



Station number: 16010000
 Station name: Kawaikoi Stream nr Waimea, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.13267463
 Longitude (decimal degrees): -159.61998013
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3420
 Altitude accuracy (feet): 50
 Basin area (square miles): 3.95

Period of record: 1909-1917,1919-2005
 Complete water years: 1912,1914,1920-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.1
 number of occurrences: 1
 most recent occurrence: 09/21/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2620
 number of occurrences: 1
 most recent occurrence: 01/15/1921

Flow-duration characteristics based on complete water years during period of record (88 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	34
50	13
55	11
60	9.8
65	8.7
70	7.7
75	6.8
80	6.0
85	5.1
90	4.3
95	3.4
99	2.3

Station number: 16011000
 Station name: WAIAKOALI STREAM NEAR WAIMEA, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.12517939
 Longitude (decimal degrees): -159.62136925
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3490
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.58

 Period of record: 1909-1910,1919-1925
 Complete water years: 1920-1924

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.40
 number of occurrences: 1
 most recent occurrence: 11/29/1909

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 314
 number of occurrences: 1
 most recent occurrence: 01/12/1923

Flow-duration characteristics based on complete water
 years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.0
50	3.4
55	3.1
60	2.8
65	2.5
70	2.2
75	1.9
80	1.9
85	1.6
90	1.4
95	0.93
99	0.77

Station number: 16012000
 Station name: KAUAIKINANA STREAM NEAR WAIMEA, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.13351055
 Longitude (decimal degrees): -159.62998029
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3440
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.84

 Period of record: 1919-1925
 Complete water years: 1920-1924

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 62
 most recent occurrence: 04/30/1925

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 212
 number of occurrences: 1
 most recent occurrence: 01/15/1921

Flow-duration characteristics based on complete water
 years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.6
50	2.2
55	1.9
60	1.6
65	1.4
70	1.2
75	1.1
80	0.93
85	0.77
90	0.62
95	0.46
99	0.31

Station number: 16013000
 Station name: MOHIHI STREAM AT ALT 3420 FT NR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.11712165
 Longitude (decimal degrees): -159.60109133
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3420
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.68

Period of record: 1920-1926,1937-1971
 Complete water years: 1921-1926,1938-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 10
 most recent occurrence: 09/30/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 684
 number of occurrences: 1
 most recent occurrence: 12/01/1957

Flow-duration characteristics based on complete water years during period of record (40 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.5
50	2.9
55	2.5
60	2.2
65	1.9
70	1.7
75	1.4
80	1.2
85	1.0
90	0.80
95	0.57
99	0.19

Station number: 16016000
 Station name: WAIMEA RIVER AT ALT 840 FT NEAR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.07908378
 Longitude (decimal degrees): -159.65109487
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 840
 Altitude accuracy (feet): not available
 Basin area (square miles): 20

Period of record: 1916,1918,1925-1968
 Complete water years: 1926-1948,1952-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 8.4
 number of occurrences: 4
 most recent occurrence: 11/13/1927

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2970
 number of occurrences: 1
 most recent occurrence: 12/16/1951

Flow-duration characteristics based on complete water years during period of record (40 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	52
50	19
55	18
60	17
65	16
70	15
75	15
80	14
85	14
90	13
95	12
99	11

Station number: 16017000
 Station name: KOAIE STREAM AT ALT 3770 FT NEAR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.11266811
 Longitude (decimal degrees): -159.56192394
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3770
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.68

 Period of record: 1919-1932,1954-1968
 Complete water years: 1920-1931,1955-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.64
 number of occurrences: 2
 most recent occurrence: 07/10/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2770
 number of occurrences: 1
 most recent occurrence: 12/01/1957

Flow-duration characteristics based on complete water years during period of record (26 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	28
50	8.2
55	7.1
60	6.1
65	5.5
70	4.9
75	4.3
80	3.9
85	3.4
90	2.8
95	2.3
99	1.5

Station number: 16019000
 Station name: Waialae Str at alt 3,820 ft nr Waimea, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.08573716
 Longitude (decimal degrees): -159.56886920
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3820
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.79

 Period of record: 1920-1932,1952-2005
 Complete water years: 1921-1931,1953-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.99
 number of occurrences: 4
 most recent occurrence: 06/01/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1440
 number of occurrences: 1
 most recent occurrence: 12/01/1957

Flow-duration characteristics based on complete water years during period of record (64 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	21
50	6.6
55	5.8
60	5.2
65	4.6
70	4.0
75	3.7
80	3.3
85	2.9
90	2.6
95	2.2
99	1.7

Station number: 16020000
 Station name: WAIALAE STREAM NR WAIMEA, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.08296337
 Longitude (decimal degrees): -159.58498094
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3500
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.81

 Period of record: 1910-1916
 Complete water years: 1913-1915

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 21
 most recent occurrence: 01/31/1916

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 317
 number of occurrences: 1
 most recent occurrence: 01/09/1916

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	18
50	9.6
55	8.7
60	7.7
65	7.3
70	7.0
75	6.2
80	5.4
85	4.6
90	3.7
95	3.1
99	2.2

Station number: 16021000
 Station name: WAIALAE STREAM AT ALT 800 FT NR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.05825099
 Longitude (decimal degrees): -159.63192859
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 800
 Altitude accuracy (feet): not available
 Basin area (square miles): 7.87

 Period of record: 1917-1921
 Complete water years: 1918-1920

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 16
 most recent occurrence: 01/31/1921

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 851
 number of occurrences: 1
 most recent occurrence: 04/18/1918

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	30
50	15
55	13
60	12
65	11
70	9.9
75	9.0
80	8.2
85	7.4
90	6.8
95	5.9
99	4.6

Station number: 16028000
 Station name: WAIMEA R BL KEKAHA DTCH INTK NR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.04130802
 Longitude (decimal degrees): -159.64026321
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 490
 Altitude accuracy (feet): not available
 Basin area (square miles): 44.2

Period of record: 1921-1956
 Complete water years: 1926-1946,1949-1955

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1158
 most recent occurrence: 12/18/1955

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 15500
 number of occurrences: 1
 most recent occurrence: 08/16/1950

Flow-duration characteristics based on complete water years during period of record (28 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	77
50	1.4
55	0.77
60	0.62
65	0.46
70	0.31
75	0.28
80	0.19
85	0.15
90	0.05
95	0
99	0

Station number: 16031000
 Station name: WAIMEA RIVER NR WAIMEA, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.98075507
 Longitude (decimal degrees): -159.66026649
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 19.7
 Altitude accuracy (feet): not available
 Basin area (square miles): 57.8

Period of record: 1910-1920,1944-1964,1966,1968,1970-1973,1975-1996
 Complete water years: 1911-1917,1945-1964,1966,1968,1970-1972,1976-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 87
 most recent occurrence: 07/17/1913

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 17300
 number of occurrences: 1
 most recent occurrence: 08/16/1950

Flow-duration characteristics based on complete water years during period of record (53 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	123
50	16
55	12
60	10
65	7.9
70	6.4
75	5.2
80	4.0
85	3.0
90	2.2
95	1.3
99	0.54

Station number: 16031001
 Station name: WAIMEA AND MAKAWELI RIVER NR WAIMEA,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.96547798
 Longitude (decimal degrees): -159.65554457
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 15
 Altitude accuracy (feet): not available
 Basin area (square miles): 83.8

 Period of record: 1945-1968
 Complete water years: 1945-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 6.2
 number of occurrences: 1
 most recent occurrence: 07/20/1951

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 20400
 number of occurrences: 1
 most recent occurrence: 08/16/1950

Flow-duration characteristics based on complete water
 years during period of record (24 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	221
50	49
55	40
60	33
65	28
70	24
75	21
80	19
85	16
90	14
95	12
99	9.2

Station number: 16036000
 Station name: Makaweli River nr Waimea, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.97214460
 Longitude (decimal degrees): -159.64582172
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 18.2
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 26

 Period of record: 1943-2005
 Complete water years: 1944-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 4.3
 number of occurrences: 2
 most recent occurrence: 07/20/1951

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 5170
 number of occurrences: 1
 most recent occurrence: 12/01/1957

Flow-duration characteristics based on complete water
 years during period of record (62 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	85
50	26
55	23
60	21
65	19
70	17
75	16
80	14
85	13
90	12
95	10
99	8.2

Station number: 16037100
 Station name: MAKAWELI R BL POOWAIOMAHAIHAI D NR WAIMEA,KAUAI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.97075575
 Longitude (decimal degrees): -159.64721073
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 30
 Altitude accuracy (feet): not available
 Basin area (square miles): 25

 Period of record: 1912-1917
 Complete water years: 1913-1916

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.0
 number of occurrences: 7
 most recent occurrence: 12/19/1912

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 7070
 number of occurrences: 1
 most recent occurrence: 12/18/1916

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	100
50	23
55	20
60	19
65	17
70	15
75	13
80	11
85	11
90	9.3
95	7.0
99	4.6

Station number: 16047000
 Station name: KOULA RIVER AT KOULA NR ELEELE,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.95741975
 Longitude (decimal degrees): -159.54720397
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 300
 Altitude accuracy (feet): not available
 Basin area (square miles): 12.6

Period of record: 1910-1917,1937-1939
 Complete water years: 1911-1916,1938

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 11
 number of occurrences: 9
 most recent occurrence: 12/31/1913

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2130
 number of occurrences: 1
 most recent occurrence: 09/26/1914

Flow-duration characteristics based on complete water years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	85
50	34
55	29
60	26
65	23
70	21
75	19
80	17
85	15
90	14
95	13
99	12

Station number: 16049000
 Station name: Hanapepe Riv blw Manuahi Str nr Eleele, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.95492007
 Longitude (decimal degrees): -159.55081543
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 222
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 18.5

Period of record: 1917-1921,1927-2005
 Complete water years: 1918-1920,1928-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 5.3
 number of occurrences: 1
 most recent occurrence: 05/21/1954

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 10900
 number of occurrences: 1
 most recent occurrence: 12/03/1919

Flow-duration characteristics based on complete water years during period of record (81 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	83
50	29
55	26
60	24
65	22
70	20
75	19
80	17
85	16
90	15
95	13
99	10

Station number: 16052500
 Station name: Lawai Str nr Koloa, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.89992010
 Longitude (decimal degrees): -159.50303917
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 37
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 6.62

 Period of record: 1963-1973
 Complete water years: 1964-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.13
 number of occurrences: 3
 most recent occurrence: 11/15/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 422
 number of occurrences: 1
 most recent occurrence: 04/25/1971

Flow-duration characteristics based on complete water years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.4
50	3.0
55	2.7
60	2.4
65	2.1
70	1.9
75	1.6
80	1.3
85	1.0
90	0.81
95	0.59
99	0.34

Station number: 16053800
 Station name: KAMOOLOA STREAM NR PUHI,KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.96686348
 Longitude (decimal degrees): -159.44914788
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 390
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.79

 Period of record: 1964-1970
 Complete water years: 1965-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 2
 most recent occurrence: 02/09/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1000
 number of occurrences: 1
 most recent occurrence: 12/01/1968

Flow-duration characteristics based on complete water years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	0.56
55	0.36
60	0.29
65	0.22
70	0.17
75	0.14
80	0.11
85	0.09
90	0.07
95	0.06
99	0.04

Station number: 16054500
 Station name: KUIA STREAM NEAR PUHI, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.96547472
 Longitude (decimal degrees): -159.45137010
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 393
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.09

 Period of record: 1964-1966
 Complete water years: 1965

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 1
 most recent occurrence: 06/03/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 676
 number of occurrences: 1
 most recent occurrence: 01/05/1964

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	20
50	3.3
55	2.5
60	1.7
65	1.4
70	1.1
75	0.71
80	0.59
85	0.51
90	0.41
95	0.34
99	0.23

Station number: 16055000
 Station name: Huleia Str nr Lihue, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.95242089
 Longitude (decimal degrees): -159.42026042
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 210
 Altitude accuracy (feet): 20
 Basin area (square miles): 17.6

Period of record: 1912-1916,1967-1971
 Complete water years: 1913-1915,1968-1970

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.5
 number of occurrences: 1
 most recent occurrence: 09/14/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3010
 number of occurrences: 1
 most recent occurrence: 12/01/1968

Flow-duration characteristics based on complete water
 years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	31
50	10
55	9.7
60	9.0
65	8.3
70	7.4
75	7.2
80	6.2
85	5.7
90	5.6
95	4.7
99	3.9

Station number: 16060000
 Station name: SF Wailua River nr Lihue, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.03683435
 Longitude (decimal degrees): -159.37998119
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 240
 Altitude accuracy (feet): 20
 Basin area (square miles): 22.4

 Period of record: 1912-2005
 Complete water years: 1913-1918,1920,1922-1924,1926-1956,1959-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.8
 number of occurrences: 6
 most recent occurrence: 08/22/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 13800
 number of occurrences: 1
 most recent occurrence: 01/16/1921

Flow-duration characteristics based on complete water years during period of record (88 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	118
50	43
55	33
60	23
65	15
70	11
75	8.4
80	6.9
85	5.7
90	4.8
95	3.9
99	2.8

Station number: 16063000
 Station name: NF WAILUA RIVER AT ALT 650 FT NR LIHUE,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.06405228
 Longitude (decimal degrees): -159.43636833
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 650
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.29

Period of record: 1915-1985
 Complete water years: 1916-1918,1920-1985

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.29
 number of occurrences: 1
 most recent occurrence: 06/05/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1990
 number of occurrences: 1
 most recent occurrence: 05/22/1967

Flow-duration characteristics based on complete water years during period of record (69 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	73
50	49
55	44
60	40
65	36
70	31
75	24
80	17
85	8.5
90	2.9
95	1.2
99	0.65

Station number: 16068000
 Station name: EB of NF Wailua River nr Lihue, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.06876652
 Longitude (decimal degrees): -159.41525753
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 500
 Altitude accuracy (feet): 20
 Basin area (square miles): 6.27

 Period of record: 1912-2005
 Complete water years: 1913-1914,1916-1917,1920-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 7.0
 number of occurrences: 1
 most recent occurrence: 07/08/1926

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2570
 number of occurrences: 1
 most recent occurrence: 02/13/1994

Flow-duration characteristics based on complete water years during period of record (90 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	48
50	31
55	28
60	26
65	25
70	23
75	22
80	20
85	18
90	16
95	14
99	11

Station number: 16071000
 Station name: NF Wailua River nr Kapaa, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.04904494
 Longitude (decimal degrees): -159.36998119
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 18
 Altitude accuracy (feet): 10
 Basin area (square miles): 17.9

 Period of record: 1952-2003
 Complete water years: 1953-2003

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.2
 number of occurrences: 5
 most recent occurrence: 11/14/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 7350
 number of occurrences: 1
 most recent occurrence: 01/25/1956

Flow-duration characteristics based on complete water
 years during period of record (51 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	116
50	64
55	55
60	47
65	39
70	32
75	25
80	18
85	12
90	8.9
95	6.5
99	4.1

Station number: 16071500
 Station name: Left Branch Opaekaa Str nr Kapaa, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.07569977
 Longitude (decimal degrees): -159.39581341
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 458.4
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 0.65

 Period of record: 1960-2005
 Complete water years: 1961-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.09
 number of occurrences: 2
 most recent occurrence: 09/30/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 218
 number of occurrences: 1
 most recent occurrence: 12/14/1991

Flow-duration characteristics based on complete water
 years during period of record (45 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.5
50	1.6
55	1.5
60	1.4
65	1.2
70	1.1
75	0.97
80	0.87
85	0.76
90	0.67
95	0.54
99	0.36

Station number: 16078000
 Station name: KAPAA STREAM NR KEALIA, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.10122690
 Longitude (decimal degrees): -159.38386896
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 470
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.05

Period of record: 1910-1920
 Complete water years: 1912-1913,1916-1919

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 9.6
 number of occurrences: 30
 most recent occurrence: 04/17/1914

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 631
 number of occurrences: 1
 most recent occurrence: 11/21/1913

Flow-duration characteristics based on complete water years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	35
50	26
55	25
60	24
65	22
70	22
75	20
80	18
85	16
90	14
95	13
99	12

Station number: 16080000
 Station name: KAPAA STR AT KAPAHI DITCH INTK NR KAPAA,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.10094344
 Longitude (decimal degrees): -159.37192481
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 381.8
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.86

 Period of record: 1936-1985
 Complete water years: 1937-1985

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 6147
 most recent occurrence: 12/16/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1870
 number of occurrences: 1
 most recent occurrence: 01/25/1956

Flow-duration characteristics based on complete water
 years during period of record (49 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	20
50	5.3
55	3.0
60	1.2
65	0.08
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16080001
 Station name: COMBINED RECORDS OF STATIONS 16079000, 16080000
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.10094344
 Longitude (decimal degrees): -159.37192481
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.86

 Period of record: 1936-1979
 Complete water years: 1937-1979

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.25
 number of occurrences: 2
 most recent occurrence: 06/03/1955

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1870
 number of occurrences: 1
 most recent occurrence: 01/25/1956

Flow-duration characteristics based on complete water
 years during period of record (43 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	25
50	12
55	10
60	8.7
65	7.3
70	6.2
75	5.5
80	4.8
85	4.2
90	3.6
95	3.0
99	2.4

Station number: 16089000
 Station name: ANAHOLA STREAM NR KEALIA, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.14809895
 Longitude (decimal degrees): -159.35192495
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 295.11
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.27

Period of record: 1913-1985
 Complete water years: 1914-1917,1920-1985

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.6
 number of occurrences: 5
 most recent occurrence: 09/24/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1750
 number of occurrences: 1
 most recent occurrence: 05/13/1940

Flow-duration characteristics based on complete water years during period of record (70 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	23
50	9.8
55	9.0
60	8.2
65	7.4
70	7.0
75	6.3
80	5.7
85	5.1
90	4.4
95	3.6
99	2.6

Station number: 16093200
 Station name: ANAHOLA STREAM AT ANAHOLA, KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.14168656
 Longitude (decimal degrees): -159.31359271
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): 9.24

 Period of record: 1965-1983
 Complete water years: 1966-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.5
 number of occurrences: 2
 most recent occurrence: 10/25/1975

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1680
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water
 years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	37
50	16
55	14
60	12
65	11
70	10
75	9.1
80	8.2
85	7.0
90	6.1
95	5.0
99	3.7

Station number: 16097000
 Station name: POHAKUHONU STREAM NR KILAUEA,KAUAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.17783091
 Longitude (decimal degrees): -159.42497898
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 401.7
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.73

 Period of record: 1958-1972
 Complete water years: 1959-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.70
 number of occurrences: 7
 most recent occurrence: 10/17/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 413
 number of occurrences: 1
 most recent occurrence: 03/02/1960

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.9
50	3.4
55	3.0
60	2.8
65	2.6
70	2.4
75	2.1
80	1.9
85	1.8
90	1.6
95	1.4
99	1.1

Station number: 16097300
 Station name: HALAULANI STREAM NEAR KILAUEA, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.15923872
 Longitude (decimal degrees): -159.41886797
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 900
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.12

 Period of record: 1922-1925
 Complete water years: 1923-1925

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.77
 number of occurrences: 1
 most recent occurrence: 12/29/1924

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 97
 number of occurrences: 1
 most recent occurrence: 03/31/1923

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.5
50	2.6
55	2.5
60	2.5
65	2.3
70	2.2
75	2.2
80	2.0
85	1.9
90	1.7
95	1.4
99	1.1

Station number: 16097500
 Station name: Halaulani Str at alt 400 ft nr Kilauea, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.17838209
 Longitude (decimal degrees): -159.41859019
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 391.8
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 1.19

 Period of record: 1958-2005
 Complete water years: 1959-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.9
 number of occurrences: 4
 most recent occurrence: 09/08/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 879
 number of occurrences: 1
 most recent occurrence: 02/13/1994

Flow-duration characteristics based on complete water
 years during period of record (47 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	7.3
55	7.0
60	6.6
65	6.3
70	5.9
75	5.6
80	5.3
85	5.0
90	4.6
95	4.2
99	3.5

Station number: 16098000
 Station name: KALIHIWAI RIVER NEAR HANALEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.14176866
 Longitude (decimal degrees): -159.44025661
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 700
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.64

 Period of record: 1914-1923
 Complete water years: 1916-1922

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 9.3
 number of occurrences: 6
 most recent occurrence: 12/25/1919

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 967
 number of occurrences: 1
 most recent occurrence: 09/25/1914

Flow-duration characteristics based on complete water
 years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	48
50	31
55	30
60	28
65	26
70	24
75	22
80	20
85	19
90	17
95	14
99	11

Station number: 16101000
 Station name: HANALEI RIVER AT ALT 625 FT NR HANALEI,KAUAI,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.11763414
 Longitude (decimal degrees): -159.46442315
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 625
 Altitude accuracy (feet): not available
 Basin area (square miles): 7.17

Period of record: 1914-1955
 Complete water years: 1915-1951,1953-1954

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 10
 number of occurrences: 4
 most recent occurrence: 11/16/1950

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 4440
 number of occurrences: 1
 most recent occurrence: 01/16/1921

Flow-duration characteristics based on complete water years during period of record (39 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	77
50	48
55	43
60	39
65	34
70	30
75	26
80	23
85	21
90	18
95	15
99	13

Station number: 16101003
 Station name: SUM OF STATIONS 16100000 AND 16101000
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.11763414
 Longitude (decimal degrees): -159.46442315
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): not available

 Period of record: 1932-1955
 Complete water years: 1933-1950,1953-1954

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 31
 number of occurrences: 3
 most recent occurrence: 10/12/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1730
 number of occurrences: 1
 most recent occurrence: 03/19/1937

Flow-duration characteristics based on complete water years during period of record (20 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	97
50	67
55	63
60	60
65	57
70	54
75	51
80	48
85	46
90	43
95	40
99	35

Station number: 16103000
 Station name: Hanalei River nr Hanalei, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.18034928
 Longitude (decimal degrees): -159.46608966
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 60
 Altitude accuracy (feet): 10
 Basin area (square miles): 18.7

Period of record: 1912-1920,1963-2005
 Complete water years: 1913-1919,1964-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 31
 number of occurrences: 1
 most recent occurrence: 11/03/1975

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 9580
 number of occurrences: 1
 most recent occurrence: 09/26/1914

Flow-duration characteristics based on complete water years during period of record (49 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	226
50	128
55	120
60	110
65	103
70	96
75	90
80	82
85	74
90	65
95	55
99	42

Station number: 16105000
 Station name: WAIOLI STREAM NEAR HANALEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.16759963
 Longitude (decimal degrees): -159.49525620
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 550
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.81

Period of record: 1914-1932
 Complete water years: 1915-1917,1920-1931

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.1
 number of occurrences: 1
 most recent occurrence: 07/22/1914

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 766
 number of occurrences: 1
 most recent occurrence: 01/16/1921

Flow-duration characteristics based on complete water years during period of record (15 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	31
50	20
55	18
60	17
65	16
70	15
75	14
80	13
85	12
90	11
95	10
99	9.0

Station number: 16106000
 Station name: LUMAHAI RIVER NEAR HANAIEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.14985110
 Longitude (decimal degrees): -159.52386743
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 700
 Altitude accuracy (feet): not available
 Basin area (square miles): 6.95

Period of record: 1914-1917,1920-1933
 Complete water years: 1915-1917,1921-1933

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 22
 number of occurrences: 4
 most recent occurrence: 05/17/1926

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2710
 number of occurrences: 1
 most recent occurrence: 11/04/1928

Flow-duration characteristics based on complete water years during period of record (16 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	115
50	65
55	60
60	57
65	53
70	50
75	46
80	43
85	40
90	37
95	32
99	26

Station number: 16108000
 Station name: Wainiha River nr Hanalei, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.13570783
 Longitude (decimal degrees): -159.55775680
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 960
 Altitude accuracy (feet): 20
 Basin area (square miles): 10.2

Period of record: 1952-1956,1958-2005
 Complete water years: 1953-1955,1959-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 32
 number of occurrences: 1
 most recent occurrence: 10/22/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3650
 number of occurrences: 1
 most recent occurrence: 11/21/1974

Flow-duration characteristics based on complete water years during period of record (50 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	137
50	79
55	73
60	68
65	65
70	61
75	58
80	55
85	52
90	49
95	45
99	38

Station number: 16114000
 Station name: Limahuli Str nr Wainiha, Kauai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 22.21757305
 Longitude (decimal degrees): -159.57720096
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 200
 Altitude accuracy (feet): 10
 Basin area (square miles): 1.36

 Period of record: 1995-2005
 Complete water years: 1995-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.4
 number of occurrences: 4
 most recent occurrence: 09/30/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 241
 number of occurrences: 1
 most recent occurrence: 02/02/2005

Flow-duration characteristics based on complete water years during period of record (11 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.9
50	6.1
55	5.9
60	5.7
65	5.4
70	5.2
75	4.9
80	4.6
85	4.4
90	4.2
95	3.9
99	3.6

Station number: 16115000
 Station name: HANAKAPIAI STREAM NEAR HANALEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.19621895
 Longitude (decimal degrees): -159.59414557
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 450
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.73

 Period of record: 1932-1953
 Complete water years: 1933-1952

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.3
 number of occurrences: 2
 most recent occurrence: 10/15/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 459
 number of occurrences: 1
 most recent occurrence: 08/17/1950

Flow-duration characteristics based on complete water years during period of record (20 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	8.4
55	7.7
60	7.1
65	6.8
70	6.3
75	6.0
80	5.5
85	5.2
90	4.6
95	4.0
99	3.1

Station number: 16116000
 Station name: HANAKOA STREAM NEAR HANALEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.19040106
 Longitude (decimal degrees): -159.61970150
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 470
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.5

 Period of record: 1932-1953
 Complete water years: 1933-1952

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.22
 number of occurrences: 2
 most recent occurrence: 10/10/1952

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 452
 number of occurrences: 1
 most recent occurrence: 08/15/1950

Flow-duration characteristics based on complete water
 years during period of record (20 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.6
50	1.7
55	1.5
60	1.3
65	1.2
70	1.1
75	0.93
80	0.82
85	0.73
90	0.66
95	0.56
99	0.43

Station number: 16117000
 Station name: KALALAU STREAM NEAR HANALEI, KAUAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.16487771
 Longitude (decimal degrees): -159.63442418
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 960
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.55

 Period of record: 1932-1955
 Complete water years: 1933-1954

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.8
 number of occurrences: 43
 most recent occurrence: 06/26/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 257
 number of occurrences: 1
 most recent occurrence: 12/21/1946

Flow-duration characteristics based on complete water
 years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.0
50	5.2
55	4.9
60	4.8
65	4.6
70	4.4
75	4.3
80	4.1
85	3.9
90	3.7
95	3.4
99	3.0

Station number: 16130000
 Station name: Nahomalu Valley nr Mana, Kauai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 22.04158956
 Longitude (decimal degrees): -159.75193177
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 236.8
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 3.81

 Period of record: 1963-1971
 Complete water years: 1964-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2406
 most recent occurrence: 12/31/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 59
 number of occurrences: 1
 most recent occurrence: 12/16/1964

Flow-duration characteristics based on complete water years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.42
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16200000
 Station name: NF Kaukonahua Str abv RB, nr Wahiawa, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.51599460
 Longitude (decimal degrees): -157.94530708
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1150
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.38

 Period of record: 1913-1953,1960-2005
 Complete water years: 1914-1924,1927-1952,1961-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.12
 number of occurrences: 1
 most recent occurrence: 03/13/1941

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 975
 number of occurrences: 1
 most recent occurrence: 02/27/1935

Flow-duration characteristics based on complete water years during period of record (82 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	7.1
55	6.2
60	5.3
65	4.6
70	4.0
75	3.4
80	2.8
85	2.3
90	1.7
95	0.93
99	0.31

Station number: 16201000
 Station name: RB OF NF KAUKONAHUA STR NR WAHIAWA, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.51655013
 Longitude (decimal degrees): -157.94530707
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1200
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.17

 Period of record: 1913-1953
 Complete water years: 1914-1924, 1927-1932, 1935-1952

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.14
 number of occurrences: 3
 most recent occurrence: 04/05/1926

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 459
 number of occurrences: 1
 most recent occurrence: 02/27/1935

Flow-duration characteristics based on complete water years during period of record (35 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	4.8
55	4.3
60	3.6
65	3.1
70	2.8
75	2.3
80	1.9
85	1.5
90	1.2
95	0.77
99	0.43

Station number: 16204000
 Station name: NF Kaukonahua Str nr Wahiawa, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.51182844
 Longitude (decimal degrees): -157.98586267
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 930
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 4.86

 Period of record: 1947-1968
 Complete water years: 1947-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 25
 most recent occurrence: 11/15/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1720
 number of occurrences: 1
 most recent occurrence: 03/16/1968

Flow-duration characteristics based on complete water years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	35
50	12
55	10
60	8.8
65	7.3
70	6.0
75	4.8
80	3.8
85	2.8
90	1.9
95	1.1
99	0.31

Station number: 16206000
 Station name: S F KAUKONAHUA STREAM NEAR WAHIAWA, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.49849525
 Longitude (decimal degrees): -157.94447408
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1070
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.93

 Period of record: 1911-1917,1944-1957
 Complete water years: 1914,1916,1945-1956

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.01
 number of occurrences: 3
 most recent occurrence: 11/14/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 433
 number of occurrences: 1
 most recent occurrence: 01/16/1949

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	5.6
55	4.6
60	3.9
65	3.1
70	2.4
75	2.0
80	1.5
85	1.1
90	0.77
95	0.48
99	0.14

Station number: 16208000
 Station name: SF Kaukonahua Str at E pump, nr Wahiawa, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.48905176
 Longitude (decimal degrees): -157.99558516
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 860.35
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 4.04

 Period of record: 1957-2004
 Complete water years: 1958-1962,1965-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 127
 most recent occurrence: 02/13/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1050
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (45 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	21
50	8.7
55	7.6
60	6.6
65	5.7
70	4.9
75	4.1
80	3.4
85	2.6
90	1.9
95	1.1
99	0.14

Station number: 16208500
 Station name: R BR OF S F KAUKONAHUA STR NR WAHIAWA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.49599577
 Longitude (decimal degrees): -157.98141848
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 980
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.86

 Period of record: 1957-1972
 Complete water years: 1958-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 302
 most recent occurrence: 12/09/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 216
 number of occurrences: 1
 most recent occurrence: 01/05/1968

Flow-duration characteristics based on complete water years during period of record (15 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.2
50	0.31
55	0.19
60	0.12
65	0.09
70	0.06
75	0.05
80	0.03
85	0.03
90	0.02
95	0
99	0

Station number: 16209000
 Station name: S F KAUKONAHUA STR AB WAHIAWA RES NR WAHIAWA,OA
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.48988506
 Longitude (decimal degrees): -157.99586292
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 844.51
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.26

 Period of record: 1947-1958
 Complete water years: 1948-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.42
 number of occurrences: 2
 most recent occurrence: 04/14/1954

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1300
 number of occurrences: 1
 most recent occurrence: 01/16/1949

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	25
50	12
55	11
60	9.1
65	7.9
70	7.0
75	5.6
80	4.5
85	3.3
90	2.2
95	1.2
99	0.68

Station number: 16211000
 Station name: POAMOHO STREAM NEAR WAHIAWA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.52016135
 Longitude (decimal degrees): -157.97919590
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1150
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.79

 Period of record: 1947-1974
 Complete water years: 1948-1973

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 190
 most recent occurrence: 12/30/1972

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 620
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (26 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.3
50	1.5
55	1.1
60	0.85
65	0.59
70	0.39
75	0.25
80	0.14
85	0.08
90	0.05
95	0.02
99	0

Station number: 16211003
 Station name: COMBINED RECORDS OF STATIONS 16210900, 16211000
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.52016135
 Longitude (decimal degrees): -157.97919590
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.79

 Period of record: 1958-1974
 Complete water years: 1959-1973

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 1
 most recent occurrence: 01/28/1973

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 805
 number of occurrences: 1
 most recent occurrence: 03/16/1968

Flow-duration characteristics based on complete water
 years during period of record (15 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.3
50	3.0
55	2.6
60	2.3
65	1.9
70	1.7
75	1.4
80	1.2
85	0.93
90	0.65
95	0.42
99	0.16

Station number: 16211600
 Station name: Makaha Str nr Makaha, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.50127721
 Longitude (decimal degrees): -158.18030542
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 938.64
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 2.31

 Period of record: 1959-2005
 Complete water years: 1960-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2124
 most recent occurrence: 11/02/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 283
 number of occurrences: 1
 most recent occurrence: 02/07/1976

Flow-duration characteristics based on complete water years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.7
50	0.49
55	0.40
60	0.31
65	0.25
70	0.18
75	0.13
80	0.08
85	0.03
90	0
95	0
99	0

Station number: 16211800
 Station name: Kaupuni Str at alt 374 ft nr Waianae, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.46905722
 Longitude (decimal degrees): -158.15447304
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 374
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 3.58

 Period of record: 1960-1973
 Complete water years: 1961-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 910
 most recent occurrence: 10/29/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 217
 number of occurrences: 1
 most recent occurrence: 12/23/1964

Flow-duration characteristics based on complete water years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	0.25
55	0.22
60	0.19
65	0.15
70	0.12
75	0.08
80	0.04
85	0
90	0
95	0
99	0

Station number: 16212000
 Station name: PUHAWAI STR AT LUALUALEI NEAR WAIANAE, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.46628294
 Longitude (decimal degrees): -158.13058420
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 600
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.6

 Period of record: 1931-1944
 Complete water years: 1932-1943

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 69
 most recent occurrence: 09/30/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 159
 number of occurrences: 1
 most recent occurrence: 10/22/1939

Flow-duration characteristics based on complete water years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.38
50	0.15
55	0.14
60	0.12
65	0.12
70	0.11
75	0.09
80	0.09
85	0.08
90	0.08
95	0.04
99	0.03

Station number: 16212800
 Station name: Kipapa Str nr Wahiawa, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.46710768
 Longitude (decimal degrees): -157.95836355
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 690
 Altitude accuracy (feet): 20
 Basin area (square miles): 4.29

 Period of record: 1957-2004
 Complete water years: 1958-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 389
 most recent occurrence: 06/06/2000

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 852
 number of occurrences: 1
 most recent occurrence: 04/15/1963

Flow-duration characteristics based on complete water
 years during period of record (47 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	2.8
55	2.3
60	1.9
65	1.6
70	1.3
75	0.99
80	0.75
85	0.54
90	0.37
95	0.19
99	0

Station number: 16212900
 Station name: KIPAPA STREAM NEAR WAIPAHU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.40600035
 Longitude (decimal degrees): -158.01780873
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 90
 Altitude accuracy (feet): not available
 Basin area (square miles): 13.8

 Period of record: 1967-1968
 Complete water years: 1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 95
 most recent occurrence: 09/26/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 911
 number of occurrences: 1
 most recent occurrence: 01/05/1968

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	2.1
55	1.1
60	0.62
65	0.34
70	0.11
75	0.008
80	0
85	0
90	0
95	0
99	0

Station number: 16213000
 Station name: Waikele Str at Waipahu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.38322381
 Longitude (decimal degrees): -158.01086483
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1.37
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 45.7

Period of record: 1951-2005
 Complete water years: 1953-1959,1961-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.61
 number of occurrences: 1
 most recent occurrence: 02/25/1978

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2590
 number of occurrences: 1
 most recent occurrence: 03/21/1991

Flow-duration characteristics based on complete water years during period of record (51 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	40
50	23
55	22
60	20
65	19
70	18
75	17
80	15
85	14
90	12
95	9.6
99	4.9

Station number: 16214000
 Station name: PEARL HARBOR SPR AT WAIAWA NR PEARL CITY, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.39016765
 Longitude (decimal degrees): -157.98364278
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2.25
 Altitude accuracy (feet): not available
 Basin area (square miles): not available

Period of record: 1931-1934, 1937-1964
 Complete water years: 1932-1933, 1938-1963

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.9
 number of occurrences: 1
 most recent occurrence: 06/30/1964

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 29
 number of occurrences: 1
 most recent occurrence: 02/27/1949

Flow-duration characteristics based on complete water years during period of record (28 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	18
55	17
60	16
65	15
70	15
75	14
80	13
85	12
90	11
95	8.5
99	3.5

Station number: 16216000
 Station name: Waiawa Str nr Pearl City, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.39600027
 Longitude (decimal degrees): -157.97808710
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1.81
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 26.4

 Period of record: 1952-2004
 Complete water years: 1953-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.70
 number of occurrences: 1
 most recent occurrence: 10/05/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 5150
 number of occurrences: 1
 most recent occurrence: 03/24/1994

Flow-duration characteristics based on complete water
 years during period of record (52 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	33
50	6.1
55	5.4
60	4.9
65	4.4
70	4.0
75	3.3
80	2.7
85	2.3
90	1.8
95	1.5
99	1.2

Station number: 16219000
 Station name: HAWN ELEC CO TUN AT WAI AU NR PEARL CITY, OAHU
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.38933443
 Longitude (decimal degrees): -157.96253206
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2.91
 Altitude accuracy (feet): not available
 Basin area (square miles): not available

Period of record: 1940-1946,1952-1967
 Complete water years: 1941,1945,1953-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 9.3
 number of occurrences: 1
 most recent occurrence: 08/03/1941

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 27
 number of occurrences: 2
 most recent occurrence: 03/27/1940

Flow-duration characteristics based on complete water years during period of record (16 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	16
55	16
60	16
65	15
70	15
75	15
80	15
85	15
90	14
95	14
99	12

Station number: 16223000
 Station name: Waimalu Str nr Aiea, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.39350015
 Longitude (decimal degrees): -157.94614312
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 10
 Altitude accuracy (feet): 10
 Basin area (square miles): 5.97

Period of record: 1952-1971
 Complete water years: 1953-1961,1964-1970

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 174
 most recent occurrence: 12/31/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 831
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water years during period of record (16 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.3
50	1.2
55	1.1
60	0.94
65	0.84
70	0.73
75	0.63
80	0.54
85	0.46
90	0.37
95	0.25
99	0.17

Station number: 16224500
 Station name: Kalauao Str at Moanalua Rd, at Aiea, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.38211201
 Longitude (decimal degrees): -157.93669907
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 11.71
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 2.59

 Period of record: 1957-1983
 Complete water years: 1958-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 651
 most recent occurrence: 10/25/1982

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 288
 number of occurrences: 1
 most recent occurrence: 04/15/1972

Flow-duration characteristics based on complete water years during period of record (25 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.1
50	0.20
55	0.18
60	0.15
65	0.13
70	0.11
75	0.09
80	0.08
85	0.06
90	0.04
95	0
99	0

Station number: 16225000
 Station name: KALAUAO STREAM AT AIEA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.38100120
 Longitude (decimal degrees): -157.93864357
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 4
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.61

 Period of record: 1953-1957
 Complete water years: 1954-1956

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.34
 number of occurrences: 1
 most recent occurrence: 05/09/1957

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 232
 number of occurrences: 1
 most recent occurrence: 01/21/1957

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.2
50	1.8
55	1.7
60	1.6
65	1.5
70	1.4
75	1.3
80	1.1
85	1.1
90	0.99
95	0.93
99	0.79

Station number: 16225800
 Station name: N. Halawa Str nr Kaneohe, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.40599747
 Longitude (decimal degrees): -157.86558762
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 646.52
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 1.64

 Period of record: 1991-1999
 Complete water years: 1992-1999

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 455
 most recent occurrence: 11/12/1998

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 213
 number of occurrences: 1
 most recent occurrence: 03/24/1994

Flow-duration characteristics based on complete water years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.5
50	0.38
55	0.29
60	0.22
65	0.16
70	0.11
75	0.07
80	0.04
85	0
90	0
95	0
99	0

Station number: 16226000
 Station name: N. Halawa Str nr Aiea, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.39294319
 Longitude (decimal degrees): -157.89086564
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 320
 Altitude accuracy (feet): 20
 Basin area (square miles): 3.45

Period of record: 1929-1933,1953-2005
 Complete water years: 1930-1932,1954-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 5011
 most recent occurrence: 12/21/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 956
 number of occurrences: 1
 most recent occurrence: 11/18/1930

Flow-duration characteristics based on complete water years during period of record (55 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.1
50	0.36
55	0.22
60	0.12
65	0.05
70	0.02
75	0.01
80	0
85	0
90	0
95	0
99	0

Station number: 16226200
 Station name: N. Halawa Str nr Honolulu, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.38127722
 Longitude (decimal degrees): -157.90336581
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 160
 Altitude accuracy (feet): 10
 Basin area (square miles): 4.01

 Period of record: 1983-2005
 Complete water years: 1984-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1042
 most recent occurrence: 09/02/2005

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 476
 number of occurrences: 1
 most recent occurrence: 03/24/1994

Flow-duration characteristics based on complete water years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.0
50	0.40
55	0.24
60	0.14
65	0.08
70	0.05
75	0.03
80	0.02
85	0.01
90	0
95	0
99	0

Station number: 16226400
 Station name: N. Halawa Str nr Quar. Stn. at Halawa, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.37127786
 Longitude (decimal degrees): -157.91364375
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 60
 Altitude accuracy (feet): 10
 Basin area (square miles): 4.68

 Period of record: 2002-2004
 Complete water years: 2002-2003

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 581
 most recent occurrence: 11/28/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 324
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.9
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16227000
 Station name: HALAWA STREAM AT AIEA, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.37072292
 Longitude (decimal degrees): -157.92558820
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 16.52
 Altitude accuracy (feet): not available
 Basin area (square miles): 8.78

 Period of record: 1953-1962
 Complete water years: 1954-1961

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 40
 most recent occurrence: 11/22/1954

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1250
 number of occurrences: 1
 most recent occurrence: 03/05/1958

Flow-duration characteristics based on complete water
 years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	3.6
55	3.4
60	3.0
65	2.8
70	2.6
75	2.3
80	1.9
85	1.5
90	1.1
95	0.68
99	0

Station number: 16227500
 Station name: MOANALUA STREAM NR KANEOHE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.38822016
 Longitude (decimal degrees): -157.84864373
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 600
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.94

 Period of record: 1969-1978
 Complete water years: 1969-1977

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2190
 most recent occurrence: 12/31/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 194
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16227700
 Station name: MOANALUA STREAM TRIB NR KANEOHE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.38766453
 Longitude (decimal degrees): -157.84531044
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 700
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.62

 Period of record: 1969-1978
 Complete water years: 1969-1977

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 857
 most recent occurrence: 12/31/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 81
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.73
50	0.18
55	0.14
60	0.11
65	0.08
70	0.05
75	0.03
80	0
85	0
90	0
95	0
99	0

Station number: 16228000
 Station name: Moanalua Str nr Honolulu, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.37822119
 Longitude (decimal degrees): -157.87003279
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 338.12
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 2.73

 Period of record: 1926-1978
 Complete water years: 1927-1978

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 10673
 most recent occurrence: 12/31/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 549
 number of occurrences: 1
 most recent occurrence: 11/18/1930

Flow-duration characteristics based on complete water years during period of record (52 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.1
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16228200
 Station name: Moanalua Str nr Aiea, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.37377715
 Longitude (decimal degrees): -157.88003282
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 230
 Altitude accuracy (feet): 20
 Basin area (square miles): 3.34

 Period of record: 1969-1978
 Complete water years: 1969-1977

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2850
 most recent occurrence: 12/31/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 546
 number of occurrences: 1
 most recent occurrence: 02/17/1969

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.4
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16228900
 Station name: Kalihi Str nr Kaneohe, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.37322004
 Longitude (decimal degrees): -157.82281115
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 840
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.6

 Period of record: 1967-1971
 Complete water years: 1968-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.06
 number of occurrences: 1
 most recent occurrence: 09/20/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 182
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.5
50	0.38
55	0.34
60	0.30
65	0.26
70	0.23
75	0.18
80	0.16
85	0.14
90	0.10
95	0.10
99	0.08

Station number: 16229000
 Station name: Kalihi Str nr Honolulu, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.36349907
 Longitude (decimal degrees): -157.84420002
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 464.4
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 2.61

 Period of record: 1914-2005
 Complete water years: 1915-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.11
 number of occurrences: 1
 most recent occurrence: 07/29/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 951
 number of occurrences: 1
 most recent occurrence: 01/19/1923

Flow-duration characteristics based on complete water
 years during period of record (91 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.3
50	2.8
55	2.5
60	2.3
65	2.0
70	1.8
75	1.6
80	1.4
85	1.1
90	0.93
95	0.65
99	0.35

Station number: 16229300
 Station name: Kalihi Str at Kalihi, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.33822323
 Longitude (decimal degrees): -157.87392256
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 70
 Altitude accuracy (feet): 20
 Basin area (square miles): 5.18

 Period of record: 1962-2004
 Complete water years: 1963-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.05
 number of occurrences: 1
 most recent occurrence: 10/14/1999

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 781
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (42 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.8
50	3.6
55	3.3
60	2.9
65	2.6
70	2.4
75	2.1
80	1.8
85	1.5
90	1.2
95	0.97
99	0.58

Station number: 16232000
 Station name: NUUANU STR BL RES 2 WASTEWAY NR HONOLULU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.34599946
 Longitude (decimal degrees): -157.82503404
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 630.71
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.35

 Period of record: 1914-1996
 Complete water years: 1915-1916, 1918-1920, 1922-1995

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.14
 number of occurrences: 9
 most recent occurrence: 08/30/1922

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 514
 number of occurrences: 1
 most recent occurrence: 05/16/1927

Flow-duration characteristics based on complete water years during period of record (79 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.0
50	3.6
55	3.3
60	2.9
65	2.5
70	2.2
75	1.9
80	1.6
85	1.3
90	0.93
95	0.65
99	0.31

Station number: 16238500
 Station name: WAIHI STREAM AT HONOLULU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.32877767
 Longitude (decimal degrees): -157.80059015
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 289.84
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.14

Period of record: 1913-1921,1925-1984
 Complete water years: 1914-1920,1926-1983

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.08
 number of occurrences: 19
 most recent occurrence: 01/17/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 254
 number of occurrences: 1
 most recent occurrence: 11/18/1927

Flow-duration characteristics based on complete water
 years during period of record (65 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.6
50	1.7
55	1.5
60	1.3
65	1.2
70	1.0
75	0.88
80	0.77
85	0.62
90	0.50
95	0.34
99	0.20

Station number: 16240500
 Station name: Waiakeakua Str at Honolulu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.32794436
 Longitude (decimal degrees): -157.79947906
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 294.5
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 1.06

Period of record: 1913-1921,1925-2005
 Complete water years: 1914-1920,1926-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.62
 number of occurrences: 2
 most recent occurrence: 06/07/1926

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 183
 number of occurrences: 1
 most recent occurrence: 03/24/1994

Flow-duration characteristics based on complete water years during period of record (87 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.8
50	3.5
55	3.3
60	3.1
65	2.9
70	2.7
75	2.5
80	2.2
85	2.0
90	1.7
95	1.4
99	1.0

Station number: 16240501
 Station name: COMBINED RECORDS STAS 16239500 AND 16240500
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.32794437
 Longitude (decimal degrees): -157.80003461
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 294.5
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.06

Period of record: 1916,1918-1921,1925-1939
 Complete water years: 1919-1920,1926-1937

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.1
 number of occurrences: 3
 most recent occurrence: 08/26/1926

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 139
 number of occurrences: 1
 most recent occurrence: 11/16/1927

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.5
50	4.1
55	3.9
60	3.7
65	3.4
70	3.1
75	2.8
80	2.5
85	2.2
90	2.0
95	1.7
99	1.3

Station number: 16242000
 Station name: MANOA STR AT COLLEGE OF HAWAII NR HONO,OAHU,HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.29961286
 Longitude (decimal degrees): -157.81392401
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 100
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.99

 Period of record: 1909-1910,1913-1918
 Complete water years: 1914-1918

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 7
 most recent occurrence: 03/14/1914

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 218
 number of occurrences: 1
 most recent occurrence: 01/18/1916

Flow-duration characteristics based on complete water
 years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	7.1
55	6.2
60	5.3
65	4.5
70	3.6
75	2.8
80	1.9
85	1.5
90	1.2
95	0.93
99	0.46

Station number: 16242500
 Station name: Manoa Str at Kanewai Field, Honolulu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.29322431
 Longitude (decimal degrees): -157.81281312
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 38
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 5.99

 Period of record: 1999-2005
 Complete water years: 2000-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.98
 number of occurrences: 1
 most recent occurrence: 10/04/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 490
 number of occurrences: 1
 most recent occurrence: 10/30/2004

Flow-duration characteristics based on complete water years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	5.7
55	5.3
60	4.9
65	4.5
70	4.1
75	3.7
80	3.3
85	2.9
90	2.5
95	2.0
99	1.2

Station number: 16244000
 Station name: Pukele Stream near Honolulu, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.30683423
 Longitude (decimal degrees): -157.78809076
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 344.78
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 1.18

 Period of record: 1926-1983,2003-2005
 Complete water years: 1927-1982,2003-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.08
 number of occurrences: 1
 most recent occurrence: 10/31/1929

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 155
 number of occurrences: 1
 most recent occurrence: 03/05/1958

Flow-duration characteristics based on complete water years during period of record (59 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.9
50	0.77
55	0.71
60	0.63
65	0.59
70	0.53
75	0.46
80	0.41
85	0.37
90	0.31
95	0.25
99	0.15

Station number: 16246000
 Station name: WAIOMAO STREAM NR HONOLULU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.30627862
 Longitude (decimal degrees): -157.78364633
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 373.66
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.04

 Period of record: 1911-1913,1926-1971
 Complete water years: 1927-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 761
 most recent occurrence: 09/22/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 187
 number of occurrences: 1
 most recent occurrence: 03/05/1958

Flow-duration characteristics based on complete water
 years during period of record (45 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.9
50	0.46
55	0.40
60	0.34
65	0.31
70	0.25
75	0.19
80	0.14
85	0.09
90	0.06
95	0.02
99	0

Station number: 16247000
 Station name: Palolo Stream near Honolulu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.28989100
 Longitude (decimal degrees): -157.80420225
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 95
 Altitude accuracy (feet): 5
 Basin area (square miles): 3.63

 Period of record: 1952-1980
 Complete water years: 1953-1979

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.05
 number of occurrences: 3
 most recent occurrence: 06/25/1958

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 653
 number of occurrences: 1
 most recent occurrence: 03/05/1958

Flow-duration characteristics based on complete water
 years during period of record (27 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.6
50	1.7
55	1.5
60	1.3
65	1.2
70	1.1
75	0.93
80	0.82
85	0.70
90	0.57
95	0.46
99	0.32

Station number: 16247100
 Station name: Manoa-Palolo Drainage Canal at Moiliili, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.28683591
 Longitude (decimal degrees): -157.81864662
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 5
 Altitude accuracy (feet): 5
 Basin area (square miles): 10.6

 Period of record: 2000-2005
 Complete water years: 2000-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.6
 number of occurrences: 3
 most recent occurrence: 08/19/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 651
 number of occurrences: 1
 most recent occurrence: 10/30/2004

Flow-duration characteristics based on complete water years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	7.4
55	6.8
60	6.2
65	5.7
70	5.3
75	4.8
80	4.3
85	3.9
90	3.4
95	2.8
99	1.8

Station number: 16249000
 Station name: Waimanalo Str at Waimanalo, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.35016358
 Longitude (decimal degrees): -157.72836766
 Latitude/Longitude accuracy: 0.5 second
 Horizontal datum: nad83
 Altitude (feet): 20
 Altitude accuracy (feet): 10
 Basin area (square miles): 2.16

 Period of record: 1967-1971
 Complete water years: 1968-1970

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.33
 number of occurrences: 1
 most recent occurrence: 11/09/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 434
 number of occurrences: 1
 most recent occurrence: 12/18/1967

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.7
50	1.6
55	1.4
60	1.2
65	1.2
70	1.0
75	0.87
80	0.76
85	0.68
90	0.60
95	0.44
99	0.36

Station number: 16254000
 Station name: Makawao Str nr Kailua, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.36044153
 Longitude (decimal degrees): -157.76447842
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 80
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.04

Period of record: 1913-1916,1958-2005
 Complete water years: 1914-1915,1959-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.50
 number of occurrences: 2
 most recent occurrence: 09/10/1964

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 518
 number of occurrences: 1
 most recent occurrence: 12/31/1987

Flow-duration characteristics based on complete water years during period of record (49 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.9
50	2.8
55	2.5
60	2.3
65	2.2
70	2.0
75	1.9
80	1.7
85	1.5
90	1.4
95	1.2
99	0.97

Station number: 16260500
 Station name: MAUNAWILI STREAM AT HWY 61 NR KAILUA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.37766282
 Longitude (decimal degrees): -157.76058912
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 9.79
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.34

Period of record: 1967-1971,1991-1996
 Complete water years: 1968-1971,1992-1995

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.3
 number of occurrences: 3
 most recent occurrence: 07/09/1993

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 875
 number of occurrences: 1
 most recent occurrence: 12/18/1967

Flow-duration characteristics based on complete water years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	15
50	7.4
55	6.8
60	6.4
65	6.0
70	5.6
75	5.3
80	5.0
85	4.6
90	4.3
95	3.8
99	2.8

Station number: 16265600
 Station name: RB of Kamooalii Str nr Kaneohe, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.38627407
 Longitude (decimal degrees): -157.79281090
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 195.16
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 1.11

 Period of record: 1983-1997
 Complete water years: 1984-1997

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.03
 number of occurrences: 1
 most recent occurrence: 11/16/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 177
 number of occurrences: 1
 most recent occurrence: 12/31/1987

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.5
50	0.54
55	0.50
60	0.47
65	0.43
70	0.40
75	0.38
80	0.34
85	0.29
90	0.24
95	0.17
99	0.06

Station number: 16266000
 Station name: KAMOOALII STREAM NR KANEOHE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.38571867
 Longitude (decimal degrees): -157.79864419
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 180
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.48

 Period of record: 1981
 Complete water years: 1981

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 89
 most recent occurrence: 12/13/1980

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 257
 number of occurrences: 1
 most recent occurrence: 05/07/1981

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.5
50	0.02
55	0.02
60	0.01
65	0.01
70	0.01
75	0.01
80	0
85	0
90	0
95	0
99	0

Station number: 16270500
 Station name: KAMOOLALII STREAM BL KUOU STR NR KANEOHE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.39182964
 Longitude (decimal degrees): -157.80447726
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 118
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.21

Period of record: 1967-1970, 1972-1976
 Complete water years: 1968-1970, 1973-1976

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.1
 number of occurrences: 2
 most recent occurrence: 10/12/1973

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 810
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	7.0
55	6.7
60	6.4
65	6.2
70	5.6
75	5.2
80	4.9
85	4.5
90	4.1
95	3.9
99	3.4

Station number: 16270900
 Station name: Luluku Str at alt 220 ft nr Kaneohe, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.39182980
 Longitude (decimal degrees): -157.80947722
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 220
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.44

 Period of record: 1967-1971,1984-1998
 Complete water years: 1968-1971,1985-1997

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.03
 number of occurrences: 1
 most recent occurrence: 10/14/1988

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 67
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.4
50	1.2
55	1.1
60	1.0
65	0.92
70	0.85
75	0.79
80	0.71
85	0.59
90	0.42
95	0.25
99	0.09

Station number: 16272200
 Station name: Kamooalii Str blw Luluku Str nr Kaneohe, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.39321844
 Longitude (decimal degrees): -157.80364389
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 116.39
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 3.81

 Period of record: 1977-2005
 Complete water years: 1978-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.29
 number of occurrences: 6
 most recent occurrence: 10/16/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 723
 number of occurrences: 1
 most recent occurrence: 01/01/1988

Flow-duration characteristics based on complete water
 years during period of record (28 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	10
50	7.1
55	6.7
60	6.2
65	5.8
70	5.5
75	5.0
80	4.7
85	4.3
90	3.8
95	3.2
99	2.4

Station number: 16273900
 Station name: KAMOOALII STREAM AT KANEOHE, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.41099525
 Longitude (decimal degrees): -157.80086571
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 38.75
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.38

Period of record: 1959-1963,1966-1980
 Complete water years: 1960-1963,1967-1979

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.9
 number of occurrences: 1
 most recent occurrence: 03/27/1978

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1170
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	14
50	10
55	9.4
60	9.0
65	8.5
70	7.9
75	7.5
80	7.0
85	6.5
90	6.0
95	5.4
99	4.5

Station number: 16273950
 Station name: SF Kapunahala Str at Kaneohe, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.40266248
 Longitude (decimal degrees): -157.80586583
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 111.26
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 0.4

 Period of record: 1988-1998
 Complete water years: 1988-1997

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.5
 number of occurrences: 2
 most recent occurrence: 10/25/1996

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 30
 number of occurrences: 1
 most recent occurrence: 04/08/1989

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.4
50	2.1
55	2.1
60	2.0
65	2.0
70	2.0
75	1.9
80	1.9
85	1.8
90	1.8
95	1.7
99	1.6

Station number: 16275000
 Station name: Haiku Str nr Heeia, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.40960713
 Longitude (decimal degrees): -157.82308769
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 271.9
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 0.97

 Period of record: 1914-1919,1939-1978,1983-2005
 Complete water years: 1915-1919,1940-1977,1983-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.29
 number of occurrences: 22
 most recent occurrence: 12/09/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 620
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water years during period of record (66 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.6
50	1.6
55	1.5
60	1.5
65	1.4
70	1.4
75	1.3
80	1.2
85	1.1
90	1.0
95	0.67
99	0.39

Station number: 16278000
 Station name: IOLEKAA STREAM MAUKA NEAR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.41766246
 Longitude (decimal degrees): -157.82836524
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 320
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.29

 Period of record: 1940-1970
 Complete water years: 1941-1942,1944-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.09
 number of occurrences: 1
 most recent occurrence: 02/11/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 67
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water years during period of record (28 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.67
50	0.50
55	0.46
60	0.45
65	0.43
70	0.40
75	0.39
80	0.35
85	0.31
90	0.26
95	0.22
99	0.19

Station number: 16283000
 Station name: KAHALUU STREAM NR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.43571783
 Longitude (decimal degrees): -157.85308695
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 357.52
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.28

 Period of record: 1936-1971
 Complete water years: 1937-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.05
 number of occurrences: 9
 most recent occurrence: 12/09/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 60
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water
 years during period of record (35 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.0
50	0.77
55	0.67
60	0.60
65	0.53
70	0.45
75	0.36
80	0.31
85	0.26
90	0.22
95	0.17
99	0.12

Station number: 16283200
 Station name: Kahaluu Str nr Ahuimanu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.43905076
 Longitude (decimal degrees): -157.84364254
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 150
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.84

 Period of record: 1984-2005
 Complete water years: 1984-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.47
 number of occurrences: 6
 most recent occurrence: 10/26/2001

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 142
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.1
50	2.5
55	2.2
60	2.0
65	1.6
70	1.4
75	1.3
80	1.1
85	0.97
90	0.85
95	0.73
99	0.60

Station number: 16283500
 Station name: KAHALUU STREAM AT KAHALUU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.45377196
 Longitude (decimal degrees): -157.83475349
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.73

 Period of record: 1967-1969
 Complete water years: 1968-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.8
 number of occurrences: 15
 most recent occurrence: 09/20/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1010
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	7.5
55	6.7
60	6.1
65	5.9
70	5.4
75	5.0
80	4.6
85	4.2
90	3.8
95	3.5
99	2.8

Station number: 16283600
 Station name: SF WAIHEE STR NR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.44321779
 Longitude (decimal degrees): -157.86725331
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 615.74
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.03

 Period of record: 1962-1996
 Complete water years: 1963-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1
 most recent occurrence: 07/08/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 33
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water
 years during period of record (34 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	1.0
55	0.91
60	0.85
65	0.75
70	0.68
75	0.61
80	0.56
85	0.49
90	0.39
95	0.29
99	0.24

Station number: 16283700
 Station name: NF WAIHEE STREAM NR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.44349559
 Longitude (decimal degrees): -157.86891995
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 639
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.03

 Period of record: 1962-1996
 Complete water years: 1963-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2
 most recent occurrence: 07/08/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 32
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water
 years during period of record (34 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.5
50	1.4
55	1.3
60	1.3
65	1.2
70	1.1
75	1.0
80	0.98
85	0.92
90	0.83
95	0.76
99	0.54

Station number: 16283800
 Station name: WAIHEE STREAM AT ALT 260 FT NEAR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.44710634
 Longitude (decimal degrees): -157.86141995
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 259.28
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.31

 Period of record: 1961-1966
 Complete water years: 1962-1965

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.6
 number of occurrences: 10
 most recent occurrence: 10/11/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 115
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.6
50	4.2
55	4.2
60	4.0
65	3.9
70	3.7
75	3.5
80	3.3
85	3.2
90	3.1
95	2.9
99	2.7

Station number: 16284000
 Station name: WAIHEE STREAM NR HEEIA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.44710625
 Longitude (decimal degrees): -157.85780889
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 193.44
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.93

 Period of record: 1936-1982
 Complete water years: 1937-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1
 most recent occurrence: 07/08/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 387
 number of occurrences: 1
 most recent occurrence: 05/02/1965

Flow-duration characteristics based on complete water years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.7
50	7.2
55	6.8
60	6.2
65	5.9
70	5.4
75	4.9
80	4.2
85	3.2
90	2.6
95	2.0
99	1.3

Station number: 16284200
 Station name: Waihee Str nr Kahaluu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.44793953
 Longitude (decimal degrees): -157.85725332
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 170
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.97

 Period of record: 1975-2005
 Complete water years: 1975-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.3
 number of occurrences: 2
 most recent occurrence: 04/16/1977

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 195
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water
 years during period of record (31 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.2
50	5.4
55	5.2
60	5.0
65	4.9
70	4.7
75	4.6
80	4.4
85	4.1
90	3.9
95	3.6
99	2.5

Station number: 16284500
 Station name: WAIHEE STREAM AT KAHALUU, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.45571637
 Longitude (decimal degrees): -157.83780896
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.26

 Period of record: 1967-1971
 Complete water years: 1968-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 7.9
 number of occurrences: 8
 most recent occurrence: 09/30/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 669
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	12
55	12
60	12
65	11
70	11
75	11
80	11
85	10
90	9.9
95	9.2
99	8.0

Station number: 16291000
 Station name: WAI AHOLE STR AT ALT 250 FT WAI AHOLE, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.47321640
 Longitude (decimal degrees): -157.87169690
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 250
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.99

 Period of record: 1955-1968
 Complete water years: 1956-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.3
 number of occurrences: 2
 most recent occurrence: 10/10/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 212
 number of occurrences: 1
 most recent occurrence: 10/23/1958

Flow-duration characteristics based on complete water years during period of record (13 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.5
50	5.2
55	4.8
60	4.5
65	4.3
70	4.1
75	3.9
80	3.7
85	3.4
90	3.3
95	3.1
99	2.6

Station number: 16292000
 Station name: WAIAHOLE STREAM NR WAIAHOLE, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.47738277
 Longitude (decimal degrees): -157.86669690
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 160
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.22

 Period of record: 1911-1916
 Complete water years: 1913-1915

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 14
 number of occurrences: 34
 most recent occurrence: 06/30/1916

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 260
 number of occurrences: 1
 most recent occurrence: 08/05/1914

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	43
50	43
55	39
60	37
65	37
70	36
75	22
80	22
85	21
90	20
95	20
99	18

Station number: 16294100
 Station name: Waiahole Stream above Kamehameha Hwy, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.48154854
 Longitude (decimal degrees): -157.84641933
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 14
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 3.76

 Period of record: 2002-2005
 Complete water years: 2002-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 17
 number of occurrences: 9
 most recent occurrence: 11/13/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1150
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	43
50	39
55	37
60	34
65	32
70	30
75	28
80	26
85	24
90	22
95	20
99	18

Station number: 16294900
 Station name: Waikane Str at alt 75 ft at Waikane, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.49682633
 Longitude (decimal degrees): -157.86225211
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 75
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.22

 Period of record: 1960-2005
 Complete water years: 1961-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.1
 number of occurrences: 3
 most recent occurrence: 09/22/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 868
 number of occurrences: 1
 most recent occurrence: 02/04/1965

Flow-duration characteristics based on complete water years during period of record (45 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.8
50	4.3
55	3.9
60	3.6
65	3.3
70	3.0
75	2.8
80	2.6
85	2.4
90	2.1
95	1.8
99	1.5

Station number: 16295300
 Station name: Hakipuu Stream near Waikane, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.50849216
 Longitude (decimal degrees): -157.85475203
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 30
 Altitude accuracy (feet): 5
 Basin area (square miles): 0.85

 Period of record: 2003-2005
 Complete water years: 2003-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.29
 number of occurrences: 1
 most recent occurrence: 11/05/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 64
 number of occurrences: 1
 most recent occurrence: 08/04/2004

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.9
50	1.0
55	0.92
60	0.83
65	0.74
70	0.64
75	0.58
80	0.53
85	0.49
90	0.45
95	0.40
99	0.33

Station number: 16296500
 Station name: Kahana Str at alt 30 ft nr Kahana, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.54043603
 Longitude (decimal degrees): -157.88252889
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 30
 Altitude accuracy (feet): 20
 Basin area (square miles): 3.74

 Period of record: 1959-2005
 Complete water years: 1960-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 10
 number of occurrences: 2
 most recent occurrence: 06/06/2000

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2160
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	36
50	23
55	22
60	21
65	20
70	19
75	18
80	17
85	16
90	15
95	14
99	12

Station number: 16303000
 Station name: Punaluu Str nr Punaluu, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.55599169
 Longitude (decimal degrees): -157.89891743
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 212
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.78

 Period of record: 1953-2005
 Complete water years: 1954-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 245
 most recent occurrence: 12/13/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1010
 number of occurrences: 1
 most recent occurrence: 04/15/1963

Flow-duration characteristics based on complete water
 years during period of record (52 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	11
55	10
60	9.1
65	8.2
70	7.2
75	6.1
80	5.0
85	3.8
90	2.4
95	1.1
99	0.05

Station number: 16303003
 Station name: COMBINED RECORDS OF STATIONS 16302000,16303000
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.55599169
 Longitude (decimal degrees): -157.89891743
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.78

 Period of record: 1953-2005
 Complete water years: 1954-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 8.0
 number of occurrences: 1
 most recent occurrence: 10/05/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1020
 number of occurrences: 1
 most recent occurrence: 04/15/1963

Flow-duration characteristics based on complete water years during period of record (52 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	25
50	19
55	19
60	18
65	17
70	16
75	16
80	15
85	14
90	13
95	12
99	11

Station number: 16304200
 Station name: KALUANUI STREAM NR PUNALUU, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.58585094
 Longitude (decimal degrees): -157.90822225
 Latitude/Longitude accuracy: 0.5 second
 Horizontal datum: nad83
 Altitude (feet): 110
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.11

 Period of record: 1967-2005
 Complete water years: 1968-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 171
 most recent occurrence: 06/15/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 230
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water
 years during period of record (38 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.3
50	1.4
55	1.2
60	1.0
65	0.85
70	0.72
75	0.59
80	0.47
85	0.36
90	0.26
95	0.14
99	0

Station number: 16306000
 Station name: KOLOA GULCH NR LAIE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.62182128
 Longitude (decimal degrees): -157.93335985
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 500
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.9

 Period of record: 1914-1918
 Complete water years: 1915, 1917

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 27
 most recent occurrence: 11/20/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 255
 number of occurrences: 1
 most recent occurrence: 09/25/1914

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.0
50	2.0
55	1.7
60	1.5
65	1.4
70	1.2
75	0.93
80	0.93
85	0.46
90	0.31
95	0.23
99	0.10

Station number: 16308990
 Station name: MALAEKAHANA STREAM NR LAIE, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.63293296
 Longitude (decimal degrees): -157.96197056
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 450
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.64

 Period of record: 1963-1971
 Complete water years: 1964-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 87
 most recent occurrence: 09/22/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 108
 number of occurrences: 1
 most recent occurrence: 11/14/1965

Flow-duration characteristics based on complete water
 years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.1
50	0.32
55	0.29
60	0.23
65	0.21
70	0.17
75	0.15
80	0.11
85	0.08
90	0.05
95	0.03
99	0

Station number: 16309000
 Station name: EAST BRANCH MALAEKAHANA STREAM NR KAHUKU, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.63432182
 Longitude (decimal degrees): -157.96113720
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 380
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.66

 Period of record: 1914-1918
 Complete water years: 1915-1916

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 436
 most recent occurrence: 12/31/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 128
 number of occurrences: 1
 most recent occurrence: 09/25/1914

Flow-duration characteristics based on complete water
 years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.3
50	0.31
55	0.15
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16310000
 Station name: MIDDLE BR MALAEKAHANA STREAM NR KAHUKU, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.63571066
 Longitude (decimal degrees): -157.96530381
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 440
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.69

 Period of record: 1914-1918
 Complete water years: 1915, 1917

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 923
 most recent occurrence: 12/31/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 54
 number of occurrences: 1
 most recent occurrence: 04/12/1918

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.31
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16325000
 Station name: Kamananui Str at Pupukea Mil Rd, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.62043425
 Longitude (decimal degrees): -158.01502628
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 590
 Altitude accuracy (feet): 20
 Basin area (square miles): 3.13

 Period of record: 1963-2001
 Complete water years: 1964-2001

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 149
 most recent occurrence: 03/13/1986

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 620
 number of occurrences: 1
 most recent occurrence: 11/20/1990

Flow-duration characteristics based on complete water
 years during period of record (38 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.8
50	3.2
55	2.8
60	2.5
65	2.1
70	1.8
75	1.5
80	1.3
85	1.0
90	0.67
95	0.35
99	0

Station number: 16329000
 Station name: KAIWIKOELE STREAM TRIB NR MAUNAWAI, OAHU, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.61043485
 Longitude (decimal degrees): -158.02030430
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 730
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.97

 Period of record: 1968-1971
 Complete water years: 1970-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1313
 most recent occurrence: 12/31/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 223
 number of occurrences: 1
 most recent occurrence: 03/16/1968

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.59
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16330000
 Station name: Kamananui Str at Maunawai, Oahu, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.63571208
 Longitude (decimal degrees): -158.05474784
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 20
 Altitude accuracy (feet): 20
 Basin area (square miles): 12.36

 Period of record: 1958-2005
 Complete water years: 1959-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 241
 most recent occurrence: 09/10/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1940
 number of occurrences: 1
 most recent occurrence: 01/01/1988

Flow-duration characteristics based on complete water
 years during period of record (47 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	3.8
55	3.2
60	2.7
65	2.2
70	1.8
75	1.4
80	1.0
85	0.67
90	0.30
95	0.05
99	0

Station number: 16343000
 Station name: HELEMANO STREAM AT HALEIWA, OAHU, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.57460432
 Longitude (decimal degrees): -158.10058236
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1.57
 Altitude accuracy (feet): not available
 Basin area (square miles): 14.2

 Period of record: 1968-1982
 Complete water years: 1969-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 328
 most recent occurrence: 09/19/1981

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3600
 number of occurrences: 1
 most recent occurrence: 02/01/1969

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	0.14
55	0.10
60	0.07
65	0.05
70	0.04
75	0.03
80	0.02
85	0.02
90	0.01
95	0
99	0

Station number: 16345000
 Station name: Opaehala Str nr Wahiawa, Oahu, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.56210371
 Longitude (decimal degrees): -158.00002805
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1120
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.98

 Period of record: 1959-2005
 Complete water years: 1960-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 23
 most recent occurrence: 03/12/1986

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 845
 number of occurrences: 1
 most recent occurrence: 05/06/2002

Flow-duration characteristics based on complete water
 years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	4.5
55	3.9
60	3.3
65	2.8
70	2.4
75	2.0
80	1.6
85	1.3
90	0.93
95	0.55
99	0.13

Station number: 16400000
 Station name: Halawa Stream near Halawa, Molokai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.15541357
 Longitude (decimal degrees): -156.76191001
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 210
 Altitude accuracy (feet): 25
 Basin area (square miles): 4.62

Period of record: 1917-1932,1938-2005
 Complete water years: 1918-1919,1921-1931,1939-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.86
 number of occurrences: 1
 most recent occurrence: 09/01/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1240
 number of occurrences: 1
 most recent occurrence: 02/04/1965

Flow-duration characteristics based on complete water years during period of record (80 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	30
50	13
55	12
60	11
65	9.3
70	8.4
75	7.5
80	6.6
85	5.7
90	4.8
95	3.7
99	2.4

Station number: 16401000
 Station name: PAPALAUA STREAM NEAR PUKOO, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.16625367
 Longitude (decimal degrees): -156.79857998
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 100
 Altitude accuracy (feet): not available
 Basin area (square miles): 2

 Period of record: 1920-1929
 Complete water years: 1921-1928

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.5
 number of occurrences: 1
 most recent occurrence: 05/30/1920

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 593
 number of occurrences: 1
 most recent occurrence: 01/14/1923

Flow-duration characteristics based on complete water
 years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	21
50	10
55	8.7
60	7.6
65	7.0
70	6.0
75	5.4
80	4.6
85	3.9
90	3.4
95	2.8
99	2.3

Station number: 16402000
 Station name: PULENA STREAM NEAR WAILAU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.12292373
 Longitude (decimal degrees): -156.82774505
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 591
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.38

Period of record: 1920-1929,1937-1957
 Complete water years: 1921-1928,1938-1956

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 4.9
 number of occurrences: 1
 most recent occurrence: 01/05/1957

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3390
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water years during period of record (27 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	35
50	20
55	18
60	16
65	15
70	14
75	12
80	11
85	10
90	9.0
95	7.7
99	6.0

Station number: 16403000
 Station name: WAIAKEAKUA STREAM NEAR WAILAU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.12042353
 Longitude (decimal degrees): -156.82607839
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 698
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.41

 Period of record: 1920-1929,1937-1957
 Complete water years: 1921-1928,1938-1956

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.0
 number of occurrences: 2
 most recent occurrence: 10/06/1949

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 422
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water years during period of record (27 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	7.6
55	7.1
60	6.7
65	6.2
70	5.9
75	5.5
80	5.1
85	4.8
90	4.3
95	3.9
99	3.1

Station number: 16403600
 Station name: KAPUHI STREAM NR PELEKUNU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.12959251
 Longitude (decimal degrees): -156.87940982
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 870
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.2

 Period of record: 1968-1970
 Complete water years: 1969-1970

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.8
 number of occurrences: 1
 most recent occurrence: 09/20/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 375
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water
 years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.1
50	3.8
55	3.5
60	3.2
65	3.1
70	2.9
75	2.8
80	2.7
85	2.6
90	2.5
95	2.2
99	1.9

Station number: 16403900
 Station name: KAWAINUI STREAM NR PELEKUNU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.12987029
 Longitude (decimal degrees): -156.87440997
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 770
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.17

Period of record: 1968-1980,1995-1996
 Complete water years: 1969-1979,1995-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.75
 number of occurrences: 1
 most recent occurrence: 09/22/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 296
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water
 years during period of record (13 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.1
50	4.8
55	4.3
60	3.8
65	3.4
70	3.0
75	2.7
80	2.4
85	2.0
90	1.7
95	1.4
99	1.1

Station number: 16404000
 Station name: PELEKUNU STREAM NR PELEKUNU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.13320361
 Longitude (decimal degrees): -156.87579892
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 552
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.59

Period of record: 1920-1929,1938-1957,1971-1982
 Complete water years: 1921-1928,1938-1947,1949-1956,1972-1981

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.2
 number of occurrences: 3
 most recent occurrence: 10/17/1974

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 774
 number of occurrences: 1
 most recent occurrence: 03/27/1951

Flow-duration characteristics based on complete water years during period of record (36 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	9.1
55	8.4
60	7.7
65	7.1
70	6.5
75	6.0
80	5.6
85	5.1
90	4.6
95	4.0
99	3.0

Station number: 16404200
 Station name: PILIPILILAU STREAM NR PELEKUNU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.13237027
 Longitude (decimal degrees): -156.88302090
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1000
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.49

 Period of record: 1968-1997
 Complete water years: 1969-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.49
 number of occurrences: 3
 most recent occurrence: 10/31/1996

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 152
 number of occurrences: 1
 most recent occurrence: 04/08/1989

Flow-duration characteristics based on complete water
 years during period of record (28 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.6
50	1.0
55	0.96
60	0.93
65	0.84
70	0.80
75	0.76
80	0.72
85	0.68
90	0.64
95	0.59
99	0.55

Station number: 16405000
 Station name: LANIPUNI STREAM NEAR PELEKUNU, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.14070353
 Longitude (decimal degrees): -156.87107707
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 418
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.09

 Period of record: 1920-1929,1938-1957
 Complete water years: 1921-1928,1938-1956

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.3
 number of occurrences: 4
 most recent occurrence: 02/09/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 696
 number of occurrences: 1
 most recent occurrence: 03/09/1942

Flow-duration characteristics based on complete water
 years during period of record (27 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	14
50	8.2
55	7.7
60	7.1
65	6.8
70	6.3
75	5.9
80	5.6
85	5.1
90	4.6
95	4.1
99	3.3

Station number: 16405500
 Station name: Waikolu Str at alt 900 ft nr Kalaupapa, Molokai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.14209259
 Longitude (decimal degrees): -156.91885344
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 900
 Altitude accuracy (feet): 25
 Basin area (square miles): 1.99

 Period of record: 1956-2003
 Complete water years: 1957-1961, 1963-2003

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1824
 most recent occurrence: 11/27/2002

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 847
 number of occurrences: 1
 most recent occurrence: 04/08/1989

Flow-duration characteristics based on complete water years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.1
50	1.3
55	1.2
60	1.1
65	0.92
70	0.80
75	0.70
80	0.50
85	0.25
90	0
95	0
99	0

Station number: 16406000
 Station name: WAIKOLU STR AT ELEV 650 FT NR KALAUPAPA, MOLOKAI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.14820381
 Longitude (decimal degrees): -156.92357566
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 650
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.99

 Period of record: 1920-1923
 Complete water years: 1921-1922

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 3.7
 number of occurrences: 13
 most recent occurrence: 10/10/1920

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 362
 number of occurrences: 1
 most recent occurrence: 12/12/1921

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	16
50	9.1
55	8.4
60	7.7
65	7.3
70	6.3
75	5.9
80	5.4
85	5.3
90	5.1
95	4.8
99	3.7

Station number: 16408000
 Station name: WAIKOLU STR BL PIPE CROSS NR KALAUPAPA, MOLOKAI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.15931512
 Longitude (decimal degrees): -156.92885379
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 252
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.68

Period of record: 1919-1932, 1938-1996
 Complete water years: 1921-1930, 1938-1947, 1949-1996

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.0
 number of occurrences: 1
 most recent occurrence: 10/06/1985

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3810
 number of occurrences: 1
 most recent occurrence: 04/08/1989

Flow-duration characteristics based on complete water years during period of record (68 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	18
50	11
55	9.9
60	9.2
65	8.7
70	8.1
75	7.6
80	7.1
85	6.6
90	6.0
95	5.0
99	2.9

Station number: 16410000
 Station name: KEOLEWA STREAM NEAR KALAE, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.17181554
 Longitude (decimal degrees): -156.97635190
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1950
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.18

 Period of record: 1940-1944
 Complete water years: 1941-1943

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 11
 most recent occurrence: 12/26/1943

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 17
 number of occurrences: 1
 most recent occurrence: 10/23/1941

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.55
50	0.08
55	0.08
60	0.06
65	0.06
70	0.05
75	0.05
80	0.05
85	0.05
90	0.03
95	0.03
99	0.02

Station number: 16411400
 Station name: Kakaako Gulch near Mauna Loa, Molokai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.17431788
 Longitude (decimal degrees): -157.20579429
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 380
 Altitude accuracy (feet): 5
 Basin area (square miles): 5.34

 Period of record: 1963-1972
 Complete water years: 1964-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 3217
 most recent occurrence: 12/31/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 134
 number of occurrences: 1
 most recent occurrence: 04/13/1965

Flow-duration characteristics based on complete water years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.59
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16412000
 Station name: MOKOMOKO GULCH NR KALAE, MOLOKAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.14820527
 Longitude (decimal degrees): -156.96107426
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2200
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.23

 Period of record: 1940-1945
 Complete water years: 1941-1944

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 66
 most recent occurrence: 10/15/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 15
 number of occurrences: 1
 most recent occurrence: 08/25/1940

Flow-duration characteristics based on complete water years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.68
50	0.15
55	0.15
60	0.12
65	0.11
70	0.09
75	0.06
80	0.05
85	0.05
90	0.03
95	0.02
99	0

Station number: 16413000
 Station name: KAPUNA STREAM NEAR KALAE, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.14820540
 Longitude (decimal degrees): -156.98218467
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1900
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.18

 Period of record: 1940-1950
 Complete water years: 1941-1949

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 97
 most recent occurrence: 11/11/1949

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 5.9
 number of occurrences: 1
 most recent occurrence: 03/09/1942

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.05
50	0.03
55	0.02
60	0.02
65	0.02
70	0.02
75	0.02
80	0.02
85	0.02
90	0.02
95	0.02
99	0

Station number: 16414000
 Station name: Kaunakakai Gulch at Kaunakakai, Molokai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.10265140
 Longitude (decimal degrees): -157.00662988
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 240
 Altitude accuracy (feet): 25
 Basin area (square miles): 6.57

 Period of record: 1950-1998
 Complete water years: 1951-1998

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 15704
 most recent occurrence: 12/30/1997

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 643
 number of occurrences: 1
 most recent occurrence: 04/08/1989

Flow-duration characteristics based on complete water years during period of record (48 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.9
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16414200
 Station name: Kaunakakai Gulch at altitude 75 feet, Molokai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.09722222
 Longitude (decimal degrees): -157.01416667
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 75
 Altitude accuracy (feet): 25
 Basin area (square miles): 7.05

 Period of record: 2003-2005
 Complete water years: 2004-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 767
 most recent occurrence: 12/31/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 128
 number of occurrences: 1
 most recent occurrence: 01/02/2004

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.8
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16415000
 Station name: EF KAWELA GULCH NR KAMALO, MOLOKAI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.10987076
 Longitude (decimal degrees): -156.90357539
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3624.86
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.45

 Period of record: 1947-1971
 Complete water years: 1947-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 3199
 most recent occurrence: 12/16/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 201
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water
 years during period of record (25 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.4
50	0.39
55	0.20
60	0.08
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16415600
 Station name: Kawela Gulch near Moku, Molokai, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.06959622
 Longitude (decimal degrees): -156.94802144
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 40
 Altitude accuracy (feet): 25
 Basin area (square miles): not available

 Period of record: 2005
 Complete water years: 2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 227
 most recent occurrence: 12/31/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 108
 number of occurrences: 1
 most recent occurrence: 01/18/2005

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.1
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16416000
 Station name: PUNLAULA GULCH NR PUKOO, MOLOKAI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 21.09430959
 Longitude (decimal degrees): -156.81052210
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1200
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.24

 Period of record: 1947-1972
 Complete water years: 1948-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 1
 most recent occurrence: 08/15/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 63
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water
 years during period of record (25 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	0.36
55	0.29
60	0.25
65	0.20
70	0.17
75	0.14
80	0.12
85	0.11
90	0.08
95	0.06
99	0.04

Station number: 16419500
 Station name: Papio Gulch at Halawa, Molokai, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 21.14540699
 Longitude (decimal degrees): -156.73496245
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 640
 Altitude accuracy (feet): 25
 Basin area (square miles): 0.94

 Period of record: 1963-2005
 Complete water years: 1964-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 4889
 most recent occurrence: 12/25/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 164
 number of occurrences: 1
 most recent occurrence: 04/13/1965

Flow-duration characteristics based on complete water
 years during period of record (42 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.77
50	0.18
55	0.14
60	0.08
65	0.03
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16500100
 Station name: Kepuni Gulch near Kahikinui House, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.61931402
 Longitude (decimal degrees): -156.25163424
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 750
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.19

 Period of record: 1963-1972
 Complete water years: 1964-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 3365
 most recent occurrence: 12/31/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 91
 number of occurrences: 1
 most recent occurrence: 09/17/1963

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.23
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16500800
 Station name: Kukuiula Gulch near Kipahulu, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.65181219
 Longitude (decimal degrees): -156.07608806
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 110
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.76

 Period of record: 1963-1968
 Complete water years: 1964-1965

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 43
 most recent occurrence: 11/06/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 110
 number of occurrences: 1
 most recent occurrence: 01/19/1966

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.1
50	1.4
55	1.2
60	1.1
65	0.90
70	0.77
75	0.65
80	0.46
85	0.39
90	0.29
95	0.15
99	0

Station number: 16501000
 Station name: PALIKEA STREAM BL DIV DAM NR KIPAHULU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.68097575
 Longitude (decimal degrees): -156.06664437
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1546
 Altitude accuracy (feet): not available
 Basin area (square miles): 6.29

Period of record: 1927-1929,1932-1983
 Complete water years: 1928,1933-1934,1937,1940-1983

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 141
 most recent occurrence: 03/22/1983

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 3400
 number of occurrences: 1
 most recent occurrence: 12/20/1955

Flow-duration characteristics based on complete water years during period of record (48 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	57
50	5.0
55	2.7
60	1.6
65	1.0
70	0.68
75	0.43
80	0.25
85	0.12
90	0.06
95	0.03
99	0.01

Station number: 16501200
 Station name: Oheo Gulch at dam near Kipahulu, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.66819963
 Longitude (decimal degrees): -156.05192295
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 420
 Altitude accuracy (feet): 20
 Basin area (square miles): 8.06

 Period of record: 1988-1997,2003-2005
 Complete water years: 1989-1997,2003-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 40
 most recent occurrence: 01/23/2003

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2220
 number of occurrences: 1
 most recent occurrence: 11/19/1990

Flow-duration characteristics based on complete water years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	53
50	6.3
55	5.1
60	4.2
65	3.4
70	2.7
75	2.2
80	1.8
85	1.4
90	1.0
95	0.61
99	0.01

Station number: 16502000
 Station name: HAHALAWA GULCH NEAR KIPAHULU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.67875407
 Longitude (decimal degrees): -156.04442348
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 885
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.43

 Period of record: 1927-1969
 Complete water years: 1928-1934,1936,1939-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.28
 number of occurrences: 2
 most recent occurrence: 03/02/1941

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 354
 number of occurrences: 1
 most recent occurrence: 04/16/1968

Flow-duration characteristics based on complete water years during period of record (39 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.5
50	3.2
55	2.9
60	2.6
65	2.4
70	2.2
75	1.9
80	1.7
85	1.6
90	1.4
95	1.1
99	0.70

Station number: 16507000
 Station name: MAKAPIPI STREAM NEAR NAHIKU, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.80679511
 Longitude (decimal degrees): -156.09636362
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 920
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.93

 Period of record: 1932-1945
 Complete water years: 1933-1944

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1071
 most recent occurrence: 12/22/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1220
 number of occurrences: 1
 most recent occurrence: 04/07/1938

Flow-duration characteristics based on complete water years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	10
50	3.0
55	2.5
60	1.9
65	1.2
70	0.93
75	0.31
80	0
85	0
90	0
95	0
99	0

Station number: 16508000
 Station name: Hanawi Stream near Nahiku, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.80707297
 Longitude (decimal degrees): -156.11386264
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1318
 Altitude accuracy (feet): 1
 Basin area (square miles): 3.49

 Period of record: 1914-1916,1922-2005
 Complete water years: 1923-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.90
 number of occurrences: 1
 most recent occurrence: 10/31/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1610
 number of occurrences: 1
 most recent occurrence: 01/25/1948

Flow-duration characteristics based on complete water
 years during period of record (83 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	24
50	7.0
55	6.2
60	5.6
65	5.0
70	4.4
75	4.0
80	3.6
85	3.2
90	2.8
95	2.3
99	1.8

Station number: 16509000
 Station name: HANAWI STREAM BL GOVT RD NR NAHIKU, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.81762706
 Longitude (decimal degrees): -156.10358513
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 500
 Altitude accuracy (feet): not available
 Basin area (square miles): 5.03

Period of record: 1932-1947,1992-1995
 Complete water years: 1933-1946,1993-1995

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 13
 number of occurrences: 8
 most recent occurrence: 02/29/1936

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2320
 number of occurrences: 1
 most recent occurrence: 04/07/1938

Flow-duration characteristics based on complete water years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	40
50	20
55	20
60	19
65	19
70	18
75	18
80	18
85	17
90	17
95	16
99	15

Station number: 16510000
 Station name: KAPAUOLA GULCH NEAR NAHIKU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.80957265
 Longitude (decimal degrees): -156.11525137
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1346
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.69

 Period of record: 1922-1963
 Complete water years: 1923-1962

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 8
 most recent occurrence: 10/04/1938

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 715
 number of occurrences: 1
 most recent occurrence: 01/25/1948

Flow-duration characteristics based on complete water
 years during period of record (40 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	17
50	5.2
55	4.5
60	4.0
65	3.6
70	3.1
75	2.8
80	2.4
85	2.0
90	1.7
95	1.4
99	0.77

Station number: 16511000
 Station name: KAPAUOLA GULCH BL GOVT RD NR NAHIKU, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.81984908
 Longitude (decimal degrees): -156.11219568
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 540
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.93

 Period of record: 1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.7
 number of occurrences: 3
 most recent occurrence: 02/11/1935

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 436
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	2.6
55	2.5
60	2.3
65	2.3
70	2.2
75	2.2
80	2.2
85	2.0
90	2.0
95	1.9
99	1.9

Station number: 16513000
 Station name: WAIAAKA STREAM NEAR NAHIKU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81901588
 Longitude (decimal degrees): -156.11469555
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 650
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.1

 Period of record: 1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.45
 number of occurrences: 3
 most recent occurrence: 06/17/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 40
 number of occurrences: 1
 most recent occurrence: 02/25/1935

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	0.90
55	0.83
60	0.82
65	0.77
70	0.76
75	0.71
80	0.68
85	0.65
90	0.60
95	0.54
99	0.52

Station number: 16514000
 Station name: PAAKEA GULCH NEAR NAHIKU, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.81901590
 Longitude (decimal degrees): -156.11663989
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 650
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.34

 Period of record: 1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.7
 number of occurrences: 2
 most recent occurrence: 02/13/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 124
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.5
50	4.2
55	4.2
60	3.9
65	3.9
70	3.7
75	3.6
80	3.5
85	3.4
90	3.2
95	3.1
99	2.9

Station number: 16515000
 Station name: WAIOHUE GULCH NEAR NAHIKU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81484993
 Longitude (decimal degrees): -156.12636171
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1316.2
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.32

 Period of record: 1922-1963
 Complete water years: 1923-1962

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.1
 number of occurrences: 2
 most recent occurrence: 02/28/1963

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 325
 number of occurrences: 1
 most recent occurrence: 01/25/1948

Flow-duration characteristics based on complete water
 years during period of record (40 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	6.5
55	6.0
60	5.6
65	5.3
70	4.9
75	4.5
80	4.2
85	3.9
90	3.6
95	3.1
99	2.5

Station number: 16516000
 Station name: KOPILIULA STREAM NEAR KEANAE, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81485013
 Longitude (decimal degrees): -156.13386133
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1292
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.31

Period of record: 1914-1917,1922-1958
 Complete water years: 1915-1916,1922-1934,1937-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.1
 number of occurrences: 2
 most recent occurrence: 10/09/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1700
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water years during period of record (36 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	28
50	9.0
55	7.7
60	7.0
65	6.2
70	5.5
75	4.9
80	4.3
85	3.8
90	3.2
95	2.6
99	1.6

Station number: 16517000
 Station name: EAST WAILUAIKI STREAM NEAR KEANAE, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81429474
 Longitude (decimal degrees): -156.13775005
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1329
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.11

 Period of record: 1914-1917,1922-1958
 Complete water years: 1916-1917,1923-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.6
 number of occurrences: 7
 most recent occurrence: 10/10/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1430
 number of occurrences: 1
 most recent occurrence: 01/25/1948

Flow-duration characteristics based on complete water
 years during period of record (37 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	31
50	10
55	9.0
60	8.0
65	7.1
70	6.5
75	5.7
80	5.1
85	4.5
90	3.8
95	3.1
99	2.2

Station number: 16518000
 Station name: West Wailuaiki Stream near Keanae, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81790553
 Longitude (decimal degrees): -156.14080533
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1343.1
 Altitude accuracy (feet): 0.1
 Basin area (square miles): 3.66

 Period of record: 1914-1917,1922-2005
 Complete water years: 1915,1917,1923-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.62
 number of occurrences: 1
 most recent occurrence: 07/23/1922

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2260
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water
 years during period of record (85 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	34
50	10
55	8.9
60	7.9
65	7.0
70	6.2
75	5.4
80	4.6
85	4.0
90	3.3
95	2.5
99	1.6

Station number: 16519000
 Station name: WEST WAILUANUI STREAM NEAR KEANAE, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.82457159
 Longitude (decimal degrees): -156.14524934
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1268
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.93

 Period of record: 1914-1917,1922-1958
 Complete water years: 1915-1916,1923-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 28
 most recent occurrence: 08/01/1922

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 973
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water years during period of record (37 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	14
50	5.1
55	4.5
60	3.9
65	3.4
70	2.9
75	2.6
80	2.2
85	1.9
90	1.5
95	1.2
99	0.77

Station number: 16520000
 Station name: EAST WAILUANUI STREAM NEAR KEANAE, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.82012751
 Longitude (decimal degrees): -156.14080526
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1287
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.51

 Period of record: 1914-1917,1922-1958
 Complete water years: 1915-1917,1923-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 6
 most recent occurrence: 03/23/1928

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 326
 number of occurrences: 1
 most recent occurrence: 11/21/1924

Flow-duration characteristics based on complete water years during period of record (38 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.6
50	3.7
55	3.2
60	2.9
65	2.6
70	2.3
75	2.0
80	1.8
85	1.5
90	1.3
95	1.0
99	0.65

Station number: 16521000
 Station name: WAILUANUI STREAM NR KEANAE, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.83290375
 Longitude (decimal degrees): -156.13830502
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 620
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.51

Period of record: 1932-1936,1939-1947
 Complete water years: 1933-1935,1940-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.17
 number of occurrences: 1
 most recent occurrence: 06/13/1946

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 693
 number of occurrences: 1
 most recent occurrence: 04/25/1934

Flow-duration characteristics based on complete water years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	1.3
55	1.2
60	1.1
65	0.93
70	0.84
75	0.76
80	0.65
85	0.56
90	0.45
95	0.36
99	0.28

Station number: 16524000
 Station name: HONOMANU STR AT HAIKU-UKA BDRY NR KAILIILI, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.81818454
 Longitude (decimal degrees): -156.20108013
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2900
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.54

Period of record: 1920-1927, 1932-1935, 1962-1969
 Complete water years: 1921-1926, 1933-1934, 1963-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.11
 number of occurrences: 5
 most recent occurrence: 11/19/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 564
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	2.0
55	1.7
60	1.6
65	1.2
70	1.1
75	0.93
80	0.77
85	0.62
90	0.46
95	0.31
99	0.18

Station number: 16527000
 Station name: HONOMANU STREAM NEAR KEANAE, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.83207185
 Longitude (decimal degrees): -156.18552494
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1733
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.17

 Period of record: 1914-1964
 Complete water years: 1915-1963

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.14
 number of occurrences: 3
 most recent occurrence: 11/20/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1070
 number of occurrences: 1
 most recent occurrence: 05/01/1916

Flow-duration characteristics based on complete water
 years during period of record (49 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	23
50	6.2
55	5.3
60	4.6
65	4.0
70	3.6
75	3.1
80	2.6
85	2.2
90	1.7
95	1.1
99	0.62

Station number: 16531099
 Station name: HAIPUAENA STREAM AT KULA DIVERSION
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.80374145
 Longitude (decimal degrees): -156.22135722
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): not available
 Altitude accuracy (feet): not available
 Basin area (square miles): not available

 Period of record: 1946-1968
 Complete water years: 1947-1967

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 132
 most recent occurrence: 10/11/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 62
 number of occurrences: 1
 most recent occurrence: 02/12/1960

Flow-duration characteristics based on complete water years during period of record (21 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.5
50	0.47
55	0.41
60	0.34
65	0.29
70	0.23
75	0.19
80	0.15
85	0.11
90	0.08
95	0.05
99	0.02

Station number: 16531100
 Station name: HAIPUAENA STR AT KULA PL INTK NR OLINDA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.80346370
 Longitude (decimal degrees): -156.22135723
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 4320
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.27

 Period of record: 1946-1968
 Complete water years: 1947-1967

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 5326
 most recent occurrence: 12/30/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 60
 number of occurrences: 1
 most recent occurrence: 02/12/1960

Flow-duration characteristics based on complete water years during period of record (21 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.83
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16532000
 Station name: HAIPUAENA STR AT HAIKU-UKA BDY NR KAILIILI, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.82040663
 Longitude (decimal degrees): -156.20607983
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2860
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.63

 Period of record: 1919-1927,1931-1935
 Complete water years: 1920-1923,1925-1926,1932

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.12
 number of occurrences: 1
 most recent occurrence: 11/21/1933

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 120
 number of occurrences: 1
 most recent occurrence: 07/21/1931

Flow-duration characteristics based on complete water years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.6
50	1.7
55	1.5
60	1.2
65	1.1
70	0.93
75	0.77
80	0.77
85	0.62
90	0.62
95	0.46
99	0.15

Station number: 16536000
 Station name: HAIPUAENA STR AB SPRECKELS DITCH NR HUELO, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.84818143
 Longitude (decimal degrees): -156.18857990
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1512.22
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.16

 Period of record: 1914-1967
 Complete water years: 1915-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 65
 most recent occurrence: 10/10/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 835
 number of occurrences: 1
 most recent occurrence: 12/20/1946

Flow-duration characteristics based on complete water
 years during period of record (52 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	15
50	5.3
55	4.6
60	4.0
65	3.4
70	2.9
75	2.5
80	2.0
85	1.6
90	1.1
95	0.54
99	0.28

Station number: 16542000
 Station name: E B PUOHOKAMOA STR AT HAIKU-UKA BDRY NR KAILIILI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.82318419
 Longitude (decimal degrees): -156.20830187
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2800
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.14

 Period of record: 1920-1927,1931-1933
 Complete water years: 1921-1926,1932

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 14
 most recent occurrence: 06/07/1925

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 40
 number of occurrences: 1
 most recent occurrence: 11/21/1924

Flow-duration characteristics based on complete water years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.9
50	0.77
55	0.77
60	0.62
65	0.62
70	0.62
75	0.46
80	0.46
85	0.46
90	0.31
95	0.31
99	0.12

Station number: 16543000
 Station name: M B PUOHOKAMOA STR AT HAIKU-UKA BDRY NR KAILIILI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.82457299
 Longitude (decimal degrees): -156.21135725
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2900
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.48

Period of record: 1919-1927,1932-1934,1962-1969
 Complete water years: 1920-1926,1933,1963-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.06
 number of occurrences: 6
 most recent occurrence: 11/20/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 186
 number of occurrences: 1
 most recent occurrence: 04/25/1934

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.8
50	1.3
55	1.1
60	0.93
65	0.91
70	0.76
75	0.62
80	0.46
85	0.46
90	0.31
95	0.19
99	0.09

Station number: 16544000
 Station name: W B PUOHOKAMOA STR AT HAIKU-UKA BDRY NR KAILIILI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.82873932
 Longitude (decimal degrees): -156.21385704
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2800
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.45

 Period of record: 1919-1928,1932-1935
 Complete water years: 1920-1927,1933-1934

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.08
 number of occurrences: 10
 most recent occurrence: 06/30/1921

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 155
 number of occurrences: 1
 most recent occurrence: 04/25/1934

Flow-duration characteristics based on complete water years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.5
50	1.7
55	1.5
60	1.2
65	1.2
70	1.0
75	0.93
80	0.77
85	0.62
90	0.62
95	0.46
99	0.15

Station number: 16545000
 Station name: PUOHOKAMOA STR AB SPRECKELS DITCH NR HUELO, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.85262534
 Longitude (decimal degrees): -156.18857979
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1322.04
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.35

 Period of record: 1913-1972
 Complete water years: 1914-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.62
 number of occurrences: 1
 most recent occurrence: 10/26/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 984
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water
 years during period of record (58 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	33
50	13
55	11
60	9.9
65	8.7
70	7.5
75	6.5
80	5.6
85	4.6
90	3.7
95	2.8
99	1.5

Station number: 16552600
 Station name: WAIKAMOI STREAM AT PUU LUAU NR OLINDA, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.78374306
 Longitude (decimal degrees): -156.23496797
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 5750
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.1

Period of record: 1950-1967
 Complete water years: 1951-1958,1960-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 5742
 most recent occurrence: 11/30/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 404
 number of occurrences: 1
 most recent occurrence: 12/10/1954

Flow-duration characteristics based on complete water years during period of record (15 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.55
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16552800
 Station name: WAIKAMOI STR AB RES AT KULA PL INTAKE NR OLINDA
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.80457474
 Longitude (decimal degrees): -156.23107892
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 4487
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.5

 Period of record: 1953-1968
 Complete water years: 1954-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 52
 most recent occurrence: 11/22/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 473
 number of occurrences: 1
 most recent occurrence: 12/10/1954

Flow-duration characteristics based on complete water years during period of record (15 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.1
50	0.12
55	0.11
60	0.08
65	0.08
70	0.06
75	0.06
80	0.05
85	0.04
90	0.03
95	0.02
99	0.01

Station number: 16554000
 Station name: WAIKAMOI STR AT HAIKU-UKA BDRY NR KAILIILI, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.82873940
 Longitude (decimal degrees): -156.21996786
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3000
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.46

Period of record: 1918,1920-1928,1932-1935
 Complete water years: 1920-1927,1933-1934

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 21
 most recent occurrence: 11/24/1933

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 500
 number of occurrences: 1
 most recent occurrence: 11/22/1921

Flow-duration characteristics based on complete water years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	2.2
55	1.9
60	1.7
65	1.4
70	1.2
75	1.1
80	0.93
85	0.77
90	0.62
95	0.46
99	0.31

Station number: 16554500
 Station name: E BR WAIKAMOI STR AT HAIKU-UKA BDRY NR KAILIILI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.82790614
 Longitude (decimal degrees): -156.21996788
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3020
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.07

 Period of record: 1918-1928,1932-1933
 Complete water years: 1919-1927

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 107
 most recent occurrence: 11/23/1932

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 104
 number of occurrences: 1
 most recent occurrence: 11/22/1921

Flow-duration characteristics based on complete water years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.2
50	1.4
55	1.2
60	1.1
65	0.93
70	0.93
75	0.77
80	0.62
85	0.62
90	0.46
95	0.46
99	0.31

Station number: 16555000
 Station name: WAIKAMOI STR AB WAILOA DITCH NR HUELO, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.85845835
 Longitude (decimal degrees): -156.19691262
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1293.59
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.93

 Period of record: 1922-1958
 Complete water years: 1923-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.20
 number of occurrences: 1
 most recent occurrence: 10/10/1953

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2460
 number of occurrences: 1
 most recent occurrence: 01/26/1948

Flow-duration characteristics based on complete water years during period of record (35 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	25
50	7.9
55	7.0
60	6.0
65	5.3
70	4.5
75	3.8
80	3.1
85	2.5
90	1.9
95	1.3
99	0.57

Station number: 16556000
 Station name: WAIKAMOI STREAM NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.86123575
 Longitude (decimal degrees): -156.19552373
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1150
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.98

 Period of record: 1911-1922
 Complete water years: 1912-1921

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 15
 most recent occurrence: 07/14/1920

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1300
 number of occurrences: 1
 most recent occurrence: 05/01/1916

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	28
50	9.3
55	7.7
60	6.7
65	5.9
70	4.9
75	4.0
80	3.6
85	2.8
90	2.2
95	1.4
99	0.61

Station number: 16557000
 Station name: ALO STREAM NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.85956921
 Longitude (decimal degrees): -156.19413494
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1248.38
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.47

 Period of record: 1911-1958
 Complete water years: 1912-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.11
 number of occurrences: 1
 most recent occurrence: 11/04/1911

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 248
 number of occurrences: 1
 most recent occurrence: 01/03/1927

Flow-duration characteristics based on complete water
 years during period of record (46 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.4
50	3.1
55	2.6
60	2.3
65	2.0
70	1.7
75	1.5
80	1.3
85	1.1
90	0.93
95	0.74
99	0.49

Station number: 16565000
 Station name: KAAIEA GULCH NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.86401346
 Longitude (decimal degrees): -156.20191230
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1310
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.58

 Period of record: 1922-1962
 Complete water years: 1923-1961

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.37
 number of occurrences: 2
 most recent occurrence: 05/31/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 209
 number of occurrences: 1
 most recent occurrence: 04/02/1961

Flow-duration characteristics based on complete water
 years during period of record (39 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.8
50	2.9
55	2.5
60	2.2
65	1.9
70	1.7
75	1.5
80	1.3
85	1.1
90	0.93
95	0.77
99	0.56

Station number: 16566000
 Station name: OOPUOLA STREAM NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.86817981
 Longitude (decimal degrees): -156.20524541
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1205
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.2

 Period of record: 1930-1958
 Complete water years: 1931-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.06
 number of occurrences: 1
 most recent occurrence: 10/29/1943

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 127
 number of occurrences: 1
 most recent occurrence: 11/22/1957

Flow-duration characteristics based on complete water
 years during period of record (27 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.7
50	1.1
55	0.99
60	0.85
65	0.74
70	0.62
75	0.56
80	0.46
85	0.39
90	0.32
95	0.28
99	0.18

Station number: 16567000
 Station name: OOPUOLA STR AB SPRECKELS DITCH CRSNG NR HUELO,MA
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.87456781
 Longitude (decimal degrees): -156.20135653
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 960
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.58

 Period of record: 1911-1915
 Complete water years: 1912-1914

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 2
 most recent occurrence: 04/08/1915

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 207
 number of occurrences: 1
 most recent occurrence: 04/27/1915

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.1
50	2.4
55	1.9
60	1.4
65	1.2
70	1.1
75	0.90
80	0.80
85	0.80
90	0.70
95	0.70
99	0.54

Station number: 16570000
 Station name: NAILIIHAELE STREAM NR HUELO, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.87123544
 Longitude (decimal degrees): -156.21552273
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1205
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.49

Period of record: 1911-1912,1914-1975
 Complete water years: 1915-1917,1921-1923,1926-1974

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.77
 number of occurrences: 3
 most recent occurrence: 07/14/1920

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1180
 number of occurrences: 1
 most recent occurrence: 05/01/1916

Flow-duration characteristics based on complete water years during period of record (55 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	37
50	17
55	15
60	13
65	12
70	11
75	9.4
80	8.2
85	7.0
90	5.8
95	4.5
99	3.1

Station number: 16574000
 Station name: KAILUA STR AT HAIKU-UKA BDRY NR KAILIILI, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.83290582
 Longitude (decimal degrees): -156.23746698
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3080
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.8

 Period of record: 1918-1928, 1932-1935
 Complete water years: 1920-1927, 1933-1934

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1
 most recent occurrence: 12/22/1919

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 224
 number of occurrences: 1
 most recent occurrence: 04/25/1934

Flow-duration characteristics based on complete water years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.3
50	0.54
55	0.31
60	0.29
65	0.20
70	0.15
75	0.12
80	0.09
85	0.08
90	0.06
95	0.04
99	0.01

Station number: 16574500
 Station name: KAILUA STREAM NR KAILIILI, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.83790540
 Longitude (decimal degrees): -156.23718912
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2840
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.1

 Period of record: 1963-1971
 Complete water years: 1964-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.04
 number of occurrences: 6
 most recent occurrence: 10/10/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 408
 number of occurrences: 1
 most recent occurrence: 11/29/1968

Flow-duration characteristics based on complete water years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.9
50	1.1
55	0.87
60	0.71
65	0.58
70	0.48
75	0.39
80	0.28
85	0.23
90	0.16
95	0.10
99	0.05

Station number: 16577000
 Station name: KAILUA STREAM NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.87317991
 Longitude (decimal degrees): -156.22080027
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1252.99
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.41

 Period of record: 1913-1958
 Complete water years: 1915,1917,1920-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 80
 most recent occurrence: 06/27/1921

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1780
 number of occurrences: 1
 most recent occurrence: 01/25/1948

Flow-duration characteristics based on complete water years during period of record (40 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	29
50	9.3
55	8.0
60	7.1
65	6.2
70	5.4
75	4.6
80	3.9
85	3.4
90	2.6
95	1.7
99	0.31

Station number: 16585000
 Station name: HOOLAWANUI STREAM NR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.88401260
 Longitude (decimal degrees): -156.24496575
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1219.42
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.34

 Period of record: 1911-1972
 Complete water years: 1912-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.23
 number of occurrences: 1
 most recent occurrence: 10/26/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 936
 number of occurrences: 1
 most recent occurrence: 02/25/1956

Flow-duration characteristics based on complete water
 years during period of record (60 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	5.6
55	4.9
60	4.3
65	3.8
70	3.3
75	2.9
80	2.5
85	2.1
90	1.7
95	1.2
99	0.74

Station number: 16586000
 Station name: HOOLAWALIILII STREAM NEAR HUELO, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.88484579
 Longitude (decimal degrees): -156.24024370
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1245
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.55

 Period of record: 1912-1958
 Complete water years: 1913-1957

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.77
 number of occurrences: 8
 most recent occurrence: 11/24/1933

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 441
 number of occurrences: 1
 most recent occurrence: 04/03/1918

Flow-duration characteristics based on complete water
 years during period of record (45 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.5
50	4.4
55	4.0
60	3.7
65	3.4
70	3.2
75	3.0
80	2.8
85	2.5
90	2.2
95	1.8
99	1.2

Station number: 16587000
 Station name: Honopou Stream near Huelo, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.88567925
 Longitude (decimal degrees): -156.25274314
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1208
 Altitude accuracy (feet): 1
 Basin area (square miles): 0.64

 Period of record: 1911-2005
 Complete water years: 1912-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.11
 number of occurrences: 9
 most recent occurrence: 11/18/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 305
 number of occurrences: 1
 most recent occurrence: 04/07/1989

Flow-duration characteristics based on complete water
 years during period of record (94 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.8
50	2.4
55	2.1
60	1.9
65	1.6
70	1.4
75	1.2
80	1.1
85	0.87
90	0.72
95	0.54
99	0.31

Station number: 16591000
 Station name: HONOPOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.91067649
 Longitude (decimal degrees): -156.24996506
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 556.95
 Altitude accuracy (feet): not available
 Basin area (square miles): 2

 Period of record: 1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.05
 number of occurrences: 1
 most recent occurrence: 12/07/1940

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 339
 number of occurrences: 1
 most recent occurrence: 12/21/1946

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.0
50	0.22
55	0.22
60	0.20
65	0.19
70	0.19
75	0.17
80	0.15
85	0.15
90	0.14
95	0.11
99	0.09

Station number: 16593000
 Station name: HONOPOU STR AB HAIKU DITCH NR HUELO, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.91289836
 Longitude (decimal degrees): -156.24746514
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 440.76
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.2

 Period of record: 1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.14
 number of occurrences: 1
 most recent occurrence: 01/09/1934

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 181
 number of occurrences: 1
 most recent occurrence: 10/23/1941

Flow-duration characteristics based on complete water years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.4
50	0.68
55	0.62
60	0.57
65	0.56
70	0.50
75	0.46
80	0.45
85	0.40
90	0.36
95	0.26
99	0.17

Station number: 16595000
 Station name: HONOPOU STR BELOW HAIKU DITCH NR HUELO, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.91567570
 Longitude (decimal degrees): -156.24552074
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 383.41
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.3

 Period of record: 1907,1932-1947
 Complete water years: 1933-1946

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.03
 number of occurrences: 3
 most recent occurrence: 08/10/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 524
 number of occurrences: 1
 most recent occurrence: 12/21/1946

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.8
50	1.2
55	1.1
60	1.0
65	0.96
70	0.87
75	0.87
80	0.71
85	0.63
90	0.51
95	0.45
99	0.12

Station number: 16596200
 Station name: HALEHAKU GULCH NR KAILIILI, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.84484936
 Longitude (decimal degrees): -156.25079952
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2610
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.13

 Period of record: 1965-1971
 Complete water years: 1966-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.04
 number of occurrences: 7
 most recent occurrence: 09/02/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 18
 number of occurrences: 1
 most recent occurrence: 02/02/1969

Flow-duration characteristics based on complete water
 years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.00
50	0.51
55	0.42
60	0.37
65	0.32
70	0.26
75	0.23
80	0.20
85	0.14
90	0.12
95	0.08
99	0.05

Station number: 16602400
 Station name: AWALAU GULCH AT KAILIILI, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.84984917
 Longitude (decimal degrees): -156.27079855
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2260
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.23

 Period of record: 1965-1971
 Complete water years: 1966-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.07
 number of occurrences: 9
 most recent occurrence: 11/25/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 92
 number of occurrences: 1
 most recent occurrence: 04/05/1965

Flow-duration characteristics based on complete water years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.8
50	2.7
55	2.1
60	1.8
65	1.3
70	1.0
75	0.65
80	0.45
85	0.29
90	0.18
95	0.11
99	0.08

Station number: 16604500
 Station name: Iao Stream at Kepaniwai Park nr Wailuku, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.88234810
 Longitude (decimal degrees): -156.53939915
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 780
 Altitude accuracy (feet): 20
 Basin area (square miles): 5.98

 Period of record: 1983-2005
 Complete water years: 1984-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 11
 number of occurrences: 29
 most recent occurrence: 09/29/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1700
 number of occurrences: 1
 most recent occurrence: 03/22/2004

Flow-duration characteristics based on complete water years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	65
50	40
55	36
60	33
65	30
70	28
75	25
80	24
85	22
90	20
95	17
99	13

Station number: 16612000
 Station name: WAIHEE RIVER NR WAIHEE, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.93567724
 Longitude (decimal degrees): -156.54662059
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 620
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.9

 Period of record: 1913-1917
 Complete water years: 1914

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 36
 number of occurrences: 1
 most recent occurrence: 03/21/1917

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 859
 number of occurrences: 1
 most recent occurrence: 01/09/1916

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	114
50	85
55	65
60	56
65	51
70	46
75	46
80	45
85	43
90	42
95	40
99	39

Station number: 16614000
 Station name: Waihee River at Dam near Waihee, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.93595500
 Longitude (decimal degrees): -156.54689835
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 605
 Altitude accuracy (feet): 20
 Basin area (square miles): 4.2

 Period of record: 1984-2005
 Complete water years: 1985-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 22
 number of occurrences: 6
 most recent occurrence: 01/25/1985

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1160
 number of occurrences: 1
 most recent occurrence: 01/28/1988

Flow-duration characteristics based on complete water years during period of record (21 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	76
50	54
55	52
60	49
65	47
70	45
75	44
80	42
85	40
90	38
95	35
99	27

Station number: 16617000
 Station name: LEFT BR MAKAMAKAOLE STREAM NR WAIHEE, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.95650889
 Longitude (decimal degrees): -156.54689814
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1500
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.4

 Period of record: 1939-1952
 Complete water years: 1940-1951

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.66
 number of occurrences: 1
 most recent occurrence: 01/10/1946

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 88
 number of occurrences: 1
 most recent occurrence: 03/09/1942

Flow-duration characteristics based on complete water years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.9
50	1.6
55	1.5
60	1.4
65	1.3
70	1.2
75	1.1
80	1.1
85	0.97
90	0.90
95	0.83
99	0.74

Station number: 16618000
 Station name: Kahakuloa Stream near Honokohau, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.97845168
 Longitude (decimal degrees): -156.55439765
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 330
 Altitude accuracy (feet): 20
 Basin area (square miles): 3.47

Period of record: 1939-1943,1948-1971,1975-2005
 Complete water years: 1940-1942,1948-1970,1976-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.7
 number of occurrences: 4
 most recent occurrence: 02/12/1985

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 823
 number of occurrences: 1
 most recent occurrence: 03/22/2004

Flow-duration characteristics based on complete water years during period of record (56 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	18
50	8.8
55	8.2
60	7.6
65	7.2
70	6.8
75	6.3
80	6.0
85	5.6
90	5.2
95	4.5
99	3.6

Station number: 16620000
 Station name: Honokohau Stream near Honokohau, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.95928688
 Longitude (decimal degrees): -156.58661899
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 870
 Altitude accuracy (feet): 20
 Basin area (square miles): 4.11

 Period of record: 1913-1920,1922-1989,1991-2005
 Complete water years: 1914-1919,1923-1988,1991-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 8.0
 number of occurrences: 1
 most recent occurrence: 08/10/1920

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 800
 number of occurrences: 1
 most recent occurrence: 03/22/2004

Flow-duration characteristics based on complete water years during period of record (87 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	39
50	24
55	22
60	20
65	19
70	18
75	17
80	16
85	15
90	13
95	12
99	10

Station number: 16623000
 Station name: HONOLUA STREAM NR HONOKOHAU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.98067432
 Longitude (decimal degrees): -156.61800658
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 840
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.9

 Period of record: 1913-1917
 Complete water years: 1914-1916

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1
 most recent occurrence: 02/03/1916

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 248
 number of occurrences: 1
 most recent occurrence: 01/09/1916

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	11
50	4.6
55	4.6
60	3.6
65	3.1
70	2.8
75	2.2
80	2.2
85	1.5
90	1.1
95	0.62
99	0.39

Station number: 16630000
 Station name: HONOKOWAI STREAM NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.93290029
 Longitude (decimal degrees): -156.62328495
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1440
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.1

 Period of record: 1911-1917
 Complete water years: 1915-1916

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 63
 most recent occurrence: 09/30/1913

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 173
 number of occurrences: 1
 most recent occurrence: 01/07/1916

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.6
50	1.1
55	1.1
60	0.93
65	0.62
70	0.46
75	0.46
80	0.31
85	0.31
90	0.31
95	0.31
99	0.31

Station number: 16634000
 Station name: KAHOMA STREAM NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.90123600
 Longitude (decimal degrees): -156.62328544
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1940
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.19

 Period of record: 1912-1917
 Complete water years: 1914-1916

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 339
 most recent occurrence: 11/26/1914

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1020
 number of occurrences: 1
 most recent occurrence: 01/18/1916

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	15
50	5.7
55	5.4
60	4.2
65	3.9
70	3.9
75	1.5
80	0.31
85	0
90	0
95	0
99	0

Station number: 16636000
 Station name: KANAHA STREAM AB PL INTAKE NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.89262570
 Longitude (decimal degrees): -156.64161844
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1057
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.51

 Period of record: 1916-1932
 Complete water years: 1917-1924,1927-1931

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 1.9
 number of occurrences: 3
 most recent occurrence: 05/05/1931

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 221
 number of occurrences: 1
 most recent occurrence: 04/14/1918

Flow-duration characteristics based on complete water years during period of record (13 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.7
50	4.9
55	4.8
60	4.5
65	4.3
70	4.3
75	4.0
80	3.7
85	3.6
90	3.4
95	3.1
99	2.8

Station number: 16638000
 Station name: KANAHA STREAM NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.89234829
 Longitude (decimal degrees): -156.65689591
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 540
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.83

 Period of record: 1911-1916
 Complete water years: 1912-1915

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.31
 number of occurrences: 6
 most recent occurrence: 09/06/1915

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 142
 number of occurrences: 1
 most recent occurrence: 11/28/1914

Flow-duration characteristics based on complete water
 years during period of record (4 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.3
50	1.6
55	1.5
60	1.4
65	1.3
70	1.2
75	1.2
80	1.0
85	0.93
90	0.77
95	0.62
99	0.50

Station number: 16638500
 Station name: Kahoma Stream at Lahaina, Maui, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.88346096
 Longitude (decimal degrees): -156.67384033
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 100
 Altitude accuracy (feet): 20
 Basin area (square miles): 5.22

 Period of record: 1963-1990
 Complete water years: 1964-1989

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 7553
 most recent occurrence: 12/31/1989

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 403
 number of occurrences: 1
 most recent occurrence: 11/21/1987

Flow-duration characteristics based on complete water
 years during period of record (26 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.5
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16641000
 Station name: KAUAULA STREAM NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.87762623
 Longitude (decimal degrees): -156.62217439
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1550
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.84

 Period of record: 1914-1917
 Complete water years: 1915

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 6.5
 number of occurrences: 42
 most recent occurrence: 05/07/1914

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1140
 number of occurrences: 1
 most recent occurrence: 01/09/1916

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	14
50	9.6
55	9.6
60	9.6
65	9.6
70	9.6
75	9.6
80	9.6
85	9.6
90	8.0
95	8.0
99	8.0

Station number: 16644000
 Station name: LAUNIUPOKO STREAM NR LAHAINA, MAUI, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.85457245
 Longitude (decimal degrees): -156.61578586
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1280
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.13

 Period of record: 1911-1917
 Complete water years: 1912,1914-1915

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.77
 number of occurrences: 305
 most recent occurrence: 12/31/1913

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 31
 number of occurrences: 1
 most recent occurrence: 03/01/1914

Flow-duration characteristics based on complete water
 years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.0
50	1.5
55	1.4
60	1.4
65	1.3
70	1.3
75	1.0
80	0.77
85	0.77
90	0.77
95	0.77
99	0.77

Station number: 16646200
 Station name: Olowalu Stream at Olowalu, Maui, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.81985336
 Longitude (decimal degrees): -156.61800856
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 130
 Altitude accuracy (feet): 20
 Basin area (square miles): 4.08

 Period of record: 1963-1973
 Complete water years: 1964-1973

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2882
 most recent occurrence: 12/30/1972

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 278
 number of occurrences: 1
 most recent occurrence: 03/04/1972

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.7
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16647000
 Station name: UKUMEHAME GULCH NR OLOWALU, MAUI, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.81957545
 Longitude (decimal degrees): -156.58356513
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 410
 Altitude accuracy (feet): not available
 Basin area (square miles): 3.75

 Period of record: 1911-1920
 Complete water years: 1914-1915,1919

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.8
 number of occurrences: 1
 most recent occurrence: 12/09/1919

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 156
 number of occurrences: 3
 most recent occurrence: 08/04/1914

Flow-duration characteristics based on complete water years during period of record (3 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	14
50	8.0
55	7.7
60	7.4
65	6.7
70	6.3
75	5.9
80	5.6
85	5.4
90	5.0
95	4.5
99	4.5

Station number: 16660000
 Station name: Kulanihakoi Gulch near Kihei, Maui, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.76513500
 Longitude (decimal degrees): -156.44801462
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 35
 Altitude accuracy (feet): 10
 Basin area (square miles): 14.4

 Period of record: 1963-1970
 Complete water years: 1964-1970

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2849
 most recent occurrence: 12/31/1969

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 408
 number of occurrences: 1
 most recent occurrence: 03/24/1967

Flow-duration characteristics based on complete water
 years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.32
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16700600
 Station name: Waiakea Stream at Hoaka Road, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.66111111
 Longitude (decimal degrees): -155.12222222
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 860
 Altitude accuracy (feet): 10
 Basin area (square miles): not available

 Period of record: 2004-2005
 Complete water years: 2004-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 310
 most recent occurrence: 12/26/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 440
 number of occurrences: 1
 most recent occurrence: 04/12/2004

Flow-duration characteristics based on complete water
 years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	15
50	0.36
55	0.08
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16700950
 Station name: LYMAN SPRINGS NO. 2 NEAR PIIHONUA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.69751692
 Longitude (decimal degrees): -155.17389635
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1700
 Altitude accuracy (feet): not available
 Basin area (square miles): not available

 Period of record: 1981-1995
 Complete water years: 1982-1995

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.03
 number of occurrences: 3
 most recent occurrence: 03/31/1983

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 52
 number of occurrences: 7
 most recent occurrence: 12/28/1992

Flow-duration characteristics based on complete water
 years during period of record (14 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.8
50	4.4
55	4.3
60	4.1
65	3.9
70	3.7
75	3.4
80	3.0
85	2.4
90	1.4
95	0.82
99	0.16

Station number: 16701200
 Station name: WAIAKEA STREAM NEAR HILO, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.69196232
 Longitude (decimal degrees): -155.09473060
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 369
 Altitude accuracy (feet): not available
 Basin area (square miles): 33.6

 Period of record: 1957-1967
 Complete water years: 1958-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 3067
 most recent occurrence: 12/25/1966

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 608
 number of occurrences: 1
 most recent occurrence: 05/25/1964

Flow-duration characteristics based on complete water
 years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	5.3
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16701300
 Station name: Waiakea Stream at Hilo, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.70751710
 Longitude (decimal degrees): -155.08111970
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 80
 Altitude accuracy (feet): 10
 Basin area (square miles): 35.8

 Period of record: 2004-2005
 Complete water years: 2004-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 657
 most recent occurrence: 12/31/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 359
 number of occurrences: 1
 most recent occurrence: 04/12/2004

Flow-duration characteristics based on complete water years during period of record (2 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	4.3
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16701600
 Station name: Alenaio Stream at Hilo, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.71668316
 Longitude (decimal degrees): -155.08806424
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 80
 Altitude accuracy (feet): 10
 Basin area (square miles): 8.62

 Period of record: 2005
 Complete water years: 2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 323
 most recent occurrence: 12/31/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 449
 number of occurrences: 1
 most recent occurrence: 09/15/2005

Flow-duration characteristics based on complete water years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.6
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16701700
 Station name: WAILUKU RIVER NEAR PUA AKALA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.77028969
 Longitude (decimal degrees): -155.36417078
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 6840
 Altitude accuracy (feet): not available
 Basin area (square miles): 10.2

 Period of record: 1964-1966
 Complete water years: 1965

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 625
 most recent occurrence: 10/31/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 46
 number of occurrences: 1
 most recent occurrence: 03/08/1964

Flow-duration characteristics based on complete water
 years during period of record (1 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.13
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16701750
 Station name: WAILUKU RIVER NR HUMUULA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.71223758
 Longitude (decimal degrees): -155.30722728
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 4250
 Altitude accuracy (feet): not available
 Basin area (square miles): 34.8

 Period of record: 1965-1982
 Complete water years: 1966-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 770
 most recent occurrence: 12/31/1980

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 803
 number of occurrences: 1
 most recent occurrence: 11/17/1979

Flow-duration characteristics based on complete water years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.2
50	0.20
55	0.15
60	0.12
65	0.09
70	0.06
75	0.04
80	0.03
85	0.01
90	0
95	0
99	0

Station number: 16701800
 Station name: WAILUKU RIVER NR KAUMANA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.71779323
 Longitude (decimal degrees): -155.26611699
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3520
 Altitude accuracy (feet): not available
 Basin area (square miles): 43.4

 Period of record: 1967-1982
 Complete water years: 1967-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 93
 most recent occurrence: 08/01/1981

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 5380
 number of occurrences: 1
 most recent occurrence: 01/08/1975

Flow-duration characteristics based on complete water
 years during period of record (16 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	30
50	2.8
55	2.2
60	1.7
65	1.4
70	1.1
75	0.94
80	0.77
85	0.58
90	0.37
95	0.19
99	0

Station number: 16703000
 Station name: WAILIKU RIVER AT PUKAMAUI NR HILO, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.70946085
 Longitude (decimal degrees): -155.15695233
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1280
 Altitude accuracy (feet): not available
 Basin area (square miles): 97.2

Period of record: 1923-1940
 Complete water years: 1925,1927,1930-1936,1939

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 187
 most recent occurrence: 03/29/1940

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 8970
 number of occurrences: 1
 most recent occurrence: 08/10/1930

Flow-duration characteristics based on complete water years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	101
50	26
55	22
60	18
65	15
70	13
75	11
80	8.0
85	5.9
90	2.9
95	0.62
99	0

Station number: 16704000
 Station name: Wailuku River at Piihonoua, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.71251628
 Longitude (decimal degrees): -155.15056360
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1090
 Altitude accuracy (feet): 10
 Basin area (square miles): 230

 Period of record: 1928-2005
 Complete water years: 1929-1939,1942-1947,1949-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.22
 number of occurrences: 4
 most recent occurrence: 03/23/1983

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 22200
 number of occurrences: 1
 most recent occurrence: 01/08/1975

Flow-duration characteristics based on complete water years during period of record (74 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	274
50	78
55	66
60	56
65	46
70	39
75	32
80	25
85	19
90	13
95	6.8
99	1.3

Station number: 16709000
 Station name: KAPEHU STREAM AT PIIHONUA, NEAR HILO, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.71779384
 Longitude (decimal degrees): -155.13889718
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 950
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.84

 Period of record: 1929-1937
 Complete water years: 1930-1936

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 2.2
 number of occurrences: 18
 most recent occurrence: 02/28/1936

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1280
 number of occurrences: 1
 most recent occurrence: 12/23/1936

Flow-duration characteristics based on complete water
 years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	53
50	28
55	24
60	22
65	19
70	17
75	15
80	12
85	9.9
90	7.6
95	5.6
99	2.5

Station number: 16716000
 Station name: HONOLII STREAM NEAR HILO, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.76640247
 Longitude (decimal degrees): -155.18556284
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2350
 Altitude accuracy (feet): not available
 Basin area (square miles): 8

 Period of record: 1924-1932
 Complete water years: 1926,1928-1931

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.30
 number of occurrences: 3
 most recent occurrence: 03/03/1925

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 2120
 number of occurrences: 1
 most recent occurrence: 11/21/1924

Flow-duration characteristics based on complete water years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	48
50	12
55	11
60	8.4
65	6.8
70	5.4
75	4.3
80	3.4
85	2.8
90	2.0
95	1.2
99	0.93

Station number: 16717000
 Station name: Honolii Stream nr Papaikou, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.76362500
 Longitude (decimal degrees): -155.15167481
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 1540
 Altitude accuracy (feet): 10
 Basin area (square miles): 11.6

 Period of record: 1911-1913,1967-2005
 Complete water years: 1912,1968-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.80
 number of occurrences: 1
 most recent occurrence: 01/31/1912

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 6410
 number of occurrences: 1
 most recent occurrence: 12/10/1999

Flow-duration characteristics based on complete water years during period of record (39 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	128
50	40
55	35
60	31
65	27
70	23
75	19
80	16
85	13
90	11
95	7.7
99	4.7

Station number: 16717600
 Station name: Alia Stream near Hilo, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.84084356
 Longitude (decimal degrees): -155.10306550
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 489
 Altitude accuracy (feet): 1
 Basin area (square miles): 0.58

 Period of record: 1962-1972
 Complete water years: 1963-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.85
 number of occurrences: 1
 most recent occurrence: 11/13/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 111
 number of occurrences: 1
 most recent occurrence: 02/15/1969

Flow-duration characteristics based on complete water years during period of record (9 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	13
50	11
55	11
60	10
65	9.4
70	8.7
75	8.1
80	7.4
85	6.6
90	5.6
95	3.9
99	2.0

Station number: 16717800
 Station name: POHAKUPUKA STREAM NEAR PAPAALOA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.95249795
 Longitude (decimal degrees): -155.18611665
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 250
 Altitude accuracy (feet): not available
 Basin area (square miles): 2.76

 Period of record: 1962-1980
 Complete water years: 1963-1979

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.32
 number of occurrences: 5
 most recent occurrence: 11/14/1962

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1250
 number of occurrences: 1
 most recent occurrence: 11/12/1973

Flow-duration characteristics based on complete water
 years during period of record (17 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	27
50	7.5
55	6.7
60	5.9
65	5.2
70	4.5
75	3.8
80	3.2
85	2.7
90	2.0
95	1.3
99	0.67

Station number: 16717820
 Station name: MANOWAIOPAE STREAM NEAR LAUPAHOEHOE, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.97333052
 Longitude (decimal degrees): -155.24306011
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 900
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.04

 Period of record: 1965-1972
 Complete water years: 1966-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.12
 number of occurrences: 2
 most recent occurrence: 10/25/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 377
 number of occurrences: 1
 most recent occurrence: 08/25/1970

Flow-duration characteristics based on complete water
 years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.3
50	3.4
55	2.9
60	2.5
65	2.3
70	2.0
75	1.7
80	1.5
85	1.2
90	0.87
95	0.41
99	0.19

Station number: 16720000
 Station name: Kawainui Stream nr Kamuela, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.08527034
 Longitude (decimal degrees): -155.67999693
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 4060
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.58

 Period of record: 1964-2005
 Complete water years: 1965-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.01
 number of occurrences: 14
 most recent occurrence: 12/19/1979

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 612
 number of occurrences: 1
 most recent occurrence: 11/18/1979

Flow-duration characteristics based on complete water
 years during period of record (41 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	15
50	4.5
55	3.4
60	2.7
65	2.1
70	1.7
75	1.3
80	0.99
85	0.73
90	0.49
95	0.28
99	0.10

Station number: 16720300
 Station name: KAWAIKI STREAM NEAR KAMUELA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.08388153
 Longitude (decimal degrees): -155.68027472
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 4090
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.45

 Period of record: 1968-1999
 Complete water years: 1969-1999

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 32
 most recent occurrence: 11/02/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 297
 number of occurrences: 1
 most recent occurrence: 11/18/1979

Flow-duration characteristics based on complete water years during period of record (31 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.8
50	1.3
55	0.98
60	0.77
65	0.60
70	0.48
75	0.38
80	0.29
85	0.23
90	0.16
95	0.10
99	0.02

Station number: 16725000
 Station name: Alakahi Stream near Kamuela, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.07110443
 Longitude (decimal degrees): -155.67083070
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3900
 Altitude accuracy (feet): 20
 Basin area (square miles): 0.87

 Period of record: 1964-2005
 Complete water years: 1965-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.03
 number of occurrences: 13
 most recent occurrence: 10/06/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 338
 number of occurrences: 1
 most recent occurrence: 11/18/1979

Flow-duration characteristics based on complete water
 years during period of record (41 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.8
50	3.0
55	2.6
60	2.2
65	1.8
70	1.5
75	1.2
80	1.0
85	0.79
90	0.58
95	0.37
99	0.16

Station number: 16732200
 Station name: Wailoa Stream near Waipio, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.08804838
 Longitude (decimal degrees): -155.61416453
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 150
 Altitude accuracy (feet): 20
 Basin area (square miles): 14.3

 Period of record: 1964-1969
 Complete water years: 1965-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 38
 number of occurrences: 13
 most recent occurrence: 10/15/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 890
 number of occurrences: 1
 most recent occurrence: 01/11/1967

Flow-duration characteristics based on complete water years during period of record (5 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	74
50	50
55	48
60	47
65	46
70	46
75	45
80	43
85	43
90	42
95	40
99	39

Station number: 16737000
 Station name: WAIILIKAHI STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.12637889
 Longitude (decimal degrees): -155.66138551
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2740
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.76

 Period of record: 1939-1960
 Complete water years: 1940-1959

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.26
 number of occurrences: 1
 most recent occurrence: 03/17/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 326
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water years during period of record (20 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	10
50	4.2
55	3.6
60	3.1
65	2.6
70	2.3
75	2.0
80	1.7
85	1.4
90	1.1
95	0.80
99	0.43

Station number: 16738000
 Station name: KAIMU STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.13860003
 Longitude (decimal degrees): -155.66055197
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1980
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.9

 Period of record: 1939-1947,1950-1952
 Complete water years: 1940-1946,1951

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.23
 number of occurrences: 2
 most recent occurrence: 02/01/1943

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 1030
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.6
50	3.1
55	2.6
60	2.2
65	1.9
70	1.6
75	1.3
80	1.1
85	0.93
90	0.74
95	0.57
99	0.35

Station number: 16739000
 Station name: PUNALULU STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.14415510
 Longitude (decimal degrees): -155.65999633
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1870
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.66

 Period of record: 1939-1952
 Complete water years: 1940-1951

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.11
 number of occurrences: 2
 most recent occurrence: 10/25/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 311
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	6.4
50	2.3
55	2.0
60	1.7
65	1.4
70	1.2
75	0.97
80	0.80
85	0.63
90	0.45
95	0.29
99	0.17

Station number: 16740000
 Station name: WAIAALALA STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.14832134
 Longitude (decimal degrees): -155.66332954
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1880
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.12

 Period of record: 1939-1952
 Complete water years: 1940-1951

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 1
 most recent occurrence: 03/15/1944

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 77
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (12 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.1
50	0.57
55	0.54
60	0.48
65	0.45
70	0.42
75	0.37
80	0.35
85	0.32
90	0.29
95	0.23
99	0.18

Station number: 16741000
 Station name: PAOPAO STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.14832133
 Longitude (decimal degrees): -155.66638504
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1910
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.32

 Period of record: 1939-1952
 Complete water years: 1940-1952

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.14
 number of occurrences: 5
 most recent occurrence: 07/28/1945

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 139
 number of occurrences: 1
 most recent occurrence: 03/10/1942

Flow-duration characteristics based on complete water
 years during period of record (13 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.4
50	1.1
55	0.91
60	0.79
65	0.68
70	0.62
75	0.52
80	0.48
85	0.42
90	0.34
95	0.28
99	0.22

Station number: 16742000
 Station name: KUKUI STREAM NEAR WAIMANU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.15109879
 Longitude (decimal degrees): -155.66805163
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1940
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.22

Period of record: 1939-1952,1960-1966
 Complete water years: 1940-1951,1960-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 10
 most recent occurrence: 10/03/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 65
 number of occurrences: 1
 most recent occurrence: 04/03/1961

Flow-duration characteristics based on complete water
 years during period of record (19 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	2.0
50	0.90
55	0.82
60	0.74
65	0.70
70	0.62
75	0.56
80	0.51
85	0.46
90	0.39
95	0.32
99	0.23

Station number: 16747500
 Station name: E BR HONOKANE NUI STREAM NEAR NUILII, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.13526689
 Longitude (decimal degrees): -155.73055058
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1080
 Altitude accuracy (feet): not available
 Basin area (square miles): 4.96

 Period of record: 1963-1969
 Complete water years: 1964-1969

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 15
 number of occurrences: 198
 most recent occurrence: 12/31/1968

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 150
 number of occurrences: 1
 most recent occurrence: 01/11/1967

Flow-duration characteristics based on complete water years during period of record (6 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	28
50	20
55	20
60	20
65	19
70	19
75	19
80	17
85	17
90	16
95	15
99	15

Station number: 16756000
 Station name: KOHAKOHAU STREAM NEAR KAMUELA, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.04749469
 Longitude (decimal degrees): -155.67999748
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3500
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.34

 Period of record: 1956-1967
 Complete water years: 1957-1966

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.02
 number of occurrences: 1
 most recent occurrence: 10/06/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 721
 number of occurrences: 1
 most recent occurrence: 01/18/1959

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	8.9
50	2.0
55	1.6
60	1.3
65	1.1
70	0.90
75	0.77
80	0.63
85	0.54
90	0.46
95	0.31
99	0.12

Station number: 16756100
 Station name: Kohakohau Stream above DWS Intake, nr Kamuela, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.04638365
 Longitude (decimal degrees): -155.68083080
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3470
 Altitude accuracy (feet): 20
 Basin area (square miles): 2.4

 Period of record: 1998-2005
 Complete water years: 1999-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.15
 number of occurrences: 5
 most recent occurrence: 02/12/2005

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 524
 number of occurrences: 1
 most recent occurrence: 02/26/2002

Flow-duration characteristics based on complete water
 years during period of record (7 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	12
50	2.2
55	1.8
60	1.5
65	1.2
70	0.95
75	0.76
80	0.61
85	0.48
90	0.36
95	0.27
99	0.19

Station number: 16756500
 Station name: Keanuiomano Stream near Kamuela, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.02694059
 Longitude (decimal degrees): -155.69860847
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 2410
 Altitude accuracy (feet): 20
 Basin area (square miles): 4.3

 Period of record: 1964-1972
 Complete water years: 1965-1972

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 245
 most recent occurrence: 11/07/1971

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 786
 number of occurrences: 1
 most recent occurrence: 01/11/1967

Flow-duration characteristics based on complete water
 years during period of record (8 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.8
50	1.2
55	0.94
60	0.73
65	0.58
70	0.45
75	0.31
80	0.20
85	0.10
90	0.02
95	0
99	0

Station number: 16757000
 Station name: WAIKOLOA STREAM NR KAMUELA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 20.05166092
 Longitude (decimal degrees): -155.66416439
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3570
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.78

 Period of record: 1947-1971
 Complete water years: 1948-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.74
 number of occurrences: 7
 most recent occurrence: 10/06/1965

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 282
 number of occurrences: 1
 most recent occurrence: 08/07/1958

Flow-duration characteristics based on complete water
 years during period of record (24 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.1
50	4.0
55	3.6
60	3.3
65	3.0
70	2.8
75	2.6
80	2.3
85	2.1
90	1.9
95	1.6
99	1.2

Station number: 16758000
 Station name: Waikoloa Str at Marine Dam nr Kamuela, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.04360578
 Longitude (decimal degrees): -155.66333112
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3460
 Altitude accuracy (feet): 20
 Basin area (square miles): 1.18

 Period of record: 1947-2005
 Complete water years: 1948-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0.37
 number of occurrences: 1
 most recent occurrence: 06/03/1992

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 641
 number of occurrences: 1
 most recent occurrence: 11/18/1979

Flow-duration characteristics based on complete water
 years during period of record (58 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	9.3
50	4.3
55	3.8
60	3.4
65	3.1
70	2.8
75	2.5
80	2.3
85	2.0
90	1.8
95	1.5
99	1.0

Station number: 16759000
 Station name: Hauani Gulch near Kamuela, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 20.03805027
 Longitude (decimal degrees): -155.64860909
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 3117.42
 Altitude accuracy (feet): 0.01
 Basin area (square miles): 0.47

 Period of record: 1956-2004
 Complete water years: 1957-2004

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 410
 most recent occurrence: 11/08/1984

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 128
 number of occurrences: 1
 most recent occurrence: 03/14/2004

Flow-duration characteristics based on complete water years during period of record (48 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.7
50	0.53
55	0.45
60	0.38
65	0.32
70	0.28
75	0.23
80	0.19
85	0.14
90	0.09
95	0.05
99	0

Station number: 16759200
 Station name: R BR WAIAHA STREAM NEAR HOLUALOA, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.64169184
 Longitude (decimal degrees): -155.91249346
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 3280
 Altitude accuracy (feet): not available
 Basin area (square miles): 1.89

 Period of record: 1960-1982
 Complete water years: 1961-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2457
 most recent occurrence: 12/31/1981

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 127
 number of occurrences: 1
 most recent occurrence: 02/11/1982

Flow-duration characteristics based on complete water years during period of record (22 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.33
50	0.02
55	0.02
60	0.02
65	0.01
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16759300
 Station name: Waiaha Stream at Luawai nr Holualoa, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.63363684
 Longitude (decimal degrees): -155.92638161
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 2580
 Altitude accuracy (feet): 20
 Basin area (square miles): 8.74

 Period of record: 1960-1971
 Complete water years: 1961-1971

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1674
 most recent occurrence: 12/31/1970

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 224
 number of occurrences: 1
 most recent occurrence: 10/03/1968

Flow-duration characteristics based on complete water
 years during period of record (11 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.95
50	0.02
55	0.01
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16759500
 Station name: WAIAHA STREAM NEAR HOLUALOA, HAWAII, HI
 Flow diverted or regulated?: Y
 Latitude (decimal degrees): 19.63363674
 Longitude (decimal degrees): -155.94165887
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 1910
 Altitude accuracy (feet): not available
 Basin area (square miles): 9.35

 Period of record: 1958-1968
 Complete water years: 1959-1968

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 2052
 most recent occurrence: 12/31/1967

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 585
 number of occurrences: 1
 most recent occurrence: 01/18/1959

Flow-duration characteristics based on complete water
 years during period of record (10 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	1.2
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16759800
 Station name: KIILAE STREAM NEAR HONAUNAU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.41142799
 Longitude (decimal degrees): -155.84610103
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2898
 Altitude accuracy (feet): not available
 Basin area (square miles): 0.67

 Period of record: 1958-1982
 Complete water years: 1959-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 3425
 most recent occurrence: 12/31/1981

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 8.4
 number of occurrences: 1
 most recent occurrence: 01/18/1959

Flow-duration characteristics based on complete water
 years during period of record (24 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.21
50	0.03
55	0.02
60	0.01
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16764000
 Station name: HILEA GULCH TRIBUTARY NEAR HONUAPPO, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.17115496
 Longitude (decimal degrees): -155.59666147
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2940
 Altitude accuracy (feet): not available
 Basin area (square miles): 9.17

 Period of record: 1966-1991
 Complete water years: 1967-1991

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 1499
 most recent occurrence: 07/29/1991

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 705
 number of occurrences: 1
 most recent occurrence: 12/25/1981

Flow-duration characteristics based on complete water years during period of record (25 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	7.0
50	0.57
55	0.41
60	0.31
65	0.21
70	0.14
75	0.08
80	0.03
85	0
90	0
95	0
99	0

Station number: 16767000
 Station name: NINOLE GULCH NEAR PUNALUU, HAWAII, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.17587669
 Longitude (decimal degrees): -155.55999564
 Latitude/Longitude accuracy: unknown
 Horizontal datum: nad83
 Altitude (feet): 2080
 Altitude accuracy (feet): not available
 Basin area (square miles): 15.5

 Period of record: 1966-1983
 Complete water years: 1967-1982

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 4170
 most recent occurrence: 10/14/1982

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 854
 number of occurrences: 1
 most recent occurrence: 02/20/1979

Flow-duration characteristics based on complete water years during period of record (16 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	3.6
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0

Station number: 16770500
 Station name: Paauau Gulch at Pahala, HI
 Flow diverted or regulated?: N
 Latitude (decimal degrees): 19.20781980
 Longitude (decimal degrees): -155.47721777
 Latitude/Longitude accuracy: 1 second
 Horizontal datum: nad83
 Altitude (feet): 972
 Altitude accuracy (feet): 10
 Basin area (square miles): 1.74

Period of record: 1962-1979,2002-2005
 Complete water years: 1963-1978,2002-2005

Minimum daily mean discharge during period of record
 discharge, cubic feet per second: 0
 number of occurrences: 6816
 most recent occurrence: 12/31/2004

Maximum daily mean discharge during period of record
 discharge, cubic feet per second: 720
 number of occurrences: 1
 most recent occurrence: 01/08/1975

Flow-duration characteristics based on complete water years during period of record (20 complete years)

Percentage of time discharge equaled or exceeded	Discharge, in cubic feet per second
Mean	0.69
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0
95	0
99	0