

Surface-Water Station Records
for Molokai

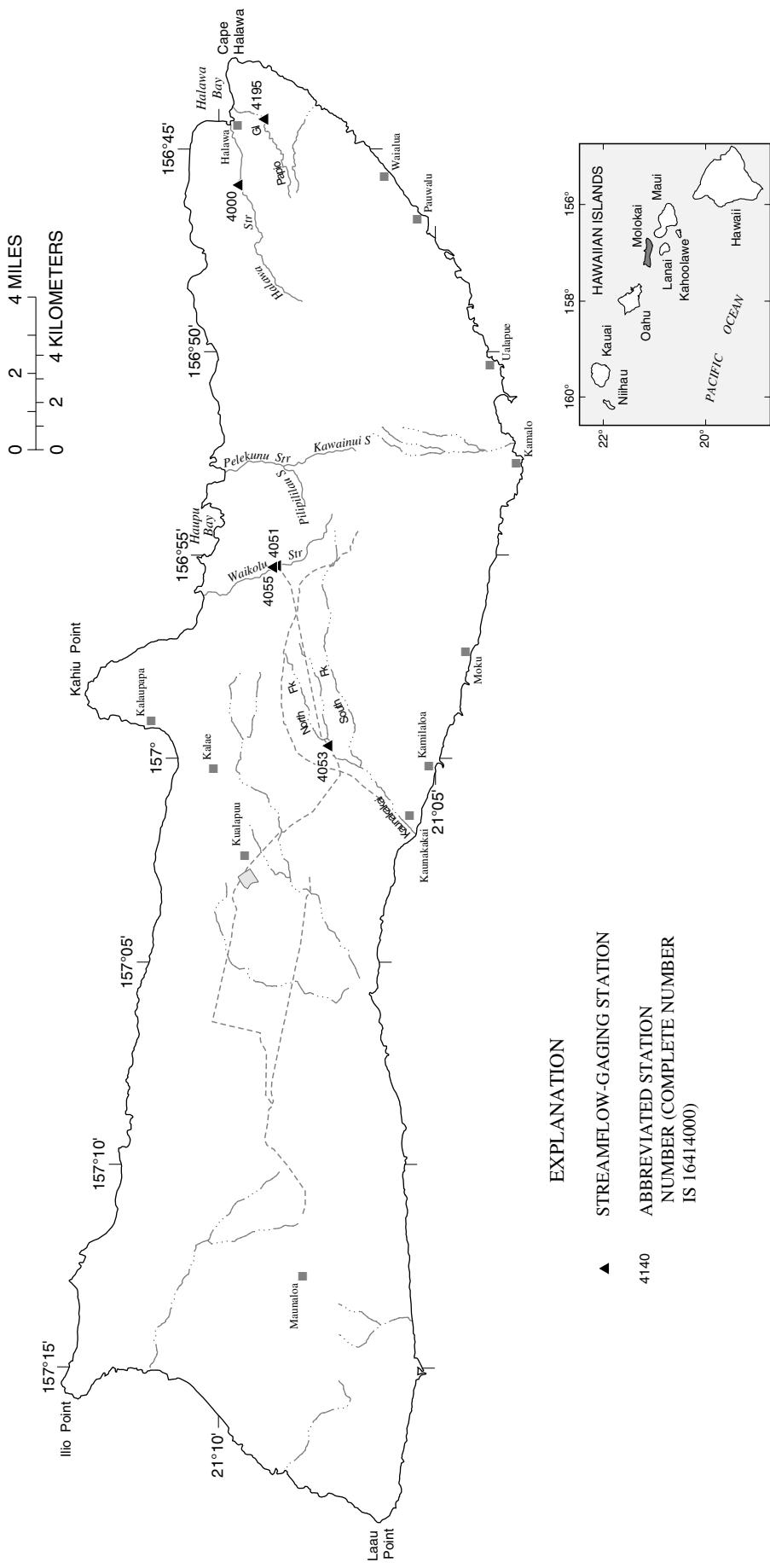
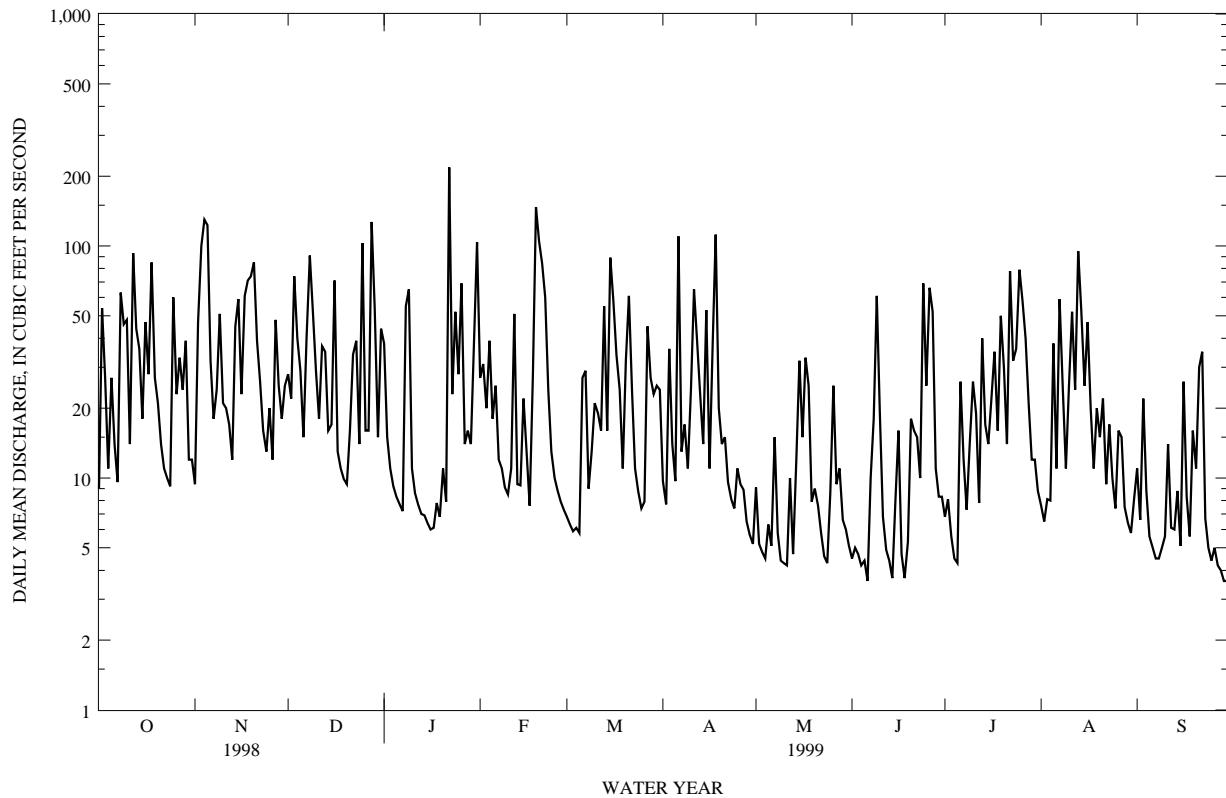


Figure 7. Locations of gaging, water-quality, and partial-record stations on Molokai.

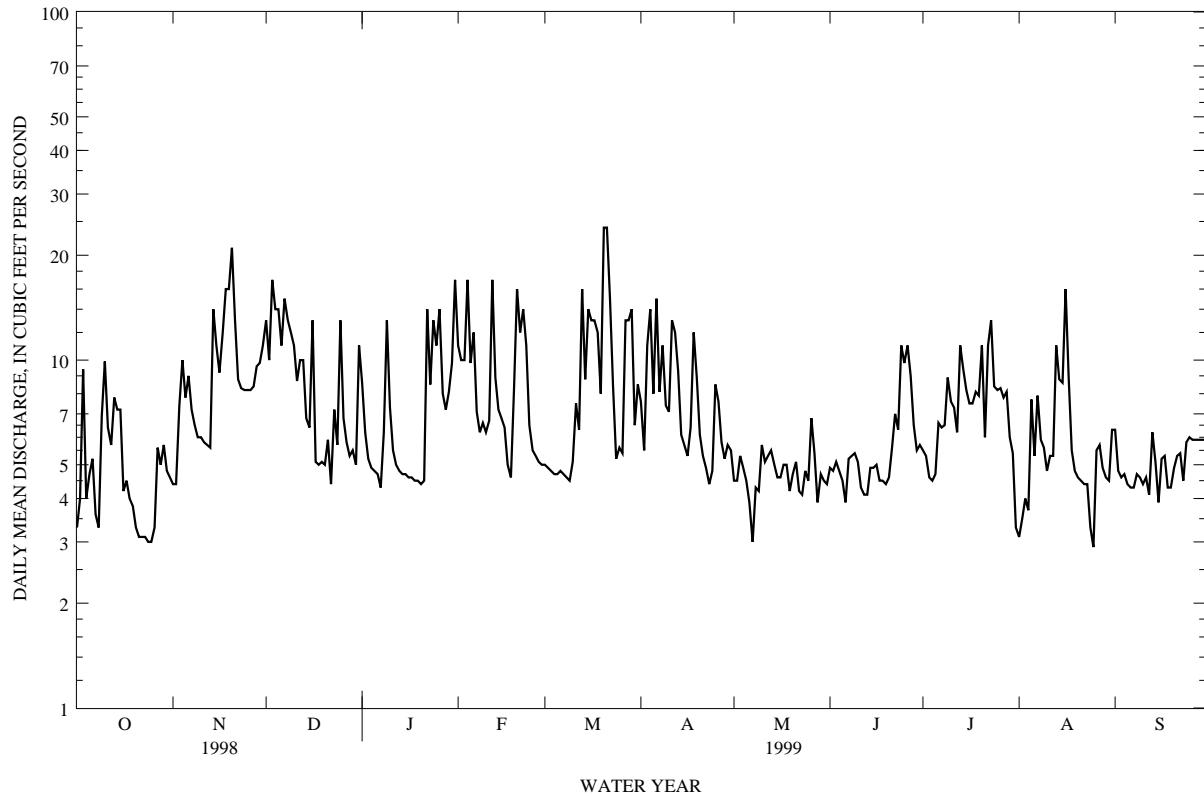
HAWAII, ISLAND OF MOLOKAI
16400000 HALAWA STREAM NEAR HALAWA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1917 - 1999
ANNUAL TOTAL	9200.2	9077.8	
ANNUAL MEAN	25.2	24.9	
HIGHEST ANNUAL MEAN			29.7
LOWEST ANNUAL MEAN			47.4
HIGHEST DAILY MEAN	261	Jan 1	17.4
LOWEST DAILY MEAN	3.6	Feb 17	.86
ANNUAL SEVEN-DAY MINIMUM	3.7	Feb 15	.90
ANNUAL RUNOFF (AC-FT)	18250	18010	21510
10 PERCENT EXCEEDS	58	59	65
50 PERCENT EXCEEDS	15	15	13
90 PERCENT EXCEEDS	5.9	5.2	4.8



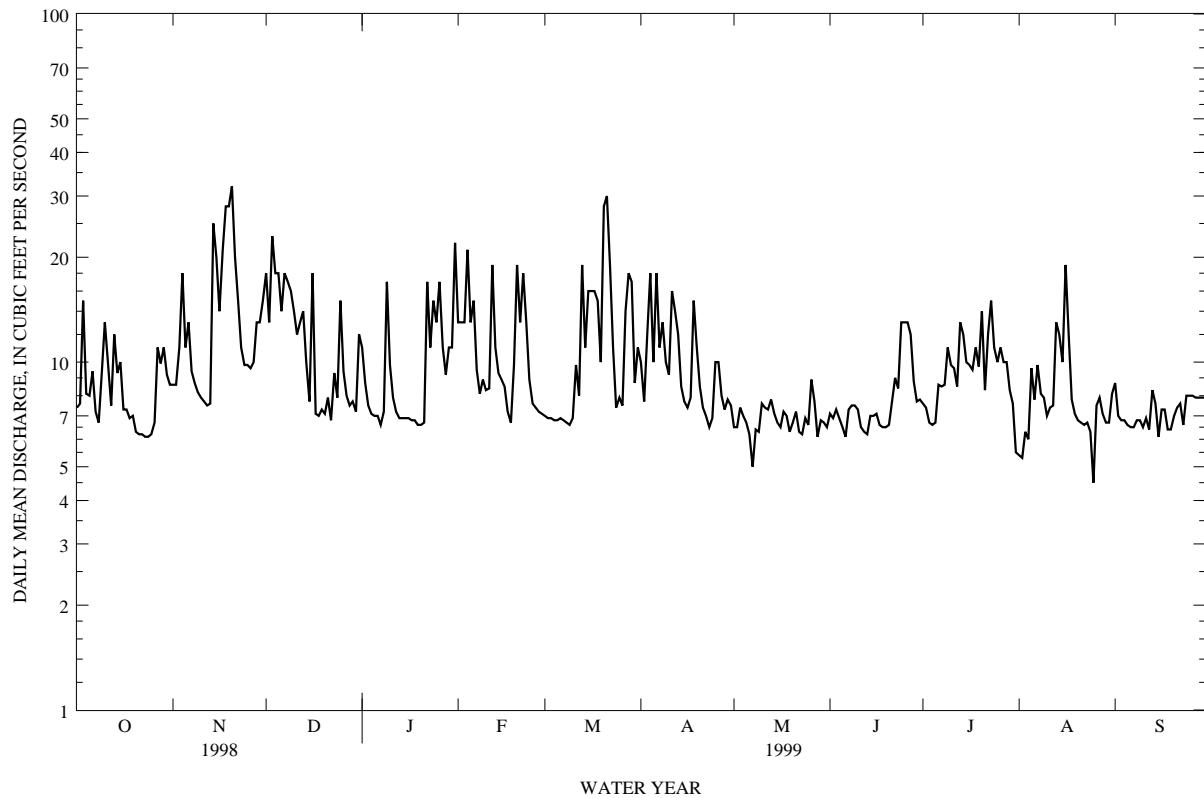
HAWAII, ISLAND OF MOLOKAI
16405100 MOLOKAI TUNNEL AT EAST PORTAL--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1966 - 1999
ANNUAL TOTAL	2444.3	2593.7	
ANNUAL MEAN	6.70	7.11	4.77
HIGHEST ANNUAL MEAN			8.19
LOWEST ANNUAL MEAN			1.31
HIGHEST DAILY MEAN	22 Apr 2	24 Mar 20	41 Mar 19 1986
LOWEST DAILY MEAN	3.0 Sep 28	2.9 Aug 25	.00 Mar 30 1967
ANNUAL SEVEN-DAY MINIMUM	3.1 Oct 20	3.1 Oct 20	.00 Mar 30 1967
ANNUAL RUNOFF (AC-FT)	4850	5140	3450
10 PERCENT EXCEEDS	12	13	9.9
50 PERCENT EXCEEDS	5.3	5.7	3.6
90 PERCENT EXCEEDS	3.3	4.3	1.1



HAWAII, ISLAND OF MOLOKAI
16405300 MOLOKAI TUNNEL AT WEST PORTAL--Continued

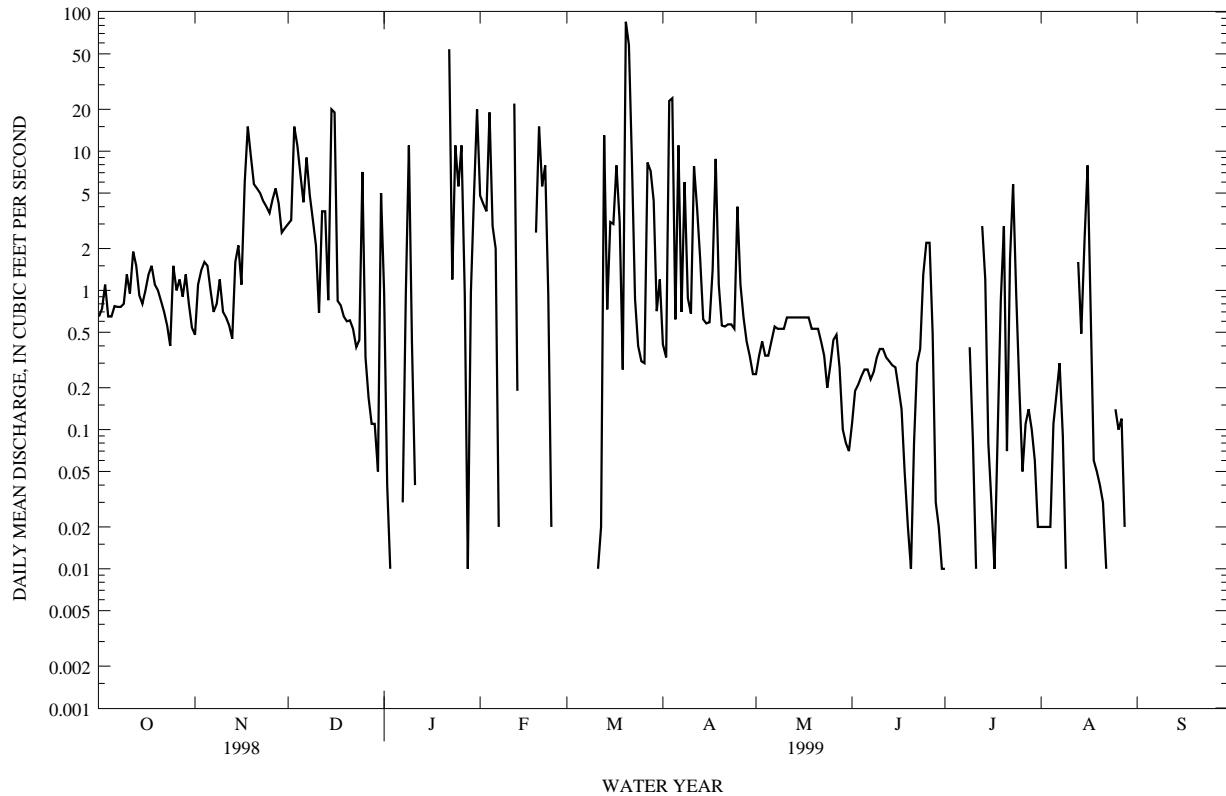
SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1965 - 1999
ANNUAL TOTAL	3608.5	3556.2	
ANNUAL MEAN	9.89	9.74	
HIGHEST ANNUAL MEAN			7.32
LOWEST ANNUAL MEAN			11.4
HIGHEST DAILY MEAN	32 Nov 20	32 Nov 20	3.46
LOWEST DAILY MEAN	5.9 Mar 19	4.5 Aug 25	39 Apr 8 1986
ANNUAL SEVEN-DAY MINIMUM	6.0 Aug 17	6.3 Oct 20	1.8 Oct 15 1967
ANNUAL RUNOFF (AC-FT)	7160	7050	1.9 May 3 1976
10 PERCENT EXCEEDS	16	16	5310 12
50 PERCENT EXCEEDS	8.1	7.9	6.1
90 PERCENT EXCEEDS	6.4	6.5	3.1



HAWAII, ISLAND OF MOLOKAI

16405500 WAIKOLU STREAM AT ALTITUDE 900 FT, NEAR KALAUPAPA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1961 - 1999
ANNUAL TOTAL	923.99	833.47	
ANNUAL MEAN	2.53	2.28	6.04
HIGHEST ANNUAL MEAN			11.8
LOWEST ANNUAL MEAN			1.26
HIGHEST DAILY MEAN	64 Apr 2	85 Mar 20	847 Apr 8 1989
LOWEST DAILY MEAN	.05 Dec 30	.00 Jan 4	.00 Sep 12 1984
ANNUAL SEVEN-DAY MINIMUM	.57 Dec 18	.00 Jan 12	.00 Sep 12 1984
ANNUAL RUNOFF (AC-FT)	1830	1650	4380
10 PERCENT EXCEEDS	5.6	5.6	11
50 PERCENT EXCEEDS	1.0	.43	1.3
90 PERCENT EXCEEDS	.69	.00	.18



HAWAII, ISLAND OF MOLOKAI
16419500 PAPIO GULCH AT HALAWA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1963 - 1999
ANNUAL TOTAL	70.26	37.21	
ANNUAL MEAN	.19	.10	.83
HIGHEST ANNUAL MEAN			2.32
LOWEST ANNUAL MEAN			.063
HIGHEST DAILY MEAN	12 Jan 1	3.8 Jan 22	164 Apr 13 1965
LOWEST DAILY MEAN	.00 Mar 7	.00 Oct 1	.00 Jul 5 1963
ANNUAL SEVEN-DAY MINIMUM	.00 May 13	.00 Oct 1	.00 Aug 3 1963
ANNUAL RUNOFF (AC-FT)	139	74	603
10 PERCENT EXCEEDS	.37	.22	1.5
50 PERCENT EXCEEDS	.07	.00	.22
90 PERCENT EXCEEDS	.00	.00	.00

