



Water-Data Report 2010

16717800 Pohakupuka Stream near Papaaloo, HI

REVISION OF RECORDS FOR A DISCONTINUED STATION

LOCATION.--Lat 19°57'20", long 155°11'20" referenced to Old Hawaiian Datum, Hawaii County, HI, Hydrologic Unit 20010000, on right bank 200 ft downstream from Highway 19, 2.8 mi northwest of Honohina, and 3.0 mi southeast of Papaaloo.

DRAINAGE AREA.--2.82 mi², Drainage Area was revised on July 20, 2010 based on USGS 10-meter Digital Elevation Model (Stream Stats).

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1962 to November 1979. Station destroyed by flood of November 17, 1979.

REVISED RECORDS.--WDR HI-1980-1: 1964-65(P), 1968-71(P), 1974-77(P), 1979(P). WDR HI-2010-1: 1982-89(M), Drainage Area.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--17 years, 27.1 ft³/s, 19,630 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,400 ft³/s November 17, 1979, gage height, 17.05 ft, from floodmarks, from rating curve extended above 1,100 ft³/s on basis of slope-area measurement of peak flow; minimum, 0.28 ft³/s November 9, 1962.

REVISIONS.--Revised annual maximum peak discharges (*) for water years 1982-1989 are given below. Daily mean discharges for water years 1969-1980 have been downgraded to poor. These figures supersede those published in the annual data reports for 1969-1989.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 1982 TO SEPTEMBER 1989

Water Year	Date	Discharge, Gage height,	
		in ft ³ /s	in ft
1982	Dec 25, 1981	deleted	deleted
1983	Dec 18, 1982	deleted	deleted
1984	Feb 8, 1984	deleted	deleted
1985	Mar 6, 1985	deleted	deleted
1986	Apr 10, 1986	deleted	deleted
1987	Nov 13, 1986	deleted	deleted
1988	Dec 13, 1987	deleted	deleted
1989	Apr 7, 1989	deleted	deleted