



Index of Surface-Water Records to September 30, 1967

Hawaii and Other Pacific Areas

GEOLOGICAL SURVEY
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Index of Surface-Water Records to September 30, 1967

Hawaii and Other Pacific Areas

By H. P. Eisenhuth

G E O L O G I C A L S U R V E Y C I R C U L A R 5 8 6



United States Department of the Interior
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INTRODUCTION

This report lists the streamflow stations in Hawaii and other Pacific areas for which records have been or are to be published in reports of the Geological Survey for periods through September 30, 1967. It supersedes Geological Survey Circular 515.

Basic data on surface-water supply of the United States prior to 1961 have been published in an annual series of water-supply papers consisting of several volumes, one of which was for Hawaii. Water-Supply Paper 1751, entitled "Surface Water Supply of Mariana, Caroline and Samoa Islands through June 1960" contains data for other Pacific areas.

Beginning in 1961, the annual series of water-supply papers on surface-water supply was changed to a 5-year series. Records for the period 1961-65 will be published in a water-supply paper entitled "Surface Water Supply of Hawaii and other Pacific Areas." In order to meet interim requirements, beginning July 1, 1960, the Hawaii district issues reports annually containing streamflow records for Hawaii and other Pacific areas.

In addition to the continuous-record gaging stations, this index includes crest-stage and low-flow partial-record stations. A continuous-record station is a gaging station on a stream or reservoir for which the discharge, stage, or contents is published on a daily, weekly, or monthly basis for a continuous period of time. A crest-stage partial-record station is a streamflow station for which only the annual maximum discharge is published over a period of years for use in floodflow analyses. A low-flow partial-record station is a streamflow station for which only discharge measurements made at base flow, when streamflow is primarily from ground-water storage, are published. Measurements are generally collected over a period of five years or more for use in low-flow analyses. Discharge measurements have been made at many sites and published as miscellaneous measurements. Such measurements are not included in this index except those made in earlier years at sites now classified as low-flow partial-record stations.

Explanation of reference marks is given at the end of the index.

An alphabetical list of streams is given at the end of this circular.

DOWNSTREAM ORDER

The stations in this index are listed in the downstream order used in the series of water-supply papers on surface-water supply of Hawaii since 1951. Starting at the headwater of each stream all stations are listed in a downstream direction. Tributary streams are indicated by indentation and are inserted between main-stem stations in the order in which they enter the main stream. To indicate the rank of any tributary on which a record is available and the stream to which it is immediately tributary, each indentation in the listing of stations represents one rank. A stream name, only, is inserted where necessary for the purpose of showing the proper rank or order of tributaries.

STATION NAMES

Station names are given in their most recently published form. Parentheses around part of a station name indicate that the enclosed word or words were used in an earlier published name of the station or as an alternate name. Parenthetical explanations are also used to indicate that a stream of a different name is the head of the main stream by use of "(head of _____ River)" and that the name of the main stream has changed by use of "(continuation of _____ River)".

STATION NUMBER

As an added means of identification, each continuous- and partial-record station has been assigned a station number. The numbers have been assigned in the same downstream order used in this index. In assigning station numbers, gaps were left to allow for new stations that may be established; hence the numbers are not consecutive. The first two digits of the complete number for each station identify the area, they are 16 for all stations in this report. The number given consists of only the essential digits of the complete number. For example, for a station with the complete number 16-0950.00, the station number shown in this index is 0950.

DRAINAGE AREA

The drainage area, in square miles, is the latest figure published or otherwise available at this time.

PERIODS OF RECORD

Under "Periods of record" are three columns. The first column, "Daily or monthly figures," shows the periods of record for continuous-record gaging stations. The dates given are the calendar years in which records began or ended; breaks of less than a year are not shown. For example, if a record began in October 1923, ended in April 1932, began again in March 1933, and ended in September 1944, the period of record would be shown as 1923-44.

The second column, "Annual peaks," shows the period of record for crest-stage partial-record stations. The dates given are fiscal years for which the annual maximum is available. The fiscal year begins July 1 and ends June 30. In listing the fiscal year, only one date is shown; for example, 1952 stands for the fiscal year July 1, 1951, to June 30, 1952.

The third column "Low-flow measurements," shows the period of record for low-flow partial-record stations, the dates given are the fiscal years in which base-flow measurements were made at low-flow partial-record stations: breaks of less than two years are not shown. Prior to the 1958 water year, such measurements were published in tables headed "Miscellaneous discharge measurements" or "Discharge measurements at sites other than gaging stations." Many discharge measurements have been made at miscellaneous sites which are not listed in this index because the data collected were not sufficient to qualify the site as a low-flow partial-record station.

A date followed by only a dash shows that the station was continued in operation beyond September 30, 1967. A date followed by a period indicates discontinuance. A date followed by a semicolon indicates a break in the collection of records.

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
HAWAII	16-				
ISLAND OF KAUAI					
Kawaikoi Stream (head of Waimea River) near Waimea	0100	a4.1	1909-16;1919-		
Waiaikoali Stream near Waimea.....	0110	a1.7	1909-10;1912*;1919-25.....	.....	1914-18;1961-
Kauaikinana Stream near Waimea.....	0120	1.17	1919-25.....	.....	1912-17;1961-
Poomau Stream (continuation of Kawaikoi Stream):					
Mohihi Stream at altitude 3,420 ft (3,500 ft), near Waimea (near Waimea).	0130	a1.6	1920-26;1936-		
Kokee ditch near Waimea.....	0140	-	1926-		
Mohihi Stream near Waimea.....	0150	a2.2	1909-10;1911-17b.		
Waimea River at altitude 840 ft (890 ft), near Waimea (Waiahulu Stream near Waimea).	0160	20.0	1916;1917-18;1925-		
Koale Stream at altitude 3,770 ft (3,700 ft), near Waimea.	0170	3.33	1919-32;1954-		
Koale Stream near Waimea.....	0180	11.7	1916-18.....	1962-.....	1916;1920-21;1954-55; 1963-
Waialae Stream (River) at altitude 3,820 ft (3,700 ft), near Waimea.	0190	a2.5	1920-32;1952-		
Waialae Stream (River) near Waimea.....	0200	a3.5	1910-16.		
Waialae Stream (River) at altitude 800 ft, near Waimea.	0210	8.75	1916-21.		
Kekaha ditch at Camp 1 (at intake) (at Flume No. 4), near Waimea (near Waimea).	0220	-	1908-		
Kekaha ditch at siphon near Waimea.....	0240	-	1910-12*.		
Kekaha ditch at Flume No. 2 (No. 3), near Waimea.	0250	-	1910-12*.		
Kekaha ditch below (at) tunnel 12, near Waimea..	0270	-	1908-14;1916-34.		
Waimea River below Kekaha ditch intake, near Waimea.	0280	45.0	1921-55.....	1956-	
Waimea ditch near Waimea.....	0290	-	1911-13;1916-21.		
Waimea ditch below wasteway, near Waimea.....	0291	-	1960-		
Mokihana Stream near Waimea.....	0295	4.77	.....	1962-64.....	1962-
Waimea River near Waimea.....	0310	57.8	1910-18;1943-		
Olokele River (head of Makaweli River):					
Olokele ditch at tunnel 12, near Makaweli....	0320	-	1910-17.		
Olokele ditch at weir, near Makaweli.....	0330	-	1912-17.		
Olokele River near Waimea.....	0340	a4.9	1915-16.		
Halekua Stream near Waimea.....	0350	a.6	1913.		
Makaweli River near Waimea.....	0360	a25	1943-		
Poowaiomahaihai ditch near Waimea.....	0370	-	1911-13.		
Makaweli River below Poowaiomahaihai ditch, near Waimea (near Waimea).	0371	a25	1911-17.		
Waimea River at Waimea.....	0380	88.0	1943-61*c.....	1943-	
Hanapepe River:					
Hiloa ditch (at Hanapepe Falls) near Eleele....	0390	-	1911-15.		
East Branch Hanapepe River at Hanapepe Falls, near Eleele.	0410	-	1911-12*.		
Hanapepe ditch at Hanapepe Falls, near Eleele...	0420	-	1911-12;1914-15.		
Hanapepe ditch below intake, near Eleele.....	0430	-	1930-38.		
Hanapepe ditch at Koula, near Eleele.....	0440	-	1910-21;1927-49.		
Hanapepe ditch below makai siphon, near Eleele..	0450	-	1929-32.		
Hanapepe ditch at weir, near Hanapepe.....	0460	-	1912-13;1915-17.		
Hanapepe River at Koula, near Eleele.....	0470	12.6	1910-16.		
Manuahi Stream at Koula, near Eleele.....	0480	5.44	1917-20.		
Hanapepe River below Manuahi Stream (at Koula), near Eleele.	0490	18.8	1917-21;1926-		
"G" ditch at makai siphon, near Eleele.....	0500	-	1929-32.		
Hanapepe River at makai siphon, near Eleele.....	0510	20.5	1929-32.		
Hanapepe River at Hanapepe.....	0520	26.9	1949-60*c.....	1961-	

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
Island of Kauai--Continued					
Lawai Stream near Koloa.....	0525	6.60	1963-.....	1962-63.	
Kamooloa Stream (head of Huleia Stream) near Koloa	0530	al.3	1939-41.		
Papuaa Stream:					
Upper Haiku ditch near Puhi.....	0534	-	1963-		
Lower Haiku ditch near Puhi.....	0536	-	1963-		
Kamooloa Stream near Puhi.....	0538	5.94	1963-		
Kuia Stream near Koloa.....	0540	a.4	1939-41.		
Koloa ditch near Koloa.....	0542	-	1964-		
Koloa tunnel near Koloa.....	0544	-	1966-		
Kuia Stream near Puhi.....	0545	5.04	1963-		
Huleia Stream (River) near Lihue.....	0550	17.6	1912-15;1967-.....	1962-67.	
Hanamaulu Stream (River) at Kapaa, near Lihue....	0560	6.41	1911-13.		
Waiahi Stream (head of Wailua River):					
Waiahi-Kuia aqueduct (Koloa ditch) near Puhi....	0568	-	1964-		
Lihue ditch near Lihue.....	0570	-	1910-19.		
South Fork Wailua River (continuation of Waiahi Stream):					
Hanamaulu ditch near Lihue.....	0580	-	1910-19.		
South Fork Wailua River (above Waiehue Falls) near Lihue.	0600	22.4	1911-		
North Fork Wailua River:					
North Wailua ditch near Lihue.....	0610	-	1932-		
Stable storm ditch near Lihue.....	0620	-	1936-		
North Fork Wailua River at altitude 650 ft, near Lihue.	0630	a6.6	1914-		
Kanaha ditch near Lihue.....	0640	-	1910-11*;1912-55.		
Uhau Iole Stream at elevation 750 ft,near Lihue.	0650	1.21	1912*.		
Keahua Stream at elevation 750 ft,near Lihue	0660	-	1912*.		
Kawi Stream at elevation 750 ft, near Lihue.	0670	.71	1912*.		
East Branch of North Fork Wailua River near Lihue.	0680	a6.2	1912-		
North Fork Wailua River near Lihue.....	0687	14.6	1910-14.		
Wailua ditch near Kapaa.....	0690	-	1936-		
Aahoaka ditch near Kapaa.....	0700	-	1967-		
North Fork Wailua River near Kapaa.....	0710	18.7	1952-		
Opaekaa Stream:					
Left Branch Opaekaa Stream near Kapaa.....	0715	a.7	1960-		
Opaekaa Stream near Kapaa.....	0717	6.33	.....	1962-	
Wailua River near Kapaa.....	0718	52.2	.....	1962-	
Konohiki Stream at Makakuaelele (mauka) weir, near Kapaa.	0720	.61	1911-13.		
Konohiki Stream at Makakuaelele (makai) weir, near Kapaa.	0730	.89	1912.		
Konohiki Stream near Kapaa.....	0735	2.81	.....	1962-	
North Fork Kaehulua Stream at Kainahola weir, near Kapaa.	0740	-	1911-13.		
South Fork Kaehulua Stream at Wainamunamu weir, near Kapaa.	0750	-	1911-13.		
Kaehulua Stream at Kuhinoa weir, near Kapaa.....	0760	-	1911-13.		
Kapaa Stream:					
Makaleha Stream:					
Makaleha ditch near Kealia.....	0770	-	1936-		
Kapaa Stream (River) near Kealia.....	0780	3.05	1910-20.		
Kapahi ditch near Kealia.....	0790	-	1909-14;1915-		
Tunnel ditch at Kapahi, near Kapaa.....	0792	-	1909-11.		
Pipe ditch at Kapahi, near Kapaa.....	0794	-	1909-11.		

Kapaa ditch at Kapahi, near Kapaa.....	0796	-	1909-11.	
Kapaa Stream (River) at Kapahi ditch intake, near Kapaa.	0800	a3.3	1936-	
Akulikuli Spring at weir, near Kapaa.....	0810	-	1911-13.	
Akulikuli Stream near Kapaa.....	0812	.42	.....	1964-
Kealia Stream:				
Kaneha ditch (at Kaneha) (at weir) near Kealia	0820	-	1909-13.	
Kapaa Stream at old highway crossing, near Kealia.	0845	13.2	.....	1962-
Homaikawaa Stream near Kealia.....	0850	.88	.....	1964-
Anahola River at elevation 1,140 ft, near Kealia..	0859	-	1912*.	
Anahola ditch above wasteway (Kaneha Reservoir), near Kealia.	0860	-	1915-21.	
Anahola ditch wasteway near Kealia.....	0870	-	1936-	
Anahola ditch above Kaneha Reservoir, near Kealia.	0880	-	1921-	
Anahola Stream (River above dam at Kiokala) near Kealia.	0890	a5.5	1910b;1912-	
Lower Anahola (Anahola) ditch at Kiokala, near Kealia.	0900	-	1909-14.	
Lower Anahola ditch near Kealia.....	0910	-	1936-	
Lower Anahola (Anahola) ditch at makai weir, near Kealia.	0920	-	1909-10.	
Anahola Stream (River above dam) at Kiokala Dam, near Kealia.	0930	a5.5	1910-11;1912*.	
Anahola Stream at Anahola.....	0932	9.89	1964-.....	1962-65.
Puu Ka Ele Stream (head of Kilauea Stream):				
Ka Loko ditch near Kilauea.....	0942	-	1932-	
Puu Ka Ele ditch near Kilauea.....	0950	-	1932-	
Ross ditch near Kilauea.....	0952	-	1956-	
Pohakuhonu Stream (head of Kahiliholo Stream):				
Kalihiwai ditch above wasteway, near Kilauea..	0959	-	1960-	
Kalihiwai ditch near Kilauea.....	0960	-	1934-	
Pohakuhonu Stream near Kilauea.....	0970	a1.8	1957-	
Halaaulani Stream near Kilauea.....	0973	.15	1922-25.	
Halaaulani Stream at altitude 400 ft, near Kilauea.	0975	a1.1	1957-	
Puukumi Stream near Kilauea.....	0979	.87	.....	1964-
Kalihiwai River near Hanalei.....	0980	3.34	1914-23.	
Kalihiwai River near Kilauea.....	0990	3.92	1912-13.	
Hanalei ditch near Kilauea.....	0995	-	1956-62.	
Hanalei River:				
Hanalei tunnel outlet near Lihue.....	1000	-	1932-	
Hanalei River at altitude 625 ft, near Hanalei....	1010	a7.4	1914-55.	
China ditch near Hanalei.....	1020	-	1912-19.	
Hanalei River near Hanalei.....	1030	19.1	1912-19;1962-.....	1962.
Kuna ditch near Hanalei.....	1040	-	1912-13;1916-19.	
Hanalei River at Belt Road Bridge, near Hanalei...	1042	21.0	.....	1963-
Waioli Stream near Hanalei.....	1050	a1.5	1914-32.	
Lumahai River near Hanalei.....	1060	a7.5	1914-17;1920-33.	
Lumahai River near Wainiha.....	1070	-	1912*.	
Wainiha River near Hanalei.....	1080	10.2	1952-56;1957-	
Wainiha River above intake near Hanalei (near Wainiha).	1090	11.4	1914-16.	
Wainiha Canal at intake, near Wainiha.....	1100	-	1910-16.	
Wainiha Canal at tunnel 18, near Wainiha.....	1110	-	1911.	
Wainiha Canal at tailrace, near Wainiha.....	1120	-	1911.	
Wainiha River near Wainiha.....	1130	14.7	1912-16.	
Hanakapi'ai Stream near Hanalei.....	1150	a2.6	1931-52.	
Hanakoa Stream near Hanalei.....	1160	a1.1	1931-52.	
Kalalau Stream near Hanalei.....	1170	a1.6	1931-55.	
Nahomalu Valley (Stream) near Mana.....	1300	3.77	1963-.....	1962-63.
Hoea Stream near Kekaha.....	1400	7.58	.....	1962-64.

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
ISLAND OF OAHU					
(Left Branch of) North Fork Kaukonahua Stream above Right Branch near Wahiawa.	2000	1.38	1913-53;1960-		
Right Branch of North Fork Kaukonahua Stream near Wahiawa.	2010	1.20	1913-33;1934-53.....	.....	1960-62;1966-
Mauka (Kaukonahua) ditch near Wahiawa.....	2030	-	1947-		
North Fork Kaukonahua Stream near Wahiawa.....	2040	4.86	1946-		
South Fork Kaukonahua Stream near Wahiawa (above United States Army reservoir).	2060	1.93	1913-17;1944-57.		
Koolau (United States Army) ditch at reservoir, near Wahiawa.	2065	-	1914-15.		
South Fork Kaukonahua Stream below United States Army reservoir, near Wahiawa.	2070	4.0	1914-17.		
South Fork Kaukonahua Stream at East Pump Reservoir, near Wahiawa.	2080	4.04	1957-		
Right Branch of South Fork Kaukonahua Stream near Wahiawa.	2085	.86	1957-		
South Fork Kaukonahua Stream above Wahiawa Reservoir, near Wahiawa.	2090	5.26	1946-58.		
Poamoho Stream:					
Poamoho tunnel near Wahiawa.....	2109	-	1958-		
Poamoho Stream near Wahiawa.....	2110	1.79	1947-		
Poamoho Stream at Waialua.....	2112	10.9	.....	1967-	
Makaleha Stream near Waialua.....	2113	4.15	.....	1958-	
Makua Stream at Makua.....	2115	4.13	.....	1958-	
Makaha Stream near Makaha.....	2116	2.31	1959-		
Makaha Stream at Makaha.....	2117	5.25	.....	1967-	
Kaupuni Stream at altitude 374 ft (360 ft), near Waianae.	2118	3.58	1960-		
Puea mauka ditch near Waianae.....	2118.5	-	1960-62.		
Kaupuni Stream near Waianae.....	2119	4.39	.....	1958-60.	
Puhawai Stream at Lualualei, near Waianae.....	2120	4.6	1930-44.		
Maililili Stream near Waianae (at Lualualei Naval Reservation).	2122	1.51	.....	1958-	
Ulehawa Stream at Nanakuli.....	2122.5	4.51	.....	1967-	
Nanakuli Stream at Nanakuli.....	2123	3.98	.....	1967-	
Awanui Stream near Barbers Point Naval Air Station	2124	1.16	.....	1958.	
Awanui Stream at Gilbert, near Barbers Point Lighthouse.	2124.01	2.50	.....	1959-64.	
Kaloi Gulch:					
Kaloi Gulch tributary near Honouliuli.....	2124.5	1.70	.....	1967-	
Honouliuli Stream near Waipahu.....	2125	11.0	.....	1955-	
Waikele Stream at Schofield Barracks.....	2126	5.05	.....	1958.	
Waikele Stream at Wheeler Field.....	2126.01	6.35	.....	1958-	
Waikakalaua Stream near Wahiawa.....	2127	6.96	.....	1958-	
Kipapa Stream near Wahiawa.....	2128	4.29	1957-		
Kipapa Stream near Waipahu.....	2129	14.8	1967-		
Waikele Stream at Waipahu.....	2130	45.7	1951b;1952-		
Pearl Harbor Springs at Waiawa, near Pearl City..	2140	-	1931-34;1937-64.		
Morikone Pond Outlet at Pearl City.....	2150	-	1951-60.		
Waiawa Stream near Pearl City.....	2160	26.4	1952-		
Waimano flood channel at Pearl City.....	2165	2.63	.....	1955-	
Pearl Harbor Springs at Puukapu, near Pearl City..	2170	-	1951-48.		
Pearl Harbor Springs at Loko Kukona, near Pearl City.	2180	-	1931-45.		
Pearl Harbor Springs at Kaluaopu, near Pearl City	2185	-	1931-37;1952-53.		
Hawaiian Electric Co. tunnel at Waiiau, near Pearl City.	2190	-	1939-45;1952-67.		

Pearl Harbor Springs at Waiiau, near Pearl City....	2220	-	1931-39;1943-46.	
Waimalu Stream near Aiea.....	2230	6.07	1952-62;1963-	
Pearl Harbor Springs at Kalauao, near Aiea.....	2240	-	1931-65;1966-	
Kalauao Stream at Moanalua Road, at Aiea.....	2245	2.59	1957-	
Kalauao Stream at Aiea.....	2250	2.61	1953-57.	
North Halawa Stream (head of Halawa Stream) near Aiea.	2260	3.45	1929-33;1953-	
Halawa Stream near Aiea.....	2270	8.78	1953-62.....	1965-
Moanalua Stream near Honolulu.....	2280	2.73	1926-	
Moanalua Stream at altitude 100 ft, near Honolulu.	2285	4.16	.....	1958-
Kalihi Stream near Kaneohe.....	2289	.60	1967-	
Kalihi Stream near Honolulu.....	2290	2.61	1913-	
Kalihi Stream at Kalihi.....	2293	5.18	1962-.....	1960.
Nuuanu Stream:				
Lulumahu Stream:				
Lulumahu ditch at upper Nuuanu Reservoir, near Honolulu.	2300	-	1911-13.	
(Nuuanu Stream at) Luakaha weir in upper Nuuanu Valley, near Honolulu.	2310	-	1910-13.	
Moole Stream:				
Moole ditch, mauka station, near Honolulu....	2315	-	1917-20.	
Moole ditch, makai station, near Honolulu....	2317	-	1918-23.	
Nuuanu Stream below reservoir 2 wasteway, near Honolulu.	2320	3.35	1913-	
Nuuanu Stream at Kuakini Street, near Honolulu....	2350	4.39	1911-12.	
Nuuanu Stream above Waolani Stream (confluence), at Honolulu.	2351	4.38	.....	1961-62.
Waolani Stream at Honolulu.....	2354	1.29	.....	1958-
Waolani Stream at mouth, at Honolulu.....	2356	1.69	.....	1961-62.
Pauoa Stream:				
Kahuawai Spring near Honolulu (at upper Pauoa Valley).	2360	-	1912-14.	
Pauoa Stream at upper Pauoa Valley,near Honolulu	2370	.79	1911-13.	
Pauoa Stream (at Lusitana Street), at Honolulu..	2375	1.43	.....	1958-
East Branch Manoa Stream:				
East Manoa ditch near Honolulu.....	2380	-	1915-16;1918-21;1925-39.	
East Branch Manoa Stream near Honolulu.....	2390	1.06	1913-21;1925-	
West Branch Manoa Stream near Honolulu.....	2400	1.14	1913-21;1925-	
Manoa Stream at upper Manoa Valley, near Honolulu.	2410	2.62	1910-13.	
Manoa Stream at College of Hawaii, near Honolulu..	2420	4.99	1909-10b;1912-18.	
Manoa Stream at Waiialae Road, near Honolulu.....	2430	-	1910-12.	
Pukele Stream (head of Palolo Stream) near Honolulu.	2440	1.18	1926-	
Waiomao Stream at upper Palolo Valley, (at 950-foot elevation, 900-foot eleva- tion), near Honolulu.	2450	.35	1911-13.	
Waiomao Stream above Pukele Stream, near Honolulu.	2460	1.04	1911-12;1926-	
Palolo Stream near Honolulu.....	2470	3.63	1952-	
Palolo-Manoa drainage canal at Moiliili.....	2471	9.35	.....	1967-
Waialaenui Gulch at Honolulu.....	2472	1.75	.....	1958-
Wailupe Gulch at Aina Haina.....	2475	2.35	.....	1958-
Kuliouou Stream at Kuliouou.....	2479	1.21	.....	1959-62.
Inoaole Stream at Waimanalo.....	2488	1.21	.....	1958-
Waimanalo Stream:				
Waimanalo ditch below main reservoir, near Waimanalo.	2489	-	1912-13.	
Waimanalo Stream at Waimanalo.....	2490	2.16	1967-	
Pump ditch near Waimanalo.....	2490.5	-	1912*.	
Kaelepu Stream:				
Kaelepu Stream tributary at Kailua.....	2491	.16	.....	1963-
Maunawili (Kaimi) Stream near Waimanalo.....	2492	1.28	1912-16.	

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
Island of Oahu--Continued					
Maunawili Stream--Continued					
Makawao Stream:					
Main Spring near Kailua.....	2494	-	1914-16.		
Makawao Spring near Kailua.....	2496	-	1914-16.		
Makawao ditch (flume) near Kailua (Waimanalo).	2498	-	1912*;1913-15.		
Maunawili ditch near Waimanalo.....	2500	-	1954-		
Makawao Stream near Kailua.....	2540	2.04	1912-16;1958-		
Omao Stream:					
Kamakalepo Stream near Kailua (Waimanalo)....	2560	.82	1912*;1913-16.		
Pohakea Stream near Kailua (Waimanalo).....	2570	.21	1912-14.		
Maunawili (Kailua) Stream above Wong Leong's ditch, near Kailua.	2580	a4.6	1922-23.		
Maunawili (Kailua) Stream near Kailua (Waimanalo).	2600	a4.6	1912*;1913-16.		
Maunawili Stream at highway 61, (above Kailua Road), near Kailua.	2605	5.34	1966-.....	1958-66.....	1922;1957-62;1965-66.
North Branch Kahanaiki Stream near Kailua.....	2610	.34	1913-14.		
South Branch Kahanaiki Stream in Kailua Valley, near Kailua.	2620	-	1913-14.		
Kahanaiki Stream near Kailua (Waimanalo).....	2630	.58	1912*;1914-16.		
Kahanaiki Stream at Kailua Road, near Kailua....	2641	1.45	.....	.....	1957-
Kawainui Swamp drainage canal at Kailua Road, at Kailua.	2644	-	.....	1962-	
Kawainui Swamp drainage canal at Wanaao Road, at Kailua.	2645	-	.....	1962-63.	
Kawainui Canal at Kailua.....	2648	11.0	.....	1962-	
Kawa Stream near Kaneohe.....	2650	1.19	1914-16.....	1965.	
Kamooalii (Kaneohe) Stream near Kaneohe.....	2660	1.48	1914-16.		
Hooleinaiwa Stream near Kaneohe.....	2670	.61	1914-16.		
Piho Stream near Kaneohe.....	2680	.43	1914-16.		
Kuou ditch near Kaneohe.....	2690	-	1914-16.		
Kuou Stream near Kaneohe.....	2700	.37	1914-16.		
Kamooalii Stream below Kuou Stream, near Kaneohe..	2705	3.21	1967-		
Luluku Stream at altitude 220 ft, near Kaneohe..	2709	.44	1967-.....	.....	1960-66.
North Luluku ditch near Kaneohe.....	2710	-	1914-16.		
Luluku Stream near Kaneohe.....	2720	.46	1914-16.		
Young Mau ditch near Kaneohe.....	2730	-	1914-16.		
Kamooalii Stream at Kaneohe.....	2739	4.38	1959-		
Ahlo ditch near Kaneohe.....	2740	-	1914-16.		
Keaahala Stream at Kamehameha Highway, at Kaneohe.	2744.99	.62	.....	1958-.....	1961-
Keaahala Stream at Kaneohe.....	2745	.84	.....	1958.	
Haiku Stream (head of Heeia Stream) near Heeia....	2750	.97	1914-19;1939-		
Reservoir ditch near Heeia.....	2760	-	1914-16.		
Walpio ditch near Heeia.....	2770	-	1914-16.		
Iolekaa Stream mauka near Heeia.....	2780	.29	1940-		
Iolekaa Stream near Heeia.....	2790	.52	1914-16.		
Heeia Stream at Kaneohe.....	2795	1.80	.....	1967-	
Wing Wo Tai ditch near Heeia.....	2800	-	1914-16.		
Hop Tuck ditch near Heeia.....	2810	-	1914-16.		
Lee ditch near Heeia.....	2820	-	1914-16.		
Kahaluu Stream near Heeia.....	2830	.28	1935-		
Kahaluu Stream left bank tributary near Kahaluu.	2831	.12	.....	.....	1960-62.
Kahaluu Stream near Kahaluu.....	2834	1.29	.....	.....	1962-63;1966-
Ahuimanu Stream near Kahaluu.....	2834.8	2.31	.....	1963-.....	1962-
Kahaluu Stream at Kahaluu.....	2835	3.73	1967-.....	1960-62.	
South Fork Waihee Stream near Heeia.....	2836	.03	1962-		
North Fork Waihee Stream near Heeia.....	2837	.03	1962-		
Waihee Stream at altitude 260 ft, near Heeia.	2838	.31	1961-		

Waihee Stream near Heeia.....	2840	.93	1935-		
Waihee Stream above Kahului Stream, near Kahaluu	2845	2.26	1967-.....	.....	1960-66.
Waiahole tunnel at Waianu, near Waiahole.....	2850	-	1950-		
Waiahole tunnel wasteway at intake 31, near Waiahole.	2860	-	1951-		
Waiahole tunnel at north portal, near Waiahole....	2870	-	1951-		
Waiahole tunnel at adit 8, near Waipahu.....	2872	-	1916-55d;1956-		
Halona Stream near Waikane.....	2880	-	1911.		
Waihi Stream near Waikane.....	2890	-	1911.		
Waiahole Stream below powerhouse, near Waiahole...	2900	.46	1914*;1915;1916*.		
Waiahole Stream at altitude 250 ft, near Waiahole.	2910	.99	1955-		
Waiahole Stream near Waiahole (at Manianiaula, near Waikane).	2920	1.22	1911-16.		
Waianu Stream near Waikane.....	2930	-	1911.		
Waianu Stream at Waiahole.....	2931	1.65	.....	.....	1961-
Waiahole Stream at Waiahole, near Waikane.....	2940	a3.6	1911-12.		
Waikane Stream at altitude 75 ft, near Waikane....	2949	2.22	1959-		
Waikane Stream near Waikane.....	2950	-	1912*.		
Waikane Stream at Waikane.....	2952	2.60	.....	1958-60.	
Makaua Stream at Kaaawa.....	2959	.53	.....	1958-62.	
Kahana Stream at mauka trail crossing, near Kahana	2959.95	3.18	.....	.....	1961-62;1966-
Kahana Stream near Kahana.....	2960	23.2	1914-17.		
Kahana Stream at altitude 30 ft, near Kahana.....	2965	3.74	1958-		
Kawa (East Branch Kahana) Stream near Kahana....	2970	2.11	1914-17.....	.....	1958;1961-62;1966-
Punaluu Stream near Hauula.....	2980	-	1906-7.		
Punaluu Stream at elevation 539 ft, near Punaluu..	2990	.98	1915-18.		
Waihoi Stream near Punaluu.....	3000	a.5	1915-17.		
Punaluu Stream at elevation 250 ft, near Punaluu..	3010	2.78	1914-18.		
Punaluu ditch near Punaluu.....	3020	-	1953-		
Punaluu Stream near Punaluu.....	3030	2.78	1953-		
Kaluanui Stream near Hauula.....	3040	a.5	1915-17.		
Kaluanui Stream near Punaluu.....	3042	1.11	1967-		
Kaluanui Stream at altitude 30 ft, near Hauula....	3045	2.12	.....	1958-	
Kaipapau Stream near Hauula.....	3050	-	1906-7.		
Koloa Gulch (Stream) near Laie.....	3060	a.9	1914-18.		
Waiiale Gulch (Stream) near Laie.....	3070	a.5	1914-15;1916-18.		
East Branch Kahawainui Stream near Laie.....	3080	.53	1914-18.		
Malaekahana Stream near Laie.....	3089.9	.64	1963-		
East Branch Malaekahana Stream near Kahuku.....	3090	1.66	1914-18.		
Middle Branch Malaekahana Stream near Kahuku....	3100	.69	1914-18.		
Malaekahana Stream at altitude 70 ft, near Kahuku.	3105	3.10	.....	1958.	
Malaekahana Stream at altitude 30 ft, near Kahuku.	3105.01	4.05	.....	1959-	
Oio Stream near Kahuku.....	3110	2.13	.....	1958-	
Paumalu Gulch at Sunset Beach.....	3180	2.59	.....	1967-	
Waimea Stream:					
Kamananui Stream at Pupukea Military Road, near Maunawai.	3250	3.13	1963-.....	.....	1960-63.
Kawaikoele Stream:					
Kawaikoele Stream tributary near Maunawai...	3290	.97	1967-		
Kamananui Stream at Maunawai.....	3300	9.79	1958-		
Waimea Gulch near Kawailoa Camp.....	3310	2.23	.....	1967-	
Kawainui Stream above Kamananui ditch, near Wahiawa.	3350	4.75	.....	.....	1961-62.
Anahulu River near Haleiwa.....	3400	13.5	.....	1958-	
Anahulu River tributary near Haleiwa.....	3405	.83	1967-		
Helemano Stream at Haleiwa.....	3430	14.2	1967-		
Paukaulla Stream:					
Opaeula Stream near Wahiawa.....	3450	2.98	1959-		
Opaeula Stream near Haleiwa.....	3500	5.96	.....	1958-	
ISLAND OF MOLOKAI					
Halawa Stream near Halawa.....	4000	4.62	1917-32;1937-		
Papalaua Stream near Pukoo.....	4010	a2.0	1919-29.		
Pulena Stream (head of Wailau Stream) near Wailau.	4020	4.38	1919-28;1937-57.		
Waiakeakua Stream near Wailau.....	4030	1.41	1919-29;1937-57.		

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
Island of Molokai--Continued					
Pelekunu Stream near Pelekunu.....	4040	2.62	1919-29;1937-57.		
Lanipuni Stream near Pelekunu.....	4050	1.09	1919-29;1937-57.		
Waikolu Stream:					
Molokai tunnel at east portal.....	4051	-	1966-		
Molokai tunnel at west portal.....	4053	-	1965-		
Waikolu Stream at altitude 900 ft, near Kalaupapa.	4055	1.99	1956-61;1962-		
Waikolu Stream at elevation 650 ft, near Kalaupapa	4060	2.99	1920-23.		
Waikolu Stream below (at) pipeline crossing, near Kalaupapa.	4080	3.68	1919-32;1937-		
Waihanau Stream near Kalaupapa.....	4090	1.18	1930-32.		
Keolewa Stream near Kalae.....	4100	.18	1940-44.		
Waialala Springs near Kalae.....	4110	-	1940-60.		
Kakaako Gulch at Highway 46, near Mauna Loa.....	4113	.55	.....	1964-	
Kakaako Gulch above Kamakahi Gulch, near Mauna Loa	4113.2	1.40	.....	1964-	
Kakaako Gulch near Mauna Loa.....	4114	5.34	1963-		
Kaunahu Gulch near Mauna Loa.....	4116	.28	.....	1964-	
Halena Gulch near Mauna Loa.....	4116.4	2.07	.....	1965-	
Kaluapeelua Gulch at Hoolehua.....	4118	1.46	.....	1964-	
Kaluapeelua Gulch tributary near Molokai Airport	4119	1.56	.....	1964-	
Manawainui Gulch:					
Waikalae Gulch:					
Waianui Gulch:					
Mokomoko Gulch (Makaeleele Stream) near Kalae.	4120	.23	1940-45.		
Kapuna Stream near Kalae.....	4130	.18	1940-49.		
Manawainui Gulch near Kualapuu.....	4135	10.4	.....	1965-	
Kaunakakai Gulch (Stream) at Kaunakakai.....	4140	6.57	1949-		
Kamiloloa Gulch at Kaunakakai.....	4141	3.24	.....	1965-	
Kawela Gulch:					
(Right Branch of) East Fork Kawela Gulch (Stream) near Kamalo.	4150	.45	1946-		
Wawaia Gulch at Kamalo.....	4154	2.12	.....	1964-	
Punaula Gulch (Stream) near Pukoo.....	4160	.24	1947-		
Pohakupili Gulch near Halawa.....	4190	.48	.....	1964-	
Papio Gulch at Halawa.....	4195	.94	1963-		
ISLAND OF MAUI					
Kepuni Gulch near Kahikinui House.....	5001	1.91	1963-		
Hawelewele Gulch near Kaupo.....	5003	11.3	.....	1967-	
Kukuiula Gulch near Kipahulu.....	5008	.76	.....	1963-67.	
Palihea Stream (head of Oheo Gulch) below diversion dam (Oheo Stream at elevation 1,550 ft, below diversion dam), near Kipahulu.	5010	6.29	1927-29;1931-		
Hahalawe Gulch (Right Branch Hahalawe Stream, Kahalawe Stream) near Kipahulu.	5020	.43	1927-		
Pukuilua Gulch near Hana.....	5024	.48	.....	1963-	
Moomoonui Gulch at Hana.....	5028	.90	.....	1963-	
Kawaipapa Gulch at Hana.....	5029	5.83	.....	1965-	
Hana flums:					
Kaeleku flume near Kaeleku.....	5030	-	1940-45.		
Hana flume near Hana.....	5040	-	1940-45.		
Makapipi Stream:					
Makapipi ditch near Nahiku.....	5060	-	1948-66.		
West Makapipi Spring near Nahiku.....	5065	-	1932-45.		

Makapipi Stream near Nahiku.....	5070	1.93	1932-45.		
Hanawi Stream near Nahiku.....	5080	3.49	1914-16;1921-		
Hanawi Stream below Government Road, near Nahiku..	5090	5.06	1932-47.		
Kapaula Gulch (Stream) near Nahiku.....	5100	.69	1921-63.		
Kapaula Gulch (Stream) below Government Road, near Nahiku.	5110	.93	1932-47.		
Koolau ditch at Nahiku weir, near Nahiku.....	5120	-	1919-		
Walaaka Stream near Nahiku.....	5130	.10	1932-47.		
Paakea Gulch (Stream) near Nahiku.....	5140	.34	1932-47.		
Waiohuae Gulch (Stream) near Nahiku.....	5150	.32	1921-63.		
(West) Kopiliula Stream near Keanae.....	5160	4.31	1914-17;1921-58.		
East Wailuaiki Stream near Keanae.....	5170	3.11	1913-17;1921*;1922-58.		
West Wailuaiki Stream near Keanae.....	5180	3.66	1914-17;1921-		
West Wailuanui Stream near Keanae.....	5190	1.93	1913-17;1922-58.		
East Wailuanui Stream near Keanae.....	5200	.51	1914-17;1921-58.		
Wailuanui Stream near Keanae.....	5210	2.51	1932-36;1938-47.		
Palauhulu Stream:					
Taro patch feeder ditch at Keanae.....	5220	-	1934-		
Koolau ditch near Keanae.....	5230	-	1910-12;1917-		
Honomanu Stream at Kaiku-uka boundary, near Kailiili.	5240	2.54	1919-27;1932-34;1962-		
Seventh Branch Honomanu Stream at Haiku-uka boundary, near Kailiili.	5250	a.3	1932-33.		
Fourth Branch Honomanu Stream at Kaiku-uka boundary, near Kailiili.	5260	a.1	1932-33.		
Honomanu Stream near Keanae.....	5270	3.17	1913-64.		
Spreckels ditch at station 1, near Huelo.....	5280	-	1910-13.		
Spreckels ditch at station 2, near Huelo.....	5290	-	1911-13.		
Spreckels ditch at station 3, near Huelo.....	5300	-	1910-13.		
Haipuaena Stream:					
Kula diversion from Haipuaena Stream, near Olinda.	5310	-	1945-		
Haipuaena Stream at Kula pipeline intake, near Olinda.	5311	.27	1946b;1947-		
Haipuaena Stream at Haiku-uka boundary, near Kailiili.	5320	.61	1919-27;1932-34.....	.....	1963-
Third Branch Haipuaena Stream at Haiku-uka boundary, near Kailiili.	5330	.06	1932-33.		
First Branch Haipuaena Stream at Haiku-uka boundary, near Kailiili.	5340	.05	1932-33.		
Haipuaena diversion ditch at Kolea Gulch, near Keanae.	5350	-	1938-60.		
Haipuaena Stream above Spreckels ditch, near Huelo (near Huelo).	5360	1.16	1913-		
Haipuaena Stream near Huelo.....	5370	a1.1	1910-13.		
Spreckels ditch at Haipuaena weir (Haipuaena), near Huelo.	5380	-	1922-		
Spreckels ditch at station 4, near Huelo.....	5390	-	1910-13.		
Koolau ditch at Haipuaena, near Huelo.....	5410	-	1932-		
Manuel Luis ditch at Puohokamoa Gulch, near Huelo.	5415	-	1917-		
Puohokamoa Stream:					
East Branch Puohokamoa Stream at Haiku-uka boundary, near Kailiili.	5420	.14	1919-27;1932-33.....	.....	1963-
Middle Branch Puohokamoa Stream at Haiku-uka boundary, near Kailiili.	5430	.48	1919-27;1932-34;1962-		
West Branch Puohokamoa Stream at Haiku-uka boundary, near Kailiili.	5440	.45	1919-28;1932-34.....	.....	1963-
Puohokamoa Stream above Spreckels ditch, near Huelo (near Huelo).	5450	2.35	1913-		
Puohokamoa Stream near Huelo.....	5460	a2.6	1910-13.		
Puohokamoa intake of Koolau ditch, near Huelo...	5470	-	1922-30.		
Koolau ditch at Wahinepee, near Huelo.....	5510	-	1922-29.		
Spreckels ditch at Wahinepee, near Huelo.....	5520	-	1928-38.		
Spreckels ditch at station 5, near Huelo.....	5522	-	1911-13.		

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
Island of Maui--Continued					
Manuel Luis ditch west of Puohokamoa Stream, near Huelo.	5525	-	1930-35.		
Waikamoi (Waiakamoi) Stream above reservoir, at Kula pipeline intake, near Olinda.	5528	2.50	1953-		
(West Branch) Waikamoi Stream at Haiku-uka boundary, near Kailiili.	5540	3.46	1918-28;1932-34.....	.....	1963-
East Branch Waikamoi Stream at Haiku-uka boundary, near Kailiili.	5545	.07	1918-28;1932-33.....	.....	1963-
Waikamoi (Waiakamoi) Stream above Wailoa ditch, near Huelo.	5550	3.92	1922-57.		
Waikamoi Stream near Huelo.....	5560	3.98	1910-22.		
Alo Stream near Huelo.....	5570	.47	1910-57.		
Koolau ditch at Alo diversion weir, near Huelo....	5580	-	1908-11.		
Spreckels ditch at station 6, near Huelo.....	5600	-	1911-13.		
Center ditch below Kolea Reservoir, near Huelo (at Waikamoi, near Huelo).	5610	-	1918-30.		
Center ditch near Huelo.....	5620	-	1910-12.		
Kaaiea Gulch (Stream) near Huelo.....	5650	.64	1921-62.		
Spreckels ditch below Kaaiea Gulch, near Huelo....	5655	-	1917-30.		
Oopuola Stream near Huelo.....	5660	.22	1930-57.		
Oopuola Stream above Spreckels ditch crossing, near Huelo (near Huelo).	5670	.58	1910-15.		
Spreckels ditch at station 7, near Huelo.....	5675	-	1911-12.		
Spreckels ditch at station 8, near Huelo.....	5680	-	1911-13.		
Nailiilihaele Stream:					
Second Branch Nailiilihaele Stream at Haiku-uka boundary, near Kailiili.	5690	a.2	1932-33.		
Nailiilihaele Stream near Kailiili.....	5691	.11	.....	.....	1963-
West Branch Nailiilihaele Stream near Kailiili..	5697	.04	.....	.....	1967-
Nailiilihaele Stream near Huelo.....	5700	3.58	1910-11;1913-18;1919-		
Nailiilihaele Stream below New Hamakua ditch, near Huelo.	5710	a3.6	1912*.		
New Hamakua ditch at Nailiilihaele weir, near Huelo.	5720	-	1910-12.		
New Hamakua ditch at station No. 1, near Huelo....	5730	-	1912*.		
Kailua Stream at Haiku-uka boundary, near Kailiili	5740	a.8	1918-28;1932-34.		
Kailua Stream near Kailiili.....	5745	1.01	1963-		
Tenth Branch Kailua Stream at Haiku-uka boundary, near Kailiili.	5750	a.1	1932-33.		
Ninth Branch Kailua Stream at Haiku-uka boundary, near Kailiili.	5760	a.2	1932-33.		
East Branch Kailua Stream near Kailiili.....	5762	.35	.....	.....	1963-
Kailua Stream near Huelo.....	5770	2.40	1910-11b;1913-18;1919-58.		
New Hamakua ditch at station No. 2, near Huelo....	5780	-	1912*.		
New Hamakua ditch at station No. 3, near Huelo....	5790	-	1912*.		
New Hamakua ditch at station No. 4, near Huelo....	5795	-	1912*.		
Kailua Stream:					
Oanui Stream near Huelo.....	5800	a.9	1910-11;1913-16.		
New Hamakua ditch at station No. 5, near Huelo....	5820	-	1912*.		
Old Hamakua ditch at Kailua, near Huelo.....	5830	-	1919-22.		
Kailua Stream near Huelo (station is downstream from New Hamakua ditch crossing).	5840	-	1912*.		

Hoolawanui Stream near Huelo.....	5850	1.34	1910-	
Hoolawaliili Stream near Huelo.....	5860	.55	1912-57.	
Honopou Stream near Huelo.....	5870	.64	1910-	
Wailoa ditch at Honopou, near Huelo.....	5880	-	1922-	
New Hamakua ditch at Honopou, near Huelo.....	5890	-	1918-	
Old Hamakua ditch at Honopou, near Huelo.....	5900	-	1918-22;1936-65.	
Honopou Stream at Lowrie ditch siphon, near Huelo.	5910	a2.0	1932-47.	
Lowrie ditch at Honopou Gulch (Opana weir), near Huelo.	5920	-	1910-27;1930-	
Honopou Stream above Haiku ditch, near Huelo.....	5930	a2.2	1932-47.	
Haiku ditch at Honopou Gulch (at Peahi weir, at Manawai Gulch, at Kapalalaea Gulch), near Kailua.	5940	-	1910-28;1930-	
Honopou Stream below Haiku ditch, near Huelo.....	5950	a2.3	1932-47.	
New Hamakua ditch at Halehaku weir, near Huelo....	5960	-	1910-23.	
Halehaku Gulch near Kailiili.....	5962	.13	1965-	
Halehaku Gulch weir at New Hamakua ditch, near Huelo.	5970	-	1910-12.	
Halehaku Gulch (East Branch Opana Stream) near Huelo.	5980	1.44	1911;1912*.	
East Branch Opana Gulch (Stream) at Haiku-uka boundary, near Kailiili.	5990	a.6	1932-33.	
Opana tunnel at Kailiili.....	5995	-	1965-	
Opana ditch near Huelo.....	6000	-	1910-12.	
Opana Stream near Huelo.....	6010	-	1910-12*.	
Kauhikoa ditch (Old Hamakua ditch) at Opana weir, near Huelo.	6020	-	1910-28.	
Awalau Gulch at Kailiili.....	6024	.23	1966-	
Kaluanui ditch at Puuomalei, near Hamakuapoko.....	6030	-	1910-12.	
Unnamed Gulch near Maliko Bay.....	6033	.43	.....	1963-
Kalianui Gulch:				
Kalianui Gulch tributary near Pukalani.....	6037	1.17	.....	1967-
Kaluapulani Gulch:				
Kaluapulani Gulch tributary near Pukalani.....	6038	.45	.....	1963-
Kalianui Gulch near Kahului.....	6038.5	17.9	.....	1967-
Iao Stream near Wailuku.....	6040	a6.0	1910-15.	
Maniania ditch near Wailuku.....	6050	-	1910-13.	
Iao Stream at Wailuku.....	6070	8.24	.....	1951-
North Waiehu Stream near Wailuku.....	6080	.90	1912-15.	
North Waiehu ditch near Wailuku.....	6090	-	1910-11;1916-17.	
North Waiehu Stream below North Waiehu ditch, near Wailuku (near Wailuku).	6095	a.9	1911.	
South Waiehu Stream near Wailuku.....	6100	a.7	1910-11;1913-17.	
South Waiehu ditch near Wailuku.....	6110	-	1913.	
Waihee River (Stream) near Waihee.....	6120	a3.9	1913-17.	
Waihee Canal near Waihee.....	6130	-	1910-11;1912*.	
Waihee Canal at Waiale weir, near Wailuku.....	6135	-	1911-12.	
Waihee River (Stream) at dam, near Waihee.....	6140	a3.9	1910-12.	
Spreckels ditch near Waihee.....	6150	-	1910-13.	
Spreckels ditch at Waiale weir, near Wailuku.....	6160	-	1910-11.	
Unnamed Gulch at Maluhia Camp.....	6165	.12	.....	1963-
Left Branch Makamakaole Stream, near Waihee.....	6170	a.4	1939-52.	
Kahakuloa Stream at altitude 1,380 ft, near Honokohau (near Honokohau).	6177	a1.5	1913;1914.	
Kahakuloa Stream near Honokohau.....	6180	3.47	1939-43;1947-	
Kahakuloa Stream at Kahakuloa, near Waihee.....	6190	a4.0	1912-13.	
Owaluhi Gulch near Kahakuloa.....	6196	.20	.....	1965-
Poelua Gulch near Kahakuloa.....	6197	1.18	.....	1965-
Honokohau Stream near Honokohau.....	6200	4.11	1911e;1913-20;1922-	
Honokohau ditch at intake, near Honokohau.....	6210	-	1907-13.	
Honokohau ditch above Honolua Stream, near Honokohau.	6220	-	1910-11.	
Honolua Stream near Honokohau.....	6230	a2.9	1913-17.	
Honokeana Gulch near Honokahua.....	6234	.59	.....	1963-

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16--				
Island of Maui--Continued					
Honokohau ditch at Honokowai weir, near Lahaina...	6240	-	1910-12.		
Honolua ditch near Honokohau.....	6250	-	1911-12*.		
Honolua Stream at Honolua Ranch, near Honokohau...	6260	-	1911*.		
Kapaloa (Honokawai) Stream at weir 1, near Lahaina	6270	al.0	1901.		
Kapaloa (Honokawai) Stream near Lahaina.....	6280	al.0	1911.		
Honokowai ditch near Lahaina.....	6290	-	1912-		
Honokowai Stream near Lahaina.....	6300	al.1	1913-17.		
Honokowai Stream at Honokowai.....	6302	5.59	.....	1962-	
Kahoma Stream at weir 1, near Lahaina.....	6310	-	1901.		
Kahoma Stream at weir 2, near Lahaina.....	6320	-	1901.		
Kahoma development tunnel (Kahoma ditch at weir) near Lahaina.	6330	-	1911-17.		
Kahoma Stream near Lahaina.....	6340	1.19	1911-12*;1913-17.		
Lahainaluna weir 1 near Lahaina.....	6350	-	1901.		
Lahainaluna weir 2 near Lahaina.....	6355	-	1901.		
Kanaha (Lahainaluna) Stream above pipeline intake, near Lahaina.	6360	1.51	1916-25;1926-32.		
Lahainaluna ditch near Lahaina.....	6370	-	1913-14.		
Kanaha (Lahainaluna) Stream near Lahaina.....	6380	1.83	1911-16.		
Kahoma Stream at Lahaina.....	6385	5.22	1962-		
North Fork Kauaula Stream at weir 1, near Lahaina.	6390	-	1901.		
South Fork Kauaula Stream at weir 2, near Lahaina.	6400	-	1901.		
Kauaula Stream near Lahaina.....	6410	1.84	1901;1912*;1914-17.		
Kauaula ditch near Lahaina.....	6430	-	1912-17.		
Kauaula Stream at mouth, near Lahaina.....	6433	4.12	.....	1960-	
Launiupoko Stream near Lahaina.....	6440	1.13	1911-17.		
Olowalu Stream:					
Olowalu ditch (ditch 1) near Olowalu.....	6450	-	1911-		
Olowalu Stream near Olowalu.....	6460	4.00	1913-16.		
Olowalu Stream at Olowalu.....	6462	4.08	1963-		
Ukumehame Gulch (Stream) near Olowalu.....	6470	3.75	1911;1912*;1913-19.		
Ukumehame Gulch at mouth, near Olowalu.....	6471	4.03	.....	1967-	
Malalowaiaole Gulch near Maalaea.....	6475	.64	.....	1963-	
Waikapu Stream:					
South Side Waikapu ditch near Waikapu.....	6480	-	1910-17.		
Palolo ditch near Waikapu.....	6490	-	1910-17.		
Waikapu Stream near Waikapu.....	6500	2.76	1910-17.		
Waikapu Stream near Kihei.....	6505	6.97	.....	1963-	
Waiakoa Gulch:					
Waiakoa Gulch tributary near Waiakoa.....	6585	.98	.....	1964-	
Waiakoa Gulch at Kihei.....	6590	10.1	.....	1963-	
Kulanihakoi Gulch near Kihei.....	6600	14.4	1962-		
Unnamed Gulch at Keawakapu.....	6640	3.85	.....	1964-65.	
ISLAND OF HAWAII					
Waiakea Stream (at middle flume house) near Mountain View.	7000	17.4	1930-		
Olaa flume at Kaumana, near Hilo.....	7010	-	1917-20.		
Waiakea Stream near Hilo.....	7012	33.6	1957-		
Palai Stream at Hilo.....	7014	5.08	.....	1965-	
Wailuku River near Pua Akala.....	7017	10.2	1964-65.		
Wailuku River near Humuula.....	7017.5	34.8	1965-		
Wailuku River near Kaumana.....	7018	43.4	1966-		
Hamakua stations at elevation 2,700 ft, near Hilo.	7020	-	1911-13.		

Wailuku River at Pukamaui, near Hilo.....	7030	97.2	1923-28;1929-40.	
Wailuku River (above Hilo Boarding School ditch intake, near Hilo), at Piipihonua.	7040	125	1928-	
Hilo Boarding School ditch at intake, near Hilo.	7050	-	1931-40.	
Hilo Boarding School ditch near Hilo.....	7060	-	1918-19.	
Kapehu Stream:				
Kapehu ditch:				
Kapehu ditch diversion near Hilo.....	7070	-	1954-62.	
Kapehu ditch near Hilo.....	7080	-	1938-62.	
Kapehu Stream at Piipihonua, near Hilo.....	7090	4.84	1928-37.	
Wailuku River near Hilo.....	7100	150	1911-13;1918-19.	
Stations Nos. 1-4 at Piipihonua, near Hilo.....	7120	-	1912*.	
Honolii Stream near Hilo.....	7160	a8.0	1924-32.	
Honolii Stream at Kaiwiki, near Hilo.....	7170	11.6	1911-13.	
Kalaoa mauka Stream near Hilo....	7174	.24	.....	1963-
Kawainui Stream (River) near Pepeekeo.....	7175	a9.2	1912.	
Alia Stream near Hilo.....	7176	.58	1962-	
Kapehu Stream near Pepeekeo.....	7176.5	1.09	.....	1963-
Pohakupuka Stream near Papaaloa.....	7178	2.76	1962-	
Manowalopae Stream near Laupahoehoe.....	7178.2	1.04	1965-	
Keehia Gulch near Ookala.....	7178.5	.62	.....	1963-
Ahualoa Gulch at Honokaa.....	7179.2	2.27	.....	1963-
Honokaia Gulch:				
(East Fork of Left Branch) Honokaia Gulch tributary near Honokaa.	7179.5	2.42	.....	1963-
Kawainui Stream (head of Wailoa Stream) above Upper Hamakua ditch, near Kamuela.	7200	1.58	1964-	
Upper Hamakua ditch below Kawaiki Stream near Kamuela.	7205	-	1964-	
Kawainui Stream at elevation 2,120 ft, near Waipio	7210	-	1901-2.	
Branch 3 Kawainui Stream at elevation 1,700 ft, near Waipio.	7215	-	1901-2.	
Kawainui Stream at elevation 1,435 ft, near Waipio	7220	-	1901-2.	
Branch 2 Kawainui Stream at elevation 1,405 ft, near Waipio.	7223	-	1901-2.	
Branch 1 Kawainui Stream at elevation 1,380 ft, near Waipio.	7226	-	1901-2.	
Kawainui Stream near Waipio.....	7230	-	1911-12*.	
Kawainui Stream at elevation 775 ft, near Waipio..	7240	-	1901-2.	
Alakahi Stream above Upper Hamakua ditch near Kamuela.	7250	.87	1964-	
Alakahi Stream at elevation 1,200 ft, near Waipio.	7280	-	1901-2.	
Alakahi Stream at elevation 730 ft, near Waipio.	7290	-	1901-2.	
Koiawe Stream at elevation 1,120 ft, near Waipio	7300	-	1901-2.	
Koiawe Stream at elevation 610 ft, near Waipio..	7310	-	1901-2.	
Waipio River below Koiawe Stream near Waipio.....	7320	-	1911-12*.	
Waima Stream at elevation 790 ft, near Waipio...	7321	-	1901-2.	
Waima Stream at elevation 385 ft, near Waipio...	7321.5	-	1901-2.	
Waipio River below Waima Stream, near Waipio.....	7322	14.3	1901-2;1911-12*.	
Upper Hamakua (Hamakua) ditch at Puualala and reservoir 3 weirs (at main weir, Puualala), near Kukuihaele (Waimea).	7323	-	1913-20.	
Lower (New) Hamakua ditch at main weir, near Kukuihaele.	7329	-	1910-20.	
Lower Hamakua ditch wasteway, near Kukuihaele...	7330	-	1964-	
Lower Hamakua ditch below main weir, near Kukuihaele.	7331	-	1964-	
Honokaa diversion at Honokaa.....	7332	-	1964-	
Lower Hamakua ditch below Honokaa diversion, near Honokaa.	7333	-	1964-	
Wailikahi (Waimanulilili) Stream near Waimanu....	7370	a0.4	1939-60.	
Kaimu Stream near Waimanu.....	7380	.90	1939-47;1950-52.	
Punalulu Stream near Waimanu.....	7390	a1.4	1939-52.	

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Hawaii--Continued	16-				
Island of Hawaii--Continued					
Waiaalala Stream near Waimanu.....	7400	a0.2	1939-52.		
Paopao Stream near Waimanu.....	7410	a.6	1939-52.		
Kukui Stream near Waimanu.....	7420	.21	1939-52;1959-		
Awini ditch at East Honokane Iki Gulch, near Niulii.	7430	-	1927-49;1950-		
East Honokane Iki intake to Awini ditch (at East Honokane Iki Gulch) near Niulii.	7440	-	1927-38;1939-49;1951-		
Awini (published as Kohala) ditch above Honokane Gulch, near Kohala.	7450	-	1918.		
Awini (Kohala) ditch at Awini weir, near Kohala...	7455	-	1907-17;1963-		
East Branch Honokane Nui Stream at elevation 1,300 ft, near Honokane.	7470	-	1901.		
East Branch Honokane Nui Stream near Niulii.....	7475	4.96	1963-		
East Branch Honokane Nui Stream at elevation 770 ft, near Honokane.	7480	-	1901.		
West Branch Honokane Nui Stream at elevation 1,370 ft, near Honokane.	7490	-	1901.		
West Branch Honokane Nui Stream at elevation 775 ft, near Honokane.	7495	-	1901.		
Kohala ditch at Honokane weir, near Kohala.....	7500	-	1907-12.		
Kohala ditch at Honokane, near Niulii.....	7509	-	1963-		
Kohala ditch at Pololu, near Niulii.....	7510	-	1927-		
Kohala ditch at Niulii weir, near Kohala (near Kohala).	7520	-	1907-17.		
Hapahapai Gulch at Kapaa.....	7526	1.52	.....	1963-	
Hanaula Gulch at Kapaa.....	7528	.21	.....	1962.	
Kehena ditch at Honokane mauka, near North Kohala.	7540	-	1912-13.		
Kehena ditch near Kohala.....	7550	-	1917-19;1928-		
Luahine Gulch near Waimea.....	7558	.32	.....	1963-	
Kohakohau Stream near Kamuela.....	7560	2.34	1956-		
Keanuiomano Stream (Kohakohau Stream at Waiaka), near Kamuela.	7565	4.30	1963-		
Waikoloa Stream near Kamuela.....	7570	.78	1947-		
Waikoloa Stream at Marine Dam, near Kamuela....	7580	1.18	1947-		
Hauani Gulch (Stream) near Kamuela.....	7590	.47	1956-		
Paiaakuli Reservoir tributary near Waimea.....	7590.4	.27	.....	1963-	
Kamakoa Gulch near Waimea.....	7590.6	50.6	.....	1963-	
Popoo Gulch near Waikii (Kailua).....	7590.8	23.1	.....	1963-	
Keopu Gulch near Kailua.....	7591.8	2.61	.....	1963-	
Waiaha Stream:					
Right Branch Waiaha Stream near Holualoa.....	7592	1.87	1960-		
Waiaha Stream at Luawai, near Holualoa.....	7593	8.74	1960-		
Waiaha Stream near Holualoa.....	7595	9.35	1957-		
Kiilae Stream near Honaunau.....	7598	.67	1958-		
Waiohinu Springs, mauka station, near Naalehu....	7600	-	1917-18.		
Waiohinu Springs, makai station, near Naalehu....	7610	-	1917-18.		
Kahilipali Nui Gulch at Waiohinu.....	7612	.47	.....	1962-65.	
Alapai Gulch at Naalehu.....	7620	2.90	.....	1963-	
Hilea Gulch:					
Hilea Gulch tributary near Honuapo.....	7640	11.7	1933-		
Hilea Gulch tributary No. 2, near Honuapo.....	7650	4.53	1966-		
Ninole Gulch near Punaluu.....	7670	14.0	1966-		
Hionamoa Gulch at Pahala.....	7700	5.87	.....	1963-	
Hionamoa Gulch (Keoneeleele flat) tributary at Pahala.	7702	.42	.....	1963-	
Paaahu Gulch at Pahala.....	7705	1.42	1962-		

MARIANA ISLANDS

ISLAND OF SAIPAN

Donni Spring near Garapan.....

8000

-

1952-54.

ISLAND OF GUAM

Agana River at Agana.....

8072

8.68

.....

1962-

Fonte River at dam, near Nimitz Hill.....

8073

.60

1962-.....

1961-

Asan Spring at Asan.....

8075

-

.....

1962-

Masso River at dam, near Piti.....

8077

.74

.....

1962-

Atantano River near Agat.....

8079

2.81

.....

1958-62.

Santa Rita Spring at Santa Rita.....

8080

-

.....

1962-

Faata Spring near Agat.....

8082

-

.....

1963-

Finile River at Agat.....

8083

.26

1960-

.....

Taleyfac River near Agat.....

8085

1.77

.....

1960-

Right Branch Cetti River near Umatac.....

8092

.37

.....

1961-

Left Branch Cetti River near Umatac.....

8093

.28

.....

1961-62.

Cetti River near Umatac.....

8094

.72

1960-67.

.....

La Sa Fua River near Umatac.....

8096

1.10

1953-60.....

1961-.....

1962-63.

Sabu River at Umatac.....

8098

.038

1962-

.....

Right Branch Umatac River at Umatac.....

8100

.95

.....

1960-

Left Fork of Left Branch Umatac River near

8120

.35

.....

1960-

Umatac.

Right Fork of Left Branch Umatac River:

Piga Spring near Umatac.....

8130

-

.....

1955;1961-

Right Fork of Left Branch Umatac River at Umatac

8140

.36

.....

1960-

Umatac River at Umatac.....

8160

2.04

1952-

.....

Toguan River near Umatac.....

8170

.48

.....

1952;1960-

Geus River above Siligin Spring tributary, near

8200

.50

.....

1960-

Merizo.

Siligin Spring near Merizo.....

8205

-

.....

1954;1961-

Geus River below Siligin Spring tributary, near

8207

.60

.....

1962-

Merizo.

Geus River near Merizo.....

8210

.95

1953-

.....

Ajayan River near Inarajan.....

8250

1.08

.....

1962-

Agfayan River near Inarajan.....

8280

1.67

.....

1962-

Right Fork of Right Branch Inarajan River near

8300

1.40

.....

1960-

Inarajan.

Left Fork of Right Branch Inarajan River near

8310

.97

.....

1960-

Inarajan.

Right Fork of Left Branch Inarajan River near

8330

.84

.....

1960-

Inarajan.

Left Fork of Left Branch Inarajan River near

8340

.39

.....

1960-

Inarajan.

Inarajan River near Inarajan.....

8350

4.49

1952-

.....

Pauliluc River near Inarajan.....

8400

1.86

1952-

.....

Asalonso River near Talofoto.....

8420

1.50

.....

1952;1961-

Tolaeyuus River (head of Talofoto River) near Agat

8450

6.54

1951-60.....

.....

1962-

Tolaeyuus River at mouth, near Agat.....

8460

7.42

.....

1962-

Imong River (head of Fena River) near Agat.....

8470

1.93

1960-

.....

Almagosa Springs near Agat.....

8480

f.74

1951-

.....

Fena Dam spillway near Agat.....

8490

5.81

1951-

.....

Maagas River (continuation of Tolaeyuus River):

Talofoto River (continuation of Maagas River)

8500

16.2

1951-62.

.....

near Talofoto.

Sarasa River near Talofoto.....

8520

1.01

.....

1960-

Left Branch Ugum River near Talofoto.....

8540

2.96

.....

1961-

Right Branch Ugum River near Talofoto.....

8545

2.70

.....

1961-

Ugum River near Talofoto.....

8550

6.96

1952-

.....

Ylig River near Yona.....

8580

6.58

1952-

.....

Left Branch Ylig River above pumping station,

8590

1.98

.....

1960-

near Yona.

Lonfit River (head of Pago River) near Ordos.....

8620

3.11

1951-60.....

.....

1961-63.

Sigua River near Ordos.....

8630

a3.1

.....

1960-63.

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Mariana Islands--Continued	16-				
Island of Guam--Continued					
Pago River near Ordot.....	8650	6.17	1951-		
Janum Spring near Yigo.....	8670	-	.....		1954-62;1965-
Santa Rosa Spring near Yigo.....	8680	-	.....		1962-
Chunge Spring near Yigo.....	8690	-	.....		1962-
RYUKYU ISLANDS					
ISLAND OF OKINAWA					
Benoki-gawa at Benoki.....	8752	a3.8	1963-		
Yona-gawa at Yona.....	8755	a1.7	1963-		
Hiji-gawa at Hiji.....	8757	a3.3	.....		1964-
Taihoza-gawa at Hiji.....	8758	a2.3	.....		1964-
Takazato-gawa near Hama.....	8762	a.9	1963-		
Taiho-okawa at Taiho.....	8765	a5.2	.....		1964-
Henan-gawa:					
South Fork Henan-gawa:					
Right Branch of South Fork Henan-gawa near Tsuha.	8770	a.7	1963-		
North Fork Henan-gawa near Tsuha.....	8772	a1.4	.....		1964-
Genka-kawa near Genka.....	8775	a3.9	1963-66.		
Genka-kawa at Genka.....	8777	a5.5	.....		1964-
Makiya-okawa at Makiya.....	8780	a1.7	.....		1964-
Hanechi-okawa at Kawakami.....	8782	a4.4	1963-		
Oi-kawa at Jingsuku.....	8785	a3.1	1964-		
Manna-gawa at Manna.....	8790	a2.2	.....		1964-
Yofuke-gawa at Yofuke.....	8794	a1.2	.....		1964-
Sukuta-kawa at Sukuta.....	8795	a1.1	.....		1964-
Fukuchi-gawa at Kyodo.....	8796	a1.1	.....		1964-
Yonabaru-gawa (head of Hiza-gawa) below Zukeyama dam.	8799	a1.9	1966-		
Bishi-gawa at Kadena.....	8803	a1.4	1966-		
Nagata-gawa at Kadena.....	8805	a4.0	1966-		
Hiza-gawa at Kadena.....	8806	a1.9	1966-		
Hiya-gawa at Ojana.....	8808	a2.2	.....	1964-	
Machinato-gawa near Ojana.....	8809	a1.7	1965-		
Kanegusuku-gawa at Kanegusuku.....	8812	a3.0	.....	1964-	
Mukue-gawa near Itomancho.....	8815	a6.4	.....	1964-	
Tengan-gawa at Yamashiro.....	8820	a.8	1963-64.		
Tengan-gawa below Tengan Dam.....	8821	a1.1	1967-		
Tengan-gawa at Tengan.....	8824	a1.0	1966-		
Kanna-gawa near Kanna.....	8828	a.9	1963-		
Ufu-kawa near Ginoza.....	8830	a1.3	1963-67.		
O-kawa at Kushi.....	8832	a1.3	.....		1964-
Left Fork O-kawa near Kushi.....	8833	a.3	1963-		
Suginda-gawa at Suginda.....	8835	a.9	.....		1964-
Oura-gawa at Okawa.....	8835.5	a1.9	.....		1967-
Oura-gawa at Oura.....	8836	a3.1	.....		1964-
Teema-gawa at Mihara.....	8838	a3.2	.....		1964-
Fukuji-gawa near Yubaru.....	8841	a5.8	1964-		
Fukuji-gawa at Fukuji.....	8842	a1.2	1964-		
Aha-gawa at Aha.....	8846	a9.5	1963-		
Fun-gawa at Aha.....	8848	a3.3	1964-		

CAROLINE ISLANDS

TRUK ISLANDS

Island of Moen:			
Wichen River at Peniesence.....	8920	165 acres	1955-56.
Island of Tol:			
Imor Stream at Fasan.....	8940	29 acres	1955-57.
Echapachik Stream at Fasan.....	8950	80 acres	1955-57.
Island of Dublon:			
Fansinifo Stream at Roro.....	8970	38 acres	1955-57.

SAMOA ISLANDS

ISLAND OF TUTUILA

Vailoa Stream at Tula (Village).....	9000	.06	.....	1959-
(Left Fork) Vaisa Stream at Onenoa (Village).....	9010	.09	.....	1959-63.
(Right Fork) Vaisa Stream tributary at Onenoa (Village).	9020	.03	.....	1959-63.
Vaisa Stream at Oneona.....	9025	.12	.....	1964-
Afimua Stream at Onenoa (Village).....	9030	.06	.....	1959-
Laoulu Stream at Aoa (Village).....	9040	.05	.....	1959-
Lepa Stream at Aoa (Village).....	9050	.09	.....	1959-
Vaitolu Stream at Aoa.....	9060	.16	1958-	.....
Panota Stream at Masausi (Village).....	9070	.06	.....	1959-64.
Vaipito Stream at Masausi (Village).....	9080	.08	.....	1959-64.
Talaloa Stream at Masefau (Village).....	9095	.47	.....	1959-64.
Tagau Stream at Masefau (Village).....	9100	.01	.....	1959-64.
Pago Stream (head of Afono Stream):				
Pago Stream tributary (Pago Stream) at Afono (Village).	9110	.10	.....	1960-64.
Afono Stream at Afono.....	9120	.60	1958-	.....
Q'ao'a Stream at Vatia (Village).....	9130	.20	.....	1959-64.
Leafu Stream at Vatia (Village).....	9140	.18	.....	1959-64.
Leua Stream at Fagasa (Village).....	9160	.14	.....	1960-
Leele Stream at Fagasa (Village).....	9170	.19	.....	1960-
Leele Stream at mouth at Fagasa.....	9175	.23	1967-	.....
Lesina Stream at Fagasa (Village).....	9180	.02	.....	1960-
Leaveave (Fagafue) Stream near Aasu (Village).....	9190	.60	.....	1960-63.
Upper Right Branch Leaveave Stream near Aasu.....	9192	.16	.....	1961-63.
Lower Right Branch Leaveave Stream near Aasu.....	9194	.15	.....	1961-63.
Aasu Stream at Aoloaufou.....	9198	.24	.....	1961-
Aasu Stream near Aasu.....	9200	.82	.....	1960-63.
Aasu Stream at Aasu.....	9205	1.03	1958-	.....
Vaisa Stream at Aoloautuai (Aoloau Tuai Village)..	9220	.78	.....	1960-
Vailolo Stream at Aoloautuai (Aoloau Tuai Village)	9230	.18	.....	1959;1960-63.
Matavai Stream at Fagamalo (Village).....	9240	.17	.....	1959;1960-63.
Maloata (Moloata) Stream at Maloata (Moloata Village).	9250	.74	.....	1959;1960-63.
Vaitele Stream at Poloa (Village).....	9260	.11	.....	1960-64.
Puna (Leafu) Stream at Amanave (Village).....	9270	.03	.....	1959-
Afutele Stream at Agugulu (Village).....	9280	.17	.....	1959-
Vaialae (Utumea) Stream at Utumea (Village).....	9290	.15	.....	1959-
Soonapule (Utuanua Tele) Stream at Seetage (Village).	9300	.16	.....	1959-64.
Utuanuatele (Utuanua Itiiti) Stream at Seetage (Village).	9302	.21	.....	1961-64.
Atauloma Stream at Afao.....	9310	.24	1958-	.....
Asili Stream near Asili (Village).....	9320	.55	.....	1960-
Asili Stream at Asili (Village).....	9325	.66	1958-59.....	1960-
Vaipuna Stream at Amaluia (Village).....	9330	.08	.....	1960-

Station name	Station number	Drainage area (sq mi)	Periods of record		
			Daily or monthly figures (calendar years)	Annual peaks (fiscal years)	Low-flow measurements (fiscal years)
Samoa Islands--Continued	16-				
Island of Tutuila--Continued					
Leafu Stream near Leone (Village).....	9340	0.69	1959-64.
Fuafua Stream at Malaeloa (Village).....	9350	.29	1960-
Sigaloa Stream at Malaeloa (Village).....	9355	.01	1960-
Leaveave Stream at Mapusagafou (Village).....	9360	.15	1960-
(Right Branch) Vaitete Stream at Lepine (Tafuna Village).....	9370	.18	1959-
(Left Branch) Vaitete Stream tributary at Lepine (Tafuna) (Tafuna Village).....	9380	.09	1959-
(Left Branch) Taumata Stream (at old Government dairy) near Mapusaga (Mapusagatuai).....	9390	.02	1960-
(Right Branch) Taumata Stream tributary (at old Government dairy) near Mapusaga (Mapusagatuai).....	9400	.04	1960-
Mapusagatuai Stream at Mapusagatuai (Village).....	9410	.08	1960-
Sauino (Asofitu) Stream near Nuuli (Village).....	9420	.09	1960-
Mataali (Papa) Stream near Nuuli (Village).....	9430	.14	1960-
Papa (Leele) (Tause) Stream near Nuuli (Village).....	9440	.57	1960-64.
Papa Stream at Nuuli.....	9442	.78	1967-
Amaile Stream at Nuuli (Village).....	9450	.19	1960-64.
Ava Stream at Faganeanea (Village).....	9460	.09	1960-
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Afelo (Matuu) Stream at Matuu.....	9480	.25	1958-
Matafao (Faga'alu) Stream (head of Faga'alu Stream) at Faga'alu (Village).....	9490	.24	1960-64.
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Vaima (Vaipito) Stream at Pago Pago (Village).....	9497	.05	1960-
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Utumoa pipeline diversion near Pago Pago.....	9500	-	1957-58.	1959-61.
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Vaipito Stream at Pago Pago.....	9510	.75	1967-
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Anasosopo (Ogesosopo) Stream at Anasosopo (Ogesosopo Village).....	9550	.05	1960-
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(Middle Fork) (Right Branch) Visa Stream at (Aumi) (Village) Alega.....	9580	.10	1959-
(Left Branch) Visa Stream tributary at Aumi (Village).....	9585	.02	1959-
Visa Stream at Aumi (Oaolaulii).....	9590	.16	1957-58.	1963-64.
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(East Branch) Alega Stream tributary at Alega.....	9605	.04	1962-
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Televali Stream at Amouli (Village).....	9630	.10	1959-
Leafu Stream at Auasi.....	9640	.12	1959-
Vaialili Stream at Alao (Village).....	9650	.10	1959-
Vaifusi Stream at Alao (Village).....	9660	.02	1959-

* Gage heights, or gage heights and discharge measurements.

a Approximately.

b Fragmentary.

c In files of district office.

d In files of Waihole Water Co.

e Combined flow of stream and ditch below point of diversion.

f Hydrologic drainage boundary uncertain owing to to ground-water exchange.

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