

Water-Data Report 2010

16701750 Wailuku River near Humuula, HI

REVISION OF RECORDS FOR A DISCONTINUED STATION

LOCATION.--Lat 19°42'55", long 155°18'36" referenced to Old Hawaiian Datum, Hawaii County, HI, Hydrologic Unit 20010000, on right bank 300 ft upstream from trail terminus, 10 mi east of Humuula, and 14 mi west of Hilo.

DRAINAGE AREA.--30.33 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.--February 1965 to September 1982 (discontinued).

REVISED RECORDS.--WDR HI-2010-1: 1973-1982, 1965-1982(P), Drainage Area.

GAGE.--Water-stage recorder. Datum of gage is 4,250 ft, from topographic map.

REMARKS.--Records poor. No diversion above station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--7 years, (water years 1966-1972) 2.85 ft³/s, 2,070 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,400 ft³/s August 10, 1982, gage height, 12.36 ft, from rating curve extended above 18 ft³/s on basis of slope-area measurement at gage height 11.87 ft; no flow at times.

REVISIONS.--Revised peak discharges and annual maximum (*) for water years 1965-1982 are given below. Daily mean discharges for water years 1965-1972 have been downgraded to poor. Daily mean discharges for water years 1973-1982 have been found to be unreliable and have been deleted. These figures supersede those published in the annual data reports for 1965-1982.

16701750 Wailuku River near Humuula, HI—Continued**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 1965 TO SEPTEMBER 1982**

Water Year	Date	Discharge, Gage height,	
		in ft ³ /s	in ft
1965	Apr 6, 1965	deleted	7.84
	May 8, 1965	deleted	deleted
1966	Dec 14, 1965	deleted	4.17
1967	Aug 8, 1967	5,200	10.27
	Dec 30, 1966	deleted	deleted
	Jul 16, 1967	deleted	deleted
	Aug 3, 1967	deleted	deleted
1968	Nov 26, 1967	2,400	8.40
1969	Aug 15, 1969	deleted	6.32
	Mar 6, 1969	deleted	deleted
1970	Aug 26, 1970	2,500	8.42
1971	Dec 20, 1970	4,700	10.00
	Dec 27, 1970	deleted	deleted
1972	Nov 18, 1971	deleted	4.31
1973	Mar 30, 1973	deleted	6.58
1974	Nov 20, 1973	6,900	11.20
	Dec 1, 1973	deleted	deleted
1975	Jan 8, 1975	2,900	8.80
	Dec 20, 1974	deleted	deleted
1976	Feb 23, 1976	deleted	4.88
1977	Aug 12, 1977	deleted	7.44
1978	Jul 6, 1978	deleted	3.23
1979	Jan 23, 1979	deleted	7.60
	Nov 21, 1978	deleted	deleted
	Feb 20, 1979	deleted	deleted
1980	Nov 17, 1979	8,300	11.87
	Mar 18, 1980	deleted	deleted
	Mar 23, 1980	deleted	deleted
1981	Aug 4, 1981	3,200	9.02
1982	Aug 10, 1982	9,400	12.36
	Dec 25, 1981	deleted	deleted
	Mar 23, 1982	deleted	deleted
	Mar 31, 1982	deleted	deleted
	Jul 16, 1982	deleted	deleted