

**State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources**

PETITION TO AMEND INTERIM INSTREAM FLOW STANDARDS

HONOPOU STREAM, EAST MAUI

Instructions: Please print in ink or type and send completed petition with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. Petition must be accompanied by a non-refundable filing fee of \$25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225.

1. PETITIONER

Firm/Name Beatrice Kepani Kekahuna & Marjorie Wallec c/o Native Hawaiian Legal Corp.
 Contact Person Alan Murakami, Attorney Ph: 521-2302
 Address 1164 Bishop Street, Honolulu, HI 96813

2. STREAMFLOW DATA

16587000, 16588000, 16590000,
 USGS stream gaging station 16591000, 16593000, 16595000 Period of Record DATA TO FOLLOW.
 Location/Reach SEE ATTACHED.
 (Attach a USGS map, scale 1"=2000', and a property tax map showing diversion location referenced to established property boundaries.)

TABLE 1. PERIOD OF RECORD AVERAGE MONTHLY STREAMFLOW WITHIN THE AFFECTED STREAM REACH, IN CFS

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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STREAMFLOW DATA TO FOLLOW.

Annual Median flow in cfs =

TABLE 2. PROPOSED AVERAGE MONTHLY STREAMFLOW DIVERSION FROM AFFECTED STREAM REACH, IN CFS

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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UNDETERMINED; SUFFICIENT FOR TARO FARMING AND/OR GATHERING.

Annual Median flow in cfs =

TABLE 3. AVERAGE MONTHLY STREAMFLOW IN AFFECTED STREAM REACH AFTER DIVERSION (min release flow), IN CFS

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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NATURAL STREAMFLOW EXCEPT FOR EXERCISE OF APPURTENANT WATER RIGHTS.

Annual Median flow in cfs =

3. EXISTING INSTREAM AND OFFSTREAM WATER USES FOR ENTIRE STREAM REACH

TMK	OWNER	USE
		<u>RESEARCH IN PROGRESS.</u>

(If more space is necessary, attach an extended list following above format)

4. ANTICIPATED IMPACTS ON STREAM AND BASIS FOR SUCH IMPACTS:

RESTORATION OF INSTREAM NATURAL HABITAT AND BIOTA, AND BENEFICIAL APPURTENANT AND GATHERING USES.

(Attach supporting documentation, plans, letters, etc.)

NATIVE HAWAIIAN LEGAL CORPORATION

Alan Murakami

May 24, 2001
Date

Signature

Alan Murakami
 Attorney for Beatrice Kepani Kekahuna and
 Marjorie Wallec

Petitioner

For Official Use
 Date Received _____
 Date Accepted _____

HONOPOU

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16587600 Honopou Stream near Hueio, Maui, HI
 PARAMETER CODE = 00060
 STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALED OR EXCEEDED	DATA VALUE	(LOG =
95.0	0.54	-0.26812)
90.0	0.74	-0.12964)
85.0	0.87	-0.05883)
80.0	1.07	-0.02900)
75.0	1.29	0.11162)
70.0	1.48	0.17000)
65.0	1.71	0.23248)
60.0	1.95	0.28926)
55.0	2.20	0.34330)
50.0	2.48	0.39502)
45.0	2.83	0.45142)
40.0	3.20	0.50535)
35.0	3.69	0.56665)
30.0	4.30	0.63133)
25.0	5.01	0.69946)
20.0	6.03	0.78031)
15.0	7.64	0.88281)
10.0	10.0	1.00207)
5.0	16.0	1.20384)

MEAN OF LOGS = 0.41259

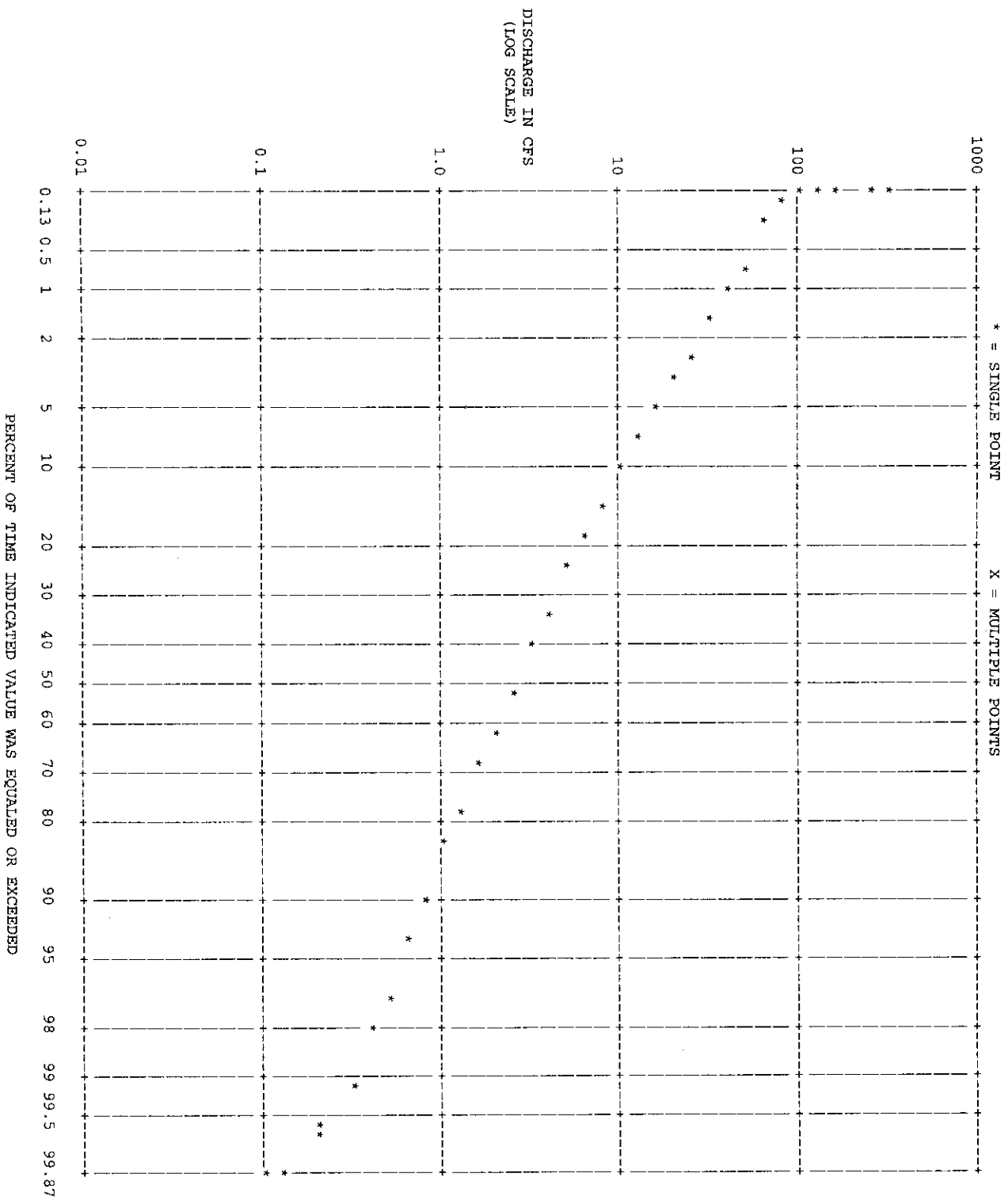
STANDARD DEVIATION OF LOGS = 0.39607 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = 0.95996

COEFFICIENT OF SKEW = 0.20701

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16587000 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

(YEARS 1911 - 2001)



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	14	30	60	90	120	183
1912 1912	.60 56	.60 55	.69 61	.78 62	1.16 69	1.17 41	1.38 30	1.45 26	3.09 46
1913 1913	.60 57	.60 56	.60 53	1.22 84	1.27 78	1.86 66	2.10 59	2.17 53	3.44 50
1914 1914	.93 83	.93 83	.93 81	.95 78	1.38 76	3.02 84	4.54 85	5.14 84	6.21 84
1915 1915	.67 70	.68 65	.69 63	.74 58	1.01 61	2.37 80	3.45 79	3.13 69	3.59 56
1916 1916	1.20 89	1.60 89	1.86 89	2.18 89	2.97 89	4.23 89	4.02 83	5.48 86	8.71 88
1917 1917	.31 18	.31 17	.31 15	.31 14	.56 28	.74 22	.81 11	1.12 15	2.36 31
1918 1918	.31 19	.31 18	.31 16	.38 19	.45 17	.65 14	1.18 25	2.02 49	5.37 78
1919 1919	.62 62	.62 59	.75 69	.84 72	.94 53	1.26 44	1.74 48	2.01 48	2.80 41
1920 1920	.31 20	.31 19	.31 17	.31 15	.43 15	.59 11	.69 8	.85 7	1.68 13
1921 1921	.31 21	.31 20	.40 27	.47 32	.56 29	.79 24	1.41 32	1.67 33	2.34 30
1922 1922	.46 42	.46 39	.46 35	.49 35	.52 22	.60 12	.78 9	.86 8	1.51 7
1923 1923	.62 63	.72 72	.75 68	.77 61	.94 55	2.03 71	2.15 61	2.16 52	2.99 44
1924 1924	.62 64	.62 60	.62 54	.63 48	.76 44	1.35 50	1.85 53	1.70 34	3.13 47
1925 1925	.77 77	.88 81	1.00 84	1.07 82	1.18 73	1.48 57	1.58 39	2.29 54	3.47 51
1926 1926	.62 65	.72 73	.77 75	.87 73	.98 57	1.70 64	1.65 44	1.79 41	1.88 17
1927 1927	.77 78	.77 77	.82 79	1.08 83	1.54 80	2.46 81	2.70 69	3.97 79	4.72 73
1928 1928	.77 79	.77 78	.77 73	.84 71	1.10 66	2.01 70	2.48 65	3.41 72	3.69 58
1929 1929	.93 84	.93 84	.93 82	.99 79	1.10 67	1.59 59	1.74 49	1.71 35	2.29 29
1930 1930	.77 80	.77 79	.77 74	.94 77	1.03 62	3.59 87	5.04 87	5.54 88	6.51 86
1931 1931	.62 66	.62 61	.62 55	.63 49	.71 41	1.28 46	1.53 37	1.79 42	2.42 34
1932 1932	.93 85	.93 85	1.07 86	1.25 85	1.88 84	2.30 78	3.70 82	3.37 70	4.96 76
1933 1933	.15 3	.15 2	.15 2	.15 2	.23 3	.61 13	.88 14	1.18 17	1.32 1
1934 1934	.15 4	.15 3	.15 3	.15 3	.20 2	.90 30	1.43 33	1.39 25	1.48 5
1935 1935	.54 52	.55 54	.57 49	.57 42	1.11 68	1.39 52	1.61 41	1.90 45	2.68 39
1936 1936	.39 32	.47 42	.59 51	.73 57	1.00 60	1.33 49	1.28 28	1.51 30	2.25 27
1937 1937	1.10 88	1.20 88	1.39 88	1.71 88	2.27 88	3.28 86	5.49 89	5.51 87	6.11 81
1938 1938	1.00 86	1.07 87	1.10 87	1.34 86	1.76 83	2.29 77	2.71 70	3.58 76	5.96 79
1939 1939	1.00 87	1.00 86	1.03 85	1.57 87	2.09 86	2.18 75	2.84 71	3.76 78	4.75 74
1940 1940	.46 43	.51 49	.59 50	.71 54	1.03 63	1.30 47	1.46 35	1.75 38	1.95 19
1941 1941	.70 71	.70 68	.70 65	.74 60	.95 56	1.31 48	2.39 64	2.55 56	3.89 64
1942 1942	.70 72	.75 76	.75 70	.82 69	.94 54	1.65 62	1.93 56	1.95 46	3.83 61
1943 1943	.70 73	.70 69	.80 77	.91 75	1.58 81	1.79 65	2.61 67	2.93 63	3.52 53
1944 1944	.31 22	.36 29	.39 26	.41 25	.47 19	.55 9	1.32 29	1.47 29	1.50 6
1945 1945	.46 44	.51 50	.53 45	.57 40	.64 36	.93 32	.91 17	1.34 22	1.94 18
1946 1946	.54 53	.62 62	.65 58	.71 55	.92 52	1.19 42	1.61 42	2.56 57	3.58 55
1947 1947	.70 74	.70 70	.70 66	.81 65	1.23 74	1.97 68	2.26 63	2.61 58	3.86 62
1948 1948	.77 81	.80 80	.88 80	1.00 80	1.28 77	2.00 69	2.50 66	2.68 60	4.77 75

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 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1949 1949	.62 67	.62 63	.70 64	.81 66	.99 58	1.23 43	1.65 45	1.71 36	2.12 25
1950 1950	.54 54	.54 52	.54 46	.59 44	.80 46	2.08 73	3.12 76	3.00 64	4.20 67
1951 1951	.40 36	.44 38	.45 34	.53 37	.71 40	.80 25	.85 12	1.03 11	1.54 8
1952 1952	.46 45	.49 46	.68 60	.74 59	1.17 72	2.24 76	3.09 75	3.49 73	3.88 63
1953 1953	.39 33	.39 32	.40 30	.42 26	.49 21	.88 27	1.27 27	1.34 23	1.86 16
1954 1954	.17 5	.21 7	.24 7	.27 8	.39 13	.96 33	1.67 46	1.80 43	2.36 32
1955 1955	.46 46	.53 51	.55 48	.64 51	.84 51	1.01 35	3.40 77	3.08 68	4.28 69
1956 1956	.39 34	.39 33	.40 31	.42 27	.68 39	.72 20	.93 18	1.38 24	5.35 77
1957 1957	.31 23	.31 21	.35 23	.43 29	.59 32	.89 28	1.69 47	2.85 62	2.98 43
1958 1958	.74 75	.74 74	.75 71	.79 64	1.98 85	2.71 82	2.93 74	3.01 66	3.48 52
1959 1959	.74 76	.74 75	.75 72	.82 68	1.16 70	1.27 45	1.94 57	2.04 50	3.73 60
1960 1960	.46 47	.46 40	.50 42	.54 38	.60 34	1.45 56	1.63 43	1.76 39	4.29 70
1961 1961	.31 24	.31 22	.33 21	.49 33	.55 27	.71 18	.88 13	1.16 16	2.56 37
1962 1962	.23 10	.31 23	.40 29	.41 24	.46 18	.70 17	.98 22	1.07 13	1.37 3
1963 1963	.17 6	.17 4	.17 4	.19 5	.23 4	.29 2	.98 21	1.19 18	1.43 4
1964 1964	.84 82	.90 82	.94 83	1.06 81	1.39 79	1.59 60	1.60 40	1.84 44	2.81 42
1965 1965	.39 35	.39 34	.43 32	.44 30	.53 24	1.08 36	1.86 54	1.72 37	2.52 35
1966 1966	.31 25	.31 24	.31 18	.41 23	.66 38	1.40 53	1.56 38	1.98 47	2.27 28
1967 1967	.47 50	.50 47	.53 44	.60 45	.77 45	1.08 37	1.76 51	2.61 59	3.70 59
1968 1968	.35 27	.35 26	.40 28	.43 28	.54 26	1.10 39	1.21 26	1.19 19	3.00 45
1969 1969	.24 12	.24 10	.25 12	.30 12	.33 8	2.06 72	3.60 81	4.23 81	6.20 83
1970 1970	.63 68	.69 66	.75 67	.83 70	.93 8	1.49 58	2.88 72	3.39 71	4.35 71
1971 1971	.29 15	.29 14	.31 14	.31 16	.37 12	.49 7	.54 3	.65 2	3.52 54
1972 1972	.35 28	.35 27	.35 22	.39 20	.52 23	.91 31	1.39 31	1.52 31	2.04 23
1973 1973	.19 8	.22 8	.25 9	.26 7	.29 6	.36 3	.49 1	.72 4	2.04 23
1974 1974	.24 13	.24 11	.24 8	.29 11	.34 9	.45 5	.66 7	.75 5	2.11 24
1975 1975	.12 2	.19 6	.20 6	.25 6	.59 33	.72 21	.89 15	1.46 28	2.02 21
1976 1976	.46 48	.49 45	.49 41	.54 39	.63 35	.77 23	.89 16	.90 10	2.02 22
1977 1977	.38 30	.38 30	.38 25	.39 21	.44 16	.57 10	.98 20	1.63 32	2.75 40
1978 1978	.38 31	.38 31	.44 33	.45 31	.66 37	1.10 40	1.76 52	1.76 40	1.99 20
1979 1979	.54 55	.54 53	.60 52	.63 50	.83 49	1.60 61	1.88 55	2.30 55	2.24 26
1980 1980	.46 49	.46 41	.47 38	.60 46	.76 43	3.20 85	4.36 84	4.49 82	8.00 87
1981 1981	.24 14	.26 13	.28 13	.31 13	.36 10	.46 6	.65 6	.84 6	1.33 2
1982 1982	.64 69	.71 71	.81 78	.94 76	2.21 87	4.11 88	5.29 88	6.28 89	8.78 89
1983 1983	.30 17	.30 16	.32 20	.36 17	.47 20	.71 19	.81 10	1.28 20	1.82 14
1984 1984	.17 7	.17 5	.17 5	.18 4	.25 5	.43 4	.56 4	.70 3	1.64 11
1985 1985	.11 1	.11 1	.11 1	.13 1	.14 1	.25 1	.53 2	.54 1	3.25 48

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

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LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1986 1986	.43 39	.48 44	.54 47	.61 47	.81 48	1.36 51	2.13 60	3.56 75	6.12 82
1987 1987	.40 37	.41 35	.63 56	.70 53	.99 59	2.14 74	3.54 80	4.00 80	4.62 72
1988 1988	.43 40	.47 43	.49 39	.51 36	.58 31	.82 26	.96 19	1.11 14	2.66 38
1989 1989	.42 38	.44 37	.49 40	.66 52	.72 42	1.88 67	2.91 73	5.19 85	6.21 85
1990 1990	.60 58	.60 58	.66 59	.78 63	1.04 64	1.44 55	1.94 58	3.60 77	3.63 57
1991 1991	.60 59	.65 64	.69 62	.81 67	1.16 71	2.35 79	2.66 68	3.03 67	4.25 68
1992 1992	.34 26	.35 25	.37 24	.39 22	.56 30	.67 16	.99 23	1.04 12	1.56 9
1993 1993	.60 60	.69 67	.78 76	.89 74	1.26 75	1.66 63	3.43 78	3.55 74	4.16 66
1994 1994	.60 61	.60 57	.64 57	.72 56	1.65 82	2.84 83	4.92 86	4.97 83	6.03 80
1995 1995	.35 29	.35 28	.47 37	.49 34	.53 25	.90 29	1.45 34	2.12 51	2.55 36
1996 1996	.43 41	.43 36	.46 36	.57 41	.83 50	.99 34	1.50 36	1.45 27	2.37 33
1997 1997	.23 11	.23 9	.25 11	.28 9	.32 7	1.43 54	2.18 62	2.73 61	3.31 49
1998 1998	.50 51	.51 48	.52 43	.58 43	.80 47	1.09 38	1.75 50	3.00 65	3.90 65
1999 1999	.29 16	.29 15	.31 19	.38 18	.43 14	.51 8	.60 5	.88 9	1.59 10
2000 2000	.22 9	.24 12	.25 10	.28 10	.36 11	.67 15	1.00 24	1.29 21	1.82 15

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
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HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1912 1912	32.0 80	22.0 77	19.1 68	14.2 64	10.0 67	8.37 64	6.85 63	5.62 67	5.48 59
1913 1913	49.0 67	26.0 69	20.4 65	15.1 61	9.78 68	7.60 73	7.03 61	6.46 60	6.05 50
1914 1914	67.0 45	39.3 54	27.9 47	25.1 31	20.4 20	16.5 15	14.8 10	14.8 5	13.5 4
1915 1915	57.0 62	31.3 64	19.2 67	13.2 69	10.9 64	8.89 58	8.60 42	7.35 45	6.60 42
1916 1916	102 30	74.3 20	63.1 9	42.8 5	26.0 8	17.2 14	13.7 14	12.0 15	10.7 12
1917 1917	59.0 59	40.7 52	26.7 51	17.4 56	13.9 48	10.0 46	7.89 49	6.30 62	5.51 58
1918 1918	116 22	77.0 17	51.9 14	41.3 8	26.7 7	20.3 6	16.0 7	13.4 8	11.4 9
1919 1919	50.0 65	30.0 66	25.1 56	18.1 52	12.3 53	8.21 67	6.38 69	6.58 57	5.46 60
1920 1920	59.0 60	59.0 30	46.4 21	28.7 22	16.4 35	9.30 53	6.52 68	5.55 68	4.01 81
1921 1921	108 26	81.0 14	49.7 16	34.1 15	21.5 16	14.5 19	11.2 25	9.08 33	7.15 35
1922 1922	175 8	120 6	72.9 5	42.3 6	25.5 9	21.7 4	20.6 1	20.0 1	14.2 2
1923 1923	113 23	67.7 25	54.4 12	34.4 14	18.9 24	13.6 23	11.1 26	9.48 30	7.59 32
1924 1924	108 27	65.3 27	33.5 34	20.6 43	13.9 49	10.3 45	8.93 41	8.47 35	6.95 38
1925 1925	184 7	80.7 15	39.5 29	20.9 41	11.9 55	9.18 54	6.77 65	5.52 70	5.28 65
1926 1926	37.0 75	15.2 86	8.81 89	6.57 89	5.80 87	3.62 88	3.29 88	2.87 88	2.50 88
1927 1927	128 19	54.0 35	33.3 35	22.8 33	14.9 39	10.6 39	8.59 43	8.61 34	7.10 36
1928 1928	60.0 54	31.0 65	17.7 71	11.0 77	9.18 72	8.02 68	7.42 55	5.96 66	5.42 61
1929 1929	67.0 46	52.0 38	38.4 31	25.8 30	20.6 18	13.0 27	11.1 27	9.72 28	7.80 27
1930 1930	56.0 63	43.0 49	31.0 37	22.4 35	17.2 31	12.8 29	10.5 29	10.4 20	9.72 15
1931 1931	107 28	49.0 40	30.1 40	19.2 48	11.1 60	7.87 70	6.84 64	5.53 69	5.04 69
1932 1932	34.0 79	34.0 63	25.7 53	22.4 36	17.1 32	11.5 37	10.2 32	9.66 29	8.21 26
1933 1933	30.0 83	25.3 72	17.2 73	10.5 78	7.09 83	5.54 82	5.17 80	4.63 81	3.49 84
1934 1934	94.0 32	46.0 43	29.7 42	22.5 34	18.1 28	11.7 36	9.41 36	8.01 38	5.94 52
1935 1935	51.0 64	49.0 41	29.8 41	16.8 59	11.7 56	8.35 65	7.05 60	7.32 47	6.55 43
1936 1936	24.0 88	20.0 81	14.3 81	12.4 70	11.4 58	9.00 56	7.98 48	6.76 56	6.18 46
1937 1937	91.0 35	69.3 24	47.0 19	32.9 17	24.2 12	17.3 12	16.7 6	14.5 6	11.9 7
1938 1938	136 17	71.3 23	52.0 13	31.8 18	20.6 19	15.6 17	13.8 13	11.7 16	10.2 13
1939 1939	41.0 73	26.3 68	19.5 66	13.8 67	10.9 65	9.68 51	7.88 50	8.08 37	6.85 40
1940 1940	60.0 55	44.3 46	29.7 43	20.7 42	14.2 44	8.39 63	6.13 74	4.87 79	4.02 80
1941 1941	104 29	45.0 45	25.4 55	17.3 58	11.0 62	8.33 66	7.52 54	7.72 42	6.99 37
1942 1942	149 12	102 9	84.6 3	55.5 2	34.1 3	21.7 5	16.9 5	13.2 9	10.8 11
1943 1943	46.0 70	19.7 82	14.9 78	10.4 80	7.92 79	7.30 74	5.95 75	5.35 72	4.89 72
1944 1944	25.0 87	16.9 85	10.1 88	6.79 88	5.16 89	4.36 86	3.75 86	3.66 84	3.20 86
1945 1945	21.0 89	14.9 87	12.6 83	10.3 81	7.28 81	5.41 83	4.43 83	3.55 85	3.92 82
1946 1946	37.0 76	23.0 75	17.4 72	13.7 68	11.3 59	8.95 57	7.11 58	6.77 55	5.05 68
1947 1947	155 9	91.0 10	60.1 10	34.8 13	21.8 15	13.5 25	10.2 33	9.74 27	8.25 25
1948 1948	141 16	86.3 11	47.0 20	26.4 25	18.4 26	12.5 30	13.1 19	10.8 19	8.97 20

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WATER YEAR	1	3	7	15	30	60	90	120	183
1949 1949	67.0 47	39.0 58	27.4 48	19.7 46	14.5 41	10.5 42	8.55 44	7.06 51	5.66 54
1950 1950	88.0 38	55.7 33	46.3 22	36.9 10	24.4 11	17.5 11	13.2 18	11.0 18	8.90 21
1951 1951	60.0 56	39.3 55	24.0 60	21.4 39	14.3 43	10.0 47	8.21 46	7.35 46	5.62 55
1952 1952	36.0 77	21.7 78	13.6 82	8.95 85	7.95 78	6.27 78	5.41 79	5.08 77	4.96 71
1953 1953	48.0 69	25.4 71	15.3 77	12.3 71	9.48 71	8.64 60	6.56 67	5.18 75	4.11 77
1954 1954	39.0 74	23.7 74	15.4 74	11.8 73	8.92 74	6.36 76	6.24 72	6.32 61	5.37 63
1955 1955	49.0 68	35.7 60	29.3 45	19.5 47	14.2 45	11.0 38	11.0 28	10.1 23	8.81 22
1956 1956	227 6	138 4	74.1 4	41.7 7	23.1 13	15.4 18	13.3 17	12.1 13	9.81 14
1957 1957	77.0 42	34.7 61	24.8 57	15.9 60	13.2 51	8.55 61	6.16 73	5.45 71	5.25 66
1958 1958	60.0 57	40.0 53	24.3 59	18.1 53	15.9 37	12.0 32	9.07 40	7.64 44	6.14 47
1959 1959	60.0 58	39.3 56	22.2 63	17.4 57	11.1 61	10.0 48	8.39 45	7.67 43	7.74 30
1960 1960	94.0 33	51.7 39	31.0 38	21.1 40	14.2 46	10.4 44	9.29 37	7.88 40	6.90 39
1961 1961	110 24	66.3 26	34.1 33	19.1 49	11.6 57	10.5 43	7.58 53	7.10 50	6.19 45
1962 1962	44.0 72	23.8 73	19.1 69	11.5 74	8.58 76	5.81 80	4.32 85	3.43 86	3.58 83
1963 1963	69.0 43	39.3 57	30.6 39	21.5 38	14.4 42	9.58 52	7.28 56	6.55 58	4.99 70
1964 1964	31.0 82	20.3 80	14.5 80	9.87 82	6.86 84	4.99 85	4.89 81	4.91 78	4.17 76
1965 1965	67.0 48	43.3 47	25.7 54	18.6 50	13.6 50	9.02 55	6.95 62	7.02 52	6.49 44
1966 1966	133 18	73.0 22	44.1 24	26.5 24	19.6 23	13.3 26	10.5 30	10.0 24	7.63 31
1967 1967	65.0 49	43.3 48	23.3 62	14.0 66	9.69 69	7.83 71	6.29 70	6.25 63	5.29 64
1968 1968	86.0 39	53.3 36	33.1 36	19.9 45	14.0 47	11.9 33	9.09 39	7.31 48	7.59 33
1969 1969	110 25	74.7 19	43.7 25	26.3 28	24.5 10	24.0 3	20.3 3	16.9 3	13.9 3
1970 1970	95.0 31	54.7 34	35.6 32	27.9 23	16.6 34	9.98 50	7.26 57	7.82 41	6.74 41
1971 1971	155 10	79.7 16	46.0 23	26.4 26	18.3 27	13.9 22	11.5 24	9.33 31	9.25 18
1972 1972	29.0 84	19.4 83	10.7 86	8.72 86	5.65 88	3.35 89	3.65 87	3.13 87	2.78 87
1973 1973	50.0 66	22.9 76	16.2 75	14.9 62	12.9 52	10.0 49	8.20 47	6.83 53	5.52 57
1974 1974	58.0 61	30.0 67	18.4 70	12.1 72	7.64 80	5.74 81	5.91 77	5.32 73	4.69 73
1975 1975	147 13	57.4 31	28.4 46	14.9 63	8.60 75	7.88 69	7.08 59	6.47 59	5.39 62
1976 1976	36.0 78	18.3 84	15.5 76	11.5 75	8.94 73	7.61 72	6.29 71	5.29 74	4.34 75
1977 1977	63.0 52	57.0 32	43.7 26	26.4 27	16.8 33	11.8 35	9.18 38	7.21 49	6.09 49
1978 1978	62.0 53	25.7 70	14.9 79	9.45 83	6.84 85	6.31 77	5.58 78	5.12 76	4.37 74
1979 1979	89.0 36	59.3 29	42.9 27	29.5 21	17.7 30	14.2 20	13.6 15	12.6 11	9.64 16
1980 1980	117 21	83.7 12	66.0 8	47.1 4	38.1 2	27.4 1	20.5 2	16.6 4	13.2 5
1981 1981	65.0 50	42.7 50	21.5 64	11.5 76	6.49 86	3.81 87	3.16 89	2.62 89	2.11 89
1982 1982	284 2	105 8	49.4 17	31.1 19	22.1 14	18.3 9	15.2 8	13.7 7	11.7 8
1983 1983	26.0 86	13.1 89	10.2 87	8.43 87	7.19 82	5.31 84	4.43 84	4.08 83	3.49 85
1984 1984	27.0 85	13.8 88	11.4 85	8.99 84	8.02 77	6.08 79	4.58 82	4.31 82	4.04 79
1985 1985	68.0 44	42.3 51	27.0 50	20.4 44	16.1 36	10.6 40	10.3 31	8.35 36	6.13 48

DVSPAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1986 1986	126.20	76.018	51.715	30.720	27.75	19.47	14.012	12.114	9.5517
1987 1987	146.14	108.7	55.711	34.912	20.817	14.121	11.921	10.421	7.7628
1988 1988	89.037	73.721	41.028	22.037	18.725	12.331	11.722	10.222	8.7723
1989 1989	305.1	219.1	112.1	65.01	44.11	26.02	18.94	17.82	14.31
1990 1990	150.11	81.313	49.118	33.416	20.221	19.18	14.411	11.317	9.0519
1991 1991	229.5	132.5	71.76	40.79	28.54	17.610	13.516	12.312	12.06
1992 1992	80.041	63.028	39.430	24.132	15.138	12.928	9.8434	7.9339	5.5756
1993 1993	81.040	45.344	24.558	14.265	12.054	8.4062	6.6066	6.1764	5.9651
1994 1994	269.4	172.2	91.42	47.93	27.66	17.313	15.09	12.710	11.210
1995 1995	32.081	21.079	12.584	10.579	9.6970	7.0575	5.9376	4.7680	4.1078
1996 1996	279.3	150.3	70.37	35.411	20.222	16.516	12.220	9.9825	7.7529
1997 1997	142.15	52.637	26.452	17.855	14.840	11.934	9.6335	9.1132	7.5134
1998 1998	64.051	34.762	24.061	18.551	11.063	8.7759	7.8251	6.7954	5.8953
1999 1999	94.034	46.742	29.644	26.329	18.029	13.624	11.723	9.7626	8.5224
2000 2000	46.071	36.059	27.349	18.154	10.866	10.641	7.7352	6.0265	5.1367

DVSTAT -- DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)			MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)		
WATER YEAR RANGE			WATER YEAR RANGE		
1912 1912	3.89	32	1912 1912	3.89	58
1913 1913	4.24	38	1913 1913	4.24	52
1914 1914	9.88	89	1914 1914	9.88	1
1915 1915	5.21	62	1915 1915	5.21	28
1916 1916	9.12	88	1916 1916	9.12	2
1917 1917	3.58	23	1917 1917	3.58	67
1918 1918	7.21	78	1918 1918	7.21	12
1919 1919	3.97	34	1919 1919	3.97	56
1920 1920	2.70	7	1920 1920	2.70	83
1921 1921	4.47	44	1921 1921	4.47	46
1922 1922	7.80	80	1922 1922	7.80	10
1923 1923	5.08	60	1923 1923	5.08	30
1924 1924	4.93	55	1924 1924	4.93	35
1925 1925	4.69	49	1925 1925	4.69	41
1926 1926	2.43	6	1926 1926	2.43	84
1927 1927	5.34	64	1927 1927	5.34	26
1928 1928	4.63	46	1928 1928	4.63	44
1929 1929	4.79	52	1929 1929	4.79	38
1930 1930	7.11	77	1930 1930	7.11	13
1931 1931	4.31	42	1931 1931	4.31	48
1932 1932	6.08	74	1932 1932	6.08	16
1933 1933	2.21	3	1933 1933	2.21	87
1934 1934	3.69	27	1934 1934	3.69	63
1935 1935	4.27	39	1935 1935	4.27	51
1936 1936	4.12	35	1936 1936	4.12	55
1937 1937	8.32	83	1937 1937	8.32	7
1938 1938	6.72	76	1938 1938	6.72	14
1939 1939	4.99	57	1939 1939	4.99	33
1940 1940	3.70	28	1940 1940	3.70	62
1941 1941	5.01	58	1941 1941	5.01	32
1942 1942	7.24	79	1942 1942	7.24	11
1943 1943	3.79	30	1943 1943	3.79	60
1944 1944	2.29	4	1944 1944	2.29	86
1945 1945	2.81	11	1945 1945	2.81	79
1946 1946	3.57	22	1946 1946	3.57	68
1947 1947	5.44	65	1947 1947	5.44	25
1948 1948	6.06	73	1948 1948	6.06	17
1949 1949	3.76	29	1949 1949	3.76	61
1950 1950	5.75	68	1950 1950	5.75	22
1951 1951	3.50	19	1951 1951	3.50	71
1952 1952	3.96	33	1952 1952	3.96	57

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honouliuli Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)			MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)		
WATER YEAR RANGE			WATER YEAR RANGE		
1953 1953	2.99	13	1953 1953	2.99	77
1954 1954	3.64	24	1954 1954	3.64	66
1955 1955	5.60	66	1955 1955	5.60	24
1956 1956	5.85	69	1956 1956	5.85	21
1957 1957	4.28	40	1957 1957	4.28	50
1958 1958	5.64	67	1958 1958	5.64	23
1959 1959	5.03	59	1959 1959	5.03	31
1960 1960	4.42	43	1960 1960	4.42	47
1961 1961	3.66	25	1961 1961	3.66	65
1962 1962	2.37	5	1962 1962	2.37	85
1963 1963	3.15	14	1963 1963	3.15	76
1964 1964	3.41	17	1964 1964	3.41	73
1965 1965	4.30	41	1965 1965	4.30	49
1966 1966	4.68	48	1966 1966	4.68	42
1967 1967	4.18	37	1967 1967	4.18	53
1968 1968	4.53	45	1968 1968	4.53	45
1969 1969	8.47	85	1969 1969	8.47	5
1970 1970	4.76	51	1970 1970	4.76	39
1971 1971	5.25	63	1971 1971	5.25	27
1972 1972	2.09	2	1972 1972	2.09	88
1973 1973	3.51	20	1973 1973	3.51	70
1974 1974	2.79	9	1974 1974	2.79	81
1975 1975	3.40	16	1975 1975	3.40	74
1976 1976	2.80	10	1976 1976	2.80	80
1977 1977	3.82	31	1977 1977	3.82	59
1978 1978	3.18	15	1978 1978	3.18	75
1979 1979	5.95	71	1979 1979	5.95	19
1980 1980	8.37	84	1980 1980	8.37	6
1981 1981	1.73	1	1981 1981	1.73	89
1982 1982	8.91	86	1982 1982	8.91	4
1983 1983	2.78	8	1983 1983	2.78	82
1984 1984	2.84	12	1984 1984	2.84	78
1985 1985	3.42	18	1985 1985	3.42	72
1986 1986	6.32	75	1986 1986	6.32	15
1987 1987	5.99	72	1987 1987	5.99	18
1988 1988	5.11	61	1988 1988	5.11	29
1989 1989	9.11	87	1989 1989	9.11	3
1990 1990	5.89	70	1990 1990	5.89	20
1991 1991	8.05	81	1991 1991	8.05	9
1992 1992	4.17	36	1992 1992	4.17	54
1993 1993	4.82	53	1993 1993	4.82	37

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16587000
 Honopou Stream near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1994 1994	8.23 82	1994 1994	8.23 8
1995 1995	3.55 21	1995 1995	3.55 69
1996 1996	4.66 47	1996 1996	4.66 43
1997 1997	4.93 54	1997 1997	4.93 36
1998 1998	4.73 50	1998 1998	4.73 40
1999 1999	4.98 56	1999 1999	4.98 34
2000 2000	3.69 26	2000 2000	3.69 64

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waioa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
1	0.00	0	23376	100.00	13	5.80	1	23357	99.92	25	52.00	823	22230	95.10
2	0.77	0	23376	100.00	14	6.90	4	23356	99.91	26	63.00	1218	21407	91.58
3	0.92	0	23376	100.00	15	8.30	9	23352	99.90	27	75.00	1451	20189	86.37
4	1.10	0	23376	100.00	16	10.00	4	23343	99.86	28	90.00	1952	18738	80.16
5	1.30	0	23376	100.00	17	12.00	4	23339	99.84	29	109.00	1935	16786	71.81
6	1.60	2	23376	100.00	18	14.00	5	23335	99.82	30	130.00	2288	14851	63.53
7	1.90	6	23374	99.99	19	17.00	20	23330	99.80	31	157.00	2202	12563	53.74
8	2.30	3	23368	99.97	20	21.00	39	23310	99.72	32	188.00	2652	10361	44.32
9	2.80	2	23365	99.95	21	25.00	80	23271	99.55	33	226.00	5034	7709	32.98
10	3.30	3	23363	99.94	22	30.00	159	23191	99.21	34	271.00	2673	2675	11.44
11	4.00	1	23360	99.93	23	36.00	282	23032	98.53	35	326.00	2	2	0.01
12	4.80	2	23359	99.93	24	43.00	520	22750	97.32					

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16588000 Waioa Ditch at Honopou near Hueilo, Maui, HI
 PARAMETER CODE = 00060
 STATISTIC CODE = 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALLED OR EXCEEDED	DATA VALUE	(LOG =
95.0	52.3	1.71854)
90.0	66.6	1.82368)
85.0	78.3	1.89377)
80.0	90.4	1.95589)
75.0	101.7	2.00749)
70.0	113.6	2.05533)
65.0	126.3	2.10131)
60.0	139.7	2.14532)
55.0	153.5	2.18620)
50.0	169.3	2.22870)
45.0	185.8	2.26898)
40.0	202.5	2.30638)
35.0	219.2	2.34090)
30.0	232.2	2.36591)
25.0	242.7	2.38502)
20.0	253.1	2.40333)
15.0	263.6	2.42089)
10.0	277.9	2.44395)
5.0	302.0	2.48000)

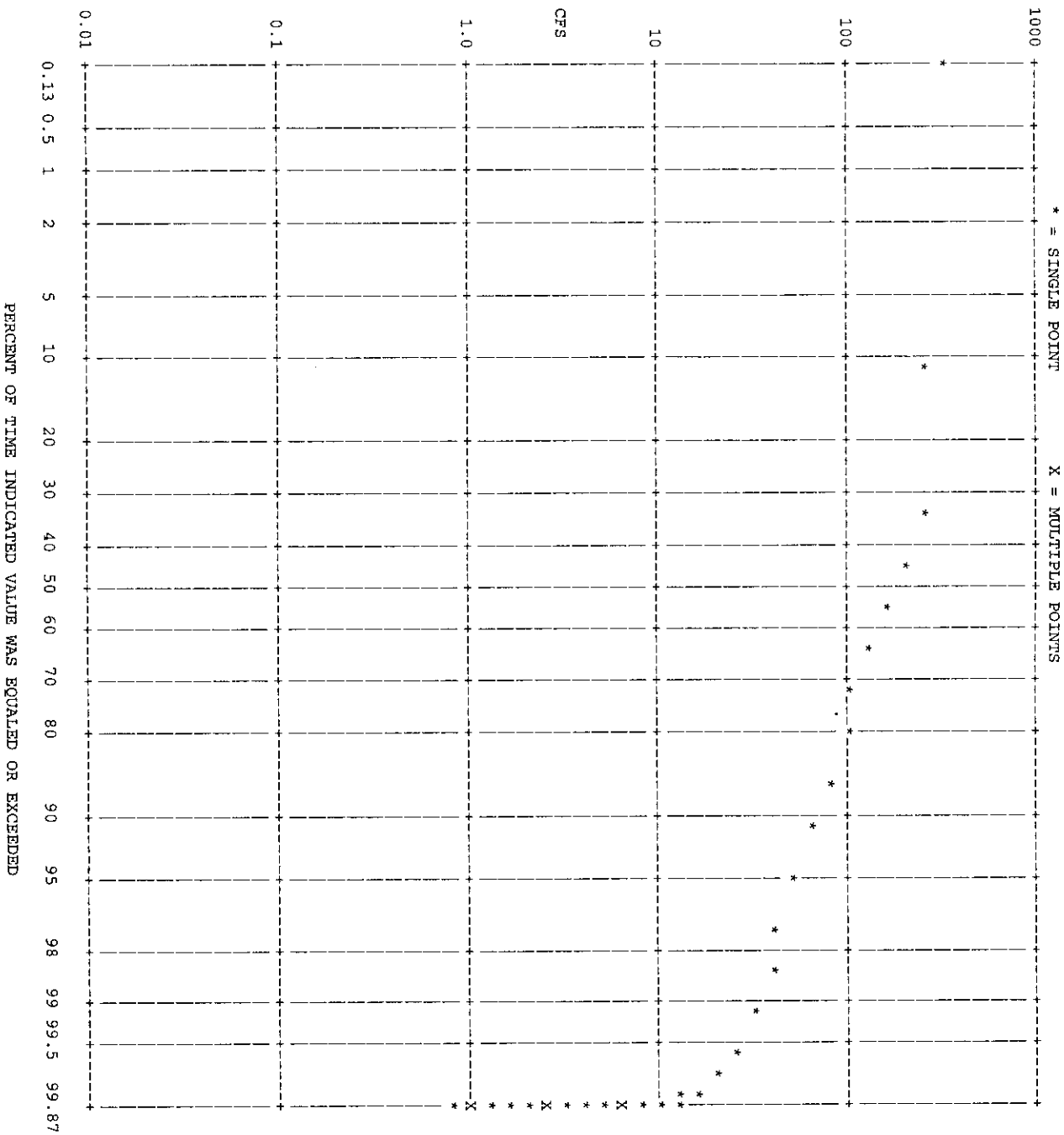
MEAN OF LOGS = 2.18588

STANDARD DEVIATION OF LOGS = 0.22613 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = 0.10345

COEFFICIENT OF SKEW = -0.58790

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16588000 Wailoa Ditch at Honopou near Hueilo, Maui, HI (YEARS 1923 - 1987)
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waialoa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	14	30	60	90	120	183
1924 1924	53.0 48	54.0 47	57.1 46	62.5 41	78.3 39	105 35	134 44	128 32	140 26
1925 1925	65.0 60	66.7 59	71.0 55	83.4 56	94.9 55	112 44	120 31	133 38	149 38
1926 1926	42.0 29	43.3 29	44.4 25	50.9 25	55.3 19	79.6 20	85.2 10	86.0 7	91.8 3
1927 1927	53.0 49	55.0 50	58.7 50	63.7 42	80.1 42	99.9 30	118 28	130 33	143 32
1928 1928	56.0 54	57.3 53	58.6 48	65.9 47	86.1 47	134 54	152 52	155 48	168 49
1929 1929	53.0 50	54.0 48	55.3 40	59.9 36	75.7 35	126 51	126 40	131 35	146 34
1930 1930	53.0 51	55.0 51	57.4 47	60.1 37	70.2 27	125 50	152 51	164 53	177 54
1931 1931	50.0 42	51.3 43	56.6 42	65.1 45	86.3 48	124 49	120 32	132 36	146 35
1932 1932	57.0 57	60.3 55	73.7 58	93.9 60	109 56	163 61	181 62	176 61	192 60
1933 1933	40.0 27	41.3 27	46.7 28	49.6 22	52.3 18	77.1 17	105 22	113 20	122 10
1934 1934	29.0 14	30.3 15	30.9 12	34.1 12	39.2 7	54.0 5	65.9 4	80.3 4	91.1 2
1935 1935	62.0 58	66.3 58	71.3 56	91.2 58	116 60	143 58	160 59	165 54	179 57
1936 1936	39.0 26	39.7 26	43.7 23	51.1 26	73.0 31	81.6 21	88.1 13	102 15	129 17
1937 1937	84.0 64	88.7 64	98.0 63	120 63	158 63	185 64	206 64	217 64	230 64
1938 1938	82.0 63	86.7 63	94.6 62	115 62	141 62	177 63	174 61	188 62	200 62
1939 1939	77.0 62	82.3 62	114 64	125 64	161 64	174 62	186 63	197 63	206 63
1940 1940	40.0 28	42.0 28	44.3 24	50.3 23	70.7 28	99.1 29	103 20	111 19	127 16
1941 1941	50.0 44	50.0 36	52.6 37	61.6 40	82.9 45	101 32	127 41	137 41	163 46
1942 1942	50.0 44	52.0 44	56.7 43	65.3 46	77.6 37	120 47	160 57	173 59	188 59
1943 1943	54.0 52	54.7 49	58.6 49	67.6 50	87.6 51	97.4 26	112 27	117 23	142 31
1944 1944	32.0 19	32.0 17	34.3 16	38.4 14	45.5 12	62.2 8	92.1 15	92.9 12	98.2 4
1945 1945	34.0 21	34.7 21	36.3 18	39.5 15	52.1 17	77.7 18	97.9 17	108 17	125 12
1946 1946	23.0 10	23.0 9	51.6 34	59.3 34	72.0 30	90.6 22	108 25	126 29	146 36
1947 1947	47.0 37	48.0 33	50.3 31	55.4 31	75.5 34	120 48	142 48	158 51	164 47
1948 1948	56.0 55	69.0 60	85.0 61	98.7 61	114 57	137 55	152 53	160 52	170 50
1949 1949	56.0 56	58.0 54	61.6 54	69.4 52	86.7 50	107 37	124 36	146 44	142 30
1950 1950	43.0 30	50.7 39	59.3 52	75.0 54	86.4 49	126 52	141 47	147 45	158 44
1951 1951	54.0 53	55.7 52	58.7 51	63.9 43	81.4 44	96.0 25	106 24	119 25	130 18
1952 1952	43.0 31	45.0 31	56.0 41	61.4 39	92.2 54	143 59	147 49	157 50	171 52
1953 1953	32.0 20	34.0 20	37.4 19	37.9 13	45.1 11	77.8 19	112 26	106 16	126 14
1954 1954	31.0 17	32.3 18	34.1 14	42.5 20	60.2 23	99.9 31	126 39	126 28	135 23
1955 1955	47.0 38	48.0 34	49.1 30	53.9 28	75.4 32	97.6 27	122 34	127 30	150 39
1956 1956	47.0 39	51.0 42	53.6 38	58.8 33	78.8 40	102 33	104 21	109 18	132 21
1957 1957	47.0 40	49.7 35	51.3 33	57.1 32	68.7 26	97.6 28	131 42	138 42	147 37
1958 1958	46.0 36	53.3 46	56.9 44	69.9 53	88.5 52	110 42	122 35	132 37	160 45
1959 1959	45.0 35	61.0 56	71.9 57	82.5 55	115 58	138 56	158 56	166 55	176 53
1960 1960	50.0 45	50.7 40	56.9 45	64.4 44	71.7 29	110 43	160 58	168 57	178 56

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waioa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	14	30	60	90	120	183
1961 1961	50.0 46	50.7 41	54.4 39	66.9 49	80.2 43	114 45	124 37	134 39	138 25
1962 1962	36.0 23	36.0 23	37.4 20	40.4 17	50.7 16	69.9 14	105 23	113 21	125 13
1963 1963	30.0 16	30.7 16	32.1 13	33.9 11	41.9 9	69.2 13	90.4 14	89.7 11	99.9 5
1964 1964	72.0 61	75.7 61	82.0 60	93.6 59	116 59	142 57	148 50	157 49	170 51
1965 1965	37.0 24	37.7 24	45.3 26	50.6 24	60.1 22	107 38	139 46	148 46	156 43
1966 1966	31.0 18	32.3 19	34.1 15	47.4 21	59.9 21	114 46	138 45	148 47	166 48
1967 1967	50.0 47	53.0 45	61.1 53	66.6 48	88.5 53	132 53	156 55	167 56	177 55
1968 1968	8.50 5	11.8 6	17.5 4	23.1 3	48.5 13	63.5 10	99.1 18	127 31	153 42
1969 1969	34.0 22	35.3 22	38.0 21	41.3 19	49.9 15	70.8 15	86.9 12	89.3 10	130 19
1970 1970	3.70 3	4.00 3	20.2 5	60.2 38	82.9 46	110 41	122 33	124 27	131 20
1971 1971	1.80 1	1.83 1	2.27 1	3.60 1	30.2 2	63.6 11	76.9 8	85.4 6	121 8
1972 1972	43.0 32	47.0 32	51.9 36	53.8 27	65.2 25	105 36	125 38	130 34	142 29
1973 1973	7.50 4	7.93 4	8.63 2	32.6 10	34.5 4	48.3 3	76.7 6	95.4 13	134 22
1974 1974	24.0 11	24.7 12	26.0 8	27.9 6	42.3 10	63.2 9	76.7 7	88.0 8	127 15
1975 1975	21.0 9	21.0 8	23.0 6	25.0 4	62.0 24	92.8 23	102 19	120 26	141 28
1976 1976	47.0 41	50.0 37	51.7 35	55.3 30	78.1 38	103 34	119 30	114 22	151 41
1977 1977	25.0 13	25.3 13	27.7 10	31.1 8	36.3 6	42.9 1	65.1 3	97.9 14	138 24
1978 1978	37.0 25	37.7 25	39.9 22	41.1 18	55.3 20	68.8 12	86.0 11	88.4 9	109 7
1979 1979	43.0 33	43.7 30	45.9 27	54.3 29	76.5 36	109 40	133 43	142 43	144 33
1980 1980	9.60 6	10.5 5	47.4 29	67.6 51	75.4 33	92.9 24	118 29	137 40	140 27
1981 1981	24.0 12	24.0 10	24.7 7	26.6 5	31.7 3	44.0 2	56.0 2	75.8 2	85.6 1
1982 1982	63.0 59	65.3 57	80.7 59	86.7 57	136 61	147 60	161 60	169 58	184 58
1983 1983	2.50 2	2.77 2	27.6 9	29.9 7	35.4 5	49.1 4	55.8 1	75.5 1	102 6
1984 1984	29.0 15	30.0 14	30.7 11	31.4 9	39.7 8	59.5 7	69.4 5	79.9 3	122 11
1985 1985	17.0 8	17.0 7	17.4 3	18.0 2	20.9 1	54.6 6	83.3 9	81.9 5	122 9
1986 1986	14.0 7	24.0 11	34.6 17	39.5 16	49.5 14	76.4 16	97.0 16	119 24	150 40
1987 1987	44.0 34	50.0 38	51.1 32	59.4 35	80.0 41	108 39	156 54	173 60	196 61

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waioa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1924 1924	257 59	247 64	237 64	225 63	215 61	201 60	183 61	165 62	165 59
1925 1925	257 60	257 58	257 58	248 58	241 54	237 41	233 29	223 28	214 24
1926 1926	263 51	255 61	248 62	239 61	211 62	185 63	154 63	140 63	122 63
1927 1927	260 58	258 57	257 57	255 53	243 52	230 49	214 46	198 45	203 37
1928 1928	269 50	265 50	261 50	253 56	247 49	242 33	235 27	214 34	206 33
1929 1929	275 45	273 44	264 47	263 41	262 31	232 45	232 31	227 23	215 23
1930 1930	272 47	272 45	272 42	270 37	267 22	261 14	255 10	248 8	243 5
1931 1931	257 61	257 59	255 59	253 54	247 50	244 30	235 25	212 35	206 34
1932 1932	257 62	257 60	254 60	252 57	250 47	245 29	233 30	227 24	209 28
1933 1933	251 63	251 62	251 61	248 59	225 59	205 58	192 54	187 51	172 54
1934 1934	263 52	263 51	260 52	258 51	257 37	252 21	248 16	247 9	218 21
1935 1935	263 53	263 52	260 53	258 50	243 53	218 53	217 44	204 43	192 43
1936 1936	263 54	263 53	260 55	259 47	258 36	252 22	248 15	241 11	241 6
1937 1937	263 55	263 54	261 51	259 46	258 33	254 19	254 12	253 4	250 1
1938 1938	263 56	263 55	260 54	258 48	252 43	248 25	244 19	241 12	226 13
1939 1939	263 57	261 56	260 56	258 49	252 45	239 37	237 23	235 17	233 9
1940 1940	282 38	282 35	281 31	276 29	265 24	243 32	222 40	198 44	184 46
1941 1941	288 35	282 36	277 35	274 30	262 29	230 47	231 33	222 30	220 19
1942 1942	278 39	278 38	278 34	277 26	273 18	268 11	257 7	227 25	210 27
1943 1943	278 40	276 39	271 44	268 38	257 38	239 38	222 39	216 32	208 31
1944 1944	275 46	272 46	265 46	239 62	220 60	196 61	187 59	188 49	178 50
1945 1945	278 41	276 40	274 39	273 33	263 28	239 39	204 51	173 58	177 52
1946 1946	286 36	276 41	273 41	272 34	267 23	259 16	220 42	192 47	182 49
1947 1947	286 37	279 37	274 40	253 55	238 57	207 57	206 50	192 48	194 41
1948 1948	278 42	276 42	275 38	273 32	262 30	237 42	228 35	210 37	209 29
1949 1949	278 43	274 43	272 43	261 44	246 51	232 46	208 49	194 46	177 51
1950 1950	272 48	272 47	263 49	260 45	240 55	230 48	214 45	205 41	199 39
1951 1951	251 64	248 63	240 63	222 64	202 63	186 62	179 62	171 60	169 57
1952 1952	272 49	268 49	263 48	262 43	256 39	238 40	237 24	230 20	220 20
1953 1953	278 44	272 48	266 45	262 42	256 40	249 24	213 47	176 57	162 61
1954 1954	302 18	302 14	302 10	302 4	297 5	293 1	274 3	276 1	244 2
1955 1955	302 19	302 15	302 11	302 6	300 1	268 10	255 11	239 14	237 7
1956 1956	302 20	302 16	302 12	302 5	292 6	283 3	275 2	258 3	244 4
1957 1957	291 26	291 25	291 17	289 15	270 19	240 36	209 48	180 56	182 48
1958 1958	291 27	291 26	291 21	288 16	282 12	271 8	250 13	250 7	223 16
1959 1959	291 28	291 27	286 28	280 22	258 34	240 34	226 37	205 42	205 35
1960 1960	291 29	291 28	291 18	282 19	276 14	251 23	229 34	215 33	222 17

DVSTART - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waialoa Ditch at Honopou near Huealo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1961 1961	291 30	291 29	291 19	282 18	252 44	224 52	189 56	188 50	170 56
1962 1962	291 31	291 30	281 32	276 27	251 46	226 51	199 52	170 61	170 55
1963 1963	291 32	291 31	290 22	288 17	286 9	263 13	250 14	244 10	214 25
1964 1964	291 33	291 32	289 24	282 20	265 26	233 44	223 38	207 39	198 40
1965 1965	291 34	291 33	291 20	270 36	237 58	210 55	192 53	186 52	184 45
1966 1966	302 21	295 23	284 29	281 21	268 20	248 27	235 26	225 26	213 26
1967 1967	326 2	321 1	310 4	297 11	264 27	244 31	218 43	222 29	207 32
1968 1968	319 6	314 6	308 5	305 2	285 11	268 9	227 36	207 40	184 47
1969 1969	317 8	302 13	288 26	280 24	274 17	260 15	255 9	225 27	230 11
1970 1970	322 3	319 4	314 2	300 8	265 25	253 20	246 17	230 21	233 10
1971 1971	318 7	307 9	294 14	276 28	267 21	204 59	188 58	172 59	150 62
1972 1972	313 10	307 8	279 33	265 39	248 48	208 56	184 60	182 54	175 53
1973 1973	322 4	319 3	313 3	306 1	298 4	274 7	245 18	230 22	200 38
1974 1974	298 24	294 24	276 37	256 52	240 56	213 54	190 55	181 55	163 60
1975 1975	298 25	291 34	288 25	274 31	260 32	240 35	241 21	233 18	220 18
1976 1976	311 12	300 19	293 15	292 13	280 13	257 17	239 22	219 31	188 44
1977 1977	302 22	298 20	296 13	293 12	285 10	256 18	244 20	211 36	204 36
1978 1978	313 11	301 18	290 23	280 23	275 15	266 12	256 8	240 13	226 14
1979 1979	306 17	298 21	288 27	264 40	256 41	236 43	221 41	209 38	193 42
1980 1980	300 23	297 22	282 30	271 35	255 42	246 28	235 28	237 16	225 15
1981 1981	322 5	318 5	276 36	239 60	192 64	162 64	129 64	111 64	110 64
1982 1982	328 1	319 2	317 1	304 3	291 7	276 6	265 4	238 15	234 8
1983 1983	314 9	308 7	306 6	290 14	258 35	248 26	232 32	231 19	208 30
1984 1984	311 13	301 17	292 16	279 25	274 16	227 50	189 57	184 53	169 58
1985 1985	311 14	306 10	302 9	300 7	299 2	280 4	279 1	251 6	229 12
1986 1986	307 16	306 11	305 7	299 9	299 3	283 2	260 6	269 2	244 3
1987 1987	308 15	306 12	304 8	298 10	290 8	279 5	264 5	252 5	217 22

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Waialoa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1924 1924	153 13	1924 1924	153 52
1925 1925	179 38	1925 1925	179 27
1926 1926	122 2	1926 1926	122 63
1927 1927	173 33	1927 1927	173 32
1928 1928	186 49	1928 1928	186 16
1929 1929	177 36	1929 1929	177 29
1930 1930	208 61	1930 1930	208 4
1931 1931	177 35	1931 1931	177 30
1932 1932	199 57	1932 1932	199 8
1933 1933	135 5	1933 1933	135 60
1934 1934	154 15	1934 1934	154 50
1935 1935	186 48	1935 1935	186 17
1936 1936	184 44	1936 1936	184 21
1937 1937	232 64	1937 1937	232 1
1938 1938	204 60	1938 1938	204 5
1939 1939	215 63	1939 1939	215 2
1940 1940	167 28	1940 1940	167 37
1941 1941	191 56	1941 1941	191 9
1942 1942	202 59	1942 1942	202 6
1943 1943	167 29	1943 1943	167 36
1944 1944	137 6	1944 1944	137 59
1945 1945	155 17	1945 1945	155 48
1946 1946	153 14	1946 1946	153 51
1947 1947	176 34	1947 1947	176 31
1948 1948	181 41	1948 1948	181 24
1949 1949	163 23	1949 1949	163 42
1950 1950	169 32	1950 1950	169 33
1951 1951	146 8	1951 1951	146 57
1952 1952	187 52	1952 1952	187 13
1953 1953	146 9	1953 1953	146 56
1954 1954	189 54	1954 1954	189 11
1955 1955	187 51	1955 1955	187 14
1956 1956	181 42	1956 1956	181 23
1957 1957	164 24	1957 1957	164 41
1958 1958	190 55	1958 1958	190 10
1959 1959	188 53	1959 1959	188 12
1960 1960	186 47	1960 1960	186 18
1961 1961	151 12	1961 1961	151 53
1962 1962	146 10	1962 1962	146 55
1963 1963	155 18	1963 1963	155 47
1964 1964	184 45	1964 1964	184 20

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16588000
 Maialoa Ditch at Honopou near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1965 1965	166 27	1965 1965	166 38
1966 1966	181 40	1966 1966	181 25
1967 1967	187 50	1967 1967	187 15
1968 1968	159 20	1968 1968	159 45
1969 1969	178 37	1969 1969	178 28
1970 1970	181 39	1970 1970	181 26
1971 1971	133 4	1971 1971	133 61
1972 1972	150 11	1972 1972	150 54
1973 1973	154 16	1973 1973	154 49
1974 1974	131 3	1974 1974	131 62
1975 1975	165 26	1975 1975	165 39
1976 1976	161 22	1976 1976	161 43
1977 1977	156 19	1977 1977	156 46
1978 1978	168 30	1978 1978	168 35
1979 1979	169 31	1979 1979	169 34
1980 1980	182 43	1980 1980	182 22
1981 1981	101 1	1981 1981	101 64
1982 1982	211 62	1982 1982	211 3
1983 1983	164 25	1983 1983	164 40
1984 1984	145 7	1984 1984	145 58
1985 1985	159 21	1985 1985	159 44
1986 1986	185 46	1986 1986	185 19
1987 1987	200 58	1987 1987	200 7

DVSTRT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

DURATION TABLE OF DAILY VALUES
 FOR PERIOD OCT TO SEP

CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
WATER YEAR																																						
RANGE																																						
1919 1919				17				17				59	31																									
1920 1920	17			76				9	82			78	11																									
1921 1921	59	15	11	15	14	1	16	44			14	48	12	4	5	9	3	3	3	3	7	3	2	2	10	6	3	6	4	11	5	14	9	7				
1938 1938	4	17		86	62	18	12	19		28	23	5	8	2	7	3	2	5	4	2	5	5	2	2	6	3	6	5	7	3	3	5	6			2		
1939 1939	1	13		93	48	26	13	18		7	5	2	7	7	5	15	6	11	9	4	4	11	12	4	10	4	4	6	7	9	3	1	1			3		
1940 1940	37	49	79	68	22	9	3	4		5	2	4	5	3	4	4	1	2	6	7	3	5	2	2	6	2	3	4	7	9	1	2	5			3		
1941 1941	4	84	38	73	22	6	11	4		7	1	2	3	3	1	2	2	7	4	6	7	7	10	8	8	5	9	7	6	8	7	5						
1942 1942	2	55	62	59	29	6	6	10		6	6	6	3	4	2	1	12	1	7	4	3	8	7	11	6	2	2	7	10	5	14	9	2			2		
1943 1943	12	119	63	44	10	2	4	13		2	1	3	6	2	2	3	4	6	3	1	2	4	6	11	5	3	15	8	8	2	5	1			1			
1944 1944	60	40	70	91	17	8	7	8		4	1	3	4	2	3	3	3	1	6	3	3	1	4	4	2	2	2	4	5	1	3	2	2			2		
1945 1945	57	27	73	71	16	12	3	9		9	3	1	1	2	1	1	1	1	1	4	2	2	7	5	3	6	6	13	8	13	8							
1946 1946	10	24	128	60	10	2	4	6		6	1	2	2	2	2	5	12	10	5	5	2	5	5	8	4	5	5	4	5	4	5	12	10	5				
1947 1947	37	27	66	80	27	7	5	13		6	1	2	2	3	2	5	3	2	1	8	3	6	6	8	6	8	5	7	7	7	4	4	2	1		1		
1948 1948	6	53		90	20	4	7	8		10	8	4	2	6	9	10	3	7	11	9	2	3	6	9	4	5	14	10	10	13	24							
1949 1949	3	19	104	58	12	9	5	7		10	8	8	8	20	11	2	4	6	12	8	8	4	7	4	4	10	9	8	3									
1950 1950	6	36	57	60	28	12	5	16		9	2	4	5	4	5	5	2	2	4	4	5	6	7	10	8	3	10	11	16	17	4							
1951 1951	39	44	38	86	36	14	18	15		6	3	4	3	2	6	3	2	1	1	5	1	3	3	3	8	4	10	5	2	2	1	1						
1952 1952	2	4	44	41	40	25	63	14		14	5	8	5		2	3	4	1	4	5	10	3	5	5	11	7	10	15	13	3								
1953 1953	2	36	126	74	18	7	12	7		5	8	3	3		2	3	2	2	2	6	1	8	5	6	1	5	9	2	5	6	1	3			2			
1954 1954	26	4	8	58	32	16	45	20		21	16	16	11	5	3	2	1	2	5	5	5	4	6	3	3	5	5	10	8	8	3	7	1	3				
1955 1955			19	55	39	44	70	23		28	23	9	6	4	5	3	6	1	1	1	2	7	7	4	4	1	3	2										
1956 1956	12	26		34	29	24	73	15		21	30	14	4	4	3	2	1	4	4	3	11	4	4	4	6	4	10	7	3	7	3	1						
1957 1957	27			89	55	27	35	25		15	15	19	6	4	2	3		4	2	3	2	2	4	2	3	3	3	3	5	6	2							
1958 1958	6	51		65	58	37	45	10		21	9	6	1	1	1	3		1	1	3	2	2	3	4	5	4	6	6	15	1								
1959 1959	3	23		63	59	27	36	11		17	4	4	1	2	1	2	1	3	9	6	2	4	9	6	9	4	11	8	7	8	25							
1960 1960	21	31		167	19	22	17	7		8	9	4	4	2	6	6	1	4	3	1	3	3	7	7	1	5	7	7	4	3	1	2						
1961 1961	16	62		172	29	11	15	7		10	1	4	9	4	1	1	1	2	4	2	4	1	2	1	1	1	1	2	2	2	3	3						
1962 1962	26	68		107	30	22	24	20		7	4	3	2	3	4	4	2	1	1	3	1	3	3	3	3	3	3	4	5	2	3							
1963 1963	40	35	40	161	22	13	11	9		9	2	2	2	2						1	1	2	1	1	1	1	1	4	3									
1964 1964	42	22	15	189	37	14	10	5		10	1	4	4	4	1	1	1	1	1	3	3	3	1	3	3	2	4	2	2	2	3							

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
1	0.00	455	10958	100.00	13	0.37	184	2840	25.92	25	6.90	143	1308	11.94
2	0.02	735	10503	95.85	14	0.47	89	2656	24.24	26	8.80	114	1165	10.63
3	0.03	1412	9768	89.14	15	0.61	113	2567	23.43	27	11.00	210	1051	9.59
4	0.04	0	8356	76.25	16	0.77	131	2454	22.39	28	14.00	207	841	7.67
5	0.05	2309	8356	76.25	17	0.99	107	2323	21.20	29	18.00	172	634	5.79
6	0.07	916	6047	55.18	18	1.30	99	2216	20.22	30	23.00	207	462	4.22
7	0.09	425	5131	46.82	19	1.60	132	2117	19.32	31	30.00	151	255	2.33
8	0.11	584	4706	42.95	20	2.00	120	1985	18.11	32	38.00	78	104	0.95
9	0.14	466	4122	37.62	21	2.60	106	1865	17.02	33	49.00	26	26	0.24
10	0.18	293	3656	33.36	22	3.30	139	1759	16.05	34	62.00	0	0	0.00
11	0.23	200	3363	30.69	23	4.20	149	1620	14.78	35	0.00	0	0	0.00
12	0.29	323	3163	28.86	24	5.40	163	1471	13.42					

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16590000 OLD HAMAKUA DITCH AT HONOPOU NR HOELO, MAUI, HI
 PARAMETER CODE = 00060
 STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALED OR EXCEEDED	DATA VALUE	(LOG =
95.0	0.02	-1.67236)
90.0	0.03	(LOG = -1.54184)
85.0	0.03	(LOG = -1.47869)
80.0	0.04	(LOG = -1.43070)
75.0	0.05	(LOG = -1.29081)
70.0	0.06	(LOG = -1.25230)
65.0	0.06	(LOG = -1.21694)
60.0	0.07	(LOG = -1.18423)
55.0	0.07	(LOG = -1.15219)
50.0	0.08	(LOG = -1.08406)
45.0	0.10	(LOG = -1.00258)
40.0	0.13	(LOG = -0.89763)
35.0	0.16	(LOG = -0.78355)
30.0	0.25	(LOG = -0.59743)
25.0	0.42	(LOG = -0.37200)
20.0	1.37	(LOG = 0.13797)
15.0	4.05	(LOG = 0.60708)
10.0	10.1	(LOG = 1.00584)
5.0	20.5	(LOG = 1.31182)

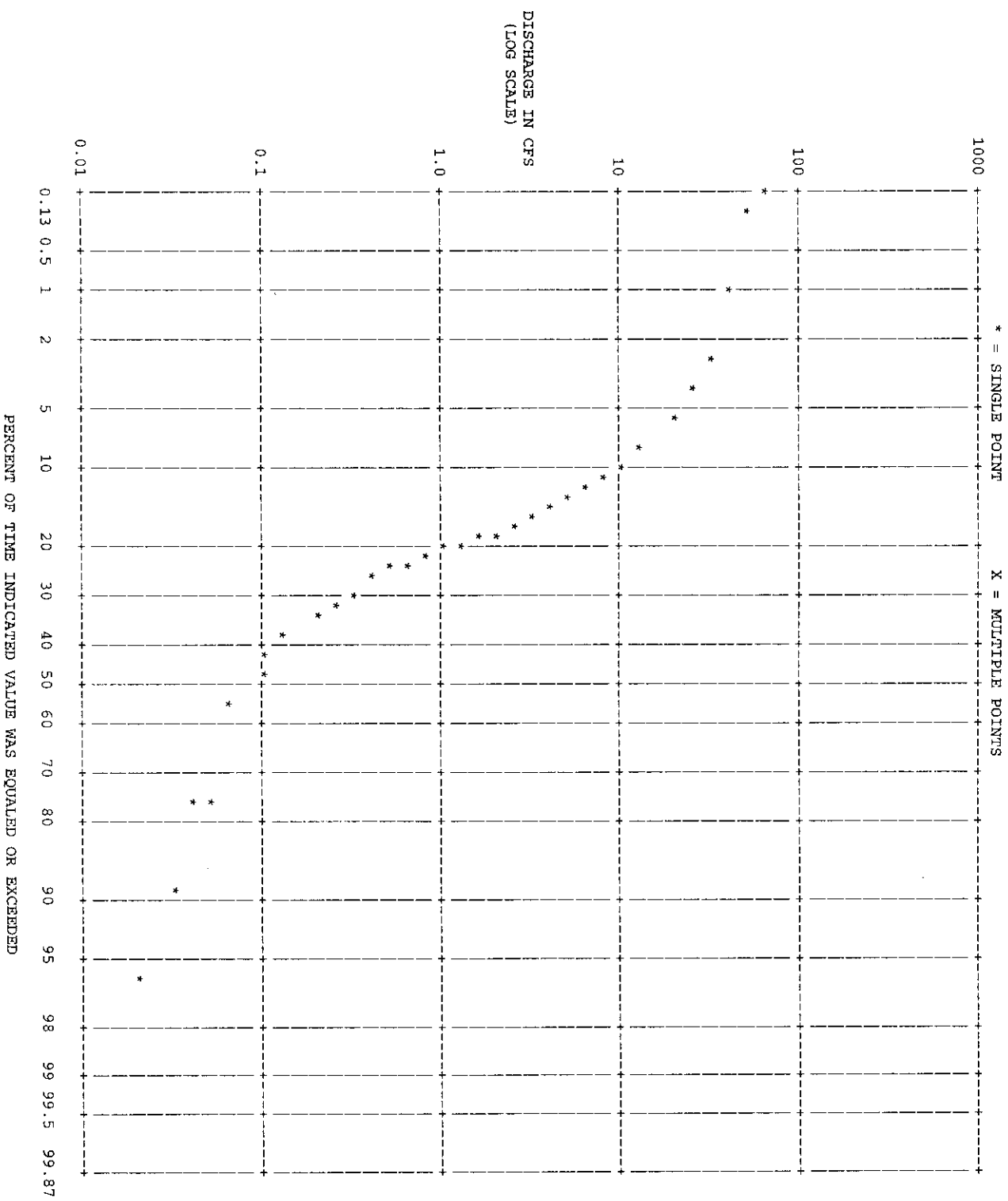
MEAN OF LOGS = -0.73129

STANDARD DEVIATION OF LOGS = 0.87899 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = -1.20197

COEFFICIENT OF SKEW = 1.28738

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16590000 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI (YEARS 1918 - 1965)
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	14	30	60	90	120	183
1919 1919	.15 30	.15 30	.20 30	.20 30	.25 29	1.02 30	2.49 30	3.15 30	5.21 30
1920 1920	.0000 1	.0000 1	.0000 1	.0000 1	.040 20	.079 15	.17 11	.21 6	1.46 17
1921 1921	.0000 2	.0000 2	.0000 2	.0000 2	.0000 1	.047 10	.36 16	.46 10	.70 7
1938 1938	.020 19	.023 26	.027 24	.031 26	.073 27	.30 25	.69 23	1.07 21	2.59 23
1939 1939	.020 20	.030 27	.037 29	.063 29	.27 30	.88 29	1.31 29	1.35 27	1.50 18
1940 1940	.0000 3	.0000 3	.0000 3	.003 10	.019 7	.079 16	.22 12	.69 15	.90 8
1941 1941	.0000 4	.0000 4	.017 16	.020 14	.024 13	.17 22	.71 24	.83 18	2.30 22
1942 1942	.0000 5	.007 16	.014 15	.020 15	.022 9	.24 24	.79 25	.99 20	3.02 27
1943 1943	.0000 6	.0000 5	.0000 4	.009 11	.041 21	.67 27	1.27 28	1.11 22	2.19 20
1944 1944	.0000 7	.0000 6	.0000 5	.0000 3	.001 3	.031 5	.37 17	.92 19	.91 10
1945 1945	.0000 8	.0000 7	.0000 6	.0000 4	.001 4	.021 3	.16 10	1.24 26	2.59 24
1946 1946	.0000 9	.0000 8	.0000 7	.018 13	.022 10	.035 6	1.13 27	1.50 28	4.30 28
1947 1947	.0000 10	.0000 9	.0000 8	.0000 5	.031 15	.039 7	.65 22	1.16 24	2.59 25
1948 1948	.020 21	.020 19	.023 21	.028 23	.042 22	.72 28	1.12 26	1.71 29	4.76 29
1949 1949	.0000 11	.0000 10	.011 14	.016 12	.021 8	.20 23	.41 18	.54 13	.92 11
1950 1950	.0000 12	.0000 11	.009 13	.021 18	.030 14	.34 26	.60 21	1.21 25	2.17 19
1951 1951	.0000 13	.0000 12	.0000 9	.0000 6	.017 6	.024 4	.30 13	.48 11	1.00 13
1952 1952	.0000 14	.007 17	.023 22	.026 21	.083 28	.087 19	.089 5	1.13 23	2.25 21
1953 1953	.0000 15	.013 18	.019 17	.020 16	.022 11	.041 8	.44 19	.66 14	1.14 15
1954 1954	.0000 16	-.0000 13	.0000 10	.001 9	.049 25	.16 21	.50 20	.74 17	1.34 16
1955 1955	.030 28	.030 28	.030 27	.037 28	.060 26	.10 20	.36 15	.38 8	.90 9
1956 1956	.020 22	.020 20	.021 20	.022 20	.039 19	.080 18	.092 6	.14 5	.64 6
1957 1957	.030 29	.030 29	.030 28	.030 24	.044 23	.070 14	.11 7	.14 4	.96 12
1958 1958	.020 23	.020 21	.027 25	.030 25	.037 17	.041 9	.045 2	.058 3	.066 2
1959 1959	.020 24	.020 22	.029 26	.035 27	.045 24	.064 12	.077 4	.48 12	2.84 26
1960 1960	.020 25	.020 23	.020 18	.021 19	.037 18	.059 11	.34 14	.73 16	1.01 14
1961 1961	.020 26	.020 24	.023 23	.026 22	.032 16	.069 13	.11 8	.31 7	.35 4
1962 1962	.020 27	.020 25	.020 19	.020 17	.023 12	.079 17	.13 9	.44 9	.46 5
1963 1963	.0000 17	.0000 14	.0000 11	.0000 7	.0000 2	.014 1	.050 3	.051 2	.19 3
1964 1964	.0000 18	.0000 15	.0000 12	.0000 8	.003 5	.014 2	.027 1	.026 1	.054 1

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1919 1919	53.0 7	51.3 2	48.3 1	37.2 2	26.8 3	20.0 2	15.6 2	16.6 1	14.2 1
1920 1920	54.0 5	46.0 3	46.0 2	31.4 4	16.4 8	8.68 9	6.38 11	5.58 12	4.01 14
1921 1921	60.0 2	57.3 1	43.9 3	38.4 1	27.9 2	23.2 1	17.5 1	14.1 2	9.26 2
1938 1938	61.0 1	45.7 4	29.8 8	14.6 16	12.2 12	7.80 11	7.55 8	5.99 10	5.14 9
1939 1939	45.0 10	26.3 23	23.1 15	14.2 17	9.61 16	6.10 18	5.19 15	4.16 17	3.34 18
1940 1940	54.0 6	41.7 7	32.9 5	24.7 8	14.0 9	7.41 13	5.09 17	3.83 19	2.98 19
1941 1941	44.0 11	39.3 8	24.1 13	14.1 18	10.8 14	6.69 15	5.89 13	6.24 9	5.69 8
1942 1942	41.0 13	37.3 9	26.4 12	18.4 11	13.6 10	9.99 8	8.77 7	6.70 8	4.79 11
1943 1943	39.0 17	27.7 21	18.4 17	11.9 20	8.77 17	6.48 16	4.84 20	4.25 16	3.92 16
1944 1944	41.0 14	25.0 24	12.9 26	6.41 27	4.01 27	3.57 26	2.82 23	2.69 22	1.98 27
1945 1945	36.0 20	29.3 18	23.9 14	19.4 9	13.6 11	7.64 12	5.11 16	4.10 18	4.82 10
1946 1946	56.0 3	43.7 6	42.6 4	33.4 3	25.6 4	19.7 3	13.9 5	11.1 5	8.14 5
1947 1947	49.0 8	29.6 17	16.2 21	10.1 22	7.20 20	6.23 17	5.90 12	4.50 15	4.01 15
1948 1948	34.0 23	32.7 11	31.9 7	30.5 5	28.2 1	19.3 4	14.7 4	11.6 4	8.53 3
1949 1949	21.0 29	15.7 27	13.5 25	7.30 26	5.06 25	4.20 21	3.09 21	2.46 25	2.50 21
1950 1950	32.0 24	30.7 13	28.3 10	25.2 7	17.9 6	14.7 6	11.5 6	9.03 6	7.04 6
1951 1951	41.0 15	32.3 12	17.0 20	9.93 23	5.17 24	3.44 27	2.49 27	2.53 24	2.04 26
1952 1952	27.0 27	22.3 26	22.0 16	15.3 14	8.54 18	5.59 20	4.93 18	5.12 13	4.18 13
1953 1953	43.0 12	28.3 20	17.1 19	15.7 13	10.3 15	6.84 14	4.86 19	3.66 20	2.82 20
1954 1954	55.0 4	45.0 5	32.1 6	16.4 12	11.7 13	8.33 10	6.89 10	7.20 7	5.75 7
1955 1955	47.0 9	22.7 25	12.5 27	8.87 25	4.77 26	3.83 23	2.96 22	2.85 21	2.17 24
1956 1956	39.0 18	27.7 22	17.9 18	15.1 15	8.23 19	5.68 19	5.41 14	4.91 14	4.35 12
1957 1957	35.0 21	30.7 14	15.0 23	10.3 21	6.19 22	4.15 22	2.79 24	2.17 27	2.30 22
1958 1958	31.0 25	29.7 16	26.7 11	19.3 10	16.8 7	10.8 7	7.46 9	5.61 11	3.69 17
1959 1959	35.0 22	33.7 10	29.6 9	25.5 6	20.1 5	18.3 5	15.6 3	11.7 3	8.29 4
1960 1960	40.0 16	30.3 15	16.1 22	9.13 24	6.03 23	3.81 24	2.56 26	2.40 26	2.07 25
1961 1961	22.0 28	13.1 29	6.46 29	3.23 30	1.71 30	.99 30	.69 30	.72 30	.63 29
1962 1962	37.0 19	29.3 19	14.3 24	12.1 19	6.32 21	3.72 25	2.68 25	2.68 23	2.20 23
1963 1963	17.0 30	11.4 30	7.49 28	3.52 29	2.13 29	1.38 29	.96 29	.73 29	.50 30
1964 1964	28.0 26	13.7 28	5.97 30	4.76 28	3.29 28	2.37 28	1.73 28	1.37 28	.92 28

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
 OLD HAMAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)			MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)		
WATER YEAR RANGE			WATER YEAR RANGE		
1919 1919	9.40	30	1919 1919	9.40	1
1920 1920	2.72	18	1920 1920	2.72	13
1921 1921	5.34	29	1921 1921	5.34	2
1938 1938	2.93	20	1938 1938	2.93	11
1939 1939	2.36	14	1939 1939	2.36	17
1940 1940	2.61	16	1940 1940	2.61	15
1941 1941	3.48	23	1941 1941	3.48	8
1942 1942	3.69	24	1942 1942	3.69	7
1943 1943	2.50	15	1943 1943	2.50	16
1944 1944	1.35	6	1944 1944	1.35	25
1945 1945	3.27	22	1945 1945	3.27	9
1946 1946	4.58	26	1946 1946	4.58	5
1947 1947	2.80	19	1947 1947	2.80	12
1948 1948	5.15	28	1948 1948	5.15	3
1949 1949	1.54	9	1949 1949	1.54	22
1950 1950	3.97	25	1950 1950	3.97	6
1951 1951	1.49	8	1951 1951	1.49	23
1952 1952	2.68	17	1952 1952	2.68	14
1953 1953	1.99	11	1953 1953	1.99	20
1954 1954	3.24	21	1954 1954	3.24	10
1955 1955	1.25	4	1955 1955	1.25	27
1956 1956	2.30	12	1956 1956	2.30	19
1957 1957	1.55	10	1957 1957	1.55	21
1958 1958	2.31	13	1958 1958	2.31	18
1959 1959	4.63	27	1959 1959	4.63	4
1960 1960	1.46	7	1960 1960	1.46	24
1961 1961	.46	1	1961 1961	.46	30
1962 1962	1.33	5	1962 1962	1.33	26
1963 1963	.49	3	1963 1963	.49	28
1964 1964	.49	2	1964 1964	.49	29

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16590000
OLD HAAKUA DITCH AT HONOPOU NR HUELO, MAUI, HI
PARAMETER CODE - 00060 DISCHARGE
STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)	WATER YEAR RANGE	MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	WATER YEAR RANGE
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DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16591000 HONOPOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 PARAMETER CODE = 00060
 STATISTIC CODE = 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALED OR EXCEEDED	DATA VALUE	(LOG = ...)
95.0	0.12	(LOG = -0.91764)
90.0	0.14	(LOG = -0.85335)
85.0	0.15	(LOG = -0.81463)
80.0	0.17	(LOG = -0.77908)
75.0	0.18	(LOG = -0.74623)
70.0	0.19	(LOG = -0.71723)
65.0	0.20	(LOG = -0.69641)
60.0	0.21	(LOG = -0.67653)
55.0	0.22	(LOG = -0.65753)
50.0	0.23	(LOG = -0.63932)
45.0	0.24	(LOG = -0.62185)
40.0	0.27	(LOG = -0.57019)
35.0	0.30	(LOG = -0.51992)
30.0	0.34	(LOG = -0.47327)
25.0	0.37	(LOG = -0.43069)
20.0	0.41	(LOG = -0.39192)
15.0	0.61	(LOG = -0.21156)
10.0	1.51	(LOG = 0.17781)
5.0	6.85	(LOG = 0.83571)

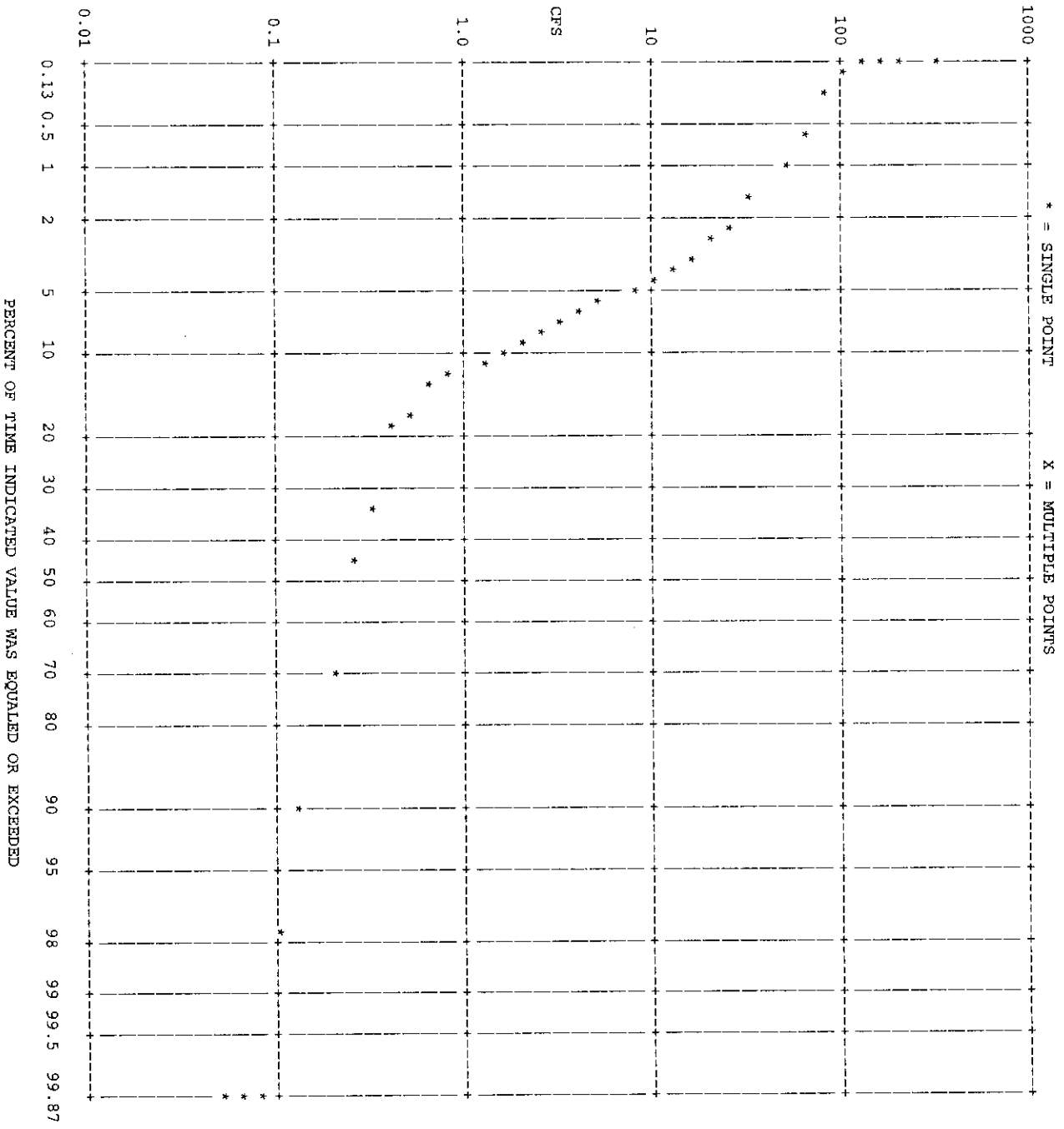
MEAN OF LOGS = -0.51073

STANDARD DEVIATION OF LOGS = 0.41230 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = -0.80728

COEFFICIENT OF SKEW = 2.30487

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP (YEARS 1932 - 1947)
 STATION ID: 16591000 HONOPOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16591000
 HONOPOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	14	30	60	90	120	183
1933 1933	.090 4	.090 3	.096 3	.10 3	.12 4	.16 8	.19 5	.19 2	.31 3
1934 1934	.080 2	.080 1	.083 2	.086 1	.089 1	.12 2	.22 7	.19 3	.33 4
1935 1935	.11 6	.11 6	.11 7	.13 9	.16 10	.20 9	.21 6	.26 5	.50 7
1936 1936	.090 5	.10 5	.10 4	.11 4	.14 8	.16 7	.16 3	.28 6	.50 8
1937 1937	.15 11	.16 14	.17 13	.17 12	.18 12	.20 10	.91 13	.84 12	1.31 13
1938 1938	.15 12	.15 11	.17 14	.18 13	.22 14	.27 14	.99 14	1.08 14	1.89 14
1939 1939	.15 13	.15 12	.15 11	.15 11	.17 11	.22 12	.32 9	.40 9	.70 9
1940 1940	.11 7	.12 9	.12 9	.12 8	.13 7	.14 5	.16 4	.35 7	.43 6
1941 1941	.050 1	.093 4	.11 6	.12 6	.12 3	.14 6	.57 11	.87 13	1.29 12
1942 1942	.15 14	.15 13	.16 12	.18 14	.20 13	.22 13	.42 10	.45 10	1.15 11
1943 1943	.12 10	.13 10	.14 10	.15 10	.16 9	.21 11	.67 12	.77 11	1.06 10
1944 1944	.080 3	.080 2	.080 1	.086 2	.10 2	.11 1	.14 1	.14 1	.17 1
1945 1945	.11 8	.11 7	.11 5	.11 5	.13 6	.13 4	.14 2	.19 4	.26 2
1946 1946	.11 9	.11 8	.12 8	.12 7	.12 5	.13 3	.24 8	.39 8	.42 5

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16591000
 HONOPOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1933 1933	91.0 7	37.0 10	17.6 10	8.69 10	5.20 10	3.12 11	3.46 8	2.83 9	1.93 10
1934 1934	153 4	62.9 5	29.3 7	22.1 6	14.3 6	7.71 6	5.40 6	4.19 6	2.84 6
1935 1935	79.0 8	65.7 4	31.1 6	14.8 7	9.09 7	5.43 7	3.72 7	3.01 7	2.31 8
1936 1936	43.0 12	15.2 12	7.24 12	3.77 12	3.51 12	2.48 12	1.88 12	1.53 12	1.24 12
1937 1937	169 3	106 3	59.6 3	31.0 5	17.9 5	11.6 4	10.9 3	8.71 3	6.29 3
1938 1938	283 1	110 2	74.7 2	39.3 2	20.2 3	13.4 3	9.66 4	7.73 4	6.21 4
1939 1939	119 5	55.3 6	53.1 4	37.8 3	22.4 2	20.8 1	14.2 1	10.9 1	7.37 2
1940 1940	71.0 9	40.3 7	22.3 8	13.6 8	8.82 8	4.52 8	3.06 10	2.46 11	1.75 11
1941 1941	110 6	39.7 9	21.8 9	11.1 9	5.64 9	3.25 10	2.75 11	2.68 10	2.20 9
1942 1942	178 2	114 1	76.1 1	56.5 1	31.1 1	17.2 2	12.3 2	9.30 2	8.56 1
1943 1943	59.0 11	23.3 11	14.5 11	8.61 11	4.92 11	3.61 9	3.24 9	2.98 8	2.42 7
1944 1944	11.0 14	4.22 14	1.94 14	1.36 14	.79 14	.55 14	.42 14	.36 14	.31 14
1945 1945	16.0 13	5.72 13	4.81 13	2.72 13	1.45 13	1.00 13	.78 13	.72 13	.68 13
1946 1946	68.0 10	40.3 8	37.7 5	32.5 4	18.9 4	9.62 5	6.92 5	5.33 5	3.63 5

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16591000
 HONOBOU STR AT LOWRIE DITCH SIPHON NR HUELO, MAUI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1933 1933	1.06 4	1933 1933	1.06 11
1934 1934	1.58 8	1934 1934	1.58 7
1935 1935	1.27 6	1935 1935	1.27 9
1936 1936	.77 3	1936 1936	.77 12
1937 1937	3.64 12	1937 1937	3.64 3
1938 1938	3.51 11	1938 1938	3.51 4
1939 1939	3.92 13	1939 1939	3.92 2
1940 1940	1.23 5	1940 1940	1.23 10
1941 1941	1.54 7	1941 1941	1.54 8
1942 1942	4.81 14	1942 1942	4.81 1
1943 1943	1.60 9	1943 1943	1.60 6
1944 1944	.22 1	1944 1944	.22 14
1945 1945	.44 2	1945 1945	.44 13
1946 1946	1.97 10	1946 1946	1.97 5

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16593000 HONOPOU STR AB HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE = 00060
 STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALLED OR EXCEEDED	DATA VALUE	
95.0	0.28	(LOG = -0.55371)
90.0	0.35	(LOG = -0.45941)
85.0	0.41	(LOG = -0.38365)
80.0	0.45	(LOG = -0.34236)
75.0	0.50	(LOG = -0.30465)
70.0	0.53	(LOG = -0.27265)
65.0	0.57	(LOG = -0.24313)
60.0	0.61	(LOG = -0.21549)
55.0	0.66	(LOG = -0.18324)
50.0	0.70	(LOG = -0.15304)
45.0	0.75	(LOG = -0.12480)
40.0	0.82	(LOG = -0.08790)
35.0	0.89	(LOG = -0.05142)
30.0	1.00	(LOG = 0.00053)
25.0	1.22	(LOG = 0.08707)
20.0	1.49	(LOG = 0.17208)
15.0	1.98	(LOG = 0.29670)
10.0	3.29	(LOG = 0.51738)
5.0	8.91	(LOG = 0.94969)

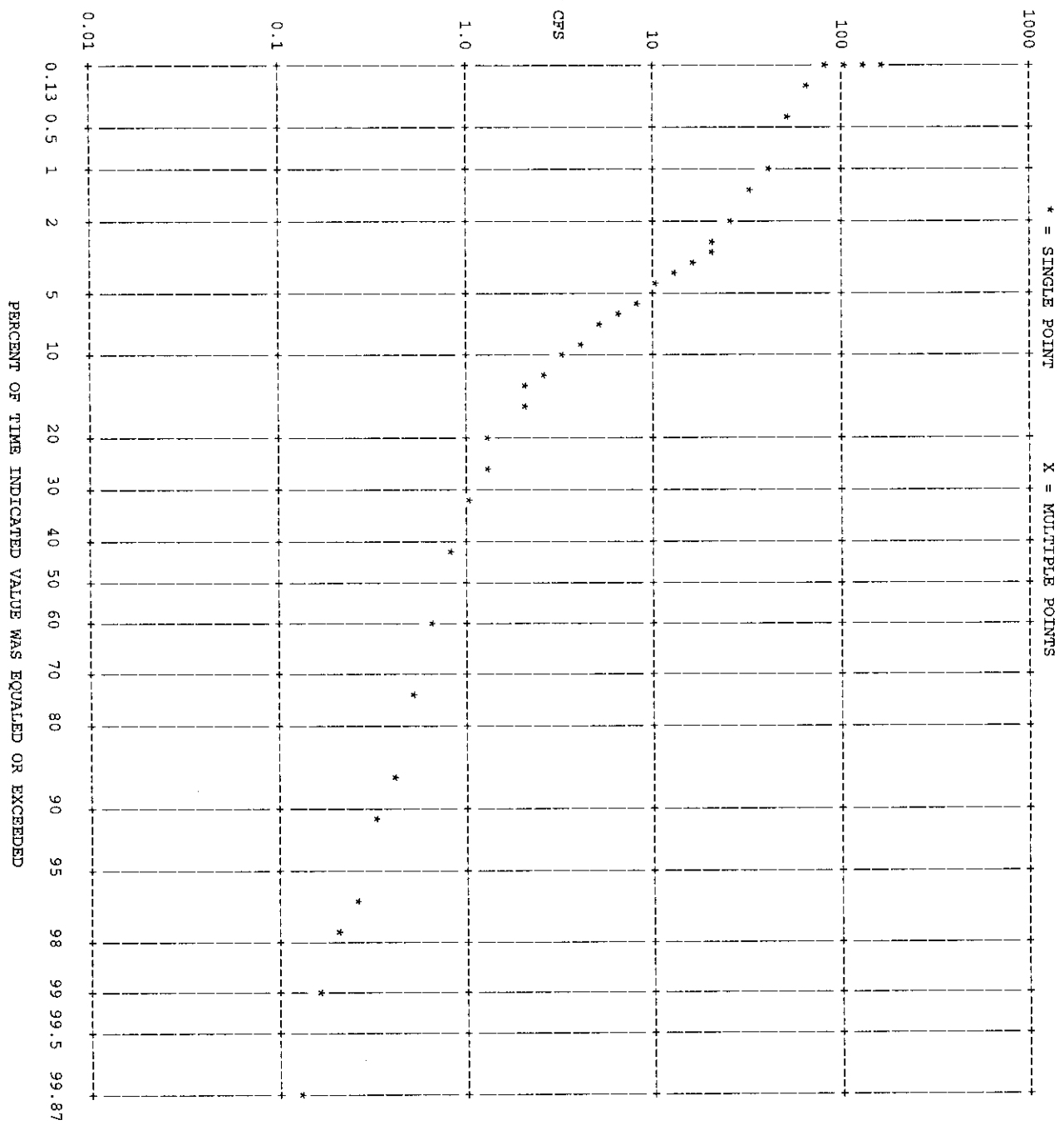
MEAN OF LOGS = -0.07116

STANDARD DEVIATION OF LOGS = 0.36027 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = -5.06299

COEFFICIENT OF SKEW = 1.43904

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP (YEARS 1932 - 1947)
 STATION ID: 16593000 HONOPOU STR AB HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16593000
 HONOPOU STR AB HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	2	3	7	14	30	60	90	120	183
1933 1933	.20	.21	.23	.23	.23	.24	.30	.34	.34	.47
1934 1934	.14	.15	.15	.15	.15	.16	.20	.34	.33	.39
1935 1935	.26	.26	.27	.27	.28	.47	.48	.50	.62	.87
1936 1936	.20	.20	.20	.20	.22	.25	.37	.37	.58	.68
1937 1937	.40	.43	.45	.45	.47	.75	1.03	1.87	1.77	2.37
1938 1938	.45	.47	.50	.50	.53	.63	.70	1.29	1.53	2.80
1939 1939	.40	.40	.42	.42	.44	.57	.65	.85	1.21	1.72
1940 1940	.36	.36	.37	.37	.38	.41	.44	.51	.77	.86
1941 1941	.34	.34	.36	.36	.36	.37	.41	1.10	1.03	1.46
1942 1942	.43	.44	.46	.46	.48	.50	.60	.85	.86	1.73
1943 1943	.46	.46	.48	.48	.52	.56	.67	1.22	1.22	1.52
1944 1944	.26	.26	.26	.26	.27	.28	.36	.46	.44	.58
1945 1945	.20	.24	.28	.28	.32	.38	.48	.51	.69	.89
1946 1946	.23	.24	.27	.33	.33	.39	.50	.76	.83	.97

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16593000
 HONOHOU STR AB HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1933 1933	39.0 11	33.3 8	16.7 9	8.48 11	5.39 10	3.40 11	2.85 11	2.46 11	1.78 12
1934 1934	107 4	49.0 6	27.7 7	19.3 6	13.3 6	7.55 6	5.54 6	4.40 6	3.05 6
1935 1935	71.0 5	58.7 4	29.6 6	14.6 7	9.19 7	5.70 7	4.02 7	3.48 7	2.85 7
1936 1936	31.0 12	16.7 12	9.03 12	5.53 12	4.80 12	3.60 10	2.81 12	2.24 12	1.86 11
1937 1937	111 3	80.3 2	50.0 3	27.5 4	16.9 4	11.8 3	11.1 3	9.05 2	6.83 3
1938 1938	150 2	66.0 3	50.9 2	27.5 5	14.9 5	11.0 4	8.46 4	6.82 4	6.05 4
1939 1939	63.0 7	50.0 5	48.4 4	35.9 2	21.3 2	20.0 1	13.9 1	11.3 1	7.93 2
1940 1940	48.0 9	33.3 9	19.9 8	12.2 8	8.13 8	4.45 8	3.11 9	2.52 10	2.03 10
1941 1941	71.0 6	27.8 10	16.3 10	9.26 9	5.02 11	3.34 12	3.08 10	2.70 9	2.45 9
1942 1942	181 1	96.3 1	67.3 1	44.7 1	26.0 1	15.1 2	11.3 2	8.68 3	8.34 1
1943 1943	45.0 10	20.7 11	12.3 11	8.56 10	5.67 9	4.20 9	3.58 8	3.44 8	2.76 8
1944 1944	11.0 14	5.10 14	2.89 14	2.47 14	1.71 14	1.34 14	1.13 14	1.09 14	.94 14
1945 1945	24.0 13	9.27 13	5.77 13	4.48 13	2.85 13	2.17 13	1.81 13	1.58 13	1.68 13
1946 1946	53.0 8	40.7 7	37.6 5	31.3 3	18.8 3	9.82 5	7.41 5	5.90 5	4.22 5

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16593000
 HONOLULU STR AB HAIKU DITCH NR HOELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1933 1933	1.07 2	1933 1933	1.07 13
1934 1934	1.72 7	1934 1934	1.72 8
1935 1935	1.71 5	1935 1935	1.71 10
1936 1936	1.24 4	1936 1936	1.24 11
1937 1937	4.41 12	1937 1937	4.41 3
1938 1938	3.71 11	1938 1938	3.71 4
1939 1939	4.47 13	1939 1939	4.47 2
1940 1940	1.71 6	1940 1940	1.71 9
1941 1941	1.83 8	1941 1941	1.83 7
1942 1942	4.94 14	1942 1942	4.94 1
1943 1943	1.96 9	1943 1943	1.96 6
1944 1944	.71 1	1944 1944	.71 14
1945 1945	1.20 3	1945 1945	1.20 12
1946 1946	2.48 10	1946 1946	2.48 5

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16595000
 HONOIOU STR BELOW HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

DURATION TABLE OF DAILY VALUES
 FOR PERIOD OCT TO SEP

CLASS	NUMBER OF DAYS IN CLASS																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					
1933 1933					1			3	2	3	50	89	139	45	3	2	1	6	1	6	4	6	4	2																
1934 1934							2	2	1	2	75	81	102	15	5	4	5	6	4	4	3	3	5	6	5	5	7	3	7	5	4	1						1		
1935 1935							2	2	9	2	2	90	128	29	7	2	7	7	2	2	2	3	5	6	6	8	7	7	5	7	2	2	2	1						
1936 1936									1	2		96	53	82	25	13	9	11	3	4	4	7	15	8	6	12	6	2	1											
1937 1937										4	8	21	74	68	30	17	16	9	7	11	9	7	7	7	11	12	25	8	3	1	1	1	4							
1938 1938										5	7	17	54	58	66	25	6	5	7	4	8	7	9	11	8	11	15	10	9	3	3	1	1	1						
1939 1939						10	5	5	1	1	2	22	116	58	17	5	5	9	7	6	7	7	8	4	4	18	17	6	6	2	4	5	5	2				1		
1940 1940							4	4	1	2	2	13	38	174	49	13	11	1	7	3	2	2	4	5	4	7	9	7	2	3	1									
1941 1941							1	1		1	6	12	49	104	78	13	4	4	11	12	7	7	10	12	8	8	8	7	5	3	1	1								
1942 1942										4	2	12	21	122	64	24	11	3	3	7	10	8	8	10	12	8	8	9	9	4	3	2	2							
1943 1943						2	2			3	1	14	13	25	29	66	67	60	6	5	5	6	7	7	13	5	8	9	1	1										
1944 1944							1				2	2	7	2	7	7	1	3	3	4	3	3	6	6	6	5	1	1	4	1										
1945 1945							3	8	6	1	2	1	4	10	131	92	38	6	3	1	2	2	3	7	12	8	8	4	1											
1946 1946											1	41	89	74	62	15	5	7	1	2	8	1	4	12	12	10	10	10	9	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
1	0.00	0	5113	100.00	13	0.72	734	4072	79.64	25	23.00	116	514	10.05
2	0.03	3	5113	100.00	14	0.96	1218	3338	65.28	26	31.00	112	398	7.78
3	0.04	0	5110	99.94	15	1.30	693	2120	41.46	27	41.00	125	286	5.59
4	0.05	11	5110	99.94	16	1.70	245	1427	27.91	28	55.00	73	161	3.15
5	0.07	20	5099	99.73	17	2.30	89	1182	23.12	29	74.00	39	88	1.72
6	0.10	17	5079	99.34	18	3.10	73	1093	21.38	30	98.00	17	49	0.96
7	0.13	21	5062	99.00	19	4.10	85	1020	19.95	31	131.00	9	32	0.63
8	0.17	17	5041	98.59	20	5.50	64	935	18.29	32	176.00	12	23	0.45
9	0.23	54	5024	98.26	21	7.30	83	871	17.04	33	234.00	7	11	0.22
10	0.30	52	4970	97.20	22	9.70	78	788	15.41	34	313.00	3	4	0.08
11	0.40	335	4918	96.19	23	13.00	97	710	13.89	35	418.00	1	1	0.02
12	0.54	511	4583	89.63	24	17.00	99	613	11.99					

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16595000 HONOPU STR BELOW HAIKU DITCH NR HOELO, MAUI, HI
 PARAMETER CODE = 00060
 STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALED OR EXCEEDED	DATA VALUE	(LOG = ...)
95.0	0.43	(LOG = -0.37126)
90.0	0.53	(LOG = -0.27394)
85.0	0.62	(LOG = -0.20519)
80.0	0.71	(LOG = -0.14659)
75.0	0.80	(LOG = -0.09823)
70.0	0.88	(LOG = -0.05494)
65.0	0.96	(LOG = -0.01590)
60.0	1.04	(LOG = 0.01512)
55.0	1.11	(LOG = 0.04406)
50.0	1.18	(LOG = 0.07120)
45.0	1.25	(LOG = 0.09674)
40.0	1.34	(LOG = 0.12813)
35.0	1.49	(LOG = 0.17340)
30.0	1.64	(LOG = 0.21439)
25.0	2.06	(LOG = 0.31477)
20.0	4.06	(LOG = 0.60899)
15.0	10.6	(LOG = 1.02492)
10.0	23.2	(LOG = 1.36523)
5.0	44.4	(LOG = 1.64738)

MEAN OF LOGS = 0.23886

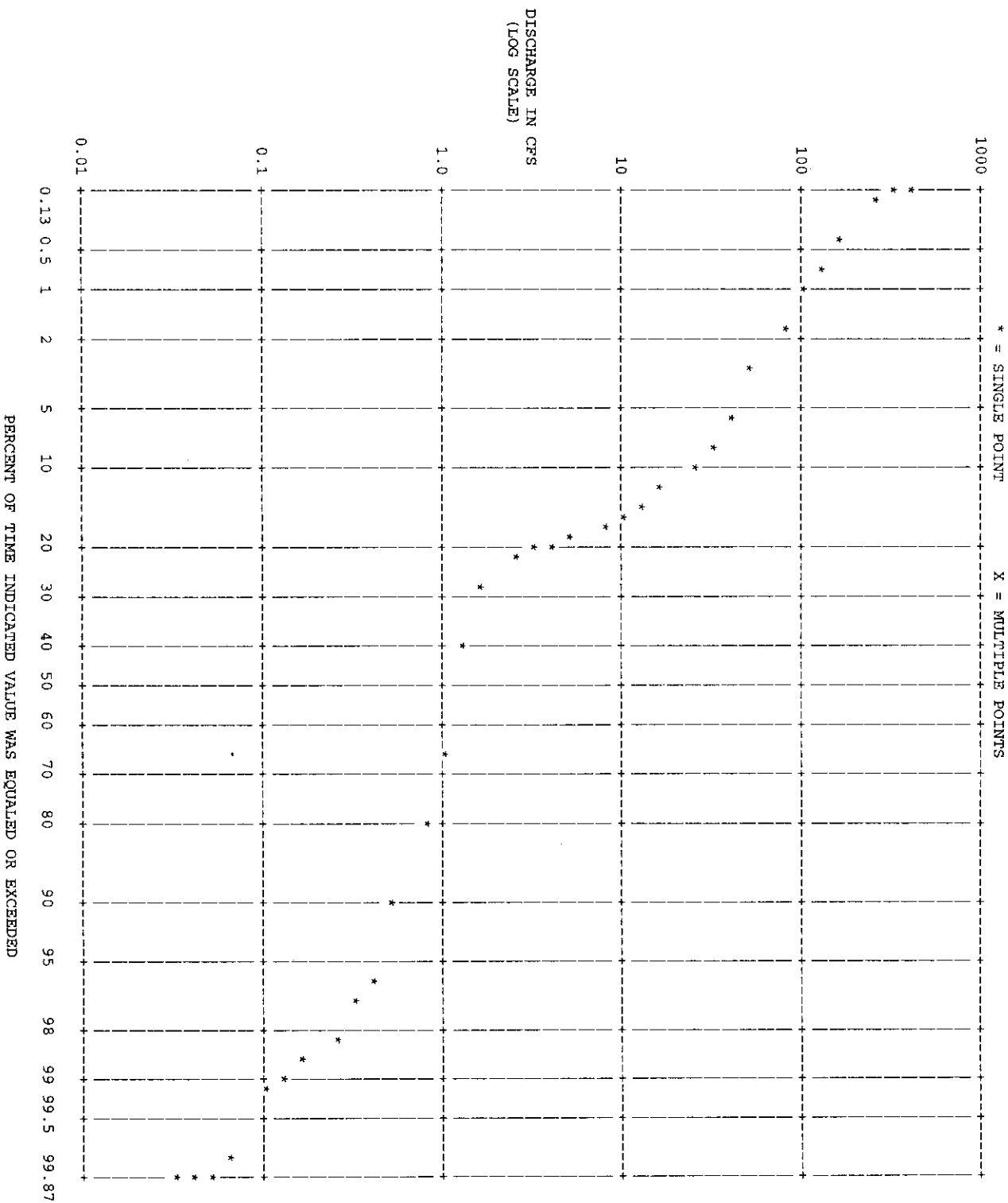
STANDARD DEVIATION OF LOGS = 0.54836 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = 2.29575

COEFFICIENT OF SKEW = 1.56104

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16595000 HONOPOU STR BELOW HAIKU DITCH NR HOELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

(YEARS 1907 - 1947)



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16595000
 HONOPOU STR BELOW HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1933 1933	.11 7	.31 8	.66 11	.68 5	.70 4	.77 3	.88 2	.94 1	1.11 1
1934 1934	.34 13	.45 10	.47 8	.49 3	.54 3	.80 4	1.51 5	1.44 3	1.79 3
1935 1935	.15 9	.16 6	.30 7	.71 8	.80 6	1.60 10	1.57 6	2.35 6	3.97 7
1936 1936	.29 12	.65 14	.67 12	.80 11	.83 7	1.56 9	1.36 4	1.63 5	2.49 5
1937 1937	.34 14	.36 9	.48 9	.84 12	1.51 13	3.70 14	5.98 14	5.77 13	7.60 12
1938 1938	.09 4	.11 4	.22 4	.73 10	1.08 9	1.90 11	3.80 11	5.46 12	9.15 13
1939 1939	.09 5	.09 3	.09 2	1.15 14	2.31 14	2.73 13	3.72 10	7.06 14	11.4 14
1940 1940	.12 8	.13 5	.16 3	.54 4	1.04 8	1.46 8	1.73 7	2.50 7	3.00 6
1941 1941	.09 6	.51 11	.63 10	.72 9	1.16 11	1.33 7	3.96 12	3.86 10	5.42 10
1942 1942	.25 11	.53 12	.83 14	.94 13	1.10 10	1.31 6	2.14 9	2.62 8	4.24 8
1943 1943	.06 3	.07 2	.29 6	.69 6	1.41 12	2.62 12	4.36 13	4.55 11	6.29 11
1944 1944	.05 2	.19 7	.25 5	.29 2	.47 2	.69 2	1.26 3	1.50 4	1.74 2
1945 1945	.03 1	.06 1	.06 1	.10 1	.34 1	.44 1	.78 1	1.04 2	2.11 4
1946 1946	.19 10	.63 13	.69 13	.71 7	.73 5	.84 5	2.05 8	2.69 9	5.00 9

DVSTAT -- DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16595000
 HONOPOU STR BELOW HAIKU DITCH NR HUELLO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1933 1933	114	98.3	48.6	23.5	13.6	8.07	7.61	6.35	4.58
1934 1934	234	116	79.4	52.8	41.1	24.6	19.0	15.2	10.7
1935 1935	135	116	61.1	30.1	16.1	14.2	10.9	11.8	10.1
1936 1936	82.0	57.7	41.3	32.2	24.6	16.7	13.4	10.7	8.70
1937 1937	210	200	131	77.0	54.2	35.6	30.5	24.5	18.9
1938 1938	343	162	125	69.7	42.7	34.7	30.4	24.5	19.3
1939 1939	418	345	318	182	98.1	83.5	57.9	51.3	37.2
1940 1940	104	71.0	46.7	29.0	20.8	11.5	8.18	6.77	5.78
1941 1941	167	68.0	40.6	24.3	16.2	11.6	11.6	10.7	10.0
1942 1942	274	176	113	81.3	55.9	33.6	24.7	18.9	18.4
1943 1943	118	65.7	39.8	26.7	18.7	14.7	11.1	11.3	8.77
1944 1944	53.0	34.5	19.6	11.1	6.82	5.64	4.41	4.00	3.18
1945 1945	63.0	37.0	29.9	19.2	14.3	8.52	6.79	5.19	5.66
1946 1946	88.0	54.7	48.3	34.4	25.7	19.0	18.2	15.5	11.4

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16595000
 HONOPOU STR BELOW HAIKU DITCH NR HUELO, MAUI, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT--SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT--SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1933 1933	2.76 2	1933 1933	2.76 13
1934 1934	6.25 7	1934 1934	6.25 8
1935 1935	6.21 6	1935 1935	6.21 9
1936 1936	5.53 5	1936 1936	5.53 10
1937 1937	12.5 13	1937 1937	12.5 2
1938 1938	12.1 12	1938 1938	12.1 3
1939 1939	20.9 14	1939 1939	20.9 1
1940 1940	5.30 4	1940 1940	5.30 11
1941 1941	7.12 10	1941 1941	7.12 5
1942 1942	11.3 11	1942 1942	11.3 4
1943 1943	6.52 8	1943 1943	6.52 7
1944 1944	2.23 1	1944 1944	2.23 14
1945 1945	3.80 3	1945 1945	3.80 12
1946 1946	6.77 9	1946 1946	6.77 6

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

DURATION TABLE OF DAILY VALUES

CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					
WATER YEAR																																								
1984																																								
1985																																								
1985																																								

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
1	0.00	70	25933	100.00	13	0.40	61	25799	99.48	25	12.00	2145	18670	71.99					
2	0.01	1	25863	99.73	14	0.53	68	25738	99.25	26	16.00	1917	16525	63.72					
3	0.02	1	25862	99.73	15	0.70	77	25670	98.99	27	21.00	2158	14608	56.33					
4	0.03	1	25861	99.72	16	0.93	169	25593	98.69	28	28.00	2036	12450	48.01					
5	0.04	0	25860	99.72	17	1.20	231	25424	98.04	29	37.00	2189	10414	40.16					
6	0.05	4	25860	99.72	18	1.60	405	25193	97.15	30	49.00	2189	8550	32.97					
7	0.07	5	25856	99.70	19	2.20	481	24788	95.58	31	65.00	4194	6361	24.53					
8	0.10	1	25851	99.68	20	2.90	586	24307	93.73	32	86.00	2164	2167	8.36					
9	0.13	4	25850	99.68	21	3.80	967	23721	91.47	33	114.00	3	3	0.01					
10	0.17	1	25846	99.66	22	5.10	1034	22754	87.74	34	0.00	0	0	0.00					
11	0.23	7	25845	99.66	23	6.70	1492	21720	83.75	35	0.00	0	0	0.00					
12	0.30	39	25838	99.63	24	8.90	1558	20228	78.00										

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
 STATION ID: 16592000 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE = 00060
 STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
 DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
 AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
 STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
 NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
 LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQUALED OR EXCEEDED	DATA VALUE	(LOG =)
95.0	2.42	(LOG = 0.38394)
90.0	4.31	(LOG = 0.63474)
85.0	6.20	(LOG = 0.79240)
80.0	8.14	(LOG = 0.91039)
75.0	10.4	(LOG = 1.01905)
70.0	13.0	(LOG = 1.11274)
65.0	15.4	(LOG = 1.18701)
60.0	18.5	(LOG = 1.26758)
55.0	22.1	(LOG = 1.34476)
50.0	26.3	(LOG = 1.42036)
45.0	31.4	(LOG = 1.49760)
40.0	37.3	(LOG = 1.57127)
35.0	45.6	(LOG = 1.65906)
30.0	54.6	(LOG = 1.73742)
25.0	64.1	(LOG = 1.80690)
20.0	70.9	(LOG = 1.85053)
15.0	77.4	(LOG = 1.88859)
10.0	83.9	(LOG = 1.92358)
5.0	97.3	(LOG = 1.98794)

MEAN OF LOGS = 1.36820

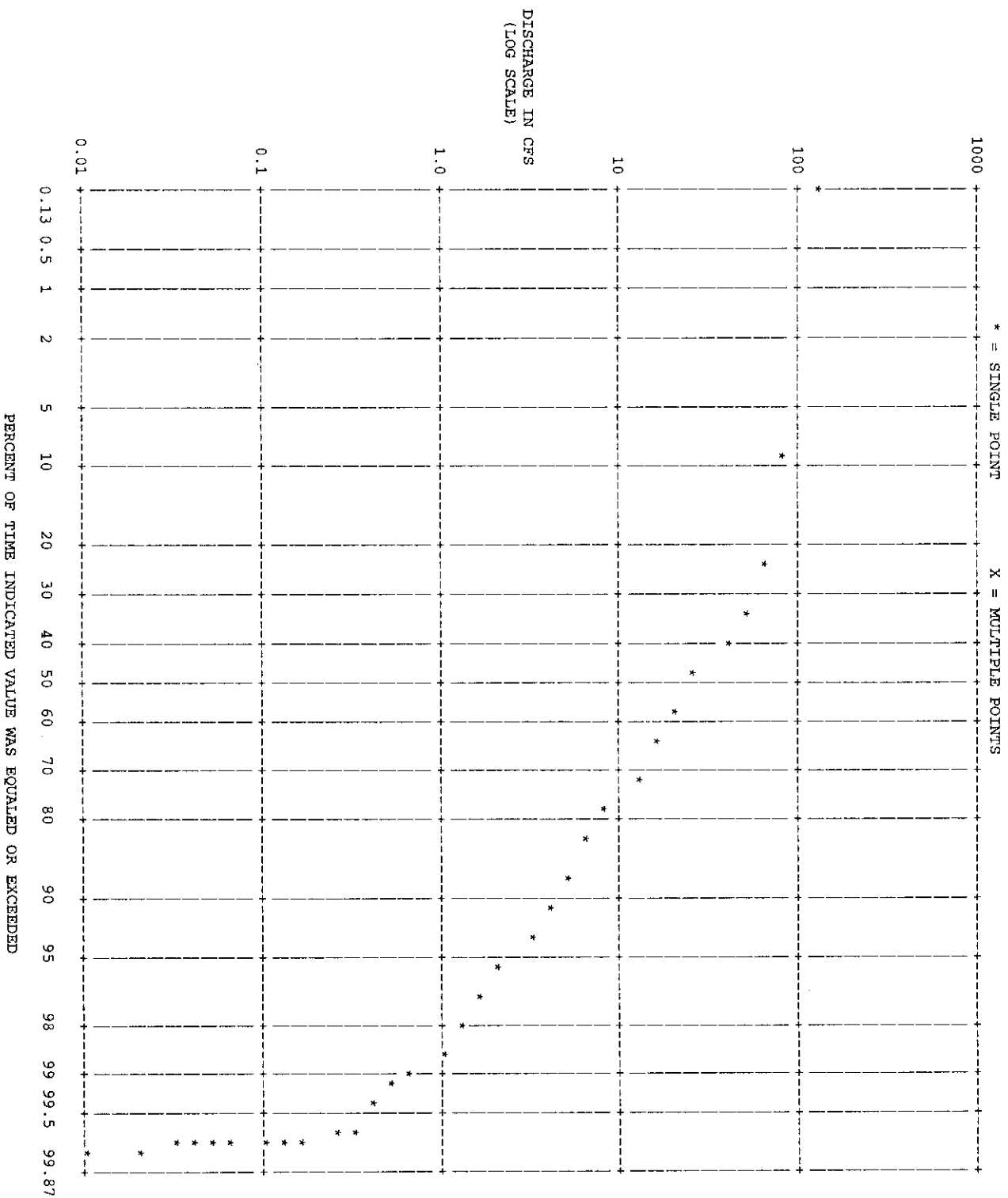
STANDARD DEVIATION OF LOGS = 0.46837 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = 0.34232

COEFFICIENT OF SKEW = -0.52498

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16592000 Lowrie Ditch at Honopou Gulch near Hueilo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

(YEARS 1910 - 1986)



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowerie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1911 1911	23.0 69	31.3 70	35.6 70	41.0 70	55.5 71	68.2 71	75.1 71	78.4 71	77.0 71
1912 1912	1.10 33	1.23 29	25.7 69	28.4 67	36.4 66	51.0 67	54.9 64	56.6 64	62.9 65
1913 1913	.0000 1	1.70 39	21.6 67	38.6 69	49.8 69	54.9 69	59.5 68	61.1 68	64.3 67
1914 1914	2.90 56	3.20 52	3.31 43	19.5 63	35.1 65	46.2 65	55.3 65	59.2 65	64.6 68
1915 1915	31.0 71	33.0 71	36.4 71	42.8 71	52.1 70	62.7 70	64.0 70	66.4 70	67.5 70
1916 1916	.0000 2	.0000 1	.0000 1	.022 2	11.5 52	26.0 58	39.0 61	43.7 61	52.9 59
1917 1917	2.50 51	4.03 60	13.4 65	18.0 62	20.5 60	29.7 60	35.3 58	43.3 59	55.0 62
1918 1918	8.80 65	9.17 65	10.4 63	13.8 60	16.6 57	32.0 62	44.7 62	48.7 62	56.8 63
1919 1919	.0000 3	.0000 2	9.49 61	35.0 68	39.9 67	51.3 68	61.1 69	60.3 67	64.8 69
1920 1920	9.30 66	9.47 67	10.0 62	13.3 58	17.8 58	24.6 55	31.7 56	34.6 57	41.4 56
1921 1921	23.0 70	23.7 69	24.1 68	27.9 66	34.6 64	47.4 66	56.9 66	61.7 69	59.3 64
1922 1922	16.0 68	18.0 68	19.6 66	20.2 64	22.2 61	29.6 59	37.4 60	43.4 60	53.0 60
1923 1923	.93 28	2.77 49	9.33 60	20.9 65	41.7 68	46.1 64	57.1 67	59.7 66	63.7 66
1924 1924	2.20 44	3.37 56	3.69 46	3.96 39	5.03 26	9.98 31	10.5 20	10.3 15	28.0 46
1925 1925	.77 21	.82 16	1.01 15	1.09 9	1.90 11	2.79 5	3.79 5	5.59 4	11.4 4
1926 1926	.46 15	.93 19	1.17 18	1.50 15	1.55 8	4.01 9	4.15 6	4.69 3	5.34 1
1931 1931	.15 11	.26 8	.35 7	.43 4	.51 3	.67 2	.86 2	.96 1	6.59 2
1932 1932	.77 22	1.32 32	6.14 57	13.6 59	19.7 59	24.7 56	35.0 57	33.5 55	43.0 58
1933 1933	2.90 57	3.33 55	3.64 45	4.16 41	5.20 27	7.43 18	9.37 17	10.1 13	12.6 6
1934 1934	1.20 35	1.20 28	2.04 32	2.40 27	3.59 18	7.42 17	8.82 14	10.2 14	13.5 9
1935 1935	.31 13	.93 20	1.75 29	6.22 50	13.5 54	20.8 52	22.2 50	25.2 51	31.6 51
1936 1936	3.10 59	3.27 54	3.60 44	4.84 44	8.77 48	12.5 40	12.2 29	15.6 30	23.7 38
1937 1937	.0000 4	.0000 3	5.84 54	10.6 56	22.7 62	33.2 63	46.2 63	49.3 63	54.1 61
1938 1938	7.60 64	7.90 64	8.66 59	11.0 57	15.9 56	25.3 57	27.6 55	34.3 56	42.0 57
1939 1939	9.30 67	9.30 66	12.1 64	15.4 61	28.9 63	30.7 61	35.7 59	40.6 58	40.7 55
1940 1940	3.00 58	3.07 51	4.51 50	6.45 51	10.0 50	17.6 48	18.0 44	20.8 45	21.6 33
1941 1941	5.80 63	5.87 63	6.04 56	6.61 53	10.8 51	14.9 46	20.8 48	22.9 49	30.6 50
1942 1942	4.70 61	4.90 61	5.93 55	6.52 52	7.26 41	14.2 44	25.9 54	28.4 53	37.5 54
1943 1943	2.50 52	2.50 46	2.64 39	2.96 31	9.30 49	14.9 47	16.7 43	18.2 39	27.4 45
1944 1944	1.00 31	1.00 23	1.07 16	1.34 14	1.48 6	3.96 7	10.9 23	9.90 11	12.7 7
1945 1945	2.20 45	2.23 41	2.46 36	3.96 40	4.16 20	8.44 21	9.33 16	13.9 26	21.2 32
1946 1946	3.30 60	3.63 58	4.41 49	4.83 43	6.60 38	10.1 32	16.5 41	21.2 46	28.3 47
1947 1947	1.50 38	1.57 36	1.83 30	2.43 28	6.68 39	8.80 24	18.4 45	20.0 43	24.4 40
1948 1948	2.50 53	2.53 48	2.80 40	3.12 32	7.47 43	18.4 50	25.4 53	28.9 54	34.9 53
1949 1949	.68 19	.68 13	.71 9	.78 6	.99 4	1.51 3	3.32 3	10.9 18	15.3 14
1950 1950	1.70 41	3.53 57	3.74 47	5.10 46	7.61 44	18.1 49	21.4 49	21.8 48	24.8 41

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1951 1951	.71 20	.80 15	.98 14	1.71 19	7.90 46	9.80 30	12.0 28	14.3 27	19.0 27
1952 1952	2.10 43	2.23 42	4.30 48	5.47 48	12.0 53	24.1 54	24.0 52	28.0 52	34.8 52
1953 1953	2.80 54	2.80 50	3.01 41	3.39 35	4.81 24	9.55 29	13.8 34	12.6 22	16.6 17
1954 1954	2.20 46	2.33 45	2.41 34	3.29 34	7.67 45	14.6 45	19.8 46	19.8 41	23.7 39
1955 1955	.87 26	1.09 25	1.42 23	1.76 22	3.48 17	12.4 37	13.1 33	14.5 28	22.1 35
1956 1956	.060 9	.073 7	.084 5	2.78 30	5.76 33	10.4 33	11.1 25	12.0 20	18.6 22
1957 1957	.080 10	1.45 34	4.89 52	5.40 47	5.99 35	9.50 28	16.0 40	19.9 42	22.4 36
1958 1958	.29 12	.29 9	.33 6	.38 3	.48 2	.50 1	.52 1	1.34 2	8.29 3
1959 1959	.87 27	1.02 24	1.28 20	1.61 16	6.02 36	7.60 20	9.57 18	17.2 36	25.2 42
1960 1960	5.30 62	5.47 62	6.19 58	6.87 54	8.16 47	18.5 51	20.6 47	21.5 47	30.4 49
1961 1961	2.20 47	2.50 47	4.76 51	5.99 49	7.41 42	12.2 36	13.0 32	16.9 35	19.7 28
1962 1962	.94 29	1.55 35	2.59 38	3.26 33	4.12 19	9.08 25	12.3 30	15.6 31	17.2 19
1963 1963	.0000 5	.0000 4	.080 4	.70 5	2.66 14	5.20 13	10.6 21	12.1 21	15.8 15
1964 1964	2.20 48	3.77 59	5.01 53	7.86 55	14.7 55	20.9 53	22.9 51	24.0 50	28.3 48
1965 1965	1.10 34	1.17 27	1.36 22	1.75 21	5.02 25	12.4 38	16.5 42	20.0 44	25.7 43
1966 1966	1.90 42	1.97 40	2.30 33	3.39 36	5.58 31	12.9 42	14.6 37	17.9 37	18.6 23
1967 1967	.0000 6	.33 10	1.10 17	1.31 13	5.38 29	9.34 26	13.9 35	15.9 32	17.0 18
1968 1968	1.00 32	1.27 30	1.44 24	1.67 18	7.20 40	13.2 43	12.6 31	16.0 33	22.6 37
1969 1969	.60 16	.68 14	.80 10	1.15 10	1.50 7	5.14 12	5.67 7	7.07 5	12.3 5
1970 1970	.60 17	.65 12	.83 11	1.16 11	4.26 21	12.5 41	15.5 38	17.9 38	20.5 31
1971 1971	.60 18	.60 11	.60 8	.86 7	1.84 10	4.49 11	8.14 10	8.81 8	21.6 34
1972 1972	2.20 49	2.27 43	2.44 35	4.86 45	6.15 37	10.9 35	14.4 36	18.7 40	20.3 29
1973 1973	.0000 7	.0000 5	.0000 2	.0000 1	.41 1	1.97 4	3.72 4	9.48 10	17.7 20
1974 1974	1.20 36	1.30 31	1.56 26	1.92 24	4.71 23	6.16 16	8.71 11	9.93 12	18.9 25
1975 1975	1.30 37	1.40 33	1.53 25	1.66 17	5.85 34	8.47 22	9.82 19	13.3 24	18.6 24
1976 1976	2.80 55	3.20 53	3.29 42	3.75 38	5.39 30	9.34 27	11.5 26	10.6 17	20.3 30
1977 1977	2.20 50	2.27 44	2.50 37	2.71 29	3.01 15	3.98 8	8.74 12	16.3 34	27.1 44
1978 1978	.0000 8	.0000 6	.001 3	4.22 42	5.35 28	8.65 23	15.6 39	13.8 25	18.6 25
1979 1979	.81 23	.97 21	1.24 19	1.74 20	5.60 32	10.4 34	10.8 22	14.8 29	16.5 16
1980 1980	1.60 39	1.60 37	1.71 27	2.05 26	3.37 16	12.4 39	11.6 27	12.7 23	18.0 21
1981 1981	1.60 40	1.60 38	1.71 28	1.85 23	2.22 12	3.69 6	7.81 9	11.0 19	12.8 8
1982 1982	.83 25	.87 18	.95 13	1.29 12	1.62 9	4.33 10	11.0 24	9.42 9	14.2 10
1983 1983	.97 30	.99 22	1.32 21	3.62 37	4.67 22	7.45 19	8.75 13	10.3 16	14.7 12
1984 1984	.36 14	1.09 26	1.83 31	1.99 25	2.64 13	5.60 15	7.09 8	8.61 7	14.8 13
1985 1985	.82 24	.85 17	.91 12	.98 8	1.22 5	5.29 14	9.14 15	8.25 6	14.5 11

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Hueilo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1911 1911	101.21	98.76	96.93	95.82	94.01	91.51	87.72	85.33	83.02
1912 1912	95.030	90.328	89.120	88.712	85.911	78.313	76.311	72.711	69.911
1913 1913	95.031	91.722	91.39	90.76	87.17	84.57	84.56	80.05	74.27
1914 1914	95.032	93.016	91.310	90.47	90.24	88.74	85.94	82.64	80.23
1915 1915	93.039	90.033	89.418	88.314	86.68	83.49	82.78	77.77	75.25
1916 1916	93.040	92.020	91.48	91.25	90.93	90.12	89.91	89.81	83.51
1917 1917	94.034	91.723	90.312	88.315	84.714	83.78	75.513	72.012	63.813
1918 1918	93.041	91.324	90.113	89.810	89.15	89.13	87.73	86.52	80.14
1919 1919	91.050	88.043	87.130	86.920	86.49	82.010	76.910	77.08	74.66
1920 1920	94.035	89.734	88.722	87.718	86.110	71.221	59.223	54.325	54.216
1921 1921	91.051	90.329	88.723	88.117	85.312	85.16	83.37	79.06	72.59
1922 1922	116.1	95.312	89.716	86.821	81.719	80.611	76.212	73.810	71.610
1923 1923	88.064	86.054	85.735	85.125	83.417	79.512	77.09	74.19	73.78
1924 1924	99.024	96.310	93.16	90.38	85.113	78.014	71.515	63.216	49.723
1925 1925	96.027	94.714	94.35	93.44	91.92	88.65	85.05	71.013	53.117
1926 1926	74.071	57.371	44.071	35.471	24.271	17.571	14.771	13.071	10.871
1931 1931	104.14	99.05	95.04	89.99	78.424	76.215	66.818	55.922	45.630
1932 1932	104.15	94.715	89.319	82.328	74.029	63.330	55.929	57.919	52.020
1933 1933	90.053	80.067	68.765	60.460	48.863	45.559	42.752	40.446	33.052
1934 1934	104.16	101.3	99.02	94.33	88.76	74.118	68.817	65.515	51.921
1935 1935	94.036	92.718	91.111	86.024	66.643	55.640	54.932	45.338	44.831
1936 1936	93.042	91.325	89.915	87.519	82.518	68.923	65.620	57.520	58.414
1937 1937	102.20	98.38	91.77	88.911	84.615	76.016	71.216	67.914	64.012
1938 1938	97.026	95.711	88.626	86.522	77.725	67.124	64.621	61.818	52.618
1939 1939	90.054	88.044	87.428	78.336	69.739	60.235	57.425	54.724	52.119
1940 1940	90.055	89.036	89.121	86.523	73.233	54.842	45.149	36.656	34.449
1941 1941	90.056	89.037	85.337	78.934	66.145	54.043	52.835	50.129	48.826
1942 1942	94.037	90.330	89.617	88.513	78.922	73.819	66.019	55.423	46.229
1943 1943	91.052	88.741	82.346	73.445	70.937	54.044	44.550	37.952	35.847
1944 1944	87.067	80.068	68.766	50.967	42.966	31.965	31.965	32.660	29.960
1945 1945	90.057	87.050	85.636	79.432	73.731	56.338	46.845	37.554	39.040
1946 1946	90.058	89.038	88.724	84.926	80.220	75.017	56.227	46.435	40.537
1947 1947	84.069	81.766	70.663	62.757	53.661	47.757	46.148	39.949	37.641
1948 1948	85.068	85.058	82.944	82.427	78.723	63.429	54.134	47.433	42.932
1949 1949	79.070	76.069	74.358	60.063	56.056	48.455	36.861	28.166	24.668
1950 1950	88.065	74.070	68.964	61.159	55.458	43.262	41.254	37.653	37.044

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1951 1951	90.0 59	88.0 45	71.4 62	54.8 66	45.6 65	33.5 68	27.7 68	27.0 67	26.2 66
1952 1952	90.0 60	85.0 59	85.0 39	80.9 30	70.5 38	61.6 33	55.6 30	50.7 28	49.4 25
1953 1953	88.0 66	87.0 51	84.4 40	76.7 41	73.4 32	63.0 31	50.5 36	40.2 47	32.2 57
1954 1954	93.0 43	89.7 35	86.4 33	81.7 29	75.8 26	69.0 22	58.8 24	57.4 21	49.7 24
1955 1955	93.0 44	87.0 52	85.1 38	78.5 35	73.9 30	59.5 36	57.3 26	51.3 26	50.3 22
1956 1956	93.0 45	93.0 17	90.0 14	88.3 16	79.3 21	73.3 20	71.6 14	62.6 17	54.8 15
1957 1957	93.0 46	88.0 46	81.4 47	68.9 52	58.2 51	48.6 54	38.0 59	30.0 64	30.1 59
1958 1958	93.0 47	91.3 26	88.6 27	79.1 33	74.6 28	66.4 25	56.2 28	49.4 30	33.0 53
1959 1959	96.0 28	90.7 27	82.7 45	69.9 51	63.5 49	53.9 45	41.7 53	35.1 57	33.1 51
1960 1960	89.0 62	89.0 39	81.1 48	78.1 38	72.0 35	56.2 39	50.2 37	49.3 31	47.1 28
1961 1961	89.0 63	87.7 47	86.7 32	74.7 43	56.8 54	42.3 63	35.1 62	31.9 62	29.0 61
1962 1962	95.0 33	85.7 55	64.4 68	57.1 65	42.2 67	34.6 66	29.0 66	23.8 69	24.5 69
1963 1963	104 17	88.7 42	79.9 52	71.6 47	66.3 44	49.4 53	40.6 55	40.9 45	36.1 46
1964 1964	114 2	92.3 19	87.3 29	65.3 54	54.7 60	44.0 61	39.6 57	38.6 51	34.2 50
1965 1965	114 3	111 1	102 1	99.9 1	84.4 16	64.8 26	48.5 42	42.0 42	39.1 39
1966 1966	105 12	82.0 65	61.9 69	44.6 69	37.7 69	32.5 69	26.6 69	23.9 68	24.9 67
1967 1967	92.0 49	85.3 56	79.7 53	62.8 56	50.7 62	45.0 60	34.4 63	30.6 63	28.0 63
1968 1968	110 5	89.0 40	79.0 54	78.3 37	67.6 42	52.4 47	46.8 46	39.4 50	32.2 58
1969 1969	99.0 25	85.0 60	80.3 51	77.9 39	75.5 27	61.7 32	50.0 39	46.2 36	48.0 27
1970 1970	106 10	97.0 9	80.7 50	80.0 31	69.2 40	55.3 41	43.7 51	44.0 41	42.2 33
1971 1971	106 11	87.7 48	80.9 49	72.4 46	65.7 46	53.8 46	46.3 47	40.1 48	32.9 54
1972 1972	94.0 38	86.3 53	59.7 70	45.3 68	41.7 68	34.0 67	28.6 67	28.7 65	28.0 64
1973 1973	108 6	98.7 7	86.0 34	74.5 44	71.2 36	60.7 34	54.9 33	49.2 32	39.5 38
1974 1974	105 13	85.3 57	73.4 60	57.3 64	48.3 64	38.5 64	33.6 64	32.8 59	29.0 62
1975 1975	103 19	83.7 63	75.4 56	61.3 58	55.8 57	50.9 50	49.9 40	45.5 37	41.6 34
1976 1976	90.0 61	84.0 62	74.1 59	70.9 48	64.3 47	57.2 37	47.0 44	42.0 43	34.8 48
1977 1977	111 4	107 2	86.9 31	77.5 40	72.9 34	63.9 28	55.6 31	44.9 39	40.7 36
1978 1978	100 23	83.7 64	72.1 61	60.1 62	56.4 55	50.8 51	48.9 41	44.3 40	41.0 35
1979 1979	104 18	90.3 31	83.4 43	65.8 53	61.4 50	50.6 52	38.3 58	32.2 61	27.0 65
1980 1980	96.0 29	92.0 21	88.7 25	64.8 55	57.2 52	51.8 49	50.1 38	46.8 34	37.5 42
1981 1981	107 9	101 4	66.6 67	42.7 70	32.2 70	26.8 70	20.9 70	17.9 70	17.9 70
1982 1982	108 7	95.3 13	84.4 41	75.1 42	69.1 41	64.6 27	59.9 22	50.9 27	37.3 43
1983 1983	93.0 48	87.3 49	84.3 42	70.0 50	55.0 59	47.8 58	40.0 56	37.4 55	32.7 55
1984 1984	108 8	84.7 61	75.4 57	60.3 61	57.2 53	57.2 53	36.9 60	34.3 58	32.3 56
1985 1985	101 22	90.3 32	78.0 55	70.1 49	63.8 48	51.9 48	48.1 43	41.5 44	36.5 45

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1911 1911	79.8	1911 1911	79.8
1912 1912	64.9	1912 1912	64.9
1913 1913	67.9	1913 1913	67.9
1914 1914	72.7	1914 1914	72.7
1915 1915	72.1	1915 1915	72.1
1916 1916	70.2	1916 1916	70.2
1917 1917	59.4	1917 1917	59.4
1918 1918	66.7	1918 1918	66.7
1919 1919	69.3	1919 1919	69.3
1920 1920	47.7	1920 1920	47.7
1921 1921	69.1	1921 1921	69.1
1922 1922	61.7	1922 1922	61.7
1923 1923	68.2	1923 1923	68.2
1924 1924	38.8	1924 1924	38.8
1925 1925	32.3	1925 1925	32.3
1926 1926	8.88	1926 1926	8.88
1931 1931	28.2	1931 1931	28.2
1932 1932	45.5	1932 1932	45.5
1933 1933	21.2	1933 1933	21.2
1934 1934	32.1	1934 1934	32.1
1935 1935	35.9	1935 1935	35.9
1936 1936	40.5	1936 1936	40.5
1937 1937	55.2	1937 1937	55.2
1938 1938	43.4	1938 1938	43.4
1939 1939	44.9	1939 1939	44.9
1940 1940	31.3	1940 1940	31.3
1941 1941	39.2	1941 1941	39.2
1942 1942	41.4	1942 1942	41.4
1943 1943	27.4	1943 1943	27.4
1944 1944	20.6	1944 1944	20.6
1945 1945	29.3	1945 1945	29.3
1946 1946	29.3	1946 1946	29.3
1947 1947	29.5	1947 1947	29.5
1948 1948	34.9	1948 1948	34.9
1949 1949	22.5	1949 1949	22.5
1950 1950	29.0	1950 1950	29.0
1951 1951	22.2	1951 1951	22.2
1952 1952	38.9	1952 1952	38.9
1953 1953	24.4	1953 1953	24.4
1954 1954	35.7	1954 1954	35.7
1955 1955	33.7	1955 1955	33.7

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16592000
 Lowrie Ditch at Honopou Gulch near Huelo, Maui, HI
 PARAMETER CODE - 00660 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1956 1956	35.4 47	1956 1956	35.4 25
1957 1957	28.2 27	1957 1957	28.2 45
1958 1958	26.3 23	1958 1958	26.3 49
1959 1959	29.3 33	1959 1959	29.3 39
1960 1960	34.0 45	1960 1960	34.0 27
1961 1961	23.4 12	1961 1961	23.4 60
1962 1962	20.5 3	1962 1962	20.5 69
1963 1963	25.0 20	1963 1963	25.0 52
1964 1964	30.9 38	1964 1964	30.9 34
1965 1965	31.4 41	1965 1965	31.4 31
1966 1966	21.3 7	1966 1966	21.3 65
1967 1967	24.2 15	1967 1967	24.2 57
1968 1968	25.4 21	1968 1968	25.4 51
1969 1969	29.1 30	1969 1969	29.1 42
1970 1970	31.0 39	1970 1970	31.0 33
1971 1971	24.7 17	1971 1971	24.7 55
1972 1972	22.1 8	1972 1972	22.1 64
1973 1973	23.5 13	1973 1973	23.5 59
1974 1974	20.9 5	1974 1974	20.9 67
1975 1975	27.3 24	1975 1975	27.3 48
1976 1976	24.8 19	1976 1976	24.8 53
1977 1977	28.5 28	1977 1977	28.5 44
1978 1978	29.8 36	1978 1978	29.8 36
1979 1979	24.8 18	1979 1979	24.8 54
1980 1980	29.4 34	1980 1980	29.4 38
1981 1981	15.8 2	1981 1981	15.8 70
1982 1982	30.7 37	1982 1982	30.7 35
1983 1983	25.5 22	1983 1983	25.5 50
1984 1984	23.6 14	1984 1984	23.6 58
1985 1985	22.8 11	1985 1985	22.8 61

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

DURATION TABLE OF DAILY VALUES

CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35													
WATER YEAR																																																
1985 1985									9	33	42	21	23	7	29	33	27	19	14	12	6	8	2	3	6	9	5	11	11	26	9																	
									NUMBER OF DAYS IN CLASS																																							

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
1	0.00	33	25568	100.00	13	0.57	1019	22989	89.91	25	16.00	871	8757	34.25
2	0.02	8	25535	99.87	14	0.75	1209	21970	85.93	26	22.00	737	7886	30.84
3	0.03	7	25527	99.84	15	1.00	1364	20761	81.20	27	28.00	1044	7149	27.96
4	0.05	24	25520	99.81	16	1.30	1589	19397	75.86	28	38.00	1017	6105	23.88
5	0.06	22	25496	99.72	17	1.70	1957	17808	69.65	29	50.00	1216	5088	19.90
6	0.08	113	25474	99.63	18	2.30	1643	15851	62.00	30	66.00	1533	3872	15.14
7	0.11	138	25361	99.19	19	3.00	1295	14208	55.57	31	87.00	1467	2339	9.15
8	0.14	211	25223	98.65	20	4.00	1067	12913	50.50	32	115.00	777	872	3.41
9	0.19	194	25012	97.83	21	5.30	917	11846	46.33	33	152.00	86	95	0.37
10	0.25	506	24818	97.07	22	7.00	797	10929	42.74	34	201.00	9	9	0.04
11	0.33	532	24312	95.09	23	9.30	570	10132	39.63	35	0.00	0	0	0.00
12	0.43	791	23780	93.01	24	12.00	805	9562	37.40					

DURATION CURVE STATISTICAL CHARACTERISTICS FOR ...
STATION ID: 16594000 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
PARAMETER CODE = 00060
STATISTIC CODE - 00003 MEAN

DURATION DATA VALUES ARE INTERPOLATED FROM DURATION TABLE:
DATA ARE NOT ANALYTICALLY FITTED TO A PARTICULAR STATISTICAL DISTRIBUTION,
AND THE USER IS RESPONSIBLE FOR ASSESSMENT AND INTERPRETATION.

ADDITIONAL CONDITIONS FOR THIS RUN ARE:
STATISTICS ARE BASED ON LOGARITHMS (BASE 10).
NUMBER OF VALUES IS REDUCED FOR EACH NEAR-ZERO OR ZERO VALUE.

NUMBER OF VALUES = 19 (NUMBER OF NEAR-ZERO VALUES = 0)
LISTING OF DATA FOLLOWS:

PERCENT OF TIME VALUE EQALED OR EXCEEDED	DATA VALUE	(LOG =
95.0	0.33	-0.47598)
90.0	0.57	-0.24713)
85.0	0.80	-0.09743)
80.0	1.07	0.02834)
75.0	1.36	0.13214)
70.0	1.68	0.22465)
65.0	2.06	0.31481)
60.0	2.52	0.40095)
55.0	3.11	0.49310)
50.0	4.16	0.61880)
45.0	5.93	0.77313)
40.0	9.03	0.95546)
35.0	15.0	1.17745)
30.0	23.8	1.37576)
25.0	35.3	1.54717)
20.0	49.7	1.69634)
15.0	66.5	1.82285)
10.0	84.0	1.92436)
5.0	107.2	2.03037)

MEAN OF LOGS = 0.77343

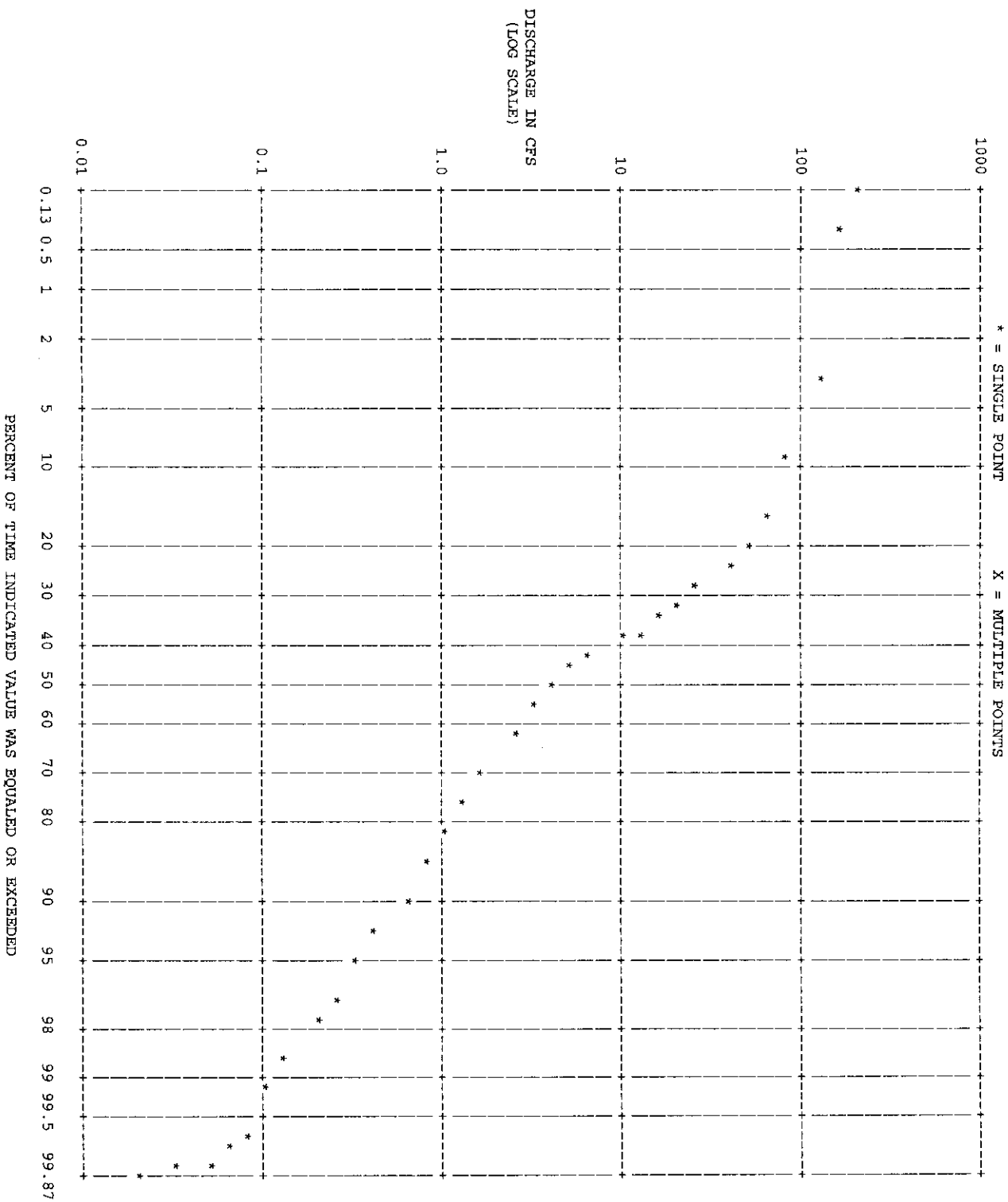
STANDARD DEVIATION OF LOGS = 0.78512 (VARIABILITY INDEX - SEE USGS WSP 1542-A)

COEFFICIENT OF VARIATION = 1.01512

COEFFICIENT OF SKEW = 0.19446

LOG-NORMAL DURATION PLOT FOR PERIOD OCT TO SEP
 STATION ID: 16594000
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

(YEARS 1910 - 1986)
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI



DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT 70 SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1911 1911	.0000 1	.067 8	.30 29	4.58 64	14.0 66	30.9 68	42.6 69	49.2 69	44.4 67
1914 1914	1.90 61	2.13 61	2.30 60	2.69 61	8.79 63	18.7 64	34.2 67	37.2 66	43.9 66
1916 1916	3.40 65	3.77 65	4.21 65	8.94 69	20.0 69	32.3 69	38.2 68	46.1 68	54.0 69
1917 1917	1.20 59	1.20 59	1.20 58	1.20 53	1.31 42	1.72 21	2.96 20	13.7 52	24.3 55
1918 1918	.93 57	.93 56	.97 55	1.10 48	1.11 40	10.5 59	16.4 58	20.8 58	38.4 61
1919 1919	2.20 63	2.27 63	2.33 61	2.52 60	3.01 54	9.18 56	22.3 62	25.7 61	34.3 59
1920 1920	.46 51	1.10 58	1.67 59	1.69 56	1.77 47	3.03 32	5.27 35	8.28 40	20.0 52
1921 1921	1.60 60	1.90 60	2.34 62	2.38 59	2.54 52	10.4 57	20.1 60	24.0 60	36.4 60
1922 1922	1.90 62	2.23 62	3.54 64	4.33 63	5.20 60	7.96 55	18.2 59	22.3 59	40.1 63
1923 1923	5.00 67	6.77 69	7.31 69	7.69 66	16.6 68	42.9 70	46.2 70	49.2 70	68.4 70
1924 1924	3.60 66	4.03 66	4.21 66	5.14 65	8.77 62	19.7 65	31.7 64	27.7 62	43.3 65
1925 1925	5.70 68	8.53 70	9.40 70	11.0 70	22.8 70	25.2 66	29.0 63	37.7 67	45.5 68
1926 1926	2.30 64	2.93 64	3.37 63	4.31 62	5.07 59	12.3 60	12.2 54	13.6 51	14.6 39
1927 1927	5.70 69	5.87 67	6.51 67	7.86 68	12.4 65	16.6 62	20.3 61	30.4 63	33.0 58
1928 1928	6.20 70	6.40 68	6.73 68	7.71 67	14.0 67	27.7 67	32.3 65	35.7 64	41.6 64
1931 1931	.0000 2	.0000 1	.044 4	2.17 58	5.03 58	10.4 58	16.0 56	18.5 56	21.5 54
1932 1932	.93 58	1.04 57	1.10 57	1.59 55	2.51 50	6.45 52	16.3 57	14.8 54	25.3 56
1933 1933	.31 40	.31 34	.33 34	.34 27	.43 19	1.05 9	1.62 6	2.86 12	3.71 1
1934 1934	.0000 3	.0000 2	.0000 1	.31 25	.31 8	3.26 33	3.78 26	3.84 18	6.80 16
1935 1935	.43 47	.46 47	.59 45	1.19 52	3.32 56	5.98 50	7.48 46	9.02 42	18.8 50
1936 1936	.28 36	.33 41	.37 38	.38 32	.87 32	3.57 37	3.56 24	6.34 33	12.9 35
1937 1937	.74 55	.76 52	.81 51	1.15 51	9.04 64	18.4 63	34.0 66	36.9 65	39.0 62
1938 1938	.43 48	.77 54	.87 53	1.72 57	4.98 57	7.39 54	10.5 51	16.7 55	32.9 57
1939 1939	.17 30	.49 48	.90 54	1.13 50	8.00 61	12.9 61	15.1 55	18.6 57	20.1 53
1940 1940	.22 34	.53 49	.63 48	.89 47	1.66 45	3.89 42	5.19 34	6.38 34	7.77 23
1941 1941	.43 49	.43 45	.52 44	.61 40	2.40 49	3.59 38	6.41 42	7.52 39	14.2 38
1942 1942	.57 53	.68 51	.83 52	1.32 54	1.66 46	3.26 34	9.07 49	11.3 46	19.8 51
1943 1943	.74 56	.79 55	.98 56	1.12 49	3.23 55	5.82 49	6.96 45	7.32 37	12.9 36
1944 1944	.53 52	.56 50	.62 47	.65 41	.81 27	3.96 43	5.95 38	6.98 36	7.87 25
1945 1945	.19 31	.22 29	.23 26	.29 21	.60 24	1.44 17	2.14 13	4.42 21	9.37 27
1946 1946	.34 44	.37 42	.38 39	.39 33	.86 31	2.03 23	6.19 41	8.75 41	16.6 46
1947 1947	.31 41	.32 39	.33 35	.34 28	.42 17	5.36 48	10.6 52	11.9 49	15.1 42
1948 1948	.11 21	.11 19	.11 14	.13 8	1.87 48	6.09 51	10.2 50	11.4 47	18.7 49
1949 1949	.31 42	.31 35	.31 31	.35 29	.45 20	1.52 18	1.97 11	4.20 20	6.54 12
1950 1950	.090 18	.090 15	.10 11	.18 13	.34 11	3.68 40	6.50 43	9.31 43	12.6 33

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1951 1951	.050	.050	.057	.069	.50	.66	2.13	2.74	5.17
1952 1952	.050	.080	.096	.15	2.72	7.19	11.6	14.3	16.7
1953 1953	.0000	.007	.020	.050	.17	1.06	2.71	2.54	4.46
1954 1954	.0000	.0000	.0000	.0000	.34	2.03	3.66	4.81	8.29
1955 1955	.12	.12	.12	.13	.82	2.61	5.17	6.15	10.5
1956 1956	.090	.10	.11	.12	.26	1.87	1.56	2.28	6.66
1957 1957	.14	.14	.14	.15	.17	.38	5.08	6.24	7.83
1958 1958	.050	.063	.077	.094	.85	4.06	6.04	11.4	14.9
1959 1959	.080	.087	.11	.24	1.34	3.86	6.73	6.38	14.7
1960 1960	.080	.080	.083	.67	.90	4.64	5.65	7.33	13.8
1961 1961	.31	.32	.35	.39	.50	2.84	2.67	5.09	7.00
1962 1962	.28	.31	.37	.80	.88	2.16	3.42	4.18	5.06
1963 1963	.060	.073	.091	.095	.10	1.28	3.50	3.71	4.83
1964 1964	.40	.42	.44	.46	1.10	4.48	4.92	5.86	11.3
1965 1965	.060	.097	.14	.19	.40	3.52	4.41	6.23	11.3
1966 1966	.15	.16	.19	.29	.39	2.96	3.97	5.16	7.38
1967 1967	.65	.76	.79	.87	1.06	4.98	7.97	12.0	16.2
1968 1968	.050	.31	.69	.71	.90	2.54	3.50	3.54	17.5
1969 1969	.11	.12	.14	.16	.22	2.88	2.23	3.11	5.22
1970 1970	.030	.043	.081	.11	.23	.51	1.85	3.42	5.26
1971 1971	.14	.16	.21	.24	.41	1.43	1.78	1.94	9.69
1972 1972	.43	.44	.44	.59	1.18	1.63	4.60	6.06	7.22
1973 1973	.11	.23	.61	.78	.81	.90	1.25	1.35	5.66
1974 1974	.090	.10	.12	.26	1.03	1.30	2.77	2.72	7.30
1975 1975	.28	.29	.31	.33	.58	1.34	1.72	3.41	4.70
1976 1976	.15	.18	.20	.25	.36	1.54	2.17	2.08	7.00
1977 1977	.020	.073	.18	.23	.27	.36	1.02	5.01	12.8
1978 1978	.40	.40	.41	.45	.69	1.03	5.51	5.20	7.31
1979 1979	.11	.12	.19	.30	.69	3.66	6.12	6.13	6.69
1980 1980	.22	.29	.39	.41	1.36	2.42	4.94	10.4	16.2
1981 1981	.19	.28	.31	.37	.40	.49	.93	2.64	3.82
1982 1982	.060	.067	.13	.21	2.53	3.37	8.73	10.6	15.3
1983 1983	.080	.12	.26	.51	.90	1.11	1.21	2.39	3.82
1984 1984	.29	.31	.33	.36	.42	1.34	1.86	1.85	6.59
1985 1985	.21	.21	.25	.29	.33	.65	2.61	2.64	11.6

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT TO SEP

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1911 1911	91.0 70	88.0 60	87.1 40	85.8 28	78.2 21	74.8 13	73.9 10	65.2 10	61.1 11
1914 1914	101 61	96.3 49	92.1 33	90.0 25	85.1 18	84.3 9	82.1 7	82.3 5	77.7 5
1916 1916	136 19	127 21	121 17	114 13	111 6	107 4	103 3	101 2	86.3 3
1917 1917	131 21	128 19	113 20	102 17	93.2 13	82.4 11	69.3 13	55.5 15	37.1 19
1918 1918	151 12	146 8	144 6	134 2	128 1	118 1	102 4	93.2 4	80.8 4
1919 1919	137 17	134 17	129 15	111 14	92.1 14	65.2 19	56.3 18	57.0 14	51.3 14
1920 1920	137 18	137 15	136 13	132 4	104 11	57.6 24	39.7 28	35.5 28	31.2 27
1921 1921	139 14	139 13	137 10	130 5	113 4	105 5	94.8 5	81.2 7	73.0 7
1922 1922	158 8	139 12	138 9	129 7	116 3	108 3	108 1	105 1	93.6 1
1923 1923	139 15	139 14	137 11	132 3	126 2	112 2	107 2	100 3	86.7 2
1924 1924	158 9	145 9	132 14	126 10	112 5	96.4 6	80.7 8	66.4 9	63.5 10
1925 1925	156 10	155 6	153 5	120 12	110 7	87.8 7	76.1 9	70.4 8	73.4 6
1926 1926	139 16	118 23	97.6 29	87.1 27	61.8 32	46.1 30	36.4 34	32.0 36	26.8 36
1927 1927	155 11	144 11	136 12	128 8	107 8	82.8 10	70.0 12	62.9 11	63.8 9
1928 1928	179 4	152 7	126 16	101 18	83.6 19	79.3 12	71.5 11	59.6 12	54.7 12
1931 1931	127 23	118 24	104 23	70.9 39	61.1 33	48.5 28	42.2 25	33.8 32	31.4 26
1932 1932	136 20	136 16	103 27	69.5 43	60.2 35	46.6 29	38.7 31	41.8 22	33.3 23
1933 1933	121 28	84.0 66	53.1 67	39.0 64	30.9 64	23.2 64	20.6 61	19.1 60	14.7 64
1934 1934	179 5	179 3	167 2	127 9	101 12	67.3 16	58.8 16	51.2 16	37.6 17
1935 1935	209 1	209 1	162 3	104 16	66.0 28	55.8 25	46.3 24	44.7 19	42.2 16
1936 1936	170 6	170 4	155 4	129 6	107 9	69.1 15	61.4 15	50.9 17	47.4 15
1937 1937	201 3	190 2	172 1	136 1	106 10	87.2 8	88.1 6	81.9 6	69.1 8
1938 1938	209 2	156 5	144 7	125 11	88.4 17	67.1 17	67.0 14	58.7 13	52.0 13
1939 1939	167 7	144 10	138 8	91.2 24	67.5 26	45.4 32	39.7 29	36.2 26	32.9 24
1940 1940	142 13	130 18	118 18	96.7 23	65.1 29	38.3 42	29.0 48	22.6 52	19.5 53
1941 1941	127 24	119 22	90.4 35	66.2 49	49.8 49	37.5 44	34.3 36	33.6 33	31.2 28
1942 1942	130 22	128 20	118 19	108 15	90.6 15	72.3 14	58.1 17	46.3 18	34.8 21
1943 1943	118 29	107 29	83.1 47	71.0 38	54.9 43	49.5 27	41.6 26	35.8 27	30.9 29
1944 1944	122 25	93.3 54	61.8 62	35.1 68	27.3 65	22.8 65	17.7 65	18.2 63	14.1 67
1945 1945	122 26	110 25	101 28	77.3 34	58.1 38	37.1 46	27.7 50	21.2 57	23.6 43
1946 1946	114 30	110 26	104 22	85.8 29	71.5 23	58.0 23	41.1 27	33.3 34	26.4 37
1947 1947	110 38	97.3 44	58.9 64	45.1 60	32.9 62	27.0 59	25.3 56	21.3 56	21.1 49
1948 1948	114 31	108 27	103 26	100 20	89.6 16	59.6 21	47.1 23	37.6 24	29.8 32
1949 1949	110 39	100 38	77.1 52	43.5 62	32.3 63	28.1 58	20.5 62	15.5 67	15.1 62
1950 1950	107 47	105 32	103 24	101 19	82.7 20	66.7 18	51.6 19	40.8 23	30.8 30

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS
 FOR PERIOD OCT 70 SEP

WATER YEAR	1	3	7	15	30	60	90	120	183
1951 1951	108 42	95.7 53	57.1 66	38.6 66	24.5 68	15.5 68	11.4 69	10.5 69	9.97 69
1952 1952	104 50	104 33	86.3 42	67.0 47	40.1 55	28.3 56	27.3 52	26.4 43	22.4 46
1953 1953	108 43	97.7 43	79.9 50	66.5 48	59.4 36	38.2 43	27.7 51	21.0 58	15.3 61
1954 1954	113 33	98.7 42	86.6 41	70.5 40	52.1 47	42.3 36	34.9 35	34.4 30	27.7 34
1955 1955	122 27	103 37	88.0 37	62.9 51	47.6 50	33.6 53	29.1 46	27.2 41	25.6 38
1956 1956	108 44	97.0 46	88.0 38	83.3 30	57.8 39	53.7 26	50.0 20	42.4 21	34.9 20
1957 1957	113 34	104 34	103 25	99.7 22	63.1 31	35.9 48	25.5 55	21.7 54	17.9 55
1958 1958	104 51	104 35	93.0 32	69.0 44	60.5 34	42.6 35	32.6 38	32.9 35	30.3 31
1959 1959	108 45	104 36	80.1 48	61.1 52	43.7 53	36.6 47	29.5 45	25.6 45	23.7 41
1960 1960	103 53	88.0 61	74.7 55	69.8 41	54.9 44	39.7 39	31.8 40	27.0 42	22.9 44
1961 1961	92.0 69	86.3 63	80.0 49	60.7 53	38.9 57	25.9 61	19.1 64	19.6 59	15.9 60
1962 1962	101 62	99.0 40	67.1 60	55.0 55	41.5 54	32.1 55	23.4 59	18.3 62	17.7 56
1963 1963	101 63	96.7 47	83.9 45	68.3 46	57.3 41	44.8 33	38.1 32	34.3 31	25.3 39
1964 1964	102 57	80.0 67	60.0 63	47.2 57	34.5 61	28.2 57	27.2 53	25.0 46	22.1 48
1965 1965	107 48	106 30	106 21	99.9 21	68.1 25	42.3 37	29.8 43	24.1 50	20.2 52
1966 1966	102 58	86.7 62	77.0 53	68.4 45	44.5 52	33.4 54	30.9 42	29.1 39	22.4 47
1967 1967	100 65	96.0 51	95.1 31	79.0 32	57.7 40	35.0 50	29.6 44	27.8 40	22.7 45
1968 1968	101 64	99.7 39	97.3 30	89.1 26	72.9 22	62.6 20	47.2 22	36.7 25	32.4 25
1969 1969	102 59	97.3 45	84.7 44	79.9 31	66.8 27	46.1 31	33.1 37	29.9 38	27.7 35
1970 1970	103 54	89.0 59	71.0 58	69.8 42	55.4 42	35.5 49	25.3 57	24.5 48	20.4 51
1971 1971	114 32	108 28	88.7 36	64.4 50	53.2 45	37.5 45	29.1 47	23.3 51	23.7 42
1972 1972	102 60	84.3 65	42.9 70	33.0 69	21.3 69	12.0 69	13.7 68	11.1 68	10.6 68
1973 1973	111 37	105 31	83.9 46	72.2 36	52.2 46	38.7 41	31.6 41	26.0 44	28.2 33
1974 1974	113 35	96.0 52	71.3 57	38.8 65	26.8 66	17.2 67	15.9 67	15.9 66	14.7 65
1975 1975	99.0 66	71.7 70	48.0 68	35.5 67	25.7 67	22.1 66	21.6 60	19.0 61	16.4 59
1976 1976	104 52	77.0 69	57.6 65	45.8 59	40.1 56	34.0 52	28.7 49	24.8 47	18.3 54
1977 1977	109 41	92.7 55	78.1 51	53.3 56	51.2 48	41.8 38	32.0 39	24.4 49	21.1 50
1978 1978	108 46	78.7 68	68.1 59	42.6 63	35.2 60	26.6 60	23.5 58	21.6 55	17.6 57
1979 1979	112 36	92.7 56	66.7 61	47.0 58	45.7 51	34.5 51	26.7 54	22.2 53	16.5 58
1980 1980	103 55	99.0 41	85.3 43	78.4 33	71.5 24	58.8 22	49.4 21	43.0 20	37.3 18
1981 1981	105 49	90.0 58	43.9 69	21.6 70	12.6 70	8.77 70	8.09 70	6.57 70	5.93 70
1982 1982	110 40	96.3 50	87.4 39	73.4 35	64.9 30	43.4 34	37.5 33	35.4 29	33.8 22
1983 1983	99.0 67	86.7 48	91.6 34	60.1 54	37.1 59	25.6 62	19.5 63	16.3 65	14.2 66
1984 1984	98.0 68	84.7 64	75.0 54	44.9 61	37.4 58	24.2 62	17.3 66	16.7 64	14.9 63
1985 1985	103 56	92.3 57	72.4 56	71.6 37	58.2 37	38.8 40	38.9 30	30.4 37	24.4 40

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)			MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)		
WATER YEAR RANGE			WATER YEAR RANGE		
1911 1911	55.0	65	1911 1911	55.0	6
1914 1914	60.9	67	1914 1914	60.9	4
1916 1916	75.9	70	1916 1916	75.9	1
1917 1917	31.2	56	1917 1917	31.2	15
1918 1918	53.9	64	1918 1918	53.9	7
1919 1919	40.3	58	1919 1919	40.3	13
1920 1920	21.3	45	1920 1920	21.3	26
1921 1921	49.3	62	1921 1921	49.3	9
1922 1922	62.8	68	1922 1922	62.8	3
1923 1923	72.9	69	1923 1923	72.9	2
1924 1924	51.0	63	1924 1924	51.0	8
1925 1925	57.4	66	1925 1925	57.4	5
1926 1926	23.4	47	1926 1926	23.4	24
1927 1927	48.2	60	1927 1927	48.2	11
1928 1928	46.9	59	1928 1928	46.9	12
1931 1931	27.9	54	1931 1931	27.9	17
1932 1932	25.8	51	1932 1932	25.8	20
1933 1933	8.45	4	1933 1933	8.45	67
1934 1934	21.6	46	1934 1934	21.6	25
1935 1935	26.4	52	1935 1935	26.4	19
1936 1936	28.5	55	1936 1936	28.5	16
1937 1937	49.1	61	1937 1937	49.1	10
1938 1938	35.0	57	1938 1938	35.0	14
1939 1939	23.5	48	1939 1939	23.5	23
1940 1940	15.9	28	1940 1940	15.9	43
1941 1941	21.2	44	1941 1941	21.2	27
1942 1942	27.2	53	1942 1942	27.2	18
1943 1943	19.7	41	1943 1943	19.7	30
1944 1944	10.4	10	1944 1944	10.4	61
1945 1945	15.8	27	1945 1945	15.8	44
1946 1946	16.6	32	1946 1946	16.6	39
1947 1947	15.5	26	1947 1947	15.5	45
1948 1948	20.5	43	1948 1948	20.5	28
1949 1949	10.0	8	1949 1949	10.0	63
1950 1950	19.6	40	1950 1950	19.6	31
1951 1951	7.39	2	1951 1951	7.39	69
1952 1952	17.2	37	1952 1952	17.2	34
1953 1953	9.89	7	1953 1953	9.89	64
1954 1954	16.9	36	1954 1954	16.9	35
1955 1955	16.2	30	1955 1955	16.2	41
1956 1956	18.9	38	1956 1956	18.9	33

DVSTAT - DAILY VALUES STATISTICAL PROGRAM

STATION ID - 16594000
 Haiku Ditch at Honopou Gulch near Kailua, Maui, HI
 PARAMETER CODE - 00060 DISCHARGE
 STATISTIC CODE - 00003 MEAN

ANNUAL AND/OR SEMI-ANNUAL VALUES

MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN LOW-VALUE ANALYSIS (OCT-SEP)		MEAN VALUE AND RANKING FOR PERIOD INCLUDED IN HIGH-VALUE ANALYSIS (OCT-SEP)	
WATER YEAR RANGE		WATER YEAR RANGE	
1957 1957	13.0 18	1957 1957	13.0 53
1958 1958	20.4 42	1958 1958	20.4 29
1959 1959	16.7 34	1959 1959	16.7 37
1960 1960	14.9 24	1960 1960	14.9 47
1961 1961	10.6 11	1961 1961	10.6 60
1962 1962	11.1 14	1962 1962	11.1 57
1963 1963	14.5 23	1963 1963	14.5 48
1964 1964	16.2 31	1964 1964	16.2 40
1965 1965	15.3 25	1965 1965	15.3 46
1966 1966	14.2 21	1966 1966	14.2 50
1967 1967	16.7 33	1967 1967	16.7 38
1968 1968	19.1 39	1968 1968	19.1 32
1969 1969	15.9 29	1969 1969	15.9 42
1970 1970	12.6 17	1970 1970	12.6 54
1971 1971	14.5 22	1971 1971	14.5 49
1972 1972	7.72 3	1972 1972	7.72 68
1973 1973	16.8 35	1973 1973	16.8 36
1974 1974	9.28 5	1974 1974	9.28 66
1975 1975	9.74 6	1975 1975	9.74 65
1976 1976	11.1 13	1976 1976	11.1 58
1977 1977	13.1 19	1977 1977	13.1 52
1978 1978	12.2 15	1978 1978	12.2 56
1979 1979	12.5 16	1979 1979	12.5 55
1980 1980	23.6 49	1980 1980	23.6 22
1981 1981	5.13 1	1981 1981	5.13 70
1982 1982	24.3 9	1982 1982	24.3 21
1983 1983	10.1 12	1983 1983	10.1 62
1984 1984	10.7 12	1984 1984	10.7 59
1985 1985	13.4 20	1985 1985	13.4 51