

**16681000 Hakioawa Gulch at altitude 75 feet, Kahoolawe, HI**

LOCATION.--Lat 20°35'23", long 156°33'23" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20030000, on the left bank approximately 1320' upstream from mouth.

DRAINAGE AREA.--1.09 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 2006 to current year.

GAGE.--Water Stage recorder with sediment sampler.

REMARKS.--Records computed by Matt Wong. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36 ft<sup>3</sup>/s, Oct. 16, 2006 gage height, 2.99 ft; no flow on many days .

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 50 ft<sup>3</sup>/s and (or) maximum (\*):

<b>Date</b>	<b>Time</b>	<b>Discharge (ft<sup>3</sup>/s)</b>	<b>Gage height (ft)</b>
Oct 16	0800	*36	*2.99

Minimum discharge, no flow on many days, gage height, 2.18 ft.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.06
2	0.00	1.8	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00
16	5.6	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
17	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
19	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00
21	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.10	0.00
31	0.00	---	0.00	0.13	---	0.00	---	0.00	---	0.00	0.76	---
<b>Total</b>	6.52	2.58	0.00	0.13	0.24	1.27	0.00	0.00	0.00	0.00	0.86	0.08
<b>Mean</b>	0.21	0.09	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.03	0.00
<b>Max</b>	5.6	1.8	0.00	0.13	0.21	0.69	0.00	0.00	0.00	0.00	0.76	0.06
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.21	0.09	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.03	0.00
<b>Max</b>	0.21	0.09	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.03	0.00
<b>(WY)</b>	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)
<b>Min</b>	0.21	0.09	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.03	0.00
<b>(WY)</b>	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)

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SUMMARY STATISTICS

Water Year 2007	
Annual total	11.68
Annual mean	0.03
Highest daily mean	5.6 Oct 16
Lowest daily mean	0.00 Oct 1
Annual seven-day minimum	0.00 Oct 1
10 percent exceeds	0.00
50 percent exceeds	0.00
90 percent exceeds	0.00

