

16415600 Kawela Gulch near Moku, Molokai, HI

LOCATION.--Lat 21°04'11.9", long 156°56'54.0" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20050000, on left bank 1,200 ft upstream of Highway 450, and 5 mi southeast of Kaunakakai.

DRAINAGE AREA.--5.27 mi², from automated delineation using 10-meter National Elevation Dataset digital elevation model data dated September 2006 and Watershed Boundary Dataset dated May 2008, using UTM Zone 4 projection, NAD 83 horizontal datum.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--2002 to 2004 (annual maximum), water-stage recorder October 2004 to September 2011, 2012 to present (annual maximum).

REVISED RECORDS.--WDR HI-2009: 2008, WDR HI-12-1: Drainage Area.

GAGE.--Crest stage gage. Elevation of gage is 70 feet above mean sea level (from topographic map).

REMARKS.--Records computed by Matt Wong. Record rated fair. Flow on the East and West forks is affected by diversion to Molokai Irrigation System pipeline at elevation 3,625 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,190 ft³/s, November 27, 2001, gage height, 6.76 ft, site and datum then in use; minimum discharge, no flow on many days.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

| Date | Discharge, in ft³/s | Gage height, in ft |
|--------------|-------------------------------------------|-------------------------------|
| Jul 29, 2013 | 1,040 | 17.64 |