

SUSITNA HYDROELECTRIC PROJECT

**FLOW DURATION CURVES
FOR
NATURAL AND WITH-PROJECT CONDITIONS**

Report by

Harza-Ebasco Susitna Joint Venture

Prepared for

Alaska Power Authority

**UNIVERSITY OF ALASKA
ARCTIC ENVIRONMENTAL INFORMATION
AND DATA CENTER
707 A STREET
ANCHORAGE, AK 99501**

Draft Report

June 1984

SUSITNA HYDROELECTRIC PROJECT
FLOW DURATION CURVES
FOR
NATURAL AND WITH-PROJECT CONDITIONS

Report by
Harza-Ebasco Susitna Joint Venture

Prepared for
Alaska Power Authority

Draft Report
June 1984

TABLE OF CONTENTS

<u>SECTION/TITLE</u>	<u>Page</u>
LIST OF TABLES	ii
LIST OF EXHIBITS	iii
1.0 SUMMARY	1-1
2.0 STREAMFLOW GENERATION	2-1
3.0 WEEKLY FLOW WITH-PROJECT CONDITIONS	3-1
4.0 FLOW DURATION CURVES	4-1
REFERENCES	
TABLES	
EXHIBITS	

LIST OF TABLES

No	Title
1	Observed Weekly Flows for Susitna River at Gold Creek
2	Observed Weekly Flows for Chulitna River near Talkeetna
3	Observed Weekly Flows for Talkeetna River near Talkeetna
4	Observed Weekly Flows for Skwentna River near Skwentna
5	Observed Weekly Flows for Susitna River at Susitna Station
6	Observed Weekly Flows for Susitna River at Sunshine
7	Filled Weekly Flows for Chulitna River near Talkeetna
8	Filled Weekly Flows for Talkeetna River near Talkeetna
9	Filled Weekly Flows for Skwentna River near Skwentna
10	Filled Weekly Flows for Susitna River at Susitna Station
11	Computed Weekly Flows for Susitna River at Sunshine
12	Computed Weekly Flows for Susitna River at Watana Damsite
13	Computed Weekly Flows for Susitna River at Devil Canyon Damsite
14	Flow Duration Data at Gold Creek for Natural Conditions
15	Flow Duration Data at Sunshine for Natural Conditions
16	Flow Duration Data at Susitna Station for Natural Conditions
17	Flow Duration Data at Gold Creek for 1996 Load Conditions
18	Flow Duration Data at Sunshine for 1996 Load Conditions
19	Flow Duration Data at Susitna Station for 1996 Load Conditions
20	Flow Duration Data at Gold Creek for 2020 Load Conditions
21	Flow Duration Data at Sunshine for 2020 Load Conditions
22	Flow Duration Data at Susitna Station for 2020 Load Conditions

LIST OF EXHIBITS

No	Title
1	Location Map
2	Available Mean Daily Streamflow Data
3	Flow Duration Curves Based on Weekly Discharge at Gold Creek for Natural Conditions and with-project for 1996 Load Conditions
4	Flow Duration Curves Based on Weekly Discharge at Sunshine for Natural Conditions and with-project for 1996 Load Conditions
5	Flow Duration Curves Based on Weekly Discharge at Susitna Station for Natural Conditions and with-project for 1996 Load Conditions
6	Flow Duration Curves Based on Weekly Discharge at Gold Creek for Natural Conditions and with-project for 2020 Load Conditions
7	Flow Duration Curves Based on Weekly Discharge at Sunshine for Natural Conditions and with-project for 2020 Load Conditions
8	Flow Duration Curves Based on Weekly Discharge at Susitna Station for Natural Conditions and with-project for 2020 Load Conditions

1.0 SUMMARY

Flow duration curves were derived for natural and with-project conditions for the Susitna River at Gold Creek, Sunshine and Susitna Stations. Each water year (October 1 through September 30) was divided into 7-day periods for the computations. The with-project conditions were those for Watana Operation with Scenarios C(1)^{1/} and energy demands of 1996 and 2020. Exhibits 3 through 5 show the 7-day flow duration curves for natural and with-project conditions using the 1996 energy demand. The corresponding curves for the 2020 demand are shown on Exhibits 6 through 8. The flow duration data also are given in Tables 14 through 19.

The results indicate that with-project flows are generally higher than the natural flows for the period of October through April, lower for the period of May through August, and about equal for the period of September.

The flow duration curves indicate a decrease in the difference between the natural and with-project flows as the distance increases downstream from Gold Creek. This is because of the flows from the tributaries joining the Susitna River downstream from Gold Creek. The flows from the Chulitna River, Talkeetna River, and Yenta River have the most significant effect.

The results of this study are likely to be changed in the future if the project operation is changed or the predicted energy demands, are modified.

^{1/} Indicates reference at the end of text.

2.0 STREAMFLOW GENERATION

Streamflow data are available at six gaging stations (Exhibit 1) on the Susitna River and its tributaries. The longest period of record is available for the station at Gold Creek (1949-1983). At the other stations, the period of record varies from 2.5 to 19 years. A computer program FILLIN developed by the Texas Water Developments Board (2) was used to extend the weekly data or estimate the missing weekly flows for a common period of 34 years for all stations. The periods for which observed data were available and the periods for which the data were estimated are shown on Exhibit 2.

The FILLIN computer program is based on a multi-site regression technique which analyses observed monthly streamflow series and fill in missing portions of incomplete records. It evaluates the statistical parameters (means, standard deviation, lag-one auto-correlation coefficients and multi-site spatial correlation coefficients) and generates filled-in data in which the statistical parameters are preserved. The program was modified to for application on weekly flows.

The observed daily flows at the six gaging stations were used to compute weekly mean flows starting at the beginning of each water year (October 1). Flow on February 29 of leap years was disregarded because of the generally small amount of flow during winter. The flow on September 30 of each year was added to the flow of week 52 for that year. The resulting weekly flow data are given in Tables 1 through 6. All of the missing data within the period 1950 through 1983, are filled with -1.0 for computational conveniences.

The observed weekly flows except those for the Susitna River at Sunshine were used to generate missing weekly flows for the Chulitna and Talkeetna rivers near Talkeetna, Skwentna River near Skwentna and Susitna River at Susitna Station by the program FILLIN. The filled-in as well as the observed data are given in Tables 7 to 10.

The period of record at the Sunshine Station is only 2.5 years. These data were not used in the analysis to avoid undue bias in the statistical parameters computed by the program FILLIN.

The weekly flows at Sunshine were, therefore, estimated based on drainage area ratio of 1.034 times the sum of weekly flows at Gold Creek, Chulitna River near Talkeetna, and Talkeetna River near Talkeetna. The travel time between Gold Creek and Sunshine is less than one day and should not affect the validity of the computations. Table 11 shows the resulting weekly data for Sunshine.

The weekly flows at the Watana and Devil Canyon damsites were computed by adjusting the weekly flows at Gold Creek with the ratio, between the drainage areas upstream from the sites and that upstream from Gold Creek. The resulting weekly flow are shown in Tables 12 and 13.

3.0 WEEKLY FLOW WITH-PROJECT CONDITIONS

The weekly reservoir releases under with-project conditions, for scenario C and the energy demand, for 1996 (Watana Reservoir only) and 2020 (Watana and Devil Canyon), were obtained from the Reservoir Operation Studies (3).

The weekly flows at the Gold Creek, Sunshine and Susitna Stations under with-project conditions were computed as follows:

- a. For the energy demand of 1996:

$$QW_I = QN_I + OW_W - ON_W, \text{ and}$$

- b. For the energy demand of 2020:

$$QW_I = QN_I + OW_D - ON_D$$

where: QW_I = With-project weekly flows at Gold Creek, Sunshine or
Susitna Station

QN_I = Natural weekly flows at Gold Creek, Sunshine or Susitna
Station

QW_W = With-project weekly outflows at Watana damsite

QN_W = Natural weekly flows at Watana damsite

QW_D = With-project weekly outflows at Devil Canyon damsite

QN_D = Natural weekly flows at Devil Canyon damsite

4.0 FLOW DURATION CURVES

An in-house computer program FLOWDUR (4) was used for the computations of flow duration curves at the Gold Creek, Sunshine, and Susitna Stations. Flow duration curves based on the weekly mean flows for natural conditions and 1996 energy demand conditions are shown on Exhibit 3 to 5. Flow duration curves for natural conditions and 2020 energy demand conditions are shown on Exhibits 6 to 8. The flow duration data also are tabulated in tables 14 to 22.

REFERENCES

<u>No</u>	<u>Title</u>
1	Harza-Ebasco Susitna Joint Venture, "Susitna Project Operation, Preliminary Analysis", March 1984.
2	Texas Water Development Board, "A Completion Report on Stochastic Optimization and Simulation Techniques for Management of Regional Water Resource System - Volume IIB - FILLIN-1 Program Description," 1970.
3	Harza-Ebasco Susitna Joint Venture, "Reservoir Operation Studies for Case C Instream Flow Requirements" June 1984.
4	Harza Engineering Company, "Flour Duration Computation Program, FLOWDUR".

TABLE 1

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT GOLD CREEK

1950	12856.	5740.	4200.	3800.	3343.	2986.	2514.	2471.	1700.	1700.
	1586.	1314.	1129.	1014.	979.	986.	1100.	1100.	971.	686.
	629.	710.	711.	666.	720.	801.	774.	783.	849.	1009.
	2314.	8007.	13671.	14200.	17914.	17100.	16571.	26171.	19343.	19957.
	21229.	23214.	25243.	25100.	23129.	21157.	17443.	13171.	9263.	10500.
	7100.	7186.								
1951	5257.	4686.	4091.	2334.	1471.	1386.	1300.	1229.	1171.	1100.
	1100.	1100.	1100.	980.	960.	960.	960.	900.	820.	820.
	820.	786.	740.	740.	740.	740.	774.	997.	1529.	2657.
	6157.	17329.	19271.	9567.	16671.	29543.	21300.	13543.	19071.	20729.
	24343.	23286.	21414.	21429.	17614.	18714.	18314.	25600.	30057.	18671.
	19286.	18657.								
1952	9229.	6171.	4486.	3486.	3500.	3204.	2369.	2343.	2186.	1900.
	1900.	1900.	1900.	1643.	1600.	1600.	1600.	1343.	1000.	1000.
	1000.	949.	880.	880.	880.	880.	920.	920.	920.	920.
	1191.	1514.	2071.	4486.	21929.	24814.	35143.	38114.	33729.	27629.
	19629.	25086.	27186.	37243.	25071.	19686.	14943.	17329.	18886.	12771.
	11029.	15086.								
1953	11143.	10390.	7233.	5271.	5000.	4257.	2729.	3343.	2429.	1700.
	1700.	1700.	1700.	1186.	1100.	1100.	1100.	980.	820.	820.
	820.	820.	820.	820.	820.	820.	930.	930.	1504.	2500.
	14129.	16814.	15300.	26386.	20743.	35114.	27114.	22071.	25829.	20229.
	18271.	19871.	20657.	25643.	21857.	17514.	18029.	21500.	18786.	17114.
	14271.	12426.								
1954	8119.	6733.	4940.	3937.	2401.	2271.	2100.	1957.	1786.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	906.	780.	780.	780.	780.	870.	870.	1496.	1600.
	6743.	12286.	19900.	22814.	21571.	25457.	24457.	23457.	28514.	24486.
	19529.	19000.	19000.	31143.	24000.	24000.	24000.	23000.	16286.	14000.
	13057.	9581.								
1955	6500.	6109.	4600.	4600.	3686.	3000.	2829.	2500.	2414.	2200.
	2157.	1900.	1900.	1986.	2000.	1714.	1600.	1514.	1400.	1400.
	1400.	1271.	1100.	1100.	1100.	1100.	1200.	1200.	1200.	1200.
	3557.	4500.	5257.	15743.	17429.	20329.	33143.	35957.	33671.	34186.
	28557.	22043.	26357.	22614.	20900.	21443.	26071.	37243.	19671.	15029.
	12214.	10993.								
1956	7236.	5327.	4339.	3737.	2486.	2100.	1929.	1700.	1586.	1300.
	1300.	1300.	1300.	1026.	980.	980.	980.	976.	970.	970.
	970.	957.	940.	940.	940.	940.	950.	950.	950.	950.
	2514.	11400.	16271.	32371.	21686.	33457.	43543.	31971.	28186.	29057.
	31686.	32000.	31229.	31429.	28771.	26000.	20729.	17714.	16000.	22429.
	21857.	16000.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 1 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT GOLD CREEK

1957	7200.	7200.	4886.	4500.	3757.	3200.	3071.	2900.	2757.	2400.
	2329.	1900.	1900.	1729.	1700.	1700.	1700.	1614.	1500.	1500.
	1500.	1371.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.
	3414.	5757.	9400.	21057.	30914.	37443.	33086.	29357.	20100.	23214.
	21329.	23914.	25943.	20957.	20943.	20829.	19100.	21143.	18914.	20643.
	20071.	22029.								
1958	10333.	8864.	7230.	7454.	5429.	4521.	3870.	3181.	3586.	4314.
	3680.	2744.	2229.	2429.	2129.	1857.	1757.	1457.	1443.	1300.
	1200.	1200.	1200.	1171.	1100.	1100.	1200.	1343.	1457.	1766.
	3990.	7883.	11014.	20971.	22057.	28000.	28000.	24143.	22000.	22000.
	22000.	22000.	21571.	38686.	27529.	20443.	16571.	11557.	8500.	8500.
	6600.	7543.								
1959	5991.	5271.	5043.	3500.	2986.	2600.	2214.	1700.	1529.	1100.
	1214.	1900.	1900.	1557.	1500.	1429.	1400.	1400.	1400.	1343.
	1200.	1106.	980.	980.	980.	980.	1000.	1000.	1429.	1500.
	2857.	4543.	19400.	27486.	22329.	26029.	19443.	23171.	25929.	26400.
	25343.	27457.	21686.	23886.	18629.	23914.	44171.	43171.	28700.	14829.
	11137.	12007.								
1960	10714.	7400.	4071.	5086.	3486.	3000.	2871.	2700.	2557.	2200.
	2200.	2200.	2200.	2029.	2000.	1786.	1700.	1614.	1500.	1471.
	1400.	1357.	1300.	1243.	1100.	1100.	1100.	1100.	1443.	1500.
	5857.	7600.	14686.	22857.	24286.	14357.	14886.	15414.	16943.	22929.
	17000.	19557.	26814.	32043.	25429.	22471.	21714.	20857.	18314.	28943.
	20514.	17557.								
1961	12529.	9100.	6471.	4714.	3586.	3300.	3043.	2700.	2757.	2900.
	2843.	2500.	2500.	2414.	2400.	2471.	2500.	2200.	1800.	1771.
	1700.	1614.	1500.	1671.	2100.	2100.	2500.	2500.	2757.	2800.
	7229.	12714.	22000.	20957.	19814.	18971.	30986.	38714.	32529.	23000.
	24143.	25000.	25900.	25643.	26000.	22200.	21071.	15657.	12429.	14100.
	13429.	15457.								
1962	10429.	4600.	4600.	4600.	3514.	2700.	2700.	2700.	2529.	2100.
	2100.	2100.	2100.	1929.	1900.	1900.	1900.	1729.	1500.	1500.
	1500.	1457.	1400.	1400.	1400.	1400.	1700.	1700.	1700.	1700.
	3700.	4500.	12214.	18000.	28471.	30286.	58743.	50229.	35557.	27186.
	26543.	23129.	27186.	26057.	23000.	23000.	23000.	23429.	23571.	14886.
	12057.	13871.								
1963	9150.	6967.	6071.	5486.	3700.	2800.	2800.	2800.	2571.	2000.
	2000.	2000.	2000.	1657.	1600.	1600.	1600.	1557.	1500.	1500.
	1500.	1286.	1000.	1000.	1000.	1000.	830.	830.	830.	830.
	2666.	3400.	19171.	31000.	35686.	26000.	26000.	26000.	26000.	31143.
	40257.	38143.	32571.	27800.	25143.	21814.	23071.	19543.	15143.	13543.
	10829.	10979.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 1 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT GOLD CREEK

1964	8897.	7491.	6129.	4643.	2886.	2600.	2300.	1900.	1843.	1700.
	1643.	1300.	1300.	1129.	1100.	1029.	1000.	1000.	1000.	980.
	930.	861.	770.	739.	660.	660.	710.	710.	770.	780.
	866.	1043.	1400.	3099.	28990.	75029.	51529.	43000.	31100.	25371.
	26143.	24671.	16929.	19757.	18729.	15100.	16100.	13600.	11354.	9253.
	9304.	9106.								
1965	7677.	8591.	5623.	4473.	3080.	2836.	2807.	3129.	2033.	1370.
	1221.	1110.	1110.	981.	960.	960.	960.	917.	860.	860.
	860.	877.	900.	900.	900.	900.	1180.	1180.	1489.	1540.
	2011.	5386.	9371.	16886.	33643.	21971.	23471.	22429.	33014.	30357.
	30614.	28514.	24729.	22229.	19671.	30386.	20371.	11343.	16849.	20700.
	18943.	25043.								
1966	15086.	8387.	3929.	3250.	2764.	2264.	2000.	1907.	1829.	1714.
	1657.	1590.	1530.	1419.	1400.	1400.	1400.	1357.	1300.	1300.
	1300.	1300.	1300.	1300.	1300.	1300.	1500.	1500.	1971.	2050.
	3014.	3886.	7200.	13800.	21657.	47686.	34129.	28829.	24329.	18643.
	17757.	18586.	21029.	28014.	22914.	18843.	22829.	18300.	12886.	12514.
	12371.	10314.								
1967	6990.	4687.	3544.	2400.	1729.	1600.	1600.	1600.	1571.	1500.
	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1457.	1400.	1400.
	1400.	1314.	1200.	1200.	1200.	1200.	1100.	1100.	1129.	1300.
	1743.	4929.	17143.	23986.	28829.	26571.	34814.	29014.	28386.	21557.
	21471.	29857.	34800.	27100.	25043.	54871.	30600.	20614.	29071.	17157.
	12471.	10831.								
1968	6851.	5703.	4460.	3400.	2857.	2429.	2300.	2214.	2171.	2100.
	2100.	2014.	2000.	2000.	2000.	2000.	1971.	1900.	1900.	1900.
	1900.	1900.	1900.	1900.	1900.	1900.	1871.	1800.	1886.	2014.
	2243.	2943.	13086.	33843.	27543.	26457.	36829.	37343.	27186.	29429.
	26786.	25857.	24986.	22214.	20143.	16757.	15143.	13429.	11271.	11291.
	7210.	6309.								
1969	5061.	4370.	3366.	2987.	2543.	1971.	1500.	1314.	1086.	950.
	900.	850.	807.	771.	750.	700.	700.	700.	700.	714.
	750.	750.	779.	800.	843.	871.	957.	1129.	1471.	2086.
	3400.	6013.	11434.	20057.	12069.	12800.	16314.	17871.	16229.	13929.
	17629.	18114.	15143.	13386.	14286.	7399.	6001.	5593.	6303.	5511.
	4726.	4536.								
1970	3940.	3709.	3249.	2193.	1714.	1429.	1129.	1000.	936.	900.
	857.	850.	850.	850.	850.	814.	800.	800.	800.	750.
	750.	750.	750.	764.	800.	800.	850.	936.	1071.	1300.
	1943.	4614.	16343.	14757.	18129.	16971.	16371.	15500.	26100.	25029.
	21000.	22500.	21514.	26429.	22871.	17671.	19971.	13786.	11897.	9466.
	9643.	6143.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 1 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT GOLD CREEK

1971	7017.	5857.	4771.	4057.	4000.	3800.	3457.	3057.	2743.	2571.
	2400.	2200.	1971.	1743.	1557.	1414.	1243.	1157.	1100.	1000.
	1000.	979.	950.	950.	950.	950.	964.	1000.	1086.	1214.
	1457.	1900.	2800.	4943.	8714.	22857.	47186.	28657.	39586.	24471.
	24900.	28700.	18671.	24357.	44743.	40000.	24529.	19471.	22857.	14586.
	11029.	10939.								
1972	7744.	6939.	5267.	4343.	3600.	3257.	3086.	2914.	2771.	2600.
	2600.	2400.	2400.	2400.	2200.	2200.	2200.	2200.	2086.	2000.
	2000.	1914.	1886.	1800.	1800.	1771.	1700.	1700.	1629.	1700.
	3386.	19571.	19286.	26886.	44243.	24471.	43457.	38057.	25729.	25371.
	25357.	22600.	18429.	20243.	21729.	19929.	20600.	13786.	13186.	18029.
	13286.	6857.								
1973	4786.	4429.	6143.	4557.	3114.	2543.	2171.	2000.	1743.	1600.
	1429.	1400.	1400.	1229.	1200.	1200.	1200.	1200.	1200.	1200.
	1200.	1114.	1000.	1000.	1000.	1000.	1000.	1000.	1000.	1057.
	1400.	2686.	9200.	12671.	15714.	20214.	33700.	36443.	23943.	21057.
	20129.	15229.	16429.	17657.	21029.	16757.	21800.	23171.	12814.	8942.
	7551.	7010.								
1974	5636.	4539.	3130.	2371.	1914.	1643.	1514.	1386.	1271.	1143.
	1029.	979.	950.	907.	900.	864.	850.	829.	800.	786.
	750.	750.	750.	736.	700.	700.	700.	729.	879.	1400.
	2571.	6586.	12286.	27429.	31357.	19557.	16700.	15614.	16671.	16943.
	21057.	19314.	18571.	17714.	18686.	15986.	12651.	17130.	16614.	9314.
	9413.	14154.								
1975	5503.	5469.	2914.	1943.	1700.	1700.	1700.	1700.	1686.	1600.
	1600.	1600.	1600.	1586.	1500.	1500.	1500.	1500.	1500.	1500.
	1443.	1400.	1400.	1400.	1400.	1400.	1400.	1414.	1543.	1829.
	2843.	6857.	15071.	23029.	30500.	36400.	27343.	34357.	30714.	27500.
	29900.	28343.	25929.	24200.	19486.	18614.	16429.	14157.	11743.	19886.
	18629.	17943.								
1976	10286.	9071.	8357.	4929.	3429.	2457.	1871.	1486.	1271.	1143.
	1100.	1057.	1000.	1000.	1000.	964.	950.	950.	950.	950.
	950.	929.	900.	900.	900.	900.	900.	943.	1171.	1957.
	4957.	13943.	13400.	14014.	16129.	27700.	29843.	21014.	20300.	19329.
	19286.	18386.	18857.	21714.	27714.	20571.	15800.	11183.	7729.	6330.
	6367.	7750.								
1977	4831.	3943.	3760.	3337.	2943.	2714.	2543.	2400.	2886.	2714.
	2457.	2257.	2086.	1957.	1900.	1800.	1757.	1700.	1629.	1600.
	1600.	1557.	1500.	1500.	1500.	1500.	1600.	1600.	1686.	1771.
	1971.	3457.	12514.	19200.	29200.	34957.	46300.	37943.	33857.	21714.
	24143.	25514.	21229.	22286.	21329.	19514.	19729.	12514.	10363.	14671.
	14071.	13534.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 1 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT GOLD CREEK

1978	8829.	8957.	7871.	5871.	4486.	3829.	3450.	3200.	2964.	2757.
	2636.	2557.	2364.	2236.	2107.	2000.	1921.	1807.	1700.	1650.
	1650.	1600.	1600.	1600.	1600.	1621.	1650.	1650.	1650.	1743.
	3643.	12557.	17143.	11600.	12371.	15386.	21371.	18286.	22786.	22314.
	20729.	20957.	20557.	20214.	19114.	17771.	14829.	10686.	11214.	10109.
1979	7599.	6481.								
	5416.	6069.	4901.	3679.	3577.	3126.	2343.	2057.	1971.	1900.
	1729.	1557.	1500.	1457.	1400.	1400.	1400.	1300.	1300.	1300.
	1300.	1200.	1200.	1200.	1200.	1200.	1200.	1257.	1386.	1743.
	2743.	5143.	12000.	19143.	31671.	27486.	23071.	20829.	25771.	26371.
1980	26086.	31757.	32457.	26514.	24800.	20029.	17057.	15171.	9447.	9203.
	13543.	12254.								
	7890.	10014.	7034.	5197.	4871.	4424.	4929.	3529.	3357.	2743.
	2471.	2257.	2043.	1914.	1829.	1729.	1643.	1600.	1529.	1457.
	1400.	1400.	1400.	1400.	1400.	1400.	1400.	1400.	1471.	2000.
1981	4143.	9714.	13914.	12443.	19843.	32143.	25329.	32800.	28614.	31343.
	31800.	33557.	30143.	33014.	23200.	21929.	19886.	14457.	10570.	11304.
	19000.	14186.								
	9849.	8779.	7303.	6019.	4657.	4211.	3143.	3200.	3200.	2314.
	1786.	1679.	1614.	1571.	1829.	2129.	2300.	2329.	2414.	2014.
1982	1600.	1500.	1500.	1600.	1629.	1650.	1700.	1771.	1886.	2443.
	5623.	20400.	20486.	13500.	21943.	18629.	16914.	18200.	21257.	17829.
	42086.	41143.	36700.	38600.	36157.	46729.	37029.	24971.	17986.	14500.
	12100.	11256.								
	7641.	7200.	7399.	8581.	4612.	3943.	3857.	3243.	2828.	2529.
1983	2385.	2300.	2300.	2300.	2300.	2300.	2300.	2314.	2357.	1721.
	1250.	1100.	1100.	1100.	1164.	1497.	1500.	1500.	1657.	2200.
	3386.	8100.	15000.	20143.	22714.	26143.	21857.	28857.	28000.	19500.
	24114.	24514.	27500.	23657.	16629.	14471.	12629.	14014.	13486.	16886.
	26557.	16729.								
1983	10429.	8201.	6669.	3914.	2971.	2786.	2643.	2471.	2400.	2300.
	2300.	2300.	2443.	2771.	2400.	2429.	2000.	1957.	1900.	2043.
	2086.	1957.	1814.	1700.	1643.	1514.	1500.	1529.	1786.	2414.
	4600.	11086.	19143.	17000.	24143.	27343.	19586.	23886.	23671.	25371.
	21857.	18243.	19714.	21014.	26586.	25414.	21757.	26671.	18957.	12586.
	10334.	11878.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 2

OBSERVED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1950	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1951	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1952	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1953	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1954	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1955	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1956	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 2 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	7071.	5329.	3286.	3773.	3071.	2357.	2200.	2143.	1957.	1700.
	1700.	1700.	1700.	1286.	1500.	1429.	1400.	1314.	1200.	1143.
	1000.	996.	990.	959.	880.	880.	900.	900.	1071.	1100.
	2700.	6914.	11541.	21471.	23971.	14714.	16371.	17457.	21243.	23671.
	19500.	22000.	26057.	27800.	25000.	20286.	14000.	13243.	7776.	15126.
	14571.	14529.								
1961	8797.	5834.	3981.	3014.	2314.	2100.	1971.	1800.	1829.	1900.
	1857.	1600.	1600.	1429.	1400.	1471.	1500.	1329.	1100.	1100.
	1100.	1036.	950.	1021.	1200.	1200.	1500.	1500.	1671.	1700.
	2900.	8829.	12714.	11743.	12386.	12343.	21886.	25600.	24643.	26243.
	23457.	26586.	32129.	30429.	30857.	19300.	26314.	17329.	15614.	22471.
	14914.	13469.								
1962	10121.	5790.	4486.	3786.	3000.	2800.	2457.	2000.	1857.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	970.	930.	930.	930.	930.	940.	940.	1334.	1400.
	2686.	3200.	6299.	11550.	15486.	13386.	24471.	23000.	23000.	25000.
	25000.	26686.	30000.	31714.	20171.	18529.	17914.	26157.	23200.	12011.
	8539.	10793.								
1963	6379.	3996.	2424.	1957.	1686.	1600.	1514.	1400.	1429.	1500.
	1514.	1600.	1600.	1600.	1600.	1600.	1600.	1471.	1300.	1300.
	1300.	1159.	970.	901.	730.	730.	650.	650.	736.	750.
	1714.	2100.	10614.	17000.	24771.	15914.	14843.	16157.	22157.	28914.
	34000.	32429.	23000.	19000.	16429.	19000.	19714.	19143.	14000.	11143.
	10000.	11429.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 2 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1964	10874.	10000.	7971.	4800.	3829.	3100.	2414.	1500.	1357.	1000.
	1000.	1000.	1000.	1086.	1100.	971.	920.	877.	820.	820.
	820.	799.	770.	770.	770.	770.	900.	1071.	1214.	1300.
	1371.	1429.	1500.	3643.	15714.	45000.	39857.	38143.	37000.	24000.
	25714.	26143.	21000.	25686.	19586.	19900.	22143.	15857.	12443.	9000.
	7800.	8191.								
1965	5977.	9479.	4403.	3700.	3086.	2900.	2900.	2900.	2671.	2100.
	2100.	2100.	2100.	1671.	1600.	1600.	1600.	1514.	1400.	1400.
	1400.	1357.	1300.	1300.	1300.	1300.	1400.	1400.	1400.	1400.
	2257.	2600.	7971.	12000.	15286.	16571.	18143.	22886.	21700.	20043.
	25557.	24471.	22300.	24957.	23771.	31029.	20257.	11914.	20971.	21857.
	17886.	33129.								
1966	9400.	9400.	3871.	2950.	2190.	1620.	1620.	1620.	1543.	1350.
	1350.	1350.	1350.	1221.	1200.	1200.	1200.	1157.	1100.	1100.
	1100.	1100.	1100.	1100.	1100.	1100.	1300.	1300.	1300.	1300.
	1871.	2100.	4043.	5500.	6914.	21800.	23571.	23157.	21643.	18757.
	21314.	25857.	28257.	28829.	26543.	23814.	34843.	22286.	13571.	13143.
	12571.	10426.								
1967	8000.	5429.	3936.	2514.	1914.	1743.	1671.	1600.	1557.	1500.
	1500.	1500.	1500.	1500.	1500.	1471.	1400.	1371.	1300.	1271.
	1200.	1200.	1100.	1029.	1000.	986.	921.	900.	900.	1043.
	2043.	5700.	15286.	17571.	20143.	18571.	24000.	27100.	34286.	32043.
	29271.	44914.	38200.	30914.	26357.	52000.	34600.	21286.	16900.	14571.
	10639.	8586.								
1968	5181.	3971.	3159.	2286.	1871.	1757.	1671.	1571.	1500.	1486.
	1400.	1386.	1300.	1300.	1271.	1200.	1200.	1200.	1200.	1200.
	1200.	1200.	1200.	1171.	1100.	1100.	1171.	1200.	1329.	1543.
	2157.	3561.	8383.	18700.	22257.	22729.	34314.	33886.	27286.	30943.
	32943.	26586.	32329.	23243.	26143.	21943.	19100.	13443.	9493.	9024.
	6330.	5289.								
1969	3824.	3267.	2514.	2371.	1857.	1557.	1457.	1400.	1300.	1200.
	1157.	1100.	1071.	1000.	1000.	964.	950.	929.	900.	900.
	900.	879.	850.	836.	800.	800.	864.	964.	1286.	1900.
	2757.	4094.	5097.	8736.	9073.	10569.	17700.	24471.	24300.	23957.
	23771.	19557.	17986.	16386.	17214.	9071.	7571.	7991.	8563.	7300.
	6051.	5587.								
1970	5509.	5681.	4571.	3229.	2843.	2186.	1771.	1571.	1400.	1343.
	1300.	1300.	1300.	1214.	1200.	1200.	1200.	1200.	1200.	1171.
	1100.	1100.	1100.	1100.	1100.	1100.	1129.	1243.	1414.	1757.
	2614.	5417.	9829.	13457.	16571.	15143.	24857.	19000.	20714.	22857.
	25286.	26600.	26614.	32700.	28557.	21286.	25143.	18443.	17214.	13000.
	9453.	6220.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 2 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1978	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1979	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1980	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1981	7357.	6397.	5313.	4479.	3830.	3543.	3171.	2971.	2743.	2457.
	2043.	1800.	1657.	1657.	1643.	1600.	1600.	1557.	1500.	1400.
	1371.	1300.	1229.	1200.	1100.	1100.	1000.	1000.	1100.	2014.
	5271.	10133.	10280.	8847.	16357.	21457.	22243.	22086.	24614.	18486.
	36057.	35229.	30700.	36500.	33486.	42600.	25043.	24700.	18786.	11334.
	9760.	7711.								
1982	5210.	4914.	4629.	5057.	3343.	2857.	2257.	1729.	1443.	1300.
	1214.	1200.	1129.	1100.	1086.	1000.	993.	950.	950.	850.
	829.	800.	757.	750.	779.	864.	979.	1000.	1057.	1171.
	1714.	4343.	6143.	8914.	10936.	16714.	15886.	18157.	24014.	21371.
	23000.	22400.	33314.	27100.	22743.	21271.	17957.	16871.	12786.	15157.
	30529.	17257.								
1983	8773.	6057.	4507.	3614.	3143.	2771.	2471.	2257.	2114.	1957.
	1829.	1743.	1793.	2079.	1750.	1486.	1286.	1136.	1050.	1000.
	1036.	1050.	1050.	1050.	1050.	1050.	1000.	1000.	1143.	1607.
	2543.	5014.	11771.	11671.	13714.	15300.	14800.	19986.	26086.	26829.
	22857.	20514.	19757.	21557.	31271.	22100.	17929.	17657.	16657.	10686.
	8306.	7986.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 2 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1971	4771.	4229.	3543.	3114.	3000.	2714.	2057.	1814.	1629.	1500.
	1429.	1343.	1300.	1214.	1200.	1100.	1029.	979.	950.	950.
	950.	950.	950.	936.	900.	943.	950.	950.	993.	1000.
	1314.	2400.	3800.	5729.	9714.	14000.	20257.	19686.	38257.	28429.
	33543.	30471.	19657.	21429.	31571.	27600.	19929.	15829.	15929.	12857.
	8950.	7551.								
1972	5514.	8671.	5100.	3514.	2857.	2400.	2129.	1900.	1714.	1557.
	1443.	1386.	1300.	1257.	1200.	1200.	1100.	1100.	1100.	1029.
	1000.	1000.	979.	950.	900.	900.	893.	850.	850.	893.
	2414.	9214.	8071.	10786.	18929.	12800.	19243.	20643.	18186.	24700.
	33143.	23486.	23486.	23286.	22157.	21743.	22900.	13929.	14114.	18771.
	9894.	7331.								
1973	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.								
1974	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1975	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1976	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1977	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 3

OBSERVED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1950	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1951	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1952	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1953	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1954	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1955	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1956	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 3 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	7071.	5329.	3286.	3773.	3071.	2357.	2200.	2143.	1957.	1700.
	1700.	1700.	1700.	1286.	1500.	1429.	1400.	1314.	1200.	1143.
	1000.	996.	990.	959.	880.	880.	900.	900.	1071.	1100.
	2700.	6914.	11541.	21471.	23971.	14714.	16371.	17457.	21243.	23671.
	19500.	22000.	26057.	27800.	25000.	20286.	14000.	13243.	7776.	15126.
	14571.	14529.								
1961	8797.	5834.	3981.	3014.	2314.	2100.	1971.	1800.	1829.	1900.
	1857.	1600.	1600.	1429.	1400.	1471.	1500.	1329.	1100.	1100.
	1100.	1036.	950.	1021.	1200.	1200.	1500.	1500.	1671.	1700.
	2900.	8829.	12714.	11743.	12386.	12343.	21886.	25600.	24643.	26243.
	23457.	26586.	32129.	30429.	30857.	19300.	26314.	17329.	15614.	22471.
	14914.	13469.								
1962	10121.	5790.	4486.	3786.	3000.	2800.	2457.	2000.	1857.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	970.	930.	930.	930.	930.	940.	940.	1334.	1400.
	2686.	3200.	6299.	11550.	15486.	13386.	24471.	23000.	23000.	25000.
	25000.	26686.	30000.	31714.	20171.	18529.	17914.	26157.	23200.	12011.
	8539.	10793.								
1963	6379.	3996.	2424.	1957.	1686.	1600.	1514.	1400.	1429.	1500.
	1514.	1600.	1600.	1600.	1600.	1600.	1600.	1471.	1300.	1300.
	1300.	1159.	970.	901.	730.	730.	650.	650.	736.	750.
	1714.	2100.	10614.	17000.	24771.	15914.	14843.	16157.	22157.	28914.
	34000.	32429.	23000.	19000.	16429.	19000.	19714.	19143.	14000.	11143.
	10000.	11429.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 3 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1964	10874.	10000.	7971.	4800.	3829.	3100.	2414.	1500.	1357.	1000.
	1000.	1000.	1000.	1086.	1100.	971.	920.	877.	820.	820.
	820.	799.	770.	770.	770.	770.	900.	1071.	1214.	1300.
	1371.	1429.	1500.	3643.	15714.	45000.	39857.	38143.	37000.	24000.
	25714.	26143.	21000.	25686.	19586.	19900.	22143.	15857.	12443.	9000.
	7800.	8191.								
1965	5977.	9479.	4403.	3700.	3086.	2900.	2900.	2900.	2671.	2100.
	2100.	2100.	2100.	1671.	1600.	1600.	1600.	1514.	1400.	1400.
	1400.	1357.	1300.	1300.	1300.	1300.	1400.	1400.	1400.	1400.
	2257.	2600.	7971.	12000.	15286.	16571.	18143.	22886.	21700.	20043.
	25557.	24471.	22300.	24957.	23771.	31029.	20257.	11914.	20971.	21857.
	17886.	33129.								
1966	9400.	9400.	3871.	2950.	2190.	1620.	1620.	1620.	1543.	1350.
	1350.	1350.	1350.	1221.	1200.	1200.	1200.	1157.	1100.	1100.
	1100.	1100.	1100.	1100.	1100.	1100.	1300.	1300.	1300.	1300.
	1871.	2100.	4043.	5500.	6914.	21800.	23571.	23157.	21643.	18757.
	21314.	25857.	28257.	28829.	26543.	23814.	34843.	22286.	13571.	13143.
	12571.	10426.								
1967	8000.	5429.	3936.	2514.	1914.	1743.	1671.	1600.	1557.	1500.
	1500.	1500.	1500.	1500.	1500.	1471.	1400.	1371.	1300.	1271.
	1200.	1200.	1100.	1029.	1000.	986.	921.	900.	900.	1043.
	2043.	5700.	15286.	17571.	20143.	18571.	24000.	27100.	34286.	32043.
	29271.	44914.	38200.	30914.	26357.	52000.	34600.	21286.	16900.	14571.
	10639.	8586.								
1968	5181.	3971.	3159.	2286.	1871.	1757.	1671.	1571.	1500.	1486.
	1400.	1386.	1300.	1300.	1271.	1200.	1200.	1200.	1200.	1200.
	1200.	1200.	1200.	1171.	1100.	1100.	1171.	1200.	1329.	1543.
	2157.	3561.	8383.	18700.	22257.	22729.	34314.	33886.	27286.	30943.
	32943.	26586.	32329.	23243.	26143.	21943.	19100.	13443.	9493.	9024.
	6330.	5289.								
1969	3824.	3267.	2514.	2371.	1857.	1557.	1457.	1400.	1300.	1200.
	1157.	1100.	1071.	1000.	1000.	964.	950.	929.	900.	900.
	900.	879.	850.	836.	800.	800.	864.	964.	1286.	1900.
	2757.	4094.	5097.	8736.	9073.	10569.	17700.	24471.	24300.	23957.
	23771.	19557.	17986.	16386.	17214.	9071.	7571.	7991.	8563.	7300.
	6051.	5587.								
1970	5509.	5681.	4571.	3229.	2843.	2186.	1771.	1571.	1400.	1343.
	1300.	1300.	1300.	1214.	1200.	1200.	1200.	1200.	1200.	1171.
	1100.	1100.	1100.	1100.	1100.	1100.	1129.	1243.	1414.	1757.
	2614.	5417.	9829.	13457.	16571.	15143.	24857.	19000.	20714.	22857.
	25286.	26600.	26614.	32700.	28557.	21286.	25143.	18443.	17214.	13000.
	9453.	6220.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 3 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1971	4771.	4229.	3543.	3114.	3000.	2714.	2057.	1814.	1629.	1500.
	1429.	1343.	1300.	1214.	1200.	1100.	1029.	979.	950.	950.
	950.	950.	950.	936.	900.	943.	950.	950.	993.	1000.
	1314.	2400.	3800.	5729.	9714.	14000.	20257.	19686.	38257.	28429.
	33543.	30471.	19657.	21429.	31571.	27600.	19929.	15829.	15929.	12857.
	8950.	7551.								
1972	5514.	8671.	5100.	3514.	2857.	2400.	2129.	1900.	1714.	1557.
	1443.	1386.	1300.	1257.	1200.	1200.	1100.	1100.	1100.	1029.
	1000.	1000.	979.	950.	900.	900.	893.	850.	850.	893.
	2414.	9214.	8071.	10786.	18929.	12800.	19243.	20643.	18186.	24700.
	33143.	23486.	23486.	23286.	22157.	21743.	22900.	13929.	14114.	18771.
	9894.	7331.								
1973	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1974	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1975	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1976	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1977	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 3 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1978	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1979	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1980	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1981	7357.	6397.	5313.	4479.	3830.	3543.	3171.	2971.	2743.	2457.
	2043.	1800.	1657.	1657.	1643.	1600.	1600.	1557.	1500.	1400.
	1371.	1300.	1229.	1200.	1100.	1100.	1000.	1000.	1100.	2014.
	5271.	10133.	10280.	8847.	16357.	21457.	22243.	22086.	24614.	18486.
	36057.	35229.	30700.	36500.	33486.	42600.	25043.	24700.	18786.	11334.
	9760.	7711.								
1982	5210.	4914.	4629.	5057.	3343.	2857.	2257.	1729.	1443.	1300.
	1214.	1200.	1129.	1100.	1086.	1000.	993.	950.	950.	850.
	829.	800.	757.	750.	779.	864.	979.	1000.	1057.	1171.
	1714.	4343.	6143.	8914.	10936.	16714.	15886.	18157.	24014.	21371.
	23000.	22400.	33314.	27100.	22743.	21271.	17957.	16871.	12786.	15157.
	30529.	17257.								
1983	8773.	6057.	4507.	3614.	3143.	2771.	2471.	2257.	2114.	1957.
	1829.	1743.	1793.	2079.	1750.	1486.	1286.	1136.	1050.	1000.
	1036.	1050.	1050.	1050.	1050.	1050.	1000.	1000.	1143.	1607.
	2543.	5014.	11771.	11671.	13714.	15300.	14800.	19986.	26086.	26829.
	22857.	20514.	19757.	21557.	31271.	22100.	17929.	17657.	16657.	10686.
	8306.	7986.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 4

OBSERVED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1950	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1951	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1952	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1953	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1954	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1955	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1956	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 4 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	4200.	4200.	3086.	2900.	2400.	2000.	1871.	1700.	1614.	1400.
	1400.	1400.	1400.	1229.	1200.	1057.	1000.	991.	980.	969.
	940.	923.	900.	869.	790.	790.	780.	780.	874.	890.
	3540.	4600.	11114.	16000.	15143.	13000.	12900.	14000.	14000.	17000.
	15286.	14000.	17057.	21429.	18686.	15143.	12286.	10071.	7536.	11403.
	9729.	9466.								
1961	6277.	4529.	3176.	2371.	1843.	1700.	1614.	1500.	1557.	1700.
	1671.	1500.	1500.	1329.	1300.	1443.	1500.	1371.	1200.	1171.
	1100.	1057.	1000.	1086.	1300.	1300.	1600.	1600.	1771.	1800.
	3300.	9970.	15457.	12943.	11771.	12300.	20229.	21871.	20100.	15000.
	15000.	15857.	16000.	15429.	15000.	12776.	14957.	11714.	10014.	17643.
	11229.	9877.								
1962	10121.	5790.	4486.	3786.	3000.	2800.	2457.	2000.	1857.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	970.	930.	930.	930.	921.	940.	940.	1334.	1400.
	2686.	3200.	6299.	11550.	15486.	13386.	24471.	23000.	23000.	25000.
	25000.	26686.	30000.	31714.	20171.	18529.	17914.	26157.	23200.	12011.
	8539.	10793.								
1963	4174.	3514.	2243.	1786.	1486.	1400.	1271.	1100.	1100.	1100.
	1100.	1100.	1100.	1014.	1000.	1000.	1000.	919.	810.	810.
	810.	763.	700.	700.	700.	700.	650.	650.	650.	650.
	879.	2579.	6600.	13800.	15143.	11773.	12329.	17614.	14057.	19243.
	25343.	23457.	16857.	13757.	7903.	11743.	15404.	11074.	8980.	7449.
	5524.	7756.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 4 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1964	6961.	6884.	5506.	3286.	2266.	2000.	1614.	1100.	1026.	840.
	840.	840.	840.	951.	970.	970.	970.	876.	750.	750.
	750.	686.	600.	600.	600.	600.	720.	720.	926.	956.
	989.	1029.	1100.	2471.	10786.	30157.	27171.	26186.	24429.	15957.
	18243.	16843.	14114.	16386.	12371.	11714.	14043.	10769.	8276.	6200.
	5300.	5529.								
1965	4100.	6143.	3726.	4379.	2574.	1971.	1634.	1600.	1514.	1300.
	1300.	1300.	1300.	974.	920.	920.	920.	869.	800.	800.
	800.	774.	740.	740.	740.	740.	720.	720.	806.	820.
	1391.	1620.	5151.	7800.	11000.	15471.	16400.	14600.	21643.	18643.
	23929.	20514.	15057.	18071.	15914.	17457.	12193.	6956.	8121.	12057.
	12920.	22057.								
1966	7459.	4269.	3100.	2507.	1950.	1800.	1607.	1350.	1293.	1150.
	1150.	1150.	1150.	1107.	1100.	1100.	1100.	1100.	1100.	1100.
	1100.	1100.	1101.	1100.	1100.	1100.	1200.	1200.	1243.	1500.
	1929.	2586.	3900.	6071.	8469.	20243.	25214.	20400.	15457.	11863.
	11920.	14157.	18657.	13557.	27057.	13011.	17943.	13071.	8654.	9493.
	12586.	9574.								
1967	9809.	6753.	4746.	2500.	1686.	1400.	1400.	1400.	1257.	900.
	900.	900.	900.	746.	720.	720.	720.	690.	650.	650.
	650.	650.	650.	650.	650.	650.	780.	780.	780.	780.
	1080.	1200.	1543.	1886.	4314.	11066.	15757.	17143.	16029.	13629.
	16114.	15814.	14100.	14429.	16814.	20386.	13700.	11829.	13429.	9786.
	8429.	7429.								
1968	4829.	4567.	4387.	2343.	1900.	1686.	1543.	1443.	1329.	1271.
	1200.	1129.	1100.	957.	1014.	1000.	1000.	1000.	1000.	1000.
	1000.	979.	950.	950.	950.	950.	950.	950.	1100.	1814.
	3571.	7857.	13143.	19000.	22457.	19543.	25143.	21857.	16843.	18500.
	19143.	15243.	16871.	15129.	15300.	9837.	11439.	6304.	5150.	4949.
	2717.	2961.								
1969	3133.	2829.	1447.	814.	736.	700.	679.	650.	650.	650.
	643.	600.	600.	600.	600.	600.	600.	600.	600.	600.
	600.	600.	600.	614.	650.	650.	771.	1029.	1443.	2243.
	4043.	7836.	9296.	16714.	15857.	14857.	19729.	23486.	22000.	19271.
	15800.	11931.	9884.	9519.	12743.	6086.	4486.	4486.	4644.	4321.
	3736.	3750.								
1970	5466.	10314.	6440.	2119.	2894.	1746.	1243.	1029.	936.	871.
	843.	800.	800.	800.	786.	750.	750.	729.	700.	700.
	700.	679.	650.	650.	650.	650.	650.	650.	657.	821.
	1943.	4780.	12457.	17186.	20929.	23986.	23143.	20714.	23986.	25814.
	21214.	18714.	18786.	19100.	12886.	12357.	14029.	9647.	8757.	6374.
	6483.	5583.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 4 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1971	3514.	3069.	2857.	2500.	2300.	2257.	2100.	1829.	1600.	1371.
	1214.	1100.	993.	921.	900.	867.	814.	786.	750.	736.
	700.	650.	636.	600.	600.	600.	600.	600.	600.	614.
	700.	979.	1957.	9029.	17971.	18443.	23329.	19129.	43929.	25514.
	26129.	19829.	14986.	13443.	21186.	17500.	13714.	10571.	9544.	5399.
	5247.	4056.								
1972	3257.	5090.	2500.	1843.	1514.	1400.	1329.	1271.	1200.	1171.
	1100.	1100.	1029.	1000.	1000.	1000.	979.	954.	914.	900.
	893.	850.	843.	800.	800.	786.	750.	750.	700.	721.
	1514.	6829.	6171.	8514.	18571.	10357.	18714.	16186.	14729.	18800.
	22314.	13757.	13671.	14500.	13171.	14614.	15586.	8601.	14189.	12044.
	6677.	5560.								
1973	3323.	2286.	8567.	4464.	3314.	2714.	2300.	1971.	1700.	1514.
	1343.	1229.	1129.	1029.	971.	900.	829.	800.	729.	700.
	664.	650.	607.	600.	600.	600.	614.	657.	729.	843.
	1171.	3953.	9716.	8140.	7574.	9179.	14471.	22414.	16929.	14771.
	14357.	11543.	14186.	13114.	10089.	6833.	12876.	8231.	6296.	6347.
	6720.	6091.								
1974	5599.	3680.	2971.	2486.	2114.	1886.	1686.	1543.	1400.	1400.
	1229.	1200.	1200.	1171.	1000.	1000.	986.	950.	929.	900.
	886.	850.	850.	800.	800.	779.	750.	750.	821.	1343.
	2857.	4500.	5626.	8091.	13814.	9586.	10017.	9283.	12486.	14543.
	9717.	10976.	11311.	11857.	10931.	12019.	8759.	10469.	12679.	11079.
	13357.	10951.								
1975	4621.	4664.	4140.	5127.	4007.	3200.	2057.	1486.	1171.	1000.
	914.	900.	829.	800.	800.	800.	800.	779.	750.	750.
	750.	750.	750.	750.	750.	750.	750.	750.	757.	800.
	886.	1557.	8200.	12271.	17114.	19086.	15471.	20657.	21443.	20157.
	25214.	19814.	15486.	13729.	12143.	14857.	9827.	8140.	7129.	8089.
	11140.	8917.								
1976	5467.	5510.	5233.	3450.	2657.	2200.	1914.	1714.	1543.	1400.
	1257.	1200.	1171.	1000.	1000.	1000.	929.	900.	900.	900.
	900.	857.	800.	800.	800.	800.	800.	857.	1043.	1743.
	7429.	9786.	8286.	8429.	8714.	12429.	19286.	14286.	16143.	14286.
	15286.	15571.	14129.	15114.	13086.	10199.	9769.	7230.	5141.	4939.
	11986.	12146.								
1977	7773.	5644.	6480.	5829.	3686.	3057.	2800.	2657.	2600.	2800.
	2829.	2900.	3000.	3086.	2986.	2857.	2657.	2357.	2043.	1814.
	1629.	1400.	1257.	1200.	1186.	1100.	1100.	1114.	1200.	1314.
	1743.	3914.	7871.	11371.	23829.	41886.	41829.	31229.	33343.	28214.
	25943.	25457.	21871.	21500.	23900.	23671.	20200.	11821.	10033.	11120.
	10211.	11354.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 4 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1978	6979.	7729.	5647.	3914.	3114.	2614.	2314.	2143.	1929.	1743.
	1557.	1429.	1400.	1329.	1257.	1200.	1157.	1057.	997.	936.
	900.	900.	879.	850.	814.	797.	774.	774.	880.	1343.
	3414.	9857.	10593.	9616.	10119.	11900.	16686.	13071.	14557.	19157.
	19486.	18157.	15729.	19286.	18114.	13500.	10423.	8350.	7810.	9781.
	7220.	6050.								
1979	3880.	6523.	5783.	4041.	3250.	2180.	1100.	1000.	1286.	1757.
	1671.	1514.	1343.	1243.	1200.	1171.	1100.	1100.	1100.	1000.
	1000.	1000.	1000.	980.	977.	960.	963.	1040.	1300.	2386.
	5429.	10160.	11057.	12686.	18486.	16486.	15143.	13743.	13829.	16986.
	14800.	16643.	15771.	14543.	16971.	23957.	13529.	9531.	5400.	6649.
	8330.	10683.								
1980	6657.	13196.	6357.	3881.	4644.	6443.	4396.	2643.	2671.	2429.
	2229.	2114.	2014.	1943.	1871.	1771.	1671.	1600.	1743.	1643.
	1557.	1457.	1400.	1329.	1300.	1357.	1457.	1564.	1829.	2557.
	4659.	9609.	11657.	13557.	19600.	24971.	24386.	23557.	27657.	27014.
	33271.	29071.	28543.	17971.	17114.	14857.	11914.	9764.	7813.	8543.
	9661.	10371.								
1981	7203.	6629.	4964.	4357.	3857.	3186.	2471.	2200.	2143.	1857.
	1529.	1264.	1150.	1150.	1150.	1193.	1293.	1500.	1486.	1186.
	1150.	1043.	949.	900.	900.	921.	1236.	1564.	1993.	2800.
	9000.	22429.	25857.	23214.	28986.	22714.	19686.	29586.	24900.	15914.
	21029.	26000.	23514.	20229.	24200.	18186.	11371.	8336.	10121.	7180.
	8127.	6340.								
1982	3896.	3733.	5200.	8429.	3286.	2729.	2314.	1857.	1657.	1571.
	1500.	1443.	1400.	1300.	1200.	1143.	1100.	1057.	1000.	1000.
	979.	921.	850.	793.	714.	700.	700.	694.	729.	879.
	1286.	3643.	7100.	6500.	6929.	14357.	15086.	15229.	21686.	12829.
	14186.	14229.	14086.	13800.	10857.	10900.	9456.	9244.	10890.	11717.
	27729.	13249.								
1983	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1950	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1951	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1952	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1953	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1954	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1955	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1956	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1961	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1962	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1963	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1961	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1962	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1963	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1964	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1965	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1966	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1967	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1968	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1969	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1970	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1971	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1972	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1973	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1974	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1975	25571.	25571.	17143.	13286.	11143.	11000.	10143.	10000.	10000.	9786.
	9500.	9286.	9000.	9000.	8786.	8500.	8500.	8000.	8000.	8000.
	7500.	7500.	7000.	7000.	7000.	7000.	6786.	6500.	6500.	7286.
	9214.	14571.	34429.	78029.	112500.	129429.	110286.	135429.	140857.	142857.
	153429.	137857.	118429.	110143.	99571.	98300.	84614.	67986.	61700.	89157.
	94271.	80457.								
1976	45443.	33800.	31614.	21429.	16000.	12286.	9357.	7643.	6429.	6000.
	6000.	6000.	6000.	6343.	6571.	6800.	6400.	6229.	6000.	5600.
	5371.	5200.	5343.	5400.	5400.	5400.	5400.	5400.	5714.	9000.
	46143.	98086.	66514.	62714.	62729.	92829.	121529.	111571.	114057.	125857.
	120429.	116571.	106671.	111343.	118571.	102657.	90243.	67700.	42371.	38714.
	52857.	67943.								
1977	32900.	29857.	30000.	30429.	22000.	18857.	19286.	17143.	15571.	14571.
	13429.	12286.	11714.	11571.	10143.	9571.	9500.	9929.	9357.	8643.
	8786.	7786.	7143.	6643.	6500.	6500.	6143.	6000.	6000.	6571.
	8214.	18143.	56157.	88457.	118829.	158143.	173000.	172286.	168571.	149143.
	142286.	150143.	134857.	136143.	133429.	134000.	134429.	89100.	73657.	97629.
	84771.	92643.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 5 (Continued)

OBSERVED WEEKLY F FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1978	56729.	46714.	33429.	24000.	18429.	15286.	12571.	10057.	20171.	7914.
	7486.	7343.	7200.	7029.	7000.	7000.	7000.	6800.	6800.	6800.
	6800.	6600.	6600.	6600.	6600.	6557.	6429.	6457.	6800.	7714.
	13029.	44286.	59714.	56871.	63029.	69714.	95271.	93529.	112571.	115143.
	118857.	117857.	117286.	124000.	120143.	105014.	93371.	70643.	72129.	66700.
	51814.	37700.								
1979	31000.	45143.	42000.	32000.	26571.	19714.	13429.	10286.	9857.	9500.
	9500.	9214.	9000.	9000.	9000.	9000.	8500.	8500.	8143.	8000.
	7714.	7429.	7000.	7000.	7000.	7000.	6500.	6786.	8143.	11357.
	22714.	67143.	88214.	94371.	126571.	125000.	116286.	104857.	133000.	129143.
	136143.	151286.	155429.	137571.	138286.	143714.	124143.	94457.	58329.	55400.
	92114.	114229.								
1980	65943.	83900.	55914.	38229.	39214.	38829.	36929.	22286.	19286.	17357.
	15286.	13186.	12071.	11286.	10429.	9929.	9500.	9357.	9186.	9043.
	8871.	8800.	8857.	9129.	8700.	8986.	9629.	10357.	12000.	14571.
	23714.	55629.	67929.	77014.	109586.	138143.	141571.	151286.	147429.	161143.
	189857.	190571.	174857.	172143.	137714.	131571.	118714.	99286.	84429.	83571.
	107714.	102143.								
1981	42571.	40143.	33543.	27486.	22557.	19714.	14143.	14143.	13714.	10429.
	8429.	7286.	6929.	6857.	7429.	8071.	8143.	8571.	8857.	7571.
	6714.	6071.	6000.	6000.	6214.	6571.	7214.	8000.	9143.	13429.
	39857.	85714.	92857.	86171.	105971.	99400.	94129.	116714.	120857.	102600.
	152900.	188857.	171286.	165714.	162714.	206714.	133857.	115571.	97457.	69414.
	56100.	48186.								
1982	30457.	27586.	31114.	48257.	25657.	21286.	17571.	14143.	13000.	12286.
	12000.	11429.	11000.	10286.	9286.	8857.	8500.	8071.	7571.	7071.
	7000.	6500.	5857.	5500.	5000.	5000.	5000.	5071.	5714.	6786.
	9714.	27000.	55100.	61329.	70271.	103457.	103629.	108257.	126000.	101486.
	102729.	107000.	138143.	131000.	104571.	93929.	81286.	80857.	82857.	94143.
	174571.	104857.								
1983	54957.	36271.	28829.	22286.	18857.	16857.	15143.	13714.	12286.	11000.
	9943.	9086.	8914.	10000.	8486.	7857.	7800.	7600.	7686.	8600.
	9229.	8429.	7600.	7057.	6771.	6600.	6543.	6443.	6886.	9257.
	19786.	54829.	80286.	68714.	87286.	107857.	77143.	106571.	122143.	117714.
	111714.	99271.	90614.	95200.	145143.	113457.	89814.	84929.	73629.	49714.
	42171.	46829.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 6

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1950	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1951	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1952	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1953	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1954	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1955	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1956	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 6 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1957	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1958	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1959	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1960	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1961	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1962	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1963	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 6 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1964	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1965	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1966	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1967	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1968	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1969	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1970	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 6 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1971	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1972	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1973	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1974	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1975	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1976	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1977	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 6 (Continued)

OBSERVED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1978	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1979	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1980	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
1981	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	14600.	40714.	42857.	34114.	49114.	45257.	43229.	52300.	60214.	54143.
	111570.	97171.	87043.	92029.	82914.	103657.	77000.	60971.	44243.	33757.
	27857.	24857.								
1982	17214.	16000.	16214.	18571.	9929.	8414.	7271.	5771.	4914.	4429.
	4043.	3914.	3657.	3000.	3500.	3500.	3500.	3514.	3829.	3214.
	2814.	2700.	2700.	2700.	2800.	3386.	3357.	3300.	3514.	4529.
	6557.	15914.	31000.	35000.	46400.	65386.	55857.	63100.	69257.	51500.
	57886.	59386.	78257.	67214.	49800.	45043.	38500.	40171.	37829.	41971.
	76157.	46571.								
1983	26100.	19400.	14814.	12300.	10443.	9143.	8214.	7286.	6786.	6214.
	5929.	5500.	5729.	6514.	5443.	4843.	4671.	4600.	4514.	4943.
	4786.	4186.	3829.	3486.	3243.	3114.	3157.	3286.	3900.	5514.
	9829.	23214.	40200.	37000.	49700.	56386.	45271.	56800.	63300.	63443.
	58943.	47871.	48071.	52071.	75200.	64386.	49200.	53514.	45200.	27000.
	21571.	25057.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), and filled with -1.0 for the missing data

TABLE 7

FILLED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1950	8746.	5587.	4075.	2796.	2457.	2091.	1749.	1558.	1260.	1270.
	1515.	1350.	1264.	1270.	1110.	1033.	958.	960.	924.	797.
	799.	782.	668.	542.	570.	672.	673.	678.	747.	838.
	1717.	6388.	13480.	12551.	16555.	14766.	19411.	25280.	21124.	22905.
	25701.	26929.	30826.	27857.	21206.	22830.	21840.	18969.	15508.	23138.
	18338.	14648.								
1951	8678.	6755.	4656.	3264.	2548.	1904.	1712.	1679.	1621.	1570.
	1420.	1335.	1380.	1529.	1381.	1606.	1638.	1433.	1472.	1367.
	1335.	1048.	890.	849.	908.	921.	865.	1043.	1586.	2319.
	4206.	9440.	8929.	7848.	12522.	18626.	27405.	20491.	23376.	26665.
	31764.	31158.	26221.	23825.	22668.	17480.	13811.	18063.	19399.	12291.
	10264.	10804.								
1952	6398.	4879.	3686.	3597.	4070.	3040.	2406.	2180.	1983.	2081.
	2143.	2090.	1950.	1668.	1503.	1550.	1511.	1376.	951.	922.
	813.	886.	936.	998.	1112.	1217.	1234.	1085.	1116.	1526.
	2098.	2824.	4098.	5684.	18380.	20528.	31294.	26354.	27048.	26303.
	24402.	26112.	24981.	29598.	25195.	22739.	18064.	17905.	18826.	15772.
	10990.	17884.								
1953	10594.	9626.	6386.	3565.	2895.	2375.	2068.	2109.	1601.	1098.
	1218.	1317.	1278.	1232.	1202.	1150.	1091.	1061.	995.	1010.
	981.	964.	994.	945.	937.	896.	882.	1076.	1523.	2385.
	5103.	10436.	10695.	20557.	16613.	19928.	23487.	21692.	24246.	21929.
	20163.	20297.	20202.	22020.	20951.	17144.	17831.	17281.	21774.	16652.
	9932.	8152.								
1954	5012.	4514.	3372.	2531.	1689.	1656.	1965.	1880.	1625.	1455.
	1536.	1591.	1362.	1263.	1240.	1235.	1222.	1202.	1167.	1198.
	1071.	1140.	1105.	1083.	975.	897.	880.	825.	984.	959.
	2780.	3895.	10746.	10299.	12053.	15300.	20796.	25498.	25742.	24009.
	25058.	22864.	21319.	31411.	26408.	26353.	21985.	19865.	12242.	9842.
	7973.	5451.								
1955	4123.	3748.	3686.	3468.	3448.	2739.	2198.	2172.	2025.	1677.
	1713.	1670.	1666.	1849.	1654.	1439.	1366.	1078.	938.	869.
	864.	814.	815.	865.	842.	1012.	1180.	1170.	1203.	1302.
	2376.	3850.	3632.	7752.	8663.	13747.	22368.	21333.	24447.	27952.
	33501.	33024.	27643.	25953.	24546.	19811.	14906.	16615.	15571.	17491.
	14095.	15585.								
1956	9176.	7010.	5061.	3451.	2278.	1750.	2020.	2002.	1868.	1490.
	1585.	1694.	1879.	1563.	1363.	1233.	1202.	1126.	1041.	1196.
	1078.	1127.	1089.	1118.	1063.	1031.	954.	905.	972.	789.
	1766.	6989.	7915.	12435.	14472.	22974.	29458.	27686.	27315.	23989.
	28473.	29985.	29230.	25594.	21568.	20087.	18663.	14873.	17035.	17766.
	22183.	19168.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 7 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1957	7232.	5325.	3296.	2916.	2915.	2356.	2029.	1971.	1775.	1458.
	1560.	1578.	1583.	1347.	1529.	1564.	1643.	1504.	1376.	1219.
	1217.	1287.	1245.	1228.	1242.	1304.	1203.	1049.	1201.	1141.
	2299.	4316.	4291.	8375.	14426.	21474.	23708.	28545.	25256.	26898.
	29751.	29983.	26333.	24723.	23798.	26785.	22352.	17406.	11017.	9843.
	7776.	8209.								
1958	5543.	4791.	3563.	3746.	3048.	3475.	2461.	2351.	2432.	2153.
	1989.	1796.	1553.	1353.	1367.	1196.	1226.	1188.	1147.	1084.
	1214.	1330.	1384.	1449.	1362.	1229.	1330.	1234.	1762.	2336.
	4923.	16999.	27115.	31776.	24625.	20843.	26750.	22539.	25013.	25180.
	23617.	26270.	29843.	40438.	36689.	42503.	26750.	21600.	13714.	16277.
	13651.	14163.								
1959	8926.	6493.	4799.	3084.	2409.	2235.	1960.	1540.	1356.	1134.
	1045.	1363.	1283.	1249.	1349.	1194.	1202.	1242.	1184.	950.
	947.	958.	920.	957.	1052.	1111.	1123.	1215.	1550.	2125.
	3128.	6224.	15992.	13254.	13164.	14469.	12170.	17883.	23840.	22915.
	23457.	25708.	22033.	21254.	20547.	26094.	35342.	26759.	15540.	9929.
	6758.	5341.								
1960	7071.	5329.	3286.	3773.	3071.	2357.	2200.	2143.	1957.	1700.
	1700.	1700.	1700.	1286.	1500.	1429.	1400.	1314.	1200.	1143.
	1000.	996.	990.	959.	880.	880.	900.	900.	1071.	1100.
	2700.	6914.	11541.	21471.	23971.	14714.	16371.	17457.	21243.	23671.
	19500.	22000.	26057.	27800.	25000.	20286.	14000.	13243.	7776.	15126.
	14571.	14529.								
1961	8797.	5834.	3981.	3014.	2314.	2100.	1971.	1800.	1829.	1900.
	1857.	1600.	1600.	1429.	1400.	1471.	1500.	1329.	1100.	1100.
	1100.	1036.	950.	1021.	1200.	1200.	1500.	1500.	1671.	1700.
	2900.	8829.	12714.	11743.	12386.	12343.	21886.	25600.	24643.	26243.
	23457.	26586.	32129.	30429.	30857.	19300.	26314.	17329.	15614.	22471.
	14914.	13469.								
1962	10121.	5790.	4486.	3786.	3000.	2800.	2457.	2000.	1857.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	970.	930.	930.	930.	930.	940.	940.	1334.	1400.
	2686.	3200.	6299.	11550.	15486.	13386.	24471.	23000.	23000.	25000.
	25000.	26686.	30000.	31714.	20171.	18529.	17914.	26157.	23200.	12011.
	8539.	10793.								
1963	6379.	3996.	2424.	1957.	1686.	1600.	1514.	1400.	1429.	1500.
	1514.	1600.	1600.	1600.	1600.	1600.	1600.	1471.	1300.	1300.
	1300.	1159.	970.	901.	730.	730.	650.	650.	736.	750.
	1714.	2100.	10614.	17000.	24771.	15914.	14843.	16157.	22157.	28914.
	34000.	32429.	23000.	19000.	16429.	19000.	19714.	19143.	14000.	11143.
	10000.	11429.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 7 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1964	10874.	10000.	7971.	4800.	3829.	3100.	2414.	1500.	1357.	1000.
	1000.	1000.	1000.	1086.	1100.	971.	920.	877.	820.	820.
	820.	799.	770.	770.	770.	770.	900.	1071.	1214.	1300.
	1371.	1429.	1500.	3643.	15714.	45000.	39857.	38143.	37000.	24000.
	25714.	26143.	21000.	25686.	19586.	19900.	22143.	15857.	12443.	9000.
	7800.	8191.								
1965	5977.	9479.	4403.	3700.	3086.	2900.	2900.	2900.	2671.	2100.
	2100.	2100.	2100.	1671.	1600.	1600.	1600.	1514.	1400.	1400.
	1400.	1357.	1300.	1300.	1300.	1300.	1400.	1400.	1400.	1400.
	2257.	2600.	7971.	12000.	15286.	16571.	18143.	22886.	21700.	20043.
	25557.	24471.	22300.	24957.	23771.	31029.	20257.	11914.	20971.	21857.
	17886.	33129.								
1966	9400.	9400.	3871.	2950.	2190.	1620.	1620.	1620.	1543.	1350.
	1350.	1350.	1350.	1221.	1200.	1200.	1200.	1157.	1100.	1100.
	1100.	1100.	1100.	1100.	1100.	1100.	1300.	1300.	1300.	1300.
	1871.	2100.	4043.	5500.	6914.	21800.	23571.	23157.	21643.	18757.
	21314.	25857.	28257.	28829.	26543.	23814.	34843.	22286.	13571.	13143.
	12571.	10426.								
1967	8000.	5429.	3936.	2514.	1914.	1743.	1671.	1600.	1557.	1500.
	1500.	1500.	1500.	1500.	1500.	1471.	1400.	1371.	1300.	1271.
	1200.	1200.	1100.	1029.	1000.	986.	921.	900.	900.	1043.
	2043.	5700.	15286.	17571.	20143.	18571.	24000.	27100.	34286.	32043.
	29271.	44914.	38200.	30914.	26357.	52000.	34600.	21286.	16900.	14571.
	10639.	8586.								
1968	5181.	3971.	3159.	2286.	1871.	1757.	1671.	1571.	1500.	1486.
	1400.	1386.	1300.	1300.	1271.	1200.	1200.	1200.	1200.	1200.
	1200.	1200.	1200.	1171.	1100.	1100.	1171.	1200.	1329.	1543.
	2157.	3561.	8383.	18700.	22257.	22729.	34314.	33886.	27286.	30943.
	32943.	26586.	32329.	23243.	26143.	21943.	19100.	13443.	9493.	9024.
	6330.	5289.								
1969	3824.	3267.	2514.	2371.	1857.	1557.	1457.	1400.	1300.	1200.
	1157.	1100.	1071.	1000.	1000.	964.	950.	929.	900.	900.
	900.	879.	850.	836.	800.	800.	864.	964.	1286.	1900.
	2757.	4094.	5097.	8736.	9073.	10569.	17700.	24471.	24300.	23957.
	23771.	19557.	17986.	16386.	17214.	9071.	7571.	7991.	8563.	7300.
	6051.	5587.								
1970	5509.	5681.	4571.	3229.	2843.	2186.	1771.	1571.	1400.	1343.
	1300.	1300.	1300.	1214.	1200.	1200.	1200.	1200.	1200.	1171.
	1100.	1100.	1100.	1100.	1100.	1100.	1129.	1243.	1414.	1757.
	2614.	5417.	9829.	13457.	16571.	15143.	24857.	19000.	20714.	22857.
	25286.	26600.	26614.	32700.	28557.	21286.	25143.	18443.	17214.	13000.
	9453.	6220.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 7 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1971	4771.	4229.	3543.	3114.	3000.	2714.	2057.	1814.	1629.	1500.
	1429.	1343.	1300.	1214.	1200.	1100.	1029.	979.	950.	950.
	950.	950.	950.	936.	900.	943.	950.	950.	993.	1000.
	1314.	2400.	3800.	5729.	9714.	14000.	20257.	19686.	38257.	28429.
	33543.	30471.	19657.	21429.	31571.	27600.	19929.	15829.	15929.	12857.
	8950.	7551.								
1972	5514.	8671.	5100.	3514.	2857.	2400.	2129.	1900.	1714.	1557.
	1443.	1386.	1300.	1257.	1200.	1200.	1100.	1100.	1100.	1029.
	1000.	1000.	979.	950.	900.	900.	893.	850.	850.	893.
	2414.	9214.	8071.	10786.	18929.	12800.	19243.	20643.	18186.	24700.
	33143.	23486.	23486.	23286.	22157.	21743.	22900.	13929.	14114.	18771.
	9894.	7331.								
1973	5076.	3802.	5625.	4311.	2935.	2454.	2301.	1883.	1992.	2055.
	1877.	2007.	1718.	1398.	1272.	1248.	1204.	1245.	1193.	1139.
	1107.	1040.	916.	944.	856.	797.	726.	866.	870.	1190.
	1770.	4144.	13496.	13449.	12248.	15345.	24457.	25956.	24565.	22054.
	25189.	19301.	19572.	18061.	19459.	12985.	21226.	19399.	14787.	10724.
	6249.	3118.								
1974	3903.	2259.	1764.	1909.	1640.	1495.	1553.	1469.	1573.	1403.
	1299.	1085.	1151.	1034.	1034.	1000.	987.	1007.	1073.	1084.
	1082.	1069.	1061.	979.	941.	941.	912.	920.	927.	1218.
	2061.	4075.	4533.	7282.	11035.	9972.	13423.	16703.	22307.	23428.
	24684.	24808.	22432.	20480.	22507.	19633.	13950.	20217.	17578.	10463.
	8418.	9900.								
1975	5561.	4583.	2769.	2627.	2280.	1751.	1573.	1423.	1613.	1465.
	1412.	1513.	1499.	1437.	1322.	1128.	1037.	1180.	1072.	894.
	920.	950.	848.	907.	932.	852.	920.	917.	888.	1097.
	1656.	2016.	8351.	12919.	19277.	19693.	20543.	23130.	25422.	27378.
	33610.	30893.	22061.	21668.	25546.	22945.	14643.	14029.	13203.	13074.
	12008.	9397.								
1976	5862.	5881.	3914.	2639.	2195.	1670.	1633.	1458.	1510.	1377.
	1344.	1242.	1248.	1205.	1164.	1111.	1150.	1139.	1164.	1440.
	1322.	1326.	1302.	1095.	1101.	1117.	1088.	1203.	1654.	2103.
	5318.	15467.	11477.	12269.	16088.	25163.	31280.	23826.	29573.	26818.
	30060.	32081.	29086.	26548.	24911.	24142.	25751.	17574.	11949.	10078.
	10724.	11969.								
1977	7683.	6367.	4544.	4647.	3513.	2954.	2666.	2343.	2431.	2041.
	1603.	1742.	1816.	1769.	1619.	1477.	1409.	1223.	1208.	1102.
	1230.	1171.	1152.	1113.	1068.	1066.	1147.	1067.	1039.	1018.
	1528.	2419.	4942.	8749.	17334.	30894.	38416.	34197.	38378.	29431.
	32289.	36728.	31670.	28862.	30309.	31882.	37001.	19400.	16499.	15885.
	14207.	13425.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 7 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR CHULITNA RIVER NEAR TALKEETNA

1978	7388.	7055.	5218.	4357.	4192.	3743.	2423.	2130.	2094.	1951.
	1899.	1799.	1904.	1993.	1703.	1685.	1521.	1446.	1296.	1197.
	1081.	986.	1005.	985.	893.	1010.	1219.	1123.	1205.	1514.
	2178.	5681.	6890.	6228.	7670.	13314.	21107.	18167.	21629.	25831.
	25126.	29249.	28384.	30033.	29259.	26851.	19865.	15145.	17882.	13942.
	10558.	7895.								
1979	5359.	4532.	3777.	2798.	2759.	2711.	2260.	2127.	2080.	2002.
	1973.	1780.	1751.	1505.	1680.	1501.	1459.	1293.	1242.	1105.
	1156.	1151.	995.	1084.	1030.	1114.	1141.	1210.	1279.	2100.
	3648.	8348.	12392.	12871.	16951.	14662.	17983.	19191.	25503.	26914.
	30926.	38726.	33996.	33021.	30937.	32570.	25079.	15883.	9073.	9235.
	8001.	7909.								
1980	6348.	7251.	4162.	3443.	2893.	2895.	2708.	1975.	2157.	1656.
	1448.	1520.	1397.	1274.	1332.	1258.	1229.	1140.	1179.	1102.
	1103.	1189.	1062.	1024.	895.	988.	959.	1052.	1102.	1425.
	2347.	2273.	2165.	3456.	7768.	12234.	14032.	19056.	24853.	24070.
	27270.	27150.	27978.	23036.	17819.	13927.	13593.	11263.	10227.	9215.
	11910.	10084.								
1981	7357.	6397.	5313.	4479.	3830.	3543.	3171.	2971.	2743.	2457.
	2043.	1800.	1657.	1657.	1643.	1600.	1600.	1557.	1500.	1400.
	1371.	1300.	1229.	1200.	1100.	1100.	1000.	1000.	1100.	2014.
	5271.	10133.	10280.	8847.	16357.	21457.	22243.	22086.	24614.	18486.
	36057.	35229.	30700.	36500.	33486.	42600.	25043.	24700.	18786.	11334.
	9760.	7711.								
1982	5210.	4914.	4629.	5057.	3343.	2857.	2257.	1729.	1443.	1300.
	1214.	1200.	1129.	1100.	1086.	1000.	993.	950.	950.	850.
	829.	800.	757.	750.	779.	864.	979.	1000.	1057.	1171.
	1714.	4343.	6143.	8914.	10936.	16714.	15886.	18157.	24014.	21371.
	23000.	22400.	33314.	27100.	22743.	21271.	17957.	16871.	12786.	15157.
	30529.	17257.								
1983	8773.	6057.	4507.	3614.	3143.	2771.	2471.	2257.	2114.	1957.
	1829.	1743.	1793.	2079.	1750.	1486.	1286.	1136.	1050.	1000.
	1036.	1050.	1050.	1050.	1050.	1050.	1000.	1000.	1143.	1607.
	2543.	5014.	11771.	11671.	13714.	15300.	14800.	19986.	26086.	26829.
	22857.	20514.	19757.	21557.	31271.	22100.	17929.	17657.	16657.	10686.
	8306.	7986.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 8

FILLED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1950	3007.	1794.	1335.	1485.	1446.	1302.	1035.	984.	774.	841.
	904.	769.	744.	752.	615.	612.	590.	534.	573.	445.
	372.	295.	288.	289.	323.	364.	392.	417.	444.	546.
	689.	1410.	3289.	3775.	6735.	6595.	6560.	11800.	8144.	8557.
	9996.	11252.	12560.	11627.	11507.	9367.	8231.	7078.	6017.	6241.
	6235.	4412.								
1951	2679.	2254.	1898.	1249.	1005.	803.	723.	793.	888.	816.
	759.	576.	474.	572.	612.	615.	645.	650.	566.	478.
	462.	394.	369.	381.	332.	315.	314.	335.	426.	641.
	861.	1718.	2382.	2577.	3060.	6534.	7127.	4051.	6135.	7013.
	9304.	9313.	8047.	8681.	9670.	8139.	7061.	8268.	8059.	5625.
	4796.	6155.								
1952	4012.	3107.	2406.	2208.	1956.	1867.	1579.	1414.	1236.	1078.
	1195.	1178.	1079.	893.	787.	733.	673.	560.	502.	484.
	420.	330.	370.	352.	346.	412.	404.	351.	356.	398.
	491.	789.	1443.	2837.	12439.	17064.	19899.	18460.	19675.	17484.
	14177.	19085.	16758.	18975.	14479.	10416.	8082.	7818.	6520.	4662.
	4898.	10887.								
1953	7249.	6884.	4157.	2539.	1935.	1588.	1414.	1593.	1477.	1102.
	989.	961.	954.	813.	687.	663.	582.	486.	417.	400.
	369.	331.	336.	326.	359.	408.	438.	482.	739.	1138.
	3806.	6496.	6144.	11842.	11749.	15801.	14082.	10550.	10448.	7556.
	8771.	8983.	9617.	10329.	8604.	6557.	8257.	8761.	8760.	10667.
	8925.	6669.								
1954	3474.	2856.	2541.	1729.	861.	921.	834.	803.	668.	723.
	681.	646.	597.	577.	567.	600.	499.	466.	402.	391.
	372.	357.	307.	322.	345.	396.	425.	381.	487.	465.
	1299.	1585.	3098.	3050.	4584.	6563.	7846.	6727.	8060.	7256.
	7198.	7036.	8740.	12430.	13818.	14585.	14189.	9880.	6739.	8794.
	9814.	7662.								
1955	3319.	3076.	2837.	2415.	2017.	1506.	1270.	1130.	898.	832.
	805.	836.	714.	699.	692.	566.	601.	570.	526.	485.
	454.	430.	392.	468.	473.	502.	541.	489.	487.	459.
	816.	1451.	2283.	4363.	4319.	7216.	10120.	12331.	14489.	14473.
	14749.	13737.	12337.	10485.	10249.	10607.	9999.	8572.	8582.	10085.
	7099.	7800.								
1956	3578.	2877.	2040.	1924.	1220.	832.	825.	903.	885.	720.
	643.	580.	600.	597.	594.	538.	510.	514.	477.	480.
	418.	436.	456.	444.	454.	476.	465.	471.	506.	520.
	813.	2026.	3046.	6748.	8910.	11608.	17186.	11699.	10381.	9279.
	9761.	11644.	11665.	11371.	9720.	5912.	3418.	3810.	3475.	5346.
	5983.	3364.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 8 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1957	2264.	2406.	1855.	1605.	1532.	1307.	1132.	916.	968.	855.
	913.	1007.	1101.	1024.	1005.	895.	810.	728.	585.	522.
	526.	501.	552.	560.	544.	488.	493.	501.	513.	675.
	1333.	2524.	3631.	6153.	13760.	11682.	12095.	10181.	7896.	8734.
	8259.	8582.	9625.	8672.	9121.	12060.	10202.	5555.	4249.	5688.
	5433.	7988.								
1958	4533.	2838.	2347.	2221.	1962.	2000.	1887.	1366.	1399.	1413.
	1210.	1091.	1071.	986.	802.	681.	633.	608.	549.	549.
	555.	606.	691.	736.	673.	656.	696.	765.	986.	1376.
	2744.	5532.	5825.	8740.	10047.	11843.	15608.	11337.	11081.	8109.
	6703.	7266.	8298.	12021.	11720.	8905.	7947.	5140.	4352.	6036.
	4410.	6773.								
1959	4496.	4673.	3941.	2887.	2062.	1973.	1636.	1233.	1164.	821.
	713.	819.	824.	810.	725.	721.	768.	703.	661.	603.
	594.	541.	495.	525.	572.	561.	583.	598.	782.	1107.
	1243.	2066.	6640.	7515.	7643.	8148.	6724.	8428.	12025.	9321.
	9149.	10174.	10873.	11972.	10378.	12680.	27846.	14832.	11106.	8572.
	5310.	4922.								
1960	4684.	3579.	2274.	2075.	1763.	1501.	1336.	1108.	1282.	976.
	973.	824.	788.	740.	763.	674.	594.	552.	572.	556.
	520.	497.	540.	478.	483.	486.	411.	408.	420.	461.
	955.	1789.	3287.	5953.	8142.	4877.	5091.	7464.	7048.	8685.
	7870.	6963.	11980.	15092.	16174.	13972.	13243.	7980.	5266.	10613.
	6077.	6815.								
1961	5057.	3810.	3429.	2479.	1570.	1558.	1490.	1111.	1089.	1174.
	1120.	1113.	1203.	1113.	926.	917.	906.	804.	703.	667.
	674.	705.	623.	602.	570.	472.	568.	696.	651.	888.
	1017.	1622.	3694.	4521.	5315.	5754.	8949.	9400.	9078.	6741.
	7236.	7847.	9272.	8425.	11451.	10199.	9809.	5626.	4351.	4388.
	3676.	5779.								
1962	4585.	2261.	2718.	2613.	2156.	1611.	1432.	1404.	1295.	1109.
	1077.	1059.	1052.	894.	819.	823.	835.	735.	684.	617.
	621.	556.	564.	513.	473.	492.	545.	600.	663.	719.
	902.	1225.	2764.	6056.	11220.	9136.	14384.	16624.	14069.	10488.
	11070.	10814.	13302.	12806.	10639.	8151.	6732.	5261.	4947.	3050.
	2619.	3007.								
1963	2405.	2214.	2429.	2000.	1416.	1210.	1096.	1001.	1113.	1080.
	983.	1063.	892.	787.	686.	640.	588.	480.	485.	472.
	453.	413.	311.	342.	371.	433.	456.	460.	423.	383.
	613.	930.	3619.	6728.	10984.	8111.	7827.	7856.	8562.	11480.
	16775.	19916.	13828.	10672.	8265.	6991.	7653.	4799.	3918.	4216.
	2033.	2476.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 8 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1964	2110.	1601.	1482.	1117.	979.	990.	850.	789.	821.	709.
	693.	632.	632.	625.	629.	606.	575.	537.	520.	509.
	485.	448.	402.	416.	407.	411.	441.	515.	499.	570.
	795.	1337.	2192.	3671.	16186.	34135.	25956.	23834.	19490.	12516.
	15855.	15425.	10246.	10369.	8304.	8269.	7193.	4821.	3835.	3279.
	3639.	4144.								
1965	3669.	4089.	2827.	2343.	1900.	1790.	1653.	1550.	1421.	1100.
	1100.	1100.	1100.	774.	720.	720.	720.	677.	620.	620.
	620.	586.	540.	540.	540.	540.	580.	580.	580.	580.
	851.	1043.	2057.	4209.	11061.	8701.	10423.	12394.	12357.	11363.
	14729.	13771.	10146.	9706.	9801.	17586.	10886.	6071.	7857.	8609.
	9974.	18286.								
1966	7613.	4840.	3550.	2700.	2091.	1717.	1427.	1199.	1046.	950.
	897.	844.	790.	764.	740.	709.	677.	637.	581.	527.
	477.	430.	399.	390.	390.	393.	400.	400.	414.	450.
	590.	1137.	2049.	3231.	5911.	20300.	13311.	10743.	9133.	6956.
	10316.	8746.	11424.	17200.	11184.	9704.	9977.	7707.	5881.	6073.
	5407.	4651.								
1967	3606.	2889.	2151.	1429.	1100.	936.	879.	850.	807.	800.
	757.	736.	700.	693.	650.	636.	600.	600.	579.	550.
	514.	500.	497.	477.	457.	440.	426.	420.	420.	429.
	663.	2113.	3979.	6206.	7186.	6657.	8686.	11014.	11499.	9501.
	9229.	18214.	14514.	10947.	10106.	22886.	14929.	9447.	12066.	18889.
	5106.	4133.								
1968	2656.	2276.	1824.	1586.	1450.	1329.	1257.	1186.	1093.	1050.
	1000.	966.	926.	897.	871.	846.	823.	803.	791.	780.
	760.	760.	746.	740.	740.	740.	751.	811.	956.	1250.
	1793.	3157.	7486.	16286.	14429.	13571.	18200.	14500.	10643.	13000.
	12714.	9429.	10497.	9117.	8077.	6739.	7610.	6667.	5671.	4840.
	3313.	3006.								
1969	2081.	1813.	1514.	1329.	1129.	943.	807.	707.	643.	600.
	571.	550.	514.	497.	471.	446.	440.	431.	420.	400.
	389.	380.	380.	380.	380.	380.	380.	391.	464.	723.
	1121.	1947.	2833.	8287.	4347.	4003.	5647.	5466.	6063.	6050.
	7966.	7250.	6531.	7174.	5994.	3037.	2257.	2209.	2660.	2141.
	1783.	1943.								
1970	1906.	1586.	1343.	1114.	1043.	829.	721.	693.	650.	600.
	600.	586.	550.	543.	500.	500.	494.	480.	466.	460.
	449.	440.	440.	440.	440.	440.	440.	451.	537.	686.
	879.	1954.	4486.	5347.	6841.	5711.	8329.	6629.	11733.	11106.
	8197.	11307.	10471.	10971.	10206.	7694.	8866.	6593.	5743.	8257.
	6484.	4271.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 8 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR TALKHEETNA RIVER NEAR TALKHEETNA

1971	3871.	3089.	2600.	2057.	1971.	1871.	1629.	1471.	1329.	1200.
	1114.	1100.	986.	893.	750.	657.	564.	500.	483.	466.
	443.	400.	400.	400.	400.	409.	434.	454.	501.	579.
	693.	971.	1620.	3121.	4669.	12734.	23586.	19471.	24414.	12743.
	12714.	13571.	9000.	11214.	31329.	18071.	10571.	8214.	9643.	6071.
	4457.	4429.								
1972	3171.	3057.	2571.	2071.	1743.	1514.	1300.	1129.	993.	929.
	864.	800.	764.	750.	750.	729.	700.	700.	664.	636.
	600.	557.	514.	489.	460.	431.	400.	434.	503.	664.
	864.	1400.	2243.	4463.	11996.	10363.	11911.	15057.	11943.	12186.
	12614.	10877.	12000.	13143.	10406.	9026.	9577.	6771.	9571.	12757.
	7887.	6167.								
1973	4754.	3417.	4190.	2801.	2000.	1571.	1314.	1200.	1000.	971.
	900.	850.	814.	800.	779.	750.	700.	700.	664.	650.
	650.	607.	600.	586.	550.	550.	500.	529.	571.	650.
	893.	1514.	4679.	5453.	6776.	8549.	14106.	17057.	10631.	9206.
	7891.	6166.	7353.	7801.	9411.	6843.	14757.	9714.	5429.	3843.
	3171.	3034.								
1974	2556.	2006.	1586.	1343.	1157.	1029.	950.	886.	836.	793.
	750.	736.	700.	693.	650.	650.	621.	600.	586.	550.
	550.	507.	500.	500.	471.	450.	450.	450.	514.	643.
	1021.	2177.	3991.	8333.	13087.	8343.	7923.	7104.	7816.	6963.
	7467.	8086.	8500.	7863.	7679.	7550.	5573.	10094.	6446.	3786.
	3374.	5444.								
1975	2616.	2411.	1657.	1514.	1286.	1086.	957.	886.	821.	800.
	793.	750.	750.	707.	700.	700.	700.	650.	614.	586.
	550.	550.	514.	500.	500.	500.	500.	500.	507.	557.
	643.	943.	3257.	5481.	11976.	13371.	10870.	14314.	13886.	11929.
	14686.	12586.	10009.	10297.	23629.	8664.	7694.	5781.	5869.	10081.
	9630.	7817.								
1976	4483.	3497.	2706.	1557.	1129.	886.	757.	643.	600.	571.
	550.	550.	550.	550.	550.	514.	500.	491.	480.	480.
	480.	480.	480.	474.	460.	460.	460.	494.	600.	786.
	1586.	3857.	3227.	3813.	5079.	10677.	15029.	8876.	8763.	8041.
	9137.	10283.	8949.	9169.	8519.	10206.	18540.	4786.	3293.	3164.
	3274.	3431.								
1977	2200.	1943.	1791.	1661.	1400.	1187.	916.	889.	1371.	1286.
	1114.	964.	857.	816.	726.	657.	663.	603.	566.	549.
	531.	520.	517.	500.	500.	500.	567.	520.	540.	586.
	679.	1414.	3409.	5773.	12801.	18400.	23457.	17229.	14157.	8503.
	8654.	11574.	8981.	9156.	8313.	8544.	8526.	5249.	4320.	5821.
	7257.	7486.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 8 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR TALKEETNA RIVER NEAR TALKEETNA

1978	4516.	3686.	3314.	2229.	1571.	1229.	1071.	987.	937.	893.
	861.	844.	829.	801.	774.	750.	713.	654.	601.	569.
	553.	529.	506.	486.	470.	464.	470.	493.	533.	601.
	726.	1821.	3714.	3984.	4331.	6736.	8373.	7281.	8114.	10236.
	10237.	10420.	12157.	10466.	8441.	7437.	5697.	4286.	4764.	3966.
	3060.	2914.								
1979	2087.	1573.	1641.	1449.	1359.	1277.	1114.	1014.	1000.	986.
	950.	914.	871.	821.	789.	757.	729.	700.	674.	649.
	631.	620.	609.	583.	560.	540.	544.	550.	576.	943.
	2114.	4353.	6080.	8864.	18814.	15014.	10677.	9006.	11491.	12749.
	11900.	19714.	14443.	13229.	9397.	7163.	6859.	5717.	3035.	3347.
	4769.	5013.								
1980	3919.	4763.	2930.	2340.	2204.	1996.	2219.	1086.	1150.	893.
	850.	850.	850.	843.	800.	800.	800.	800.	771.	750.
	731.	700.	700.	700.	700.	700.	743.	800.	879.	1471.
	2200.	3014.	4541.	5801.	8714.	11429.	11286.	10857.	12857.	11471.
	15286.	13700.	14329.	12794.	8227.	7021.	6669.	4643.	3361.	5066.
	9066.	5050.								
1981	3344.	2914.	2486.	2014.	1586.	1400.	1000.	991.	937.	781.
	680.	680.	680.	669.	660.	660.	653.	583.	534.	530.
	530.	530.	530.	534.	560.	560.	560.	566.	633.	819.
	1500.	4826.	5881.	3796.	6324.	5180.	5546.	6631.	8913.	7646.
	18376.	19457.	17400.	18657.	11871.	17943.	13089.	9197.	6059.	4359.
	3524.	3753.								
1982	2481.	2316.	2306.	2500.	1629.	1436.	1307.	1059.	891.	783.
	709.	663.	464.	557.	650.	650.	650.	651.	641.	464.
	329.	264.	260.	260.	270.	360.	440.	430.	436.	553.
	816.	1793.	3471.	4450.	7990.	13829.	11511.	12857.	13626.	7511.
	8521.	8889.	15706.	11760.	7610.	6566.	5983.	6943.	7149.	8774.
	15043.	8820.								
1983	5361.	3837.	3029.	1971.	1457.	1314.	1214.	1200.	1100.	1100.
	1100.	1064.	1043.	1136.	927.	777.	681.	603.	554.	564.
	607.	599.	579.	567.	554.	550.	540.	540.	607.	850.
	1400.	2671.	5193.	6056.	8647.	9373.	7414.	9276.	8934.	10039.
	9760.	7400.	7880.	7734.	11679.	9121.	6943.	6801.	5353.	3386.
	2900.	4393.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 9

FILLED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1950	6180.	3685.	3074.	1872.	1532.	1668.	1710.	1481.	1104.	1150.
	1083.	783.	886.	779.	723.	749.	662.	746.	665.	673.
	792.	861.	696.	586.	553.	543.	621.	608.	531.	485.
	1028.	4867.	7665.	9803.	13748.	13717.	13284.	19463.	16336.	15204.
	18653.	20828.	25872.	20303.	15991.	12149.	12468.	10437.	7495.	8462.
	8939.	9438.								
1951	8235.	7312.	4957.	3305.	1904.	1100.	1238.	1196.	1080.	1275.
	1196.	1145.	1049.	923.	799.	957.	994.	1025.	1137.	1083.
	1037.	767.	657.	638.	597.	758.	766.	1025.	1331.	2352.
	4580.	4605.	3048.	4193.	5961.	12786.	15767.	10917.	13880.	16816.
	19270.	15886.	13940.	12352.	9844.	8307.	9441.	9456.	13119.	10589.
	9602.	7752.								
1952	5747.	6022.	3684.	3427.	3152.	2564.	1694.	1630.	1628.	1351.
	1249.	1467.	1222.	1140.	1003.	1208.	939.	900.	652.	676.
	641.	653.	683.	780.	924.	740.	654.	479.	407.	426.
	549.	826.	1196.	2995.	10936.	19042.	28258.	23930.	24957.	20513.
	18378.	20391.	23299.	21410.	15881.	14635.	10824.	7713.	10938.	8348.
	8848.	13587.								
1953	6602.	6609.	5295.	3403.	3265.	3029.	2130.	2258.	2215.	1673.
	1500.	1648.	1266.	1327.	1159.	1117.	1279.	1017.	1159.	1161.
	927.	859.	773.	602.	570.	574.	643.	638.	955.	1277.
	2890.	5580.	7554.	11466.	10855.	10526.	13513.	11923.	12333.	12080.
	13487.	13701.	13299.	15541.	19256.	13609.	13009.	13937.	14424.	15430.
	17301.	9791.								
1954	5477.	5359.	6470.	5186.	3645.	2942.	2275.	2152.	1701.	1532.
	1676.	1245.	1148.	902.	1087.	900.	1054.	1023.	1173.	1030.
	1101.	935.	882.	821.	704.	605.	658.	611.	967.	821.
	3030.	2849.	5104.	5975.	7468.	11090.	12789.	13027.	15802.	13381.
	13805.	11800.	12308.	18480.	17367.	16975.	13920.	10329.	8718.	7557.
	6760.	4660.								
1955	4094.	5384.	5507.	4793.	3506.	2579.	1666.	1480.	1320.	1098.
	1028.	1092.	993.	1207.	1236.	1119.	1192.	1273.	1046.	866.
	770.	661.	704.	616.	713.	862.	945.	936.	813.	900.
	1257.	1758.	1791.	4687.	7340.	12284.	15650.	17641.	17224.	20877.
	20678.	18188.	19832.	13728.	19517.	18140.	14339.	10607.	10636.	10874.
	7526.	10791.								
1956	7590.	10460.	11772.	7721.	4094.	2620.	2467.	2255.	1772.	1279.
	1354.	1125.	1331.	1430.	1638.	1394.	1218.	1293.	1126.	1281.
	1078.	1088.	862.	904.	722.	663.	957.	828.	802.	737.
	2085.	5537.	4180.	6471.	10108.	21874.	28584.	26751.	22620.	22270.
	26540.	20809.	19381.	16125.	14497.	15813.	9909.	7427.	8468.	9087.
	9884.	10301.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 9 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1957	5233.	5554.	5018.	3634.	2672.	2452.	3099.	1660.	1391.	1347.
	1150.	1074.	1043.	821.	915.	906.	790.	822.	860.	731.
	928.	936.	803.	838.	950.	977.	765.	704.	784.	800.
	1542.	1770.	3303.	9513.	12355.	20806.	22892.	21467.	12614.	13103.
	11415.	12667.	13278.	12809.	11509.	9382.	9687.	9996.	10361.	8953.
	9594.	11523.								
1958	6138.	9130.	5455.	4137.	3135.	4932.	3358.	2172.	1892.	1778.
	1608.	1299.	1111.	1265.	1495.	1245.	1169.	1017.	1084.	924.
	1223.	1263.	1269.	1250.	899.	813.	1070.	1018.	1384.	1309.
	1689.	2323.	3641.	6000.	6514.	9161.	13258.	12497.	11642.	17506.
	14825.	14270.	13787.	18697.	13818.	12284.	8915.	5591.	5017.	6576.
	5958.	5801.								
1959	6007.	5413.	5272.	4111.	3230.	3880.	2499.	1757.	1504.	1030.
	1034.	1086.	1040.	711.	780.	702.	689.	724.	771.	813.
	888.	716.	720.	637.	591.	655.	814.	857.	1065.	1310.
	2293.	3615.	9190.	12706.	12085.	12871.	13866.	14361.	13682.	14028.
	14879.	17591.	12709.	11216.	10452.	9926.	13877.	12169.	7768.	5334.
	5205.	3350.								
1960	4200.	4200.	3086.	2900.	2400.	2000.	1871.	1700.	1614.	1400.
	1400.	1400.	1400.	1229.	1200.	1057.	1000.	991.	980.	969.
	940.	923.	900.	869.	790.	790.	780.	780.	874.	890.
	3540.	4600.	11114.	16000.	15143.	13000.	12900.	14000.	14000.	17000.
	15286.	14000.	17057.	21429.	18686.	15143.	12286.	10071.	7536.	11403.
	9729.	9466.								
1961	6277.	4529.	3176.	2371.	1843.	1700.	1614.	1500.	1557.	1700.
	1671.	1500.	1500.	1329.	1300.	1443.	1500.	1371.	1200.	1171.
	1100.	1057.	1000.	1086.	1300.	1300.	1600.	1600.	1771.	1800.
	3300.	9970.	15457.	12943.	11771.	12300.	20229.	21871.	20100.	15000.
	15000.	15857.	16000.	15429.	15000.	12776.	14957.	11714.	10014.	17643.
	11229.	9877.								
1962	10121.	5790.	4486.	3786.	3000.	2800.	2457.	2000.	1857.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	970.	930.	930.	930.	921.	940.	940.	1334.	1400.
	2686.	3200.	6299.	11550.	15486.	13386.	24471.	23000.	23000.	25000.
	25000.	26686.	30000.	31714.	20171.	18529.	17914.	26157.	23200.	12011.
	8539.	10793.								
1963	4174.	3514.	2243.	1786.	1486.	1400.	1271.	1100.	1100.	1100.
	1100.	1100.	1100.	1014.	1000.	1000.	1000.	919.	810.	810.
	810.	763.	700.	700.	700.	700.	650.	650.	650.	650.
	879.	2579.	6600.	13800.	15143.	11773.	12329.	17614.	14057.	19243.
	25343.	23457.	16857.	13757.	7903.	11743.	15404.	11074.	8980.	7449.
	5524.	7756.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 9 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1964	6961.	6884.	5506.	3286.	2266.	2000.	1614.	1100.	1026.	840.
	840.	840.	840.	951.	970.	970.	970.	876.	750.	750.
	750.	686.	600.	600.	600.	600.	720.	720.	926.	956.
	989.	1029.	1100.	2471.	10786.	30157.	27171.	26186.	24429.	15957.
	18243.	16843.	14114.	16386.	12371.	11714.	14043.	10769.	8276.	6200.
	5300.	5529.								
1965	4100.	6143.	3726.	4379.	2574.	1971.	1634.	1600.	1514.	1300.
	1300.	1300.	1300.	974.	920.	920.	920.	869.	800.	800.
	800.	774.	740.	740.	740.	740.	720.	720.	806.	820.
	1391.	1620.	5151.	7800.	11000.	15471.	16400.	14600.	21643.	18643.
	23929.	20514.	15057.	18071.	15914.	17457.	12193.	6956.	8121.	12057.
	12920.	22057.								
1966	7459.	4269.	3100.	2507.	1950.	1800.	1607.	1350.	1293.	1150.
	1150.	1150.	1150.	1107.	1100.	1100.	1100.	1100.	1100.	1100.
	1100.	1100.	1101.	1100.	1100.	1100.	1200.	1200.	1243.	1500.
	1929.	2586.	3800.	6071.	8469.	20243.	25214.	20400.	15457.	11863.
	11920.	14157.	18657.	13557.	27057.	13011.	17943.	13071.	8654.	9493.
	12586.	9574.								
1967	9809.	6753.	4746.	2500.	1686.	1400.	1400.	1400.	1257.	900.
	900.	900.	900.	746.	720.	720.	720.	690.	650.	650.
	650.	650.	650.	650.	650.	650.	780.	780.	780.	780.
	1080.	1200.	1543.	1886.	4314.	11066.	15757.	17143.	16029.	13629.
	16114.	15814.	14100.	14429.	16814.	20386.	13700.	11829.	13429.	9786.
	8429.	7429.								
1968	4829.	4567.	4387.	2343.	1900.	1686.	1543.	1443.	1329.	1271.
	1200.	1129.	1100.	957.	1014.	1000.	1000.	1000.	1000.	1000.
	1000.	979.	950.	950.	950.	950.	950.	950.	1100.	1814.
	3571.	7857.	13143.	19000.	22457.	19543.	25143.	21857.	16843.	18500.
	19143.	15243.	16871.	15129.	15300.	9837.	11439.	6304.	5150.	4949.
	2717.	2961.								
1969	3133.	2829.	1447.	814.	736.	700.	679.	650.	650.	650.
	643.	600.	600.	600.	600.	600.	600.	600.	600.	600.
	600.	600.	600.	614.	650.	650.	771.	1029.	1443.	2243.
	4043.	7836.	9296.	16714.	15857.	14857.	19729.	23486.	22000.	19271.
	15800.	11931.	9884.	9519.	12743.	6086.	4486.	4486.	4644.	4321.
	3736.	3750.								
1970	5466.	10314.	6440.	2119.	2894.	1746.	1243.	1029.	936.	871.
	843.	800.	800.	800.	786.	750.	750.	729.	700.	700.
	700.	679.	650.	650.	650.	650.	650.	650.	657.	821.
	1943.	4780.	12457.	17186.	20929.	23986.	23143.	20714.	23986.	25814.
	21214.	18714.	18786.	19100.	12886.	12357.	14029.	9647.	8757.	6374.
	6483.	5583.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 9 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1971	3514.	3069.	2857.	2500.	2300.	2257.	2100.	1829.	1600.	1371.
	1214.	1100.	993.	921.	900.	867.	814.	786.	750.	736.
	700.	650.	636.	600.	600.	600.	600.	600.	600.	614.
	700.	979.	1957.	9029.	17971.	18443.	23329.	19129.	43929.	25514.
	26129.	19829.	14986.	13443.	21186.	17500.	13714.	10571.	9544.	5399.
	5247.	4056.								
1972	3257.	5090.	2500.	1843.	1514.	1400.	1329.	1271.	1200.	1171.
	1100.	1100.	1029.	1000.	1000.	1000.	979.	954.	914.	900.
	893.	850.	843.	800.	800.	786.	750.	750.	700.	721.
	1514.	6829.	6171.	8514.	18571.	10357.	18714.	16186.	14729.	18800.
	22314.	13757.	13671.	14500.	13171.	14614.	15586.	8601.	14189.	12044.
	6677.	5560.								
1973	3323.	2286.	8567.	4464.	3314.	2714.	2300.	1971.	1700.	1514.
	1343.	1229.	1129.	1029.	971.	900.	829.	800.	729.	700.
	664.	650.	607.	600.	600.	600.	614.	657.	729.	843.
	1171.	3953.	9716.	8140.	7574.	9179.	14471.	22414.	16929.	14771.
	14357.	11543.	14186.	13114.	10089.	6833.	12876.	8231.	6296.	6347.
	6720.	6091.								
1974	5599.	3680.	2971.	2486.	2114.	1886.	1686.	1543.	1400.	1400.
	1229.	1200.	1200.	1171.	1000.	1000.	986.	950.	929.	900.
	886.	850.	850.	800.	800.	779.	750.	750.	821.	1343.
	2857.	4500.	5626.	8091.	13814.	9586.	10017.	9283.	12486.	14543.
	9717.	10976.	11311.	11857.	10931.	12019.	8759.	10469.	12679.	11079.
	13357.	10951.								
1975	4621.	4664.	4140.	5127.	4007.	3200.	2057.	1486.	1171.	1000.
	914.	900.	829.	800.	800.	800.	800.	779.	750.	750.
	750.	750.	750.	750.	750.	750.	750.	750.	757.	800.
	886.	1557.	8200.	12271.	17114.	19086.	15471.	20657.	21443.	20157.
	25214.	19814.	15486.	13729.	12143.	14857.	9827.	8140.	7129.	8089.
	11140.	8917.								
1976	5467.	5510.	5233.	3450.	2657.	2200.	1914.	1714.	1543.	1400.
	1257.	1200.	1171.	1000.	1000.	1000.	929.	900.	900.	900.
	900.	857.	800.	800.	800.	800.	800.	857.	1043.	1743.
	7429.	9786.	8286.	8429.	8714.	12429.	19286.	14286.	16143.	14286.
	15286.	15571.	14129.	15114.	13086.	10199.	9769.	7230.	5141.	4939.
	11986.	12146.								
1977	7773.	5644.	6480.	5829.	3686.	3057.	2800.	2657.	2600.	2800.
	2829.	2900.	3000.	3086.	2986.	2857.	2657.	2357.	2043.	1814.
	1629.	1400.	1257.	1200.	1186.	1100.	1100.	1114.	1200.	1314.
	1743.	3914.	7871.	11371.	23829.	41886.	41829.	31229.	33343.	28214.
	25943.	25457.	21871.	21500.	23900.	23671.	20200.	11821.	10033.	11120.
	10211.	11354.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 9 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SKWENTNA RIVER NEAR SKWENTNA

1978	6979.	7729.	5647.	3914.	3114.	2614.	2314.	2143.	1929.	1743.
	1557.	1429.	1400.	1329.	1257.	1200.	1157.	1057.	997.	936.
	900.	900.	879.	850.	814.	797.	774.	774.	880.	1343.
	3414.	9857.	10593.	9616.	10119.	11900.	16686.	13071.	14557.	19157.
	19486.	18157.	15729.	19286.	18114.	13500.	10423.	8350.	7810.	9781.
	7220.	6050.								
1979	3880.	6523.	5783.	4041.	3250.	2180.	1100.	1000.	1286.	1757.
	1671.	1514.	1343.	1243.	1200.	1171.	1100.	1100.	1100.	1000.
	1000.	1000.	1000.	980.	977.	960.	963.	1040.	1300.	2386.
	5429.	10160.	11057.	12686.	18486.	16486.	15143.	13743.	13829.	16986.
	14800.	16643.	15771.	14543.	16971.	23957.	13529.	9531.	5400.	6649.
	8330.	10683.								
1980	6657.	13196.	6357.	3881.	4644.	6443.	4396.	2643.	2671.	2429.
	2229.	2114.	2014.	1943.	1871.	1771.	1671.	1600.	1743.	1643.
	1557.	1457.	1400.	1329.	1300.	1357.	1457.	1564.	1829.	2557.
	4659.	9609.	11657.	13557.	19600.	24971.	24386.	23557.	27657.	27014.
	33271.	29071.	28543.	17971.	17114.	14857.	11914.	9764.	7813.	8543.
	9661.	10371.								
1981	7203.	6629.	4964.	4357.	3857.	3186.	2471.	2200.	2143.	1857.
	1529.	1264.	1150.	1150.	1150.	1193.	1293.	1500.	1486.	1186.
	1150.	1043.	949.	900.	900.	921.	1236.	1564.	1993.	2800.
	9000.	22429.	25857.	23214.	28986.	22714.	19686.	29586.	24900.	15914.
	21029.	26000.	23514.	20229.	24200.	18186.	11371.	8336.	10121.	7180.
	8127.	6340.								
1982	3896.	3733.	5200.	8429.	3286.	2729.	2314.	1857.	1657.	1571.
	1500.	1443.	1400.	1300.	1200.	1143.	1100.	1057.	1000.	1000.
	979.	921.	850.	793.	714.	700.	700.	694.	729.	879.
	1286.	3643.	7100.	6500.	6929.	14357.	15086.	15229.	21686.	12829.
	14186.	14229.	14086.	13800.	10857.	10900.	9456.	9244.	10890.	11717.
	27729.	13249.								
1983	7023.	5463.	4062.	3488.	3190.	2752.	1617.	1570.	1323.	1428.
	1761.	1720.	1930.	1662.	1453.	1287.	1202.	1222.	1231.	1305.
	1324.	1072.	1280.	997.	1042.	1065.	1406.	1395.	1582.	2523.
	3830.	3446.	3902.	9359.	16007.	17727.	21770.	30070.	24594.	19661.
	16987.	13302.	14015.	16112.	15066.	10514.	11722.	9694.	8203.	5290.
	4299.	7898.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 10

FILLED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1950	12856.	5740.	4200.	3800.	3343.	2986.	2514.	2471.	1700.	1700.
	1586.	1314.	1129.	1014.	979.	986.	1100.	1100.	971.	686.
	629.	710.	711.	666.	720.	801.	774.	783.	849.	1009.
	2314.	8007.	13671.	14200.	17914.	17100.	16571.	26171.	19343.	19957.
	21229.	23214.	25243.	25100.	23129.	21157.	17443.	13171.	9263.	10500.
	7100.	7186.								
1951	5257.	4686.	4091.	2334.	1471.	1386.	1300.	1229.	1171.	1100.
	1100.	1100.	1100.	980.	960.	960.	960.	900.	820.	820.
	820.	786.	740.	740.	740.	740.	774.	997.	1529.	2657.
	6157.	17329.	19271.	9567.	16671.	29543.	21300.	13543.	19071.	20729.
	24343.	23286.	21414.	21429.	17614.	18714.	18314.	25600.	30057.	18671.
	19286.	18657.								
1952	9229.	6171.	4486.	3486.	3500.	3204.	2369.	2343.	2186.	1900.
	1900.	1900.	1900.	1643.	1600.	1600.	1600.	1343.	1000.	1000.
	1000.	949.	880.	880.	880.	880.	920.	920.	920.	920.
	1191.	1514.	2071.	4486.	21929.	24814.	35143.	38114.	33729.	27629.
	19629.	25086.	27186.	37243.	25071.	19686.	14943.	17329.	18886.	12771.
	11029.	15086.								
1953	11143.	10390.	7233.	5271.	5000.	4257.	2729.	3343.	2429.	1700.
	1700.	1700.	1700.	1186.	1100.	1100.	1100.	980.	820.	820.
	820.	820.	820.	820.	820.	820.	930.	930.	1504.	2500.
	14129.	16814.	15300.	26386.	20743.	35114.	27114.	22071.	25829.	20229.
	18271.	19871.	20657.	25643.	21857.	17514.	18029.	21500.	18786.	17114.
	14271.	12426.								
1954	8119.	6733.	4940.	3937.	2401.	2271.	2100.	1957.	1786.	1500.
	1500.	1500.	1500.	1329.	1300.	1300.	1300.	1171.	1000.	1000.
	1000.	906.	780.	780.	780.	780.	870.	870.	1496.	1600.
	6743.	12286.	19900.	22814.	21571.	25457.	24457.	23457.	28514.	24486.
	19529.	19000.	19000.	31143.	24000.	24000.	24000.	23000.	16286.	14000.
	13057.	9581.								
1955	6500.	6109.	4600.	4600.	3686.	3000.	2829.	2500.	2414.	2200.
	2157.	1900.	1900.	1986.	2000.	1714.	1600.	1514.	1400.	1400.
	1400.	1271.	1100.	1100.	1100.	1100.	1200.	1200.	1200.	1200.
	3557.	4500.	5257.	15743.	17429.	20329.	33143.	35957.	33671.	34186.
	28557.	22043.	26357.	22614.	20900.	21443.	26071.	37243.	19671.	15029.
	12214.	10993.								
1956	7236.	5327.	4339.	3737.	2486.	2100.	1929.	1700.	1586.	1300.
	1300.	1300.	1300.	1026.	980.	980.	980.	976.	970.	970.
	970.	957.	940.	940.	940.	940.	950.	950.	950.	950.
	2514.	11400.	16271.	32371.	21686.	33457.	43543.	31971.	28186.	29057.
	31686.	32000.	31229.	31429.	28771.	26000.	20729.	17714.	16000.	22429.
	21857.	16000.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 10 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1957	7200.	7200.	4886.	4500.	3757.	3200.	3071.	2900.	2757.	2400.
	2329.	1900.	1900.	1729.	1700.	1700.	1700.	1614.	1500.	1500.
	1500.	1371.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.
	3414.	5757.	9400.	21057.	30914.	37443.	33086.	29357.	20100.	23214.
	21329.	23914.	25943.	20957.	20943.	20829.	19100.	21143.	18914.	20643.
	20071.	22029.								
1958	10333.	8864.	7230.	7454.	5429.	4521.	3870.	3181.	3586.	4314.
	3680.	2744.	2229.	2429.	2129.	1857.	1757.	1457.	1443.	1300.
	1200.	1200.	1200.	1171.	1100.	1100.	1200.	1343.	1457.	1766.
	3990.	7883.	11014.	20971.	22057.	28000.	28000.	24143.	22000.	22000.
	22000.	22000.	21571.	38686.	27529.	20443.	16571.	11557.	8500.	8500.
	6600.	7543.								
1959	5991.	5271.	5043.	3500.	2986.	2600.	2214.	1700.	1529.	1100.
	1214.	1900.	1900.	1557.	1500.	1429.	1400.	1400.	1400.	1343.
	1200.	1106.	980.	980.	980.	980.	1000.	1000.	1429.	1500.
	2857.	4543.	19400.	27486.	22329.	26029.	19443.	23171.	25929.	26400.
	25343.	27457.	21686.	23886.	18629.	23914.	44171.	43171.	28700.	14829.
	11137.	12007.								
1960	10714.	7400.	4071.	5086.	3486.	3000.	2871.	2700.	2557.	2200.
	2200.	2200.	2200.	2029.	2000.	1786.	1700.	1614.	1500.	1471.
	1400.	1357.	1300.	1243.	1100.	1100.	1100.	1100.	1443.	1500.
	5857.	7600.	14686.	22857.	24286.	14357.	14886.	15414.	16943.	22929.
	17000.	19557.	26814.	32043.	25429.	22471.	21714.	20857.	18314.	28943.
	20514.	17557.								
1961	12529.	9100.	6471.	4714.	3586.	3300.	3043.	2700.	2757.	2900.
	2843.	2500.	2500.	2414.	2400.	2471.	2500.	2200.	1800.	1771.
	1700.	1614.	1500.	1671.	2100.	2100.	2500.	2500.	2757.	2800.
	7229.	12714.	22000.	20957.	19814.	18971.	30986.	38714.	32529.	23000.
	24143.	25000.	25900.	25643.	26000.	22200.	21071.	15657.	12429.	14100.
	13429.	15457.								
1962	10429.	4600.	4600.	4600.	3514.	2700.	2700.	2700.	2529.	2100.
	2100.	2100.	2100.	1929.	1900.	1900.	1900.	1729.	1500.	1500.
	1500.	1457.	1400.	1400.	1400.	1400.	1700.	1700.	1700.	1700.
	3700.	4500.	12214.	18000.	28471.	30286.	58743.	50229.	35557.	27186.
	26543.	23129.	27186.	26057.	23000.	23000.	23000.	23429.	23571.	14886.
	12057.	13871.								
1963	9150.	6967.	6071.	5486.	3700.	2800.	2800.	2800.	2571.	2000.
	2000.	2000.	2000.	1657.	1600.	1600.	1600.	1557.	1500.	1500.
	1500.	1286.	1000.	1000.	1000.	1000.	830.	830.	830.	830.
	2666.	3400.	19171.	31000.	35686.	26000.	26000.	26000.	26000.	31143.
	40257.	38143.	32571.	27800.	25143.	21814.	23071.	19543.	15143.	13543.
	10829.	10979.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 10 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1964	8897.	7491.	6129.	4643.	2886.	2600.	2300.	1900.	1843.	1700.
	1643.	1300.	1300.	1129.	1100.	1029.	1000.	1000.	1000.	980.
	930.	861.	770.	739.	660.	660.	710.	710.	770.	780.
	866.	1043.	1400.	3099.	28990.	75029.	51529.	43000.	31100.	25371.
	26143.	24671.	16929.	19757.	18729.	15100.	16100.	13600.	11354.	9253.
	9304.	9106.								
1965	7677.	8591.	5623.	4473.	3080.	2836.	2807.	3129.	2033.	1370.
	1221.	1110.	1110.	981.	960.	960.	960.	917.	860.	860.
	860.	877.	900.	900.	900.	900.	1180.	1180.	1489.	1540.
	2011.	5386.	9371.	16886.	33643.	21971.	23471.	22429.	33004.	30357.
	30614.	28514.	24729.	22229.	19671.	30386.	20371.	11343.	16849.	20700.
	18943.	25043.								
1966	15086.	8387.	3929.	3250.	2764.	2264.	2000.	1907.	1829.	1714.
	1657.	1590.	1530.	1419.	1400.	1400.	1400.	1357.	1300.	1300.
	1300.	1300.	1300.	1300.	1300.	1300.	1500.	1500.	1971.	2050.
	3014.	3886.	7200.	13800.	21657.	47686.	34129.	28829.	24329.	18643.
	17757.	18586.	21029.	28014.	22914.	18843.	22829.	18300.	12836.	12514.
	12371.	10314.								
1967	6990.	4687.	3544.	2400.	1729.	1600.	1600.	1600.	1571.	1500.
	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1457.	1400.	1400.
	1400.	1314.	1200.	1200.	1200.	1200.	1100.	1100.	1179.	1300.
	1743.	4929.	17143.	23986.	28829.	26571.	34814.	29014.	28386.	21557.
	21471.	29857.	34800.	27100.	25043.	54871.	30600.	20614.	29071.	17157.
	12471.	10831.								
1968	6851.	5703.	4460.	3400.	2857.	2429.	2300.	2214.	2171.	2100.
	2100.	2014.	2000.	2000.	2000.	2000.	1971.	1900.	1900.	1900.
	1900.	1900.	1900.	1900.	1900.	1900.	1871.	1800.	1885.	2014.
	2243.	2943.	13086.	33843.	27543.	26457.	36829.	37343.	27185.	29429.
	26786.	25857.	24986.	22214.	20143.	16757.	15143.	13429.	11271.	11291.
	7210.	6309.								
1969	5061.	4370.	3366.	2987.	2543.	1971.	1500.	1314.	1086.	950.
	900.	850.	807.	771.	750.	700.	700.	700.	700.	714.
	750.	750.	779.	800.	843.	871.	957.	1129.	1471.	2086.
	3400.	6013.	11434.	20057.	12069.	12800.	16314.	17871.	16229.	13929.
	17629.	18114.	15143.	13386.	14286.	7399.	6001.	5593.	6303.	5511.
	4726.	4536.								
1970	3940.	3709.	3249.	2193.	1714.	1429.	1129.	1000.	936.	900.
	857.	850.	850.	850.	850.	814.	800.	800.	800.	750.
	750.	750.	750.	764.	800.	800.	850.	936.	1071.	1300.
	1943.	4614.	16343.	14757.	18129.	16971.	16371.	15500.	26100.	25029.
	21000.	22500.	21514.	26429.	22871.	17671.	19971.	13786.	11897.	9466.
	9643.	6143.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 10 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1971	7017.	5857.	4771.	4057.	4000.	3800.	3457.	3057.	2743.	2571.
	2400.	2200.	1971.	1743.	1557.	1414.	1243.	1157.	1100.	1000.
	1000.	979.	950.	950.	950.	950.	964.	1000.	1086.	1214.
	1457.	1900.	2800.	4943.	8714.	22857.	47186.	28657.	39586.	24471.
	24900.	28700.	18671.	24357.	44743.	40000.	24529.	19471.	22857.	14586.
	11029.	10939.								
1972	7744.	6939.	5267.	4343.	3600.	3257.	3086.	2914.	2771.	2600.
	2600.	2400.	2400.	2400.	2200.	2200.	2200.	2200.	2086.	2000.
	2000.	1914.	1886.	1800.	1800.	1771.	1700.	1700.	1629.	1700.
	3386.	19571.	19286.	26886.	44243.	24471.	43457.	38057.	25729.	25371.
	25357.	22600.	18429.	20243.	21729.	19929.	20600.	13786.	13186.	18029.
	13286.	6857.								
1973	4786.	4429.	6143.	4557.	3114.	2543.	2171.	2000.	1743.	1600.
	1429.	1400.	1400.	1229.	1200.	1200.	1200.	1200.	1200.	1200.
	1200.	1114.	1000.	1000.	1000.	1000.	1000.	1000.	1000.	1057.
	1400.	2686.	9200.	12671.	15714.	20214.	33700.	36443.	23943.	21057.
	20129.	15229.	16429.	17657.	21029.	16757.	21800.	23171.	12814.	8942.
	7551.	7010.								
1974	5636.	4539.	3130.	2371.	1914.	1643.	1514.	1386.	1271.	1143.
	1029.	979.	950.	907.	900.	864.	850.	829.	800.	786.
	750.	750.	750.	736.	700.	700.	700.	729.	879.	1400.
	2571.	6586.	12286.	27429.	31357.	19557.	16700.	15614.	16671.	16943.
	21057.	19314.	18571.	17714.	18686.	15986.	12651.	17130.	16614.	9314.
	9413.	14154.								
1975	5503.	5469.	2914.	1943.	1700.	1700.	1700.	1700.	1686.	1600.
	1600.	1600.	1600.	1586.	1500.	1500.	1500.	1500.	1500.	1500.
	1443.	1400.	1400.	1400.	1400.	1400.	1400.	1414.	1543.	1829.
	2843.	6857.	15071.	23029.	30500.	36400.	27343.	34357.	30714.	27500.
	29900.	28343.	25929.	24200.	19486.	18614.	16429.	14157.	11743.	19886.
	18629.	17943.								
1976	10286.	9071.	8357.	4929.	3429.	2457.	1871.	1486.	1271.	1143.
	1100.	1057.	1000.	1000.	1000.	964.	950.	950.	950.	950.
	950.	929.	900.	900.	900.	900.	900.	943.	1171.	1957.
	4957.	13943.	13400.	14014.	16129.	27700.	29843.	21014.	20300.	19329.
	19286.	18386.	18857.	21714.	27714.	20571.	15800.	11183.	7729.	6330.
	6367.	7750.								
1977	4831.	3943.	3760.	3337.	2943.	2714.	2543.	2400.	2886.	2714.
	2457.	2257.	2086.	1957.	1900.	1800.	1757.	1700.	1629.	1600.
	1600.	1557.	1500.	1500.	1500.	1500.	1600.	1600.	1686.	1771.
	1971.	3457.	12514.	19200.	29200.	34957.	46300.	37943.	33857.	21714.
	24143.	25514.	21229.	22286.	21329.	19514.	19729.	12514.	10363.	14671.
	14071.	13534.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 10 (Continued)

FILLED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUSITNA STATION

1978	8829.	8957.	7871.	5871.	4486.	3829.	3450.	3200.	2964.	2757.
	2636.	2557.	2364.	2236.	2107.	2000.	1921.	1807.	1700.	1650.
	1650.	1600.	1600.	1600.	1600.	1621.	1650.	1650.	1650.	1743.
	3643.	12557.	17143.	11600.	12371.	15386.	21371.	18286.	22786.	22314.
	20729.	20957.	20557.	20214.	19114.	17771.	14829.	10686.	11214.	10109.
	7599.	6481.								
1979	5416.	6069.	4901.	3679.	3577.	3126.	2343.	2057.	1971.	1900.
	1729.	1557.	1500.	1457.	1400.	1400.	1400.	1300.	1300.	1300.
	1300.	1200.	1200.	1200.	1200.	1200.	1200.	1257.	1386.	1743.
	2743.	5143.	12000.	19143.	31671.	27486.	23071.	20829.	25771.	26371.
	26086.	31757.	32457.	26514.	24800.	20029.	17057.	15171.	9447.	9203.
	13543.	12254.								
1980	7890.	10014.	7034.	5197.	4871.	4424.	4929.	3529.	3357.	2743.
	2471.	2257.	2043.	1914.	1829.	1729.	1643.	1600.	1529.	1457.
	1400.	1400.	1400.	1400.	1400.	1400.	1400.	1400.	1471.	2000.
	4143.	9714.	13914.	12443.	19843.	32143.	25329.	32800.	28614.	31343.
	31800.	33557.	30143.	33014.	23200.	21929.	19886.	14457.	10570.	11304.
	19000.	14186.								
1981	9849.	8779.	7303.	6019.	4657.	4211.	3143.	3200.	3200.	2314.
	1786.	1679.	1614.	1671.	1829.	2129.	2300.	2329.	2414.	2014.
	1600.	1500.	1500.	1600.	1629.	1650.	1700.	1771.	1886.	2443.
	5623.	20400.	20486.	13500.	21943.	18629.	16914.	18200.	21257.	17829.
	42086.	41143.	36700.	38600.	36157.	46729.	37029.	24971.	17986.	14500.
	12100.	11256.								
1982	7641.	7200.	7399.	8581.	4612.	3943.	3857.	3243.	2828.	2529.
	2385.	2300.	2300.	2300.	2300.	2300.	2300.	2314.	2357.	1721.
	1250.	1100.	1100.	1100.	1164.	1497.	1500.	1500.	1657.	2200.
	3386.	8100.	15000.	20143.	22714.	26143.	21857.	28857.	28000.	19500.
	24114.	24514.	27500.	23657.	16629.	14471.	12629.	14014.	13486.	16886.
	26557.	16729.								
1983	10429.	8201.	6669.	3914.	2971.	2786.	2643.	2471.	2400.	2300.
	2300.	2300.	2443.	2771.	2400.	2429.	2000.	1957.	1900.	2043.
	2086.	1957.	1814.	1700.	1643.	1514.	1500.	1529.	1786.	2414.
	4600.	11086.	19143.	17000.	24143.	27343.	19586.	23886.	23671.	25371.
	21857.	18243.	19714.	21014.	26586.	25414.	21757.	26671.	18957.	12586.
	10334.	11878.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 11

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1950	25443.	13566.	9936.	8355.	7492.	6595.	5478.	5183.	3861.	3940.
	4141.	3549.	3243.	3139.	2796.	2720.	2738.	2682.	2552.	1993.
	1861.	1848.	1724.	1548.	1668.	1899.	1901.	1942.	2109.	2474.
	4880.	16341.	31472.	31561.	42601.	39765.	43984.	65395.	50259.	53162.
	58856.	63477.	70956.	66774.	57735.	55163.	49125.	40548.	31832.	41231.
	32747.	27136.								
1951	17177.	14159.	11006.	7079.	5194.	4232.	3862.	3826.	3805.	3604.
	3390.	3113.	3054.	3185.	3053.	3289.	3353.	3084.	2955.	2755.
	2706.	2304.	2067.	2037.	2047.	2043.	2019.	2456.	3661.	5807.
	11605.	29453.	31619.	20670.	33347.	56558.	57725.	39376.	50229.	56252.
	67629.	65919.	57570.	55764.	51646.	45836.	40515.	53692.	59465.	37827.
	35510.	36824.								
1952	20305.	14637.	10937.	9606.	9849.	8386.	6569.	6138.	5588.	5231.
	5416.	5343.	5096.	4347.	4022.	4015.	3912.	3390.	2536.	2488.
	2309.	2238.	2260.	2306.	2417.	2594.	2645.	2436.	2473.	2940.
	3908.	5301.	7870.	13448.	54536.	64522.	89263.	85740.	83180.	73837.
	60181.	72666.	71262.	88726.	66940.	54633.	42482.	44512.	45732.	34331.
	27830.	45344.								
1953	29969.	27812.	18379.	11761.	10163.	8499.	6422.	7284.	5694.	4032.
	4039.	4113.	4065.	3341.	3090.	3012.	2867.	2613.	2308.	2306.
	2244.	2187.	2223.	2162.	2188.	2196.	2326.	2572.	3894.	6227.
	23819.	34890.	33229.	60778.	50770.	73245.	66876.	56154.	62575.	51400.
	48805.	50817.	52187.	59958.	53155.	42612.	45613.	49154.	50992.	45939.
	34251.	28171.								
1954	17168.	14581.	11221.	8475.	5119.	5012.	5065.	4797.	4217.	3803.
	3843.	3864.	3576.	3276.	3212.	3241.	3123.	2935.	2656.	2677.
	2526.	2484.	2266.	2259.	2171.	2143.	2249.	2146.	3068.	3127.
	11189.	18368.	34888.	37389.	39503.	48924.	54899.	57570.	64429.	57641.
	53541.	50558.	50722.	77526.	66404.	67140.	62214.	54533.	36463.	33742.
	31890.	23463.								
1955	14415.	13371.	11500.	10838.	9461.	7491.	6510.	5999.	5518.	4869.
	4834.	4555.	4425.	4688.	4493.	3845.	3688.	3269.	2961.	2847.
	2810.	2600.	2385.	2515.	2497.	2703.	3020.	2956.	2988.	3061.
	6978.	10133.	11551.	28802.	31442.	42692.	67856.	71981.	75069.	79208.
	79411.	71137.	68586.	61054.	57583.	53619.	52704.	64547.	45310.	44049.
	34541.	35544.								
1956	20668.	15730.	11828.	9421.	6187.	4841.	4936.	4761.	4486.	3629.
	3648.	3695.	3907.	3294.	3037.	2844.	2783.	2705.	2572.	2736.
	2550.	2605.	2569.	2587.	2540.	2530.	2449.	2405.	2510.	2336.
	5266.	21107.	28155.	53302.	46596.	70346.	93245.	73775.	68116.	64438.
	72291.	76125.	74569.	70713.	62095.	53762.	44261.	37631.	37748.	47085.
	51719.	39838.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 11 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1957	17262.	15437.	10377.	9327.	8482.	7096.	6443.	5983.	5686.	4873.
	4965.	4637.	4739.	4239.	4378.	4300.	4294.	3976.	3578.	3351.
	3353.	3266.	3099.	3089.	3087.	3093.	2994.	2843.	3013.	3118.
	7285.	13024.	17909.	36791.	61104.	72993.	71225.	70391.	55057.	60841.
	61351.	64597.	64000.	56195.	55688.	61697.	53405.	45599.	35339.	37400.
	34408.	39522.								
1958	21101.	17052.	13585.	13876.	10793.	10335.	8497.	7132.	7668.	8147.
	7112.	5822.	5018.	4930.	4444.	3861.	3739.	3363.	3245.	3032.
	3070.	3242.	3386.	3470.	3241.	3086.	3335.	3455.	4348.	5664.
	12052.	31445.	45444.	63572.	58652.	62743.	72743.	59986.	60064.	57164.
	54094.	57419.	61736.	94235.	78513.	74287.	53006.	39595.	27467.	31858.
	25497.	29445.								
1959	20071.	16994.	14250.	9792.	7710.	7039.	6007.	4625.	4186.	3159.
	3073.	4220.	4143.	3739.	3695.	3457.	3484.	3458.	3355.	2994.
	2834.	2693.	2476.	2545.	2692.	2742.	2798.	2908.	3889.	4892.
	7473.	13268.	43457.	49891.	44598.	50295.	39637.	51160.	63889.	60624.
	59914.	65486.	56443.	59048.	51234.	64813.	110999.	87636.	57222.	34460.
	23992.	23025.								
1960	23231.	16861.	9958.	11305.	8602.	7091.	6624.	6153.	5993.	5041.
	5038.	4884.	4847.	4192.	4408.	4021.	3819.	3598.	3383.	3277.
	3019.	2947.	2926.	2771.	2547.	2550.	2493.	2490.	3033.	3165.
	9834.	16856.	30515.	51986.	58311.	35099.	37580.	41703.	46768.	57159.
	45874.	50165.	67050.	77476.	68861.	58652.	50617.	43507.	32419.	56536.
	42558.	40220.								
1961	27277.	19379.	14352.	10553.	7723.	7194.	6725.	5801.	5867.	6177.
	6017.	5390.	5483.	5124.	4886.	5024.	5072.	4480.	3725.	3658.
	3592.	3469.	3177.	3406.	4001.	3900.	4723.	4855.	5251.	5571.
	11524.	23950.	39710.	38483.	38787.	38325.	63917.	76213.	68496.	57882.
	56695.	61448.	69583.	66684.	70624.	53452.	59133.	39921.	33492.	42348.
	33105.	35882.								
1962	25987.	13080.	12204.	11372.	8964.	7352.	6812.	6311.	5874.	4869.
	4836.	4817.	4810.	4293.	4155.	4159.	4172.	3758.	3292.	3223.
	3227.	3084.	2992.	2939.	2898.	2918.	3293.	3350.	3822.	3948.
	7535.	9228.	21998.	36813.	57048.	54598.	100907.	92899.	75088.	64799.
	64736.	62685.	72878.	72970.	55634.	51364.	49261.	56707.	53471.	30962.
	24002.	28609.								
1963	18542.	13624.	11294.	9763.	7033.	5800.	5593.	5377.	5286.	4735.
	4649.	4821.	4644.	4181.	4018.	3970.	3916.	3627.	3396.	3383.
	3363.	2955.	2358.	2319.	2172.	2236.	2002.	2006.	2056.	2030.
	5162.	6648.	34537.	56583.	73863.	51721.	50320.	51709.	58642.	73962.
	94118.	93556.	71752.	59421.	51527.	49426.	52148.	44959.	34182.	29882.
	23637.	25728.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 11 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1964	22623.	19739.	16110.	10918.	7955.	6917.	5753.	4331.	4157.	3525.
	3449.	3031.	3031.	2936.	2925.	2694.	2580.	2496.	2419.	2387.
	2311.	2179.	2008.	1990.	1899.	1903.	2121.	2374.	2567.	2740.
	3135.	3938.	5265.	10766.	62954.	159391.	121320.	108536.	90560.	63985.
	70008.	68485.	49808.	57704.	48200.	44736.	46976.	35440.	28569.	22262.
	21446.	22168.								
1965	17910.	22910.	13289.	10873.	8339.	7781.	7610.	7836.	6333.	4725.
	4571.	4456.	4456.	3542.	3391.	3391.	3391.	3213.	2978.	2978.
	2978.	2916.	2833.	2833.	2833.	2833.	3267.	3267.	3587.	3639.
	5293.	9335.	20057.	34217.	62024.	48845.	53801.	59666.	69345.	63857.
	73304.	69019.	59113.	58821.	55048.	81679.	53261.	30322.	47226.	52901.
	48390.	79050.								
1966	33187.	23394.	11735.	9202.	7284.	5791.	5218.	4886.	4568.	4150.
	4036.	3912.	3794.	3519.	3453.	3421.	3388.	3258.	3082.	3026.
	2975.	2926.	2894.	2885.	2885.	2888.	3308.	3308.	3810.	3929.
	5661.	7364.	13743.	23295.	35651.	92830.	73419.	64856.	56973.	45860.
	51061.	54992.	62768.	76553.	62697.	54136.	69943.	49930.	33434.	32806.
	31378.	26252.								
1967	19226.	13446.	9958.	6558.	4904.	4424.	4291.	4187.	4068.	3929.
	3884.	3863.	3825.	3818.	3774.	3729.	3619.	3544.	3390.	3330.
	3220.	3116.	2892.	2798.	2747.	2715.	2530.	2502.	2532.	2866.
	4600.	13174.	37642.	49382.	58062.	53555.	69789.	69404.	76686.	65240.
	62004.	96138.	90481.	71299.	63591.	134156.	82846.	53088.	60005.	52333.
	29173.	24348.								
1968	15186.	12355.	9763.	7519.	6387.	5702.	5405.	5140.	4926.	4793.
	4653.	4514.	4369.	4339.	4282.	4183.	4129.	4035.	4023.	4012.
	3991.	3991.	3976.	3940.	3867.	3867.	3922.	3940.	4312.	4970.
	6403.	9989.	29937.	71163.	66407.	64885.	92372.	88636.	67323.	75860.
	74899.	63970.	70111.	56424.	56206.	46980.	43272.	34676.	27331.	26008.
	17424.	15099.								
1969	11338.	9770.	7645.	6914.	5716.	4623.	3892.	3537.	3132.	2843.
	2717.	2585.	2473.	2345.	2296.	2182.	2161.	2130.	2088.	2082.
	2108.	2077.	2077.	2084.	2092.	2121.	2276.	2568.	3330.	4869.
	7525.	12463.	20021.	38337.	26353.	28300.	41006.	49429.	48172.	45426.
	51040.	46444.	41005.	38199.	38765.	20168.	16366.	16328.	18120.	15459.
	12986.	12475.								
1970	11740.	11348.	9474.	6758.	5790.	4595.	3744.	3375.	3087.	2939.
	2850.	2829.	2792.	2695.	2636.	2599.	2579.	2564.	2550.	2462.
	2377.	2368.	2368.	2382.	2419.	2419.	2501.	2719.	3124.	3870.
	5620.	12391.	31697.	34699.	42949.	39107.	51237.	42523.	60532.	60992.
	56330.	62455.	60586.	72477.	63724.	48233.	55810.	40138.	36036.	31765.
	26447.	17198.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 11 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1971	16190.	13622.	11284.	9541.	9275.	8669.	7385.	6557.	5894.	5450.
	5111.	4800.	4401.	3981.	3626.	3279.	2932.	2725.	2619.	2498.
	2474.	2408.	2378.	2364.	2326.	2380.	2428.	2486.	2667.	2888.
	3581.	5450.	8499.	14261.	23880.	51272.	94115.	70113.	105724.	67869.
	73570.	75208.	48933.	58933.	111293.	88576.	56895.	44989.	50071.	34650.
	25264.	23696.								
1972	16986.	19300.	13377.	10265.	8478.	7414.	6736.	6144.	5664.	5258.
	5073.	4741.	4615.	4556.	4291.	4269.	4136.	4136.	3981.	3789.
	3722.	3589.	3494.	3349.	3267.	3207.	3094.	3085.	3083.	3367.
	6890.	31208.	30604.	43564.	77716.	49249.	77141.	76258.	57752.	64368.
	73525.	58894.	55743.	58593.	56133.	52417.	54877.	35655.	38121.	51237.
	32120.	21045.								
1973	15112.	12043.	16499.	12065.	8322.	6791.	5982.	5255.	4896.	4783.
	4349.	4401.	4065.	3543.	3361.	3306.	3209.	3252.	3161.	3090.
	3057.	2855.	2601.	2616.	2488.	2427.	2301.	2476.	2524.	2995.
	4201.	8627.	28303.	32643.	35916.	45603.	74713.	82150.	61144.	54091.
	55013.	42076.	44824.	44994.	51591.	37825.	59742.	54057.	34150.	24306.
	17546.	13608.								
1974	12505.	9102.	6700.	5814.	4871.	4308.	4153.	3868.	3805.	3452.
	3182.	2895.	2896.	2723.	2672.	2599.	2541.	2519.	2542.	2502.
	2463.	2405.	2389.	2290.	2184.	2162.	2132.	2170.	2399.	3372.
	5845.	13273.	21516.	44503.	57360.	39156.	39336.	40758.	48381.	48939.
	55012.	53978.	51181.	47619.	50529.	44633.	33265.	49049.	42016.	24362.
	21924.	30550.								
1975	14144.	12886.	7589.	6290.	5445.	4691.	4373.	4145.	4260.	3996.
	3934.	3994.	3979.	3856.	3641.	3441.	3347.	3443.	3294.	3081.
	3012.	2998.	2856.	2902.	2928.	2845.	2916.	2927.	3038.	3601.
	5316.	10149.	27584.	42834.	63847.	71819.	60748.	74235.	72396.	69072.
	80847.	74257.	59965.	58069.	70989.	51926.	40080.	35119.	31860.	44500.
	41632.	36349.								
1976	21330.	19074.	15485.	9434.	6982.	5183.	4405.	3709.	3496.	3196.
	3096.	2946.	2893.	2848.	2806.	2677.	2688.	2667.	2682.	2967.
	2845.	2828.	2773.	2553.	2544.	2561.	2531.	2730.	3541.	5010.
	12263.	34395.	29057.	31116.	38560.	65694.	78734.	55537.	60624.	56025.
	60466.	62810.	58821.	59378.	63217.	56781.	62128.	34680.	23750.	20236.
	21055.	23935.								
1977	15213.	12668.	10437.	9972.	8122.	7087.	6333.	5823.	6915.	6246.
	5349.	5131.	4920.	4696.	4389.	4067.	3959.	3646.	3518.	3361.
	3475.	3358.	3276.	3219.	3172.	3170.	3426.	3295.	3376.	3489.
	4320.	7537.	21572.	34865.	61347.	87107.	111840.	92399.	89321.	61670.
	67293.	76319.	63978.	62349.	61984.	61972.	67468.	38423.	32239.	37610.
	36740.	35613.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 11 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT SUNSHINE

1978	21436.	20366.	16959.	12879.	10596.	8376.	7179.	6531.	6198.	5791.
	5579.	5376.	5270.	5201.	4739.	4585.	4296.	4039.	3719.	3532.
	3395.	3221.	3216.	3175.	3063.	3200.	3452.	3377.	3503.	3989.
	6769.	20739.	28688.	22552.	25198.	36637.	52575.	45217.	54310.	60360.
	57994.	62681.	63169.	62771.	58740.	53824.	41760.	31138.	35008.	28967.
	21936.	17876.								
1979	13298.	12587.	10669.	8195.	7956.	7355.	5911.	5374.	5222.	5054.
	4810.	4395.	4262.	3911.	4000.	3782.	3710.	3405.	3325.	3158.
	3192.	3072.	2899.	2964.	2885.	2951.	2983.	3119.	3351.	4948.
	8793.	18449.	31505.	42264.	69722.	59100.	53485.	50688.	64893.	68273.
	71248.	93255.	83639.	75231.	67342.	61788.	50656.	38018.	22286.	22524.
	27205.	26030.								
1980	18773.	22775.	14605.	11352.	10306.	9631.	10190.	6813.	6890.	5471.
	4931.	4784.	4435.	4168.	4095.	3915.	3796.	3660.	3597.	3421.
	3344.	3401.	3269.	3230.	3097.	3193.	3207.	3362.	3569.	5062.
	8985.	15510.	21319.	22436.	37557.	57698.	52364.	64839.	68573.	69152.
	76877.	76930.	74906.	71178.	50916.	44331.	41509.	31392.	24977.	26452.
	41331.	30314.								
1981	21247.	18703.	15614.	12936.	10415.	9464.	7562.	7405.	7113.	5740.
	4662.	4300.	4085.	4133.	4272.	4538.	4707.	4621.	4599.	4078.
	3620.	3443.	3369.	3447.	3401.	3422.	3371.	3450.	3742.	5455.
	14600.	40714.	42857.	34114.	49114.	45257.	43229.	52300.	60214.	54143.
	115700.	97171.	87043.	92029.	82914.	103657.	77000.	60971.	44243.	33757.
	27857.	24857.								
1982	17214.	16000.	16214.	18571.	9929.	8414.	7271.	5771.	4914.	4429.
	4043.	3914.	3657.	3000.	3500.	3500.	3500.	3514.	3829.	3214.
	2814.	2700.	2700.	2700.	2800.	3386.	3357.	3300.	3514.	4529.
	6557.	15914.	31000.	35000.	46400.	65386.	55857.	63100.	69257.	51500.
	57886.	59386.	78257.	67214.	49800.	45043.	38500.	40171.	37829.	41971.
	76157.	46571.								
1983	26100.	19400.	14814.	12300.	10443.	9143.	8214.	7286.	6786.	6214.
	5929.	5500.	5729.	6514.	5443.	4843.	4671.	4600.	4514.	4943.
	4786.	4186.	3829.	3486.	3243.	3114.	3157.	3286.	3900.	5514.
	9829.	23214.	40200.	37000.	49700.	56386.	45271.	56800.	63300.	63443.
	58943.	47871.	48071.	52071.	75200.	64386.	49200.	53514.	45200.	27000.
	21571.	25057.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 12

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT WATANA DAMSITE

1950	10810.	4827.	3532.	3195.	2811.	2511.	2114.	2078.	1430.	1430.
	1333.	1105.	949.	853.	823.	829.	925.	925.	817.	577.
	529.	597.	598.	560.	605.	674.	651.	658.	714.	848.
	1946.	6733.	11496.	11941.	15064.	14379.	13935.	22008.	16265.	16782.
	17851.	19521.	21227.	21107.	19449.	17791.	14668.	11076.	7789.	8830.
	5970.	6043.								
1951	4421.	3940.	3441.	1963.	1237.	1165.	1093.	1033.	985.	925.
	925.	925.	925.	824.	807.	807.	807.	757.	690.	690.
	690.	661.	622.	622.	622.	622.	651.	839.	1285.	2234.
	5178.	14572.	16205.	8045.	14019.	24843.	17911.	11388.	16037.	17431.
	20470.	19581.	18007.	18019.	14812.	15737.	15401.	21527.	25275.	15701.
	16217.	15689.								
1952	7760.	5190.	3772.	2931.	2943.	2695.	1992.	1970.	1838.	1598.
	1598.	1598.	1598.	1382.	1345.	1345.	1345.	1129.	841.	841.
	841.	798.	740.	740.	740.	740.	774.	774.	774.	774.
	1002.	1273.	1742.	3772.	18440.	20866.	29552.	32050.	28362.	23233.
	16506.	21095.	22861.	31318.	21083.	16554.	12566.	14572.	15881.	10740.
	9274.	12686.								
1953	9370.	8737.	6082.	4433.	4205.	3580.	2295.	2811.	2042.	1430.
	1430.	1430.	1430.	997.	925.	925.	925.	824.	690.	690.
	690.	690.	690.	690.	690.	690.	782.	782.	1265.	2102.
	11881.	14139.	12866.	22188.	17443.	29528.	22800.	18560.	21719.	17010.
	15364.	16710.	17371.	21563.	18380.	14728.	15160.	18079.	15797.	14391.
	12001.	10449.								
1954	6827.	5662.	4154.	3311.	2019.	1910.	1766.	1646.	1502.	1261.
	1261.	1261.	1261.	1117.	1093.	1093.	1093.	985.	841.	841.
	841.	762.	656.	656.	656.	656.	732.	732.	1258.	1345.
	5670.	10331.	16734.	19185.	18139.	21407.	20566.	19725.	23978.	20590.
	16422.	15977.	15977.	26188.	20182.	20182.	20182.	19341.	13695.	11773.
	10980.	8057.								
1955	5466.	5137.	3868.	3868.	3099.	2523.	2379.	2102.	2030.	1850.
	1814.	1598.	1598.	1670.	1682.	1442.	1345.	1273.	1177.	1177.
	1177.	1069.	925.	925.	925.	925.	1009.	1009.	1009.	1009.
	2991.	3784.	4421.	13238.	14656.	17094.	27870.	30236.	28314.	28747.
	24014.	18536.	22164.	19016.	17575.	18031.	21923.	31318.	16542.	12638.
	10271.	9244.								
1956	6085.	4480.	3648.	3143.	2090.	1766.	1622.	1430.	1333.	1093.
	1093.	1093.	1093.	863.	824.	824.	824.	821.	816.	816.
	816.	805.	790.	790.	790.	790.	799.	799.	799.	799.
	2114.	9586.	13683.	27221.	18236.	28134.	36615.	26885.	23701.	24434.
	26645.	26909.	26260.	26428.	24194.	21863.	17431.	14896.	13454.	18860.
	18380.	13454.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 12 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT WATANA DAMSITE

1957	6055.	6055.	4108.	3784.	3159.	2691.	2583.	2439.	2318.	2018.
	1958.	1598.	1598.	1454.	1430.	1430.	1430.	1358.	1261.	1261.
	1261.	1153.	1009.	1009.	1009.	1009.	1009.	1009.	1009.	1009.
	2871.	4841.	7905.	17707.	25996.	31486.	27822.	24686.	16902.	19521.
	17935.	20110.	21815.	17623.	17611.	17515.	16061.	17779.	15905.	17359.
	16878.	18524.								
1958	8689.	7454.	6080.	6268.	4565.	3802.	3254.	2675.	3015.	3628.
	3095.	2308.	1874.	2042.	1790.	1562.	1478.	1225.	1213.	1093.
	1009.	1009.	1009.	985.	925.	925.	1009.	1129.	1225.	1485.
	3355.	6629.	9262.	17635.	18548.	23545.	23545.	20302.	18500.	18500.
	18500.	18500.	18139.	32531.	23149.	17190.	13935.	9718.	7148.	7148.
	5550.	6343.								
1959	5038.	4433.	4241.	2943.	2511.	2186.	1862.	1430.	1285.	925.
	1021.	1598.	1598.	1309.	1261.	1201.	1177.	1177.	1177.	1129.
	1009.	930.	824.	824.	824.	824.	841.	841.	1201.	1261.
	2403.	3820.	16314.	23113.	18776.	21887.	16350.	19485.	21803.	22200.
	21311.	23089.	18236.	20086.	15665.	20110.	37144.	36303.	24134.	12469.
	9365.	10097.								
1960	9010.	6223.	3424.	4277.	2931.	2523.	2415.	2270.	2150.	1850.
	1850.	1850.	1850.	1706.	1682.	1502.	1430.	1358.	1261.	1237.
	1177.	1141.	1093.	1045.	925.	925.	925.	925.	1213.	1261.
	4925.	6391.	12349.	19221.	20422.	12073.	12517.	12962.	14247.	19281.
	14295.	16446.	22548.	26945.	21383.	18896.	18260.	17539.	15401.	24338.
	17251.	14764.								
1961	10535.	7652.	5442.	3964.	3015.	2775.	2559.	2270.	2318.	2439.
	2391.	2102.	2102.	2030.	2018.	2078.	2102.	1850.	1514.	1490.
	1430.	1358.	1261.	1406.	1766.	1766.	2102.	2102.	2318.	2355.
	6079.	10692.	18500.	17623.	16662.	15953.	26056.	32555.	27353.	19341.
	20302.	21023.	21779.	21563.	21863.	18668.	17719.	13166.	10451.	11857.
	11292.	12998.								
1962	8769.	3868.	3868.	3868.	2955.	2270.	2270.	2270.	2126.	1766.
	1766.	1766.	1766.	1622.	1598.	1598.	1598.	1454.	1261.	1261.
	1261.	1225.	1177.	1177.	1177.	1177.	1430.	1430.	1430.	1430.
	3111.	3784.	10271.	15136.	23942.	25467.	49397.	42237.	29900.	22861.
	22320.	19449.	22861.	21911.	19341.	19341.	19341.	19701.	19821.	12517.
	10139.	11665.								
1963	7694.	5859.	5105.	4613.	3111.	2355.	2355.	2355.	2162.	1682.
	1682.	1682.	1682.	1394.	1345.	1345.	1345.	1309.	1261.	1261.
	1261.	1081.	841.	841.	841.	841.	698.	698.	698.	698.
	2242.	2859.	16121.	26068.	30008.	21863.	21863.	21863.	21863.	26188.
	33852.	32074.	27389.	23377.	21143.	18344.	19401.	16434.	12734.	11388.
	9106.	9232.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 12 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT WATANA DAMSITE

1964	7482.	6300.	5154.	3904.	2427.	2186.	1934.	1598.	1550.	1430.
	1382.	1093.	1093.	949.	925.	865.	841.	841.	841.	824.
	782.	724.	648.	621.	555.	555.	597.	597.	648.	656.
	728.	877.	1177.	2606.	24378.	63092.	43330.	36159.	26152.	21335.
	21984.	20746.	14235.	16614.	15749.	12698.	13539.	11436.	9548.	7781.
	7824.	7657.								
1965	6456.	7225.	4728.	3761.	2590.	2385.	2361.	2631.	1710.	1152.
	1027.	933.	933.	825.	807.	807.	807.	771.	723.	723.
	723.	738.	757.	757.	757.	757.	992.	992.	1252.	1295.
	1691.	4529.	7880.	14199.	28290.	18476.	19737.	18860.	27762.	25527.
	25744.	23978.	20794.	18692.	16542.	25551.	17130.	9538.	14168.	17407.
	15929.	21059.								
1966	12686.	7053.	3304.	2733.	2325.	1904.	1682.	1604.	1538.	1442.
	1394.	1337.	1287.	1193.	1177.	1177.	1177.	1141.	1093.	1093.
	1093.	1093.	1093.	1093.	1093.	1093.	1261.	1261.	1558.	1724.
	2535.	3268.	6055.	11604.	18212.	40099.	28699.	24242.	20458.	15677.
	14932.	15629.	17683.	23557.	19269.	15845.	19197.	15389.	10836.	10523.
	10403.	8673.								
1967	5878.	3941.	2980.	2018.	1454.	1345.	1345.	1345.	1321.	1261.
	1261.	1261.	1261.	1261.	1261.	1261.	1261.	1225.	1177.	1177.
	1177.	1105.	1009.	1009.	1009.	1009.	925.	925.	949.	1093.
	1466.	4145.	14416.	20170.	24242.	22344.	29275.	24398.	23870.	18127.
	18055.	25107.	29263.	22788.	21059.	46141.	25732.	17335.	24446.	14427.
	10487.	9108.								
1968	5761.	4796.	3750.	2859.	2403.	2042.	1934.	1862.	1826.	1766.
	1766.	1694.	1682.	1682.	1682.	1682.	1658.	1598.	1598.	1598.
	1598.	1598.	1598.	1598.	1598.	1598.	1574.	1514.	1586.	1694.
	1886.	2475.	11004.	28459.	23161.	22248.	30969.	31402.	22861.	24747.
	22524.	21743.	21011.	18680.	16938.	14091.	12734.	11292.	9478.	9495.
	6063.	5305.								
1969	4256.	3675.	2830.	2512.	2138.	1658.	1261.	1105.	913.	799.
	757.	715.	679.	649.	631.	589.	589.	589.	589.	601.
	631.	631.	655.	673.	709.	733.	805.	949.	1237.	1754.
	2859.	5056.	9615.	16866.	10149.	10764.	13719.	15028.	13647.	11713.
	14824.	15232.	12734.	11256.	12013.	6222.	5047.	4703.	5300.	4635.
	3974.	3814.								
1970	3313.	3119.	2732.	1844.	1442.	1201.	949.	841.	787.	757.
	721.	715.	715.	715.	715.	685.	673.	673.	673.	631.
	631.	631.	631.	643.	673.	673.	715.	787.	901.	1093.
	1634.	3880.	13743.	12409.	15244.	14271.	13767.	13034.	21948.	21047.
	17659.	18920.	18091.	22224.	19233.	14860.	16794.	11592.	10004.	7960.
	8109.	5166.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 12 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT WATANA DAMSITE

1971	5901.	4925.	4012.	3412.	3364.	3195.	2907.	2571.	2307.	2162.
	2018.	1850.	1658.	1466.	1309.	1189.	1045.	973.	925.	841.
	841.	823.	799.	799.	799.	799.	811.	841.	913.	1021.
	1225.	1598.	2355.	4157.	7328.	19221.	39679.	24098.	33288.	20578.
	20938.	24134.	15701.	20482.	37624.	33636.	20626.	16374.	19221.	12265.
	9274.	9198.								
1972	6512.	5835.	4429.	3652.	3027.	2739.	2595.	2451.	2331.	2186.
	2186.	2018.	2018.	2018.	1850.	1850.	1850.	1850.	1754.	1682.
	1682.	1610.	1586.	1514.	1514.	1490.	1430.	1430.	1370.	1430.
	2847.	16458.	16217.	22608.	37204.	20578.	36543.	32002.	21635.	21335.
	21323.	19004.	15497.	17022.	18272.	16758.	17323.	11592.	11088.	15160.
	11172.	5766.								
1973	4024.	3724.	5166.	3832.	2619.	2138.	1826.	1682.	1466.	1345.
	1201.	1177.	1177.	1033.	1009.	1009.	1009.	1009.	1009.	1009.
	1009.	937.	841.	841.	841.	841.	841.	841.	841.	889.
	1177.	2258.	7736.	10655.	13214.	16998.	28338.	30645.	20134.	17707.
	16926.	12806.	13815.	14848.	17683.	14091.	18332.	19485.	10776.	7519.
	6350.	5895.								
1974	4739.	3817.	2632.	1994.	1610.	1382.	1273.	1165.	1069.	961.
	865.	823.	799.	763.	757.	727.	715.	697.	673.	661.
	631.	631.	631.	619.	589.	589.	589.	613.	739.	1177.
	2162.	5538.	10331.	23065.	26368.	16446.	14043.	13130.	14019.	14247.
	17707.	16241.	15617.	14896.	15713.	13442.	10639.	14405.	13971.	7832.
	7915.	11902.								
1975	4627.	4599.	2451.	1634.	1430.	1430.	1430.	1430.	1418.	1345.
	1345.	1345.	1345.	1333.	1261.	1261.	1261.	1261.	1261.	1261.
	1213.	1177.	1177.	1177.	1177.	1177.	1177.	1189.	1297.	1538.
	2391.	5766.	12674.	19365.	25647.	30609.	22993.	28891.	25828.	23125.
	25143.	23834.	21803.	20350.	16386.	15653.	13815.	11905.	9875.	16722.
	15665.	15088.								
1976	8649.	7628.	7028.	4145.	2883.	2066.	1574.	1249.	1069.	961.
	925.	889.	841.	841.	841.	811.	799.	799.	799.	799.
	799.	781.	757.	757.	757.	757.	757.	793.	985.	1646.
	4168.	11725.	11268.	11785.	13563.	23293.	25095.	17671.	17070.	16253.
	16217.	15461.	15857.	18260.	23305.	17299.	13286.	9404.	6499.	5323.
	5354.	6517.								
1977	4063.	3316.	3162.	2806.	2475.	2283.	2138.	2018.	2427.	2283.
	2066.	1898.	1754.	1646.	1598.	1514.	1478.	1430.	1370.	1345.
	1345.	1309.	1261.	1261.	1261.	1261.	1345.	1345.	1418.	1490.
	1658.	2907.	10523.	16145.	24554.	29395.	38934.	31906.	28470.	18260.
	20302.	21455.	17851.	18740.	17935.	16410.	16590.	10523.	8714.	12337.
	11833.	11381.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 12 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT WATANA DAMSITE

1978	7424.	7532.	6619.	4937.	3772.	3220.	2901.	2691.	2493.	2318.
	2216.	2150.	1988.	1880.	1772.	1682.	1616.	1520.	1430.	1388.
	1388.	1345.	1345.	1345.	1345.	1363.	1388.	1388.	1388.	1466.
	3063.	10559.	14416.	9754.	10403.	12938.	17971.	15376.	19161.	18764.
	17431.	17623.	17286.	16998.	16073.	14944.	12469.	8986.	9430.	8500.
	6390.	5450.								
1979	4554.	5103.	4122.	3093.	3008.	2628.	1970.	1730.	1658.	1598.
	1454.	1309.	1261.	1225.	1177.	1177.	1177.	1093.	1093.	1093.
	1093.	1009.	1009.	1009.	1009.	1009.	1009.	1057.	1165.	1466.
	2307.	4325.	10091.	16097.	26633.	23113.	19401.	17515.	21671.	22176.
	21936.	26705.	27293.	22296.	20854.	16842.	14343.	12758.	7944.	7739.
	11388.	10305.								
1980	6635.	8421.	5915.	4370.	4096.	3720.	4145.	2967.	2823.	2307.
	2078.	1898.	1718.	1610.	1538.	1454.	1382.	1345.	1285.	1225.
	1177.	1177.	1177.	1177.	1177.	1177.	1177.	1177.	1237.	1682.
	3484.	8169.	11701.	10463.	16686.	27029.	21299.	27582.	24062.	26356.
	26741.	28218.	25347.	27762.	19509.	18440.	16722.	12157.	8888.	9506.
	15977.	11929.								
1981	8028.	7727.	6359.	5289.	4061.	3693.	2713.	2646.	2604.	2051.
	1695.	1640.	1607.	1671.	1829.	1934.	1981.	1933.	1888.	1598.
	1336.	1257.	1230.	1260.	1275.	1286.	1336.	1397.	1463.	1978.
	5161.	18317.	17485.	11444.	19192.	16078.	14586.	16149.	18194.	14519.
	32127.	34254.	30754.	30665.	30592.	36750.	29537.	21077.	15200.	12036.
	10435.	8571.								
1982	6021.	5620.	5639.	6234.	3567.	2869.	2483.	2062.	1834.	1724.
	1643.	1509.	1472.	1457.	1457.	1360.	1332.	1240.	1245.	1080.
	1007.	966.	960.	950.	940.	1039.	1029.	1015.	1099.	1434.
	2610.	6485.	12297.	14357.	18833.	21853.	17900.	23230.	23052.	16070.
	21259.	21410.	22400.	19825.	14356.	12738.	11144.	11950.	10689.	13492.
	20867.	11400.								
1983	8769.	6897.	5608.	3292.	2499.	2343.	2222.	2078.	2018.	1934.
	1934.	1934.	2054.	2331.	2018.	1790.	1682.	1646.	1598.	1694.
	1754.	1646.	1538.	1430.	1381.	1273.	1261.	1285.	1502.	2030.
	3868.	9322.	16097.	14295.	20302.	22993.	16470.	20086.	19905.	21335.
	18356.	15341.	16575.	17671.	22356.	21371.	18295.	22428.	15941.	10583.
	8690.	10307.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 13

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT DEVAIL CANYON DAMSITE

1950	12126.	5414.	3961.	3584.	3153.	2816.	2372.	2331.	1603.	1603.
	1496.	1240.	1065.	957.	923.	930.	1038.	1038.	916.	647.
	593.	670.	671.	628.	679.	756.	730.	738.	800.	951.
	2183.	7552.	12895.	13393.	16897.	16129.	15630.	24685.	18244.	18824.
	20023.	21896.	23809.	23674.	21815.	19955.	16452.	12423.	8737.	9904.
	6697.	6778.								
1951	4959.	4420.	3859.	2202.	1388.	1307.	1226.	1159.	1105.	1038.
	1038.	1038.	1038.	924.	906.	906.	906.	849.	773.	773.
	773.	741.	698.	698.	698.	698.	730.	941.	1442.	2506.
	5807.	16344.	18177.	9024.	15725.	27865.	20090.	12774.	17988.	19551.
	22960.	21963.	20198.	20212.	16614.	17651.	17274.	24146.	28350.	17611.
	18190.	17597.								
1952	8704.	5821.	4231.	3288.	3301.	3022.	2234.	2210.	2062.	1792.
	1792.	1792.	1792.	1550.	1509.	1509.	1509.	1267.	943.	943.
	943.	895.	830.	830.	830.	830.	868.	868.	868.	868.
	1124.	1428.	1954.	4231.	20683.	23405.	33147.	35949.	31813.	26059.
	18514.	23661.	25642.	35128.	23647.	18568.	14094.	16344.	17813.	12046.
	10402.	14229.								
1953	10510.	9800.	6822.	4972.	4716.	4015.	2574.	3153.	2291.	1603.
	1603.	1603.	1603.	1118.	1038.	1038.	1038.	924.	773.	773.
	773.	773.	773.	773.	773.	773.	877.	877.	1419.	2358.
	13326.	15859.	14431.	24887.	19565.	33120.	25574.	20818.	24362.	19080.
	17234.	18743.	19484.	24186.	20616.	16520.	17005.	20279.	17719.	16142.
	13461.	11720.								
1954	7658.	6350.	4659.	3714.	2265.	2142.	1981.	1846.	1684.	1415.
	1415.	1415.	1415.	1253.	1226.	1226.	1226.	1105.	943.	943.
	943.	854.	736.	736.	736.	736.	821.	821.	1411.	1509.
	6360.	11588.	18770.	21518.	20346.	24011.	23068.	22125.	26895.	23095.
	18419.	17921.	17921.	29374.	22637.	22637.	22637.	21694.	15361.	13205.
	12316.	9037.								
1955	6131.	5762.	4339.	4339.	3476.	2830.	2668.	2358.	2277.	2075.
	2035.	1792.	1792.	1873.	1886.	1617.	1509.	1428.	1321.	1321.
	1321.	1199.	1038.	1038.	1038.	1038.	1132.	1132.	1132.	1132.
	3355.	4244.	4959.	14849.	16439.	19174.	31260.	33915.	31759.	32244.
	26935.	20791.	24860.	21330.	19713.	20225.	24591.	35128.	18554.	14175.
	11521.	10369.								
1956	6825.	5025.	4092.	3525.	2345.	1981.	1819.	1603.	1496.	1226.
	1226.	1226.	1226.	967.	924.	924.	924.	920.	915.	915.
	915.	903.	887.	887.	887.	887.	896.	896.	896.	896.
	2372.	10753.	15347.	30533.	20454.	31557.	41070.	30155.	26585.	27407.
	29886.	30182.	29455.	29644.	27137.	24523.	19551.	16708.	15091.	21155.
	20616.	15091.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 13 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT DEVIL CANYON DAMSITE

1957	6791.	6791.	4608.	4244.	3544.	3018.	2897.	2735.	2601.	2264.
	2196.	1792.	1792.	1630.	1603.	1603.	1603.	1523.	1415.	1415.
	1415.	1294.	1132.	1132.	1132.	1132.	1132.	1132.	1132.	1132.
	3220.	5430.	8866.	19861.	29158.	35316.	31206.	27690.	18958.	21896.
	20117.	22556.	24469.	19767.	19753.	19646.	18015.	19942.	17840.	19470.
	18931.	20777.								
1958	9746.	8361.	6819.	7031.	5120.	4265.	3650.	3001.	3382.	4069.
	3471.	2588.	2102.	2291.	2008.	1752.	1657.	1374.	1361.	1226.
	1132.	1132.	1132.	1105.	1038.	1038.	1132.	1267.	1374.	1665.
	3763.	7435.	10389.	19780.	20804.	26410.	26410.	22772.	20750.	20750.
	20750.	20750.	20346.	36488.	25965.	19282.	15630.	10901.	8017.	8017.
	6225.	7115.								
1959	5651.	4972.	4757.	3301.	2816.	2452.	2089.	1603.	1442.	1038.
	1145.	1792.	1792.	1469.	1415.	1348.	1321.	1321.	1321.	1267.
	1132.	1043.	924.	924.	924.	924.	943.	943.	1348.	1415.
	2695.	4285.	18298.	25925.	21060.	24550.	18339.	21855.	24456.	24901.
	23903.	25898.	20454.	22529.	17571.	22556.	41663.	40719.	27070.	13986.
	10505.	11325.								
1960	10106.	6980.	3840.	4797.	3288.	2830.	2708.	2547.	2412.	2075.
	2075.	2075.	2075.	1913.	1886.	1684.	1603.	1523.	1415.	1388.
	1321.	1280.	1226.	1172.	1038.	1038.	1038.	1038.	1361.	1415.
	5524.	7168.	13852.	21559.	22906.	13542.	14040.	14539.	15981.	21626.
	16034.	18446.	25291.	30223.	23984.	21195.	20481.	19672.	17274.	27299.
	19349.	16560.								
1961	11817.	8583.	6104.	4447.	3382.	3113.	2870.	2547.	2601.	2735.
	2681.	2358.	2358.	2277.	2264.	2331.	2358.	2075.	1698.	1671.
	1603.	1523.	1415.	1577.	1981.	1981.	2358.	2358.	2601.	2641.
	6818.	11992.	20750.	19767.	18689.	17894.	29226.	36515.	30681.	21694.
	22772.	23580.	24429.	24186.	24523.	20939.	19875.	14768.	11723.	13299.
	12666.	14579.								
1962	9836.	4339.	4339.	4339.	3315.	2547.	2547.	2547.	2385.	1981.
	1981.	1981.	1981.	1819.	1792.	1792.	1792.	1630.	1415.	1415.
	1415.	1374.	1321.	1321.	1321.	1321.	1603.	1603.	1603.	1603.
	3490.	4244.	11521.	16978.	26854.	28566.	55406.	47376.	33538.	25642.
	25035.	21815.	25642.	24577.	21694.	21694.	21694.	22098.	22233.	14040.
	11372.	13084.								
1963	8630.	6571.	5727.	5174.	3490.	2641.	2641.	2641.	2425.	1886.
	1886.	1886.	1886.	1563.	1509.	1509.	1509.	1469.	1415.	1415.
	1415.	1213.	943.	943.	943.	943.	783.	783.	783.	783.
	2514.	3207.	18083.	29239.	33659.	24523.	24523.	24523.	24523.	29374.
	37971.	35976.	30721.	26221.	23715.	20575.	21761.	18433.	14283.	12774.
	10214.	10355.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 13 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT DEVIL CANYON DAMSITE

1964	8392.	7066.	5781.	4379.	2722.	2452.	2169.	1792.	1738.	1603.
	1550.	1226.	1226.	1065.	1038.	970.	943.	943.	943.	924.
	877.	813.	726.	697.	623.	623.	670.	670.	726.	736.
	817.	984.	1321.	2923.	27343.	70767.	48602.	40558.	29334.	23930.
	24658.	23270.	15967.	18635.	17665.	14242.	15186.	12828.	10709.	8727.
	8776.	8589.								
1965	7241.	8103.	5304.	4219.	2905.	2675.	2648.	2951.	1917.	1292.
	1152.	1047.	1047.	926.	906.	906.	906.	865.	811.	811.
	811.	827.	849.	849.	849.	849.	1113.	1113.	1404.	1453.
	1897.	5080.	8839.	15927.	31732.	20723.	22138.	21155.	31139.	28633.
	28875.	26895.	23324.	20966.	18554.	28660.	19214.	10699.	15892.	19524.
	17867.	23621.								
1966	14229.	7911.	3706.	3065.	2607.	2136.	1886.	1799.	1725.	1617.
	1563.	1500.	1443.	1338.	1321.	1321.	1321.	1280.	1226.	1226.
	1226.	1226.	1226.	1226.	1226.	1226.	1415.	1415.	1859.	1934.
	2843.	3665.	6791.	13016.	20427.	44977.	32190.	27191.	22947.	17584.
	16749.	17530.	19834.	26423.	21613.	17773.	21532.	17261.	12154.	11804.
	11669.	9728.								
1967	6593.	4421.	3343.	2264.	1630.	1509.	1509.	1509.	1482.	1415.
	1415.	1415.	1415.	1415.	1415.	1415.	1415.	1374.	1321.	1321.
	1321.	1240.	1132.	1132.	1132.	1132.	1038.	1038.	1065.	1226.
	1644.	4649.	16169.	22623.	27191.	25062.	32837.	27366.	26773.	20333.
	20252.	28161.	32823.	25561.	23621.	51755.	28862.	19443.	27420.	16183.
	11763.	10216.								
1968	6462.	5379.	4207.	3207.	2695.	2291.	2169.	2089.	2048.	1981.
	1981.	1900.	1886.	1886.	1886.	1886.	1859.	1792.	1792.	1792.
	1792.	1792.	1792.	1792.	1792.	1792.	1765.	1698.	1779.	1900.
	2116.	2776.	12342.	31921.	25979.	24954.	34737.	35222.	25642.	27757.
	25264.	24388.	23567.	20953.	18999.	15805.	14283.	12666.	10631.	10650.
	6801.	5950.								
1969	4774.	4122.	3175.	2817.	2399.	1859.	1415.	1240.	1024.	896.
	849.	802.	761.	728.	707.	660.	660.	660.	660.	674.
	707.	707.	734.	755.	795.	822.	903.	1065.	1388.	1967.
	3207.	5671.	10785.	18918.	11383.	12073.	15388.	16856.	15307.	13138.
	16627.	17085.	14283.	12625.	13474.	6978.	5661.	5275.	5945.	5198.
	4457.	4278.								
1970	3716.	3498.	3064.	2068.	1617.	1348.	1065.	943.	883.	849.
	808.	802.	802.	802.	802.	768.	755.	755.	755.	707.
	707.	707.	707.	721.	755.	755.	802.	883.	1011.	1226.
	1833.	4352.	15415.	13919.	17099.	16007.	15442.	14620.	24618.	23607.
	19807.	21222.	20292.	24928.	21572.	16668.	18837.	13003.	11221.	8928.
	9095.	5794.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 13 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT DEVIL CANYON DAMSITE

1971	6619.	5524.	4500.	3827.	3773.	3584.	3261.	2884.	2587.	2425.
	2264.	2075.	1859.	1644.	1469.	1334.	1172.	1091.	1038.	943.
	943.	923.	896.	896.	896.	896.	910.	943.	1024.	1145.
	1374.	1792.	2641.	4662.	8219.	21559.	44506.	27029.	37337.	23081.
	23486.	27070.	17611.	22974.	42202.	37728.	23135.	18365.	21559.	13757.
	10402.	10317.								
1972	7304.	6545.	4968.	4096.	3396.	3072.	2910.	2749.	2614.	2452.
	2452.	2264.	2264.	2264.	2075.	2075.	2075.	2075.	1967.	1886.
	1886.	1806.	1779.	1698.	1698.	1671.	1603.	1603.	1536.	1603.
	3193.	18460.	18190.	25359.	41730.	23081.	40989.	35896.	24267.	23930.
	23917.	21316.	17382.	19093.	20494.	18797.	19430.	13003.	12437.	17005.
	12531.	6468.								
1973	4514.	4177.	5794.	4298.	2937.	2399.	2048.	1886.	1644.	1509.
	1348.	1321.	1321.	1159.	1132.	1132.	1132.	1132.	1132.	1132.
	1132.	1051.	943.	943.	943.	943.	943.	943.	943.	997.
	1321.	2533.	8677.	11952.	14822.	19066.	31786.	34373.	22583.	19861.
	18985.	14364.	15496.	16654.	19834.	15805.	20562.	21855.	12086.	8434.
	7123.	6612.								
1974	5316.	4281.	2952.	2237.	1806.	1550.	1428.	1307.	1199.	1078.
	970.	923.	896.	856.	849.	815.	802.	782.	755.	741.
	707.	707.	707.	694.	660.	660.	660.	687.	829.	1321.
	2425.	6212.	11588.	25871.	29576.	18446.	15751.	14727.	15725.	15981.
	19861.	18217.	17517.	16708.	17624.	15078.	11933.	16157.	15671.	8785.
	8878.	13350.								
1975	5190.	5158.	2749.	1833.	1603.	1603.	1603.	1603.	1590.	1509.
	1509.	1509.	1509.	1496.	1415.	1415.	1415.	1415.	1415.	1415.
	1361.	1321.	1321.	1321.	1321.	1321.	1321.	1334.	1455.	1725.
	2681.	6468.	14215.	21721.	28768.	34333.	25790.	32406.	28970.	25938.
	28202.	26733.	24456.	22825.	18379.	17557.	15496.	13353.	11076.	18756.
	17571.	16924.								
1976	9702.	8556.	7882.	4649.	3234.	2318.	1765.	1401.	1199.	1078.
	1038.	997.	943.	943.	943.	910.	896.	896.	896.	896.
	896.	876.	849.	849.	849.	849.	849.	889.	1105.	1846.
	4676.	13151.	12639.	13218.	15213.	26127.	28148.	19821.	19147.	18231.
	18190.	17341.	17786.	20481.	26140.	19403.	14903.	10548.	7290.	5971.
	6005.	7310.								
1977	4557.	3719.	3546.	3148.	2776.	2560.	2399.	2264.	2722.	2560.
	2318.	2129.	1967.	1846.	1792.	1698.	1657.	1603.	1536.	1509.
	1509.	1469.	1415.	1415.	1415.	1415.	1509.	1509.	1590.	1671.
	1859.	3261.	11804.	18109.	27541.	32972.	43670.	35788.	31934.	20481.
	22772.	24065.	20023.	21020.	20117.	18406.	18608.	11804.	9774.	13838.
	13272.	12766.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 13 (Continued)

COMPUTED WEEKLY FLOWS^{1/} FOR SUSITNA RIVER AT DEVIL CANYON DAMSITE

1978	8327.	8448.	7424.	5538.	4231.	3611.	3254.	3018.	2796.	2601.
	2486.	2412.	2230.	2109.	1987.	1886.	1812.	1705.	1603.	1556.
	1556.	1509.	1509.	1509.	1509.	1529.	1556.	1556.	1556.	1644.
	3436.	11844.	16169.	10941.	11669.	14512.	20158.	17247.	21492.	21047.
	19551.	19767.	19390.	19066.	18029.	16762.	13986.	10079.	10577.	9534.
	7167.	6113.								
1979	5108.	5724.	4623.	3470.	3374.	2948.	2210.	1940.	1859.	1792.
	1630.	1469.	1415.	1374.	1321.	1321.	1321.	1226.	1226.	1226.
	1226.	1132.	1132.	1132.	1132.	1132.	1132.	1186.	1307.	1644.
	2587.	4851.	11318.	18056.	29873.	25925.	21761.	19646.	24308.	24874.
	24604.	29953.	30614.	25008.	23391.	18891.	16088.	14310.	8911.	8680.
	12774.	11558.								
1980	7442.	9446.	6635.	4902.	4595.	4173.	4649.	3328.	3166.	2587.
	2331.	2129.	1927.	1806.	1725.	1630.	1550.	1509.	1442.	1374.
	1321.	1321.	1321.	1321.	1321.	1321.	1321.	1321.	1388.	1886.
	3908.	9163.	13124.	11736.	18716.	30317.	23890.	30937.	26989.	29563.
	29994.	31651.	28431.	31139.	21882.	20683.	18756.	13636.	9970.	10662.
	17921.	13380.								
1981	9198.	8403.	6966.	5758.	4444.	4026.	2989.	3002.	2987.	2220.
	1754.	1665.	1612.	1671.	1829.	2059.	2186.	2187.	2226.	1866.
	1506.	1413.	1404.	1479.	1502.	1520.	1570.	1638.	1735.	2277.
	5458.	19876.	19414.	12765.	20960.	17718.	16083.	17467.	20163.	16646.
	38528.	38682.	34576.	35765.	34169.	43164.	34352.	23580.	16991.	13620.
	11505.	9544.								
1982	7063.	6636.	6770.	7743.	4239.	3568.	3017.	2463.	2097.	1920.
	1808.	1696.	1637.	1613.	1613.	1579.	1550.	1481.	1528.	1332.
	1223.	1100.	1100.	1100.	1164.	1336.	1332.	1327.	1458.	1926.
	3108.	7523.	14034.	16607.	21328.	24610.	20443.	26847.	26232.	18275.
	23094.	23405.	25678.	22288.	15816.	13852.	12098.	13277.	12486.	15673.
	24525.	13682.								
1983	9836.	7735.	6290.	3692.	2803.	2628.	2493.	2331.	2264.	2169.
	2169.	2169.	2304.	2614.	2264.	2008.	1886.	1846.	1792.	1900.
	1967.	1846.	1725.	1603.	1549.	1428.	1415.	1442.	1684.	2277.
	4339.	10456.	18056.	16034.	22773.	25790.	18473.	22529.	22327.	23930.
	20589.	17207.	18595.	19821.	25076.	23957.	20521.	25156.	17880.	11871.
	9748.	11388.								

^{1/} Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30)

TABLE 14

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15101.	0.0	10400.	0.0	8365.
2.9	13108.	5.9	9330.	2.9	7913.
8.8	11378.	17.6	8836.	5.9	7486.
14.7	10601.	26.5	8369.	17.6	7081.
26.5	9877.	29.4	7508.	20.6	6698.
32.3	9202.	41.2	7111.	26.5	6336.
41.2	8573.	47.1	6735.	35.3	5670.
44.1	7987.	50.0	6379.	38.2	5364.
55.9	7442.	58.8	6041.	41.2	5074.
67.6	6933.	64.7	5722.	52.9	4800.
73.5	6018.	70.6	5420.	61.8	4540.
79.4	5607.	76.5	4862.	70.6	4295.
88.2	5224.	82.3	4605.	79.4	4063.
91.2	4867.	94.1	4131.	82.3	3843.
97.1	4225.	97.1	3912.	85.3	3636.
100.0	3936.	100.0	3705.	88.2	3439.
				91.2	3253.
				97.1	3077.
				100.0	2911.
WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8590.	0.0	5434.	0.0	4526.
2.9	7943.	2.9	5073.	8.8	4252.
5.9	6280.	8.8	4736.	11.8	3995.
11.8	5808.	17.6	4126.	20.6	3314.
14.7	5370.	20.6	3852.	35.3	3113.
23.5	4966.	32.3	3596.	44.1	2925.
38.2	4592.	50.0	3357.	52.9	2749.
50.0	4246.	52.9	3133.	64.7	2582.
55.9	3927.	67.6	2925.	73.5	2280.
67.6	3631.	76.5	2549.	79.4	2142.
76.5	3357.	85.3	1935.	82.3	2013.
82.3	3105.	88.2	1807.	85.3	1777.
85.3	2455.	97.1	1574.	88.2	1669.
94.1	2270.	100.0	1470.	94.1	1474.
97.1	2099.			100.0	1385.
100.0	1941.				

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4934.	0.0	3533.	0.0	3590.
2.9	3908.	5.9	3305.	5.9	3344.
8.8	3616.	20.6	3093.	8.8	3116.
14.7	3346.	29.4	2894.	11.8	2903.
17.6	3096.	32.3	2708.	29.4	2704.
29.4	2865.	41.2	2534.	38.2	2519.
44.1	2650.	52.9	2371.	47.1	2187.
52.9	2452.	55.9	2218.	52.9	2037.
64.7	2269.	58.8	2076.	58.8	1898.
73.5	2100.	67.6	1942.	67.6	1768.
76.5	1943.	73.5	1700.	76.5	1647.
82.3	1797.	85.3	1489.	82.3	1535.
85.3	1663.	88.2	1393.	85.3	1332.
88.2	1539.	94.1	1303.	91.2	1241.
94.1	1317.	97.1	1068.	94.1	1156.
97.1	1219.	100.0	999.	97.1	1004.
100.0	1128.			100.0	935.
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4318.	0.0	3684.	0.0	2747.
2.9	3103.	2.9	2926.	2.9	2582.
5.9	2857.	5.9	2709.	8.8	2427.
14.7	2631.	11.8	2509.	17.6	2282.
23.5	2422.	26.5	2324.	29.4	2145.
32.3	2230.	35.3	2152.	32.3	2017.
44.1	2054.	44.1	1993.	50.0	1782.
52.9	1741.	47.1	1845.	55.9	1676.
64.7	1603.	52.9	1709.	61.8	1575.
76.5	1476.	67.6	1583.	70.6	1481.
79.4	1359.	73.5	1466.	73.5	1392.
82.3	1152.	76.5	1357.	76.5	1309.
94.1	977.	79.4	1257.	82.3	1157.
100.0	899.	85.3	1164.	88.2	1087.
		91.2	1078.	91.2	1022.
		94.1	924.	94.1	903.
		100.0	856.	100.0	849.

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	2503.	0.0	2774.	0.0	2402.
11.8	2358.	2.9	2593.	8.8	2260.
17.6	2221.	5.9	2424.	14.7	2125.
23.5	2093.	14.7	2266.	26.5	1999.
35.3	1972.	17.6	2118.	32.3	1880.
50.0	1750.	26.5	1980.	38.2	1768.
52.9	1649.	35.3	1851.	41.2	1663.
58.8	1553.	38.2	1730.	47.1	1564.
70.6	1463.	47.1	1617.	58.8	1471.
73.5	1379.	55.9	1512.	64.7	1301.
79.4	1153.	64.7	1413.	67.6	1224.
88.2	1023.	67.6	1235.	70.6	1151.
91.2	964.	73.5	1154.	76.5	1018.
94.1	856.	76.5	1079.	91.2	901.
100.0	806.	82.3	1009.	97.1	797.
		91.2	943.	100.0	749.
		94.1	881.		
		100.0	770.		
WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	2473.	0.0	2503.	0.0	2331.
5.9	2314.	2.9	2340.	11.8	2054.
11.8	2165.	11.8	2046.	14.7	1928.
14.7	2026.	20.6	1913.	17.6	1809.
23.5	1896.	23.5	1789.	26.5	1698.
32.3	1774.	35.3	1673.	35.3	1594.
41.2	1660.	47.1	1565.	44.1	1496.
47.1	1553.	52.9	1463.	50.0	1404.
52.9	1453.	61.8	1368.	58.8	1318.
64.7	1360.	64.7	1279.	61.8	1237.
67.6	1272.	70.6	1119.	67.6	1161.
70.6	1114.	76.5	1046.	73.5	1023.
73.5	1042.	82.3	978.	82.3	960.
82.3	975.	91.2	855.	88.2	901.
91.2	912.	97.1	748.	91.2	846.
94.1	854.	100.0	699.	97.1	745.
97.1	747.			100.0	699.
100.0	699.				

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	2416.	0.0	2045.	0.0	2088.
5.9	2121.	8.8	1931.	5.9	1960.
8.8	1987.	11.8	1823.	8.8	1727.
14.7	1861.	17.6	1721.	14.7	1622.
17.6	1744.	20.6	1625.	20.6	1522.
20.6	1633.	23.5	1534.	32.3	1429.
23.5	1530.	41.2	1448.	44.1	1342.
44.1	1434.	47.1	1367.	50.0	1259.
52.9	1343.	58.8	1218.	61.8	1042.
58.8	1258.	61.8	1025.	70.6	978.
61.8	1104.	76.5	968.	79.4	862.
64.7	1034.	79.4	863.	88.2	760.
79.4	969.	88.2	814.	97.1	669.
82.3	908.	91.2	769.	100.0	628.
85.3	851.	94.1	726.		
97.1	746.	100.0	685.		
100.0	699.				

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	1959.	0.0	1902.	0.0	1902.
8.8	1669.	8.8	1628.	5.9	1703.
14.7	1582.	11.8	1546.	11.8	1611.
20.6	1499.	20.6	1468.	17.6	1525.
23.5	1421.	29.4	1323.	20.6	1443.
35.3	1347.	35.3	1256.	29.4	1365.
44.1	1277.	47.1	1133.	32.3	1292.
47.1	1211.	52.9	1021.	35.3	1222.
52.9	1148.	61.8	969.	47.1	1156.
61.8	1031.	67.6	920.	52.9	1035.
64.7	978.	76.5	830.	61.8	980.
73.5	927.	79.4	788.	67.6	927.
76.5	878.	94.1	748.	76.5	830.
82.3	833.	100.0	710.	82.3	785.
85.3	789.			88.2	743.
97.1	748.			97.1	703.
100.0	709.			100.0	665.

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	2102.	0.0	2102.	0.0	2503.
2.9	1978.	2.9	1978.	2.9	1913.
5.9	1861.	5.9	1861.	5.9	1789.
8.8	1647.	8.8	1750.	14.7	1673.
17.6	1549.	11.8	1647.	20.6	1565.
20.6	1458.	14.7	1549.	29.4	1463.
29.4	1371.	23.5	1458.	35.3	1279.
32.3	1214.	32.3	1371.	47.1	1196.
44.1	1142.	35.3	1214.	50.0	1119.
52.9	1011.	44.1	1142.	55.9	1046.
61.8	951.	52.9	1011.	61.8	978.
73.5	895.	61.8	951.	76.5	915.
79.4	842.	73.5	895.	82.3	855.
85.3	792.	79.4	842.	88.2	800.
88.2	745.	88.2	792.	94.1	748.
94.1	701.	91.2	745.	100.0	699.
100.0	659.	94.1	701.		
		100.0	659.		
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	2503.	0.0	2760.	0.0	2803.
2.9	1919.	2.9	1972.	5.9	2620.
5.9	1796.	11.8	1844.	8.8	2449.
14.7	1681.	14.7	1724.	14.7	2290.
20.6	1573.	29.4	1612.	17.6	2141.
29.4	1472.	35.3	1507.	26.5	2001.
35.3	1377.	58.8	1409.	32.3	1871.
38.2	1289.	61.8	1232.	41.2	1749.
41.2	1206.	70.6	1151.	52.9	1635.
52.9	1129.	76.5	1077.	58.8	1528.
58.8	1056.	79.4	1007.	64.7	1429.
70.6	988.	85.3	941.	67.6	1336.
82.3	925.	88.2	880.	73.5	1249.
88.2	866.	97.1	823.	82.3	1091.
91.2	810.	100.0	769.	85.3	1020.
94.1	758.			88.2	954.
100.0	709.			94.1	834.
				100.0	779.

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	14143.	0.0	20420.	0.0	22022.
2.9	7854.	5.9	17460.	23.5	19048.
5.9	6780.	11.8	14929.	29.4	16476.
14.7	5853.	14.7	12765.	47.1	14251.
17.6	5052.	29.4	10915.	61.8	12326.
23.5	4361.	32.3	9333.	76.5	10661.
29.4	3765.	38.2	7980.	82.3	9222.
50.0	3250.	47.1	6823.	85.3	7976.
58.8	2806.	52.9	5834.	88.2	5967.
70.6	2422.	61.8	4988.	91.2	2889.
76.5	2091.	76.5	4265.	94.1	2161.
85.3	1805.	79.4	3647.	97.1	1617.
88.2	1558.	85.3	3118.	100.0	1399.
94.1	1345.	91.2	1949.		
97.1	1002.	94.1	1667.		
100.0	865.	97.1	1219.		
		100.0	1042.		
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33877.	0.0	44287.	0.0	75104.
8.8	29868.	2.9	37317.	2.9	51736.
20.6	26334.	5.9	34255.	5.9	39119.
23.5	23218.	11.8	31444.	11.8	35639.
41.2	20471.	26.5	28864.	20.6	32468.
52.9	18049.	35.3	24322.	26.5	29579.
61.8	15913.	47.1	22326.	41.2	26947.
70.6	14030.	67.6	20494.	61.8	24550.
85.3	12370.	73.5	18812.	67.6	22366.
88.2	9616.	82.3	17269.	70.6	20376.
91.2	5123.	88.2	15852.	85.3	18563.
94.1	4517.	91.2	13357.	91.2	15407.
97.1	3511.	94.1	12261.	97.1	14036.
100.0	3096.	97.1	9483.	100.0	12787.
		100.0	8705.		

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	58802.	0.0	50279.	0.0	39626.
2.9	54698.	2.9	43790.	2.9	36068.
5.9	47328.	5.9	40867.	5.9	34411.
11.8	44025.	8.8	38139.	17.6	32830.
17.6	38093.	26.5	35593.	20.6	31321.
20.6	35434.	29.4	33217.	26.5	29882.
38.2	32961.	35.3	30999.	32.3	28509.
41.2	30660.	41.2	28930.	41.2	27199.
44.1	28520.	50.0	26998.	50.0	25950.
52.9	26530.	55.9	25196.	61.8	24757.
58.8	24678.	61.8	23514.	70.6	23620.
67.6	22955.	73.5	21944.	73.5	22535.
73.5	21353.	79.4	19112.	76.5	21499.
76.5	19863.	88.2	16646.	79.4	20511.
82.3	17187.	91.2	15534.	85.3	19569.
97.1	15987.	97.1	14497.	91.2	16994.
100.0	14871.	100.0	13529.	100.0	16213.
WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	34220.	0.0	42128.	0.0	41184.
2.9	32637.	5.9	33170.	2.9	39081.
8.8	31128.	11.8	31621.	5.9	35192.
11.8	29688.	14.7	30145.	8.8	33395.
17.6	28315.	17.6	28737.	14.7	30071.
26.5	27005.	20.6	27395.	20.6	28536.
32.3	25756.	29.4	26116.	29.4	27079.
44.1	24564.	41.2	24897.	32.3	25696.
50.0	23428.	52.9	22626.	47.1	24384.
58.8	22344.	58.8	21570.	55.9	23139.
70.6	21311.	76.5	20563.	70.6	21957.
76.5	20325.	82.3	19603.	73.5	20836.
85.3	19385.	88.2	18687.	76.5	19772.
91.2	18488.	91.2	17815.	85.3	18762.
94.1	17633.	100.0	16983.	97.1	16032.
97.1	14590.			100.0	15214.
100.0	13915.				

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	36737.	0.0	38725.	0.0	44788.
2.9	35061.	8.8	34624.	2.9	37388.
5.9	33461.	11.8	32740.	5.9	29388.
11.8	31935.	20.6	29273.	11.8	27671.
14.7	30478.	26.5	27680.	17.6	26055.
17.6	27760.	35.3	26174.	35.3	24533.
29.4	26494.	47.1	24749.	44.1	23100.
41.2	25285.	58.8	23402.	55.9	21750.
50.0	21980.	70.6	22128.	70.6	20480.
67.6	20977.	82.3	20924.	79.4	19283.
73.5	20020.	88.2	19785.	91.2	18157.
76.5	19106.	91.2	18709.	94.1	17096.
91.2	17403.	94.1	17690.	97.1	15157.
94.1	16609.	97.1	14142.	100.0	14272.
97.1	15851.	100.0	13373.		
100.0	15128.				
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	54926.	0.0	44215.	0.0	43214.
2.9	49423.	2.9	39801.	2.9	38803.
5.9	40017.	5.9	32252.	5.9	28093.
8.8	32401.	8.8	26134.	11.8	25225.
11.8	26234.	17.6	23525.	23.5	22650.
23.5	23606.	35.3	21177.	35.3	20338.
41.2	21241.	58.8	19063.	44.1	18262.
64.7	19113.	67.6	17160.	52.9	16398.
82.3	17199.	82.3	15447.	58.8	14724.
91.2	15476.	91.2	13905.	79.4	13221.
97.1	8215.	97.1	6660.	85.3	11872.
100.0	7392.	100.0	5995.	97.1	6223.
				100.0	5587.

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	30087.	0.0	28972.
8.8	25520.	2.9	24326.
11.8	23503.	5.9	22290.
14.7	19935.	11.8	20424.
29.4	18360.	14.7	18715.
35.3	16909.	23.5	17149.
47.1	15573.	29.4	15714.
50.0	14342.	47.1	14399.
52.9	13209.	55.9	13194.
64.7	12165.	64.7	12090.
79.4	11204.	70.6	11078.
85.3	9503.	73.5	10151.
91.2	8752.	82.3	9301.
94.1	8061.	91.2	8523.
97.1	6837.	94.1	6557.
100.0	6297.	97.1	6008.
		100.0	5505.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	26584.	0.0	25068.
2.9	22162.	2.9	22910.
8.8	20235.	5.9	19135.
23.5	15403.	14.7	17487.
29.4	14064.	20.6	15982.
41.2	12841.	26.5	14606.
55.9	11724.	38.2	13348.
67.6	10705.	44.1	12199.
70.6	9774.	52.9	11149.
79.4	8148.	67.6	10189.
85.3	7440.	70.6	9312.
91.2	6793.	73.5	7777.
97.1	5171.	82.3	7108.
100.0	4721.	88.2	6496.
		97.1	4958.
		100.0	4531.

TABLE 15

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33220.	0.0	27840.	0.0	18397.
2.9	31391.	2.9	24746.	2.9	17444.
5.9	28030.	5.9	23331.	5.9	16540.
8.8	26486.	11.8	20739.	14.7	15683.
17.6	23650.	17.6	19553.	20.6	14870.
23.5	22348.	32.3	17380.	32.3	14099.
32.3	21118.	41.2	16386.	38.2	13369.
44.1	19955.	47.1	15449.	41.2	12676.
47.1	18856.	55.9	14565.	44.1	12019.
55.9	17818.	58.8	13732.	52.9	11396.
70.6	16837.	76.5	12947.	67.6	10805.
73.5	15910.	88.2	12206.	76.5	10245.
82.3	15034.	91.2	11508.	88.2	9714.
85.3	14206.	94.1	10230.	91.2	7852.
88.2	13424.	97.1	9644.	97.1	7059.
91.2	12685.	100.0	9093.	100.0	6693.
94.1	11987.				
100.0	11327.				
WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	18590.	0.0	10804.	0.0	10345.
2.9	14551.	11.8	10360.	2.9	9869.
5.9	13687.	17.6	9934.	8.8	9415.
11.8	12874.	23.5	9525.	11.8	8982.
14.7	12110.	29.4	9134.	14.7	8569.
20.6	11390.	32.3	8758.	26.5	7799.
38.2	10714.	41.2	8398.	32.3	7440.
44.1	10078.	50.0	8053.	44.1	7098.
58.8	9479.	58.8	7722.	61.8	6771.
70.6	8916.	64.7	7405.	64.7	5879.
73.5	8387.	67.6	7100.	73.5	5350.
79.4	7889.	73.5	6528.	76.5	5104.
82.3	7420.	76.5	6260.	79.4	4869.
85.3	6979.	79.4	6003.	85.3	4645.
91.2	6565.	82.3	5756.	91.2	4432.
97.1	6175.	85.3	5519.	100.0	4228.
100.0	5808.	88.2	5292.		
		94.1	5075.		
		100.0	4866.		

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10200.	0.0	7844.	0.0	7676.
2.9	8706.	2.9	7503.	2.9	7316.
5.9	8258.	11.8	7177.	5.9	6973.
8.8	7833.	14.7	6865.	14.7	6335.
14.7	7430.	17.6	6566.	20.6	6038.
23.5	7048.	26.5	6281.	32.3	5755.
32.3	6686.	35.3	6008.	47.1	5486.
47.1	6342.	50.0	5497.	50.0	5228.
50.0	6016.	55.9	5258.	52.9	4983.
61.8	5706.	64.7	5030.	61.8	4750.
67.6	5413.	67.6	4811.	64.7	4527.
73.5	5134.	76.5	4402.	67.6	4315.
79.4	4620.	79.4	4211.	79.4	4113.
82.3	4382.	85.3	4028.	82.3	3920.
88.2	4157.	88.2	3852.	91.2	3561.
91.2	3943.	94.1	3685.	94.1	3236.
100.0	3740.	97.1	3525.	100.0	3084.
		100.0	3372.		
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8155.	0.0	7119.	0.0	5828.
2.9	6531.	2.9	6114.	2.9	5583.
8.8	6179.	8.8	5811.	11.8	5349.
11.8	5845.	11.8	5524.	17.6	4910.
17.6	5529.	17.6	5250.	35.3	4704.
29.4	5231.	26.5	4990.	44.1	4507.
35.3	4948.	41.2	4744.	52.9	4318.
55.9	4681.	52.9	4409.	58.8	4137.
58.8	4189.	55.9	4286.	64.7	3963.
67.6	3963.	58.8	4074.	76.5	3797.
76.5	3749.	73.5	3872.	79.4	3638.
82.3	3546.	76.5	3680.	82.3	3199.
88.2	3355.	79.4	3498.	85.3	3065.
91.2	3174.	85.3	3325.	91.2	2937.
94.1	3002.	88.2	3161.	97.1	2695.
100.0	2840.	94.1	2856.	100.0	2582.
		100.0	2714.		

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	5735.	0.0	6521.	0.0	5448.
2.9	5486.	2.9	5256.	2.9	4974.
8.8	5248.	8.8	4981.	5.9	4753.
11.8	5021.	11.8	4719.	8.8	4541.
23.5	4803.	20.6	4472.	23.5	4339.
32.3	4595.	32.3	4237.	35.3	4146.
44.1	4396.	44.1	4015.	47.1	3785.
50.0	4205.	55.9	3804.	58.8	3617.
61.8	4023.	58.8	3605.	61.8	3456.
67.6	3848.	67.6	3416.	70.6	3302.
73.5	3682.	76.5	3237.	73.5	3155.
79.4	3369.	82.3	3067.	82.3	3014.
82.3	3083.	88.2	2906.	85.3	2880.
88.2	2950.	91.2	2754.	91.2	2752.
94.1	2822.	97.1	2472.	97.1	2401.
97.1	2582.	100.0	2343.	100.0	2294.
100.0	2471.				
WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	5029.	0.0	5077.	0.0	4626.
5.9	4605.	2.9	4854.	8.8	4263.
11.8	4407.	8.8	4436.	11.8	4092.
17.6	4217.	14.7	4241.	20.6	3771.
26.5	4036.	23.5	4054.	32.3	3620.
38.2	3862.	32.3	3876.	41.2	3475.
50.0	3537.	44.1	3705.	55.9	3336.
64.7	3385.	50.0	3542.	67.6	3202.
76.5	3099.	61.8	3386.	70.6	2951.
79.4	2966.	67.6	3237.	73.5	2833.
82.3	2838.	73.5	2958.	76.5	2719.
85.3	2716.	79.4	2828.	88.2	2610.
91.2	2599.	85.3	2704.	94.1	2506.
97.1	2278.	88.2	2585.	97.1	2217.
100.0	2180.	97.1	2258.	100.0	2128.
		100.0	2159.		

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4604.	0.0	4948.	0.0	4791.
5.9	4063.	2.9	4085.	2.9	4126.
11.8	3897.	8.8	3894.	5.9	3734.
14.7	3738.	11.8	3712.	14.7	3553.
23.5	3585.	14.7	3538.	20.6	3380.
29.4	3439.	23.5	3373.	35.3	3216.
44.1	3299.	38.2	3215.	41.2	3060.
52.9	3164.	50.0	3064.	55.9	2911.
58.8	3035.	64.7	2921.	67.6	2770.
67.6	2792.	67.6	2784.	70.6	2635.
70.6	2678.	76.5	2530.	76.5	2507.
79.4	2569.	88.2	2412.	82.3	2385.
91.2	2464.	94.1	2089.	91.2	2269.
94.1	2364.	100.0	1991.	94.1	2159.
97.1	2175.			97.1	1954.
100.0	2086.			100.0	1859.
WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4190.	0.0	3980.	0.0	3944.
2.9	4013.	5.9	3644.	2.9	3574.
5.9	3682.	8.8	3487.	14.7	3402.
8.8	3526.	14.7	3337.	17.6	3238.
17.6	3377.	23.5	3193.	29.4	3083.
26.5	3235.	29.4	3055.	35.3	2934.
32.3	3098.	35.3	2923.	47.1	2793.
41.2	2967.	50.0	2797.	52.9	2659.
55.9	2842.	55.9	2676.	64.7	2531.
58.8	2722.	61.8	2561.	67.6	2410.
64.7	2607.	64.7	2451.	79.4	2294.
70.6	2497.	79.4	2345.	85.3	2183.
79.4	2392.	85.3	2244.	91.2	2078.
85.3	2291.	88.2	2147.	97.1	1625.
88.2	2194.	94.1	2054.	100.0	1546.
94.1	2101.	97.1	1800.		
97.1	1928.	100.0	1722.		
100.0	1846.				

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4005.	0.0	3904.	0.0	4128.
5.9	3487.	5.9	3483.	2.9	4094.
8.8	3330.	11.8	3229.	5.9	3545.
17.6	3180.	26.5	3108.	11.8	3378.
29.4	3036.	32.3	2992.	29.4	3220.
32.3	2899.	41.2	2881.	38.2	3069.
47.1	2769.	47.1	2774.	47.1	2925.
52.9	2644.	55.9	2670.	52.9	2658.
61.8	2524.	58.8	2571.	55.9	2533.
73.5	2411.	67.6	2475.	73.5	2414.
76.5	2198.	73.5	2383.	76.5	2301.
88.2	2099.	76.5	2294.	85.3	2193.
94.1	1914.	79.4	2208.	91.2	2090.
97.1	1745.	88.2	2126.	97.1	1992.
100.0	1666.	91.2	2047.	100.0	1899.
		94.1	1971.		
		100.0	1897.		
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	4860.	0.0	5256.	0.0	6233.
2.9	4006.	2.9	4532.	2.9	5876.
5.9	3465.	5.9	4313.	11.8	5538.
23.5	3301.	8.8	3907.	17.6	5221.
35.3	3146.	26.5	3718.	29.4	4921.
41.2	2997.	38.2	3539.	35.3	4639.
50.0	2856.	47.1	3368.	38.2	4121.
55.9	2721.	52.9	3205.	47.1	3885.
58.8	2593.	61.8	3051.	50.0	3662.
76.5	2470.	73.5	2764.	58.8	3452.
88.2	2243.	76.5	2630.	64.7	3254.
94.1	2036.	88.2	2503.	73.5	3067.
100.0	1940.	94.1	2158.	82.3	2891.
		100.0	2054.	91.2	2569.
				94.1	2421.
				97.1	2151.
				100.0	2028.

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	23843.	0.0	40755.	0.0	45489.
2.9	15551.	2.9	36036.	8.8	40607.
5.9	12559.	8.8	31864.	17.6	36248.
17.6	11287.	17.6	24913.	26.5	32357.
20.6	10143.	23.5	22028.	52.9	28884.
26.5	9115.	29.4	19478.	64.7	23016.
32.3	8192.	35.3	17223.	76.5	20546.
41.2	7362.	47.1	13466.	82.3	18340.
52.9	6616.	64.7	10528.	85.3	14614.
58.8	5946.	76.5	9309.	88.2	11645.
67.6	5343.	82.3	8231.	91.2	9280.
82.3	4802.	88.2	7278.	94.1	8284.
88.2	4315.	91.2	5691.	97.1	5892.
94.1	3878.	97.1	4449.	100.0	5260.
97.1	3485.	100.0	3934.		
100.0	3132.				
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	71234.	0.0	77794.	0.0	159551.
2.9	64487.	5.9	73102.	2.9	101187.
8.8	58380.	8.8	68692.	5.9	92378.
14.7	52850.	11.8	64549.	8.8	76994.
23.5	47845.	26.5	60656.	20.6	70291.
29.4	43313.	41.2	56997.	32.3	64172.
35.3	39211.	44.1	53559.	38.2	58586.
52.9	35497.	47.1	50329.	52.9	53486.
70.6	32135.	52.9	47293.	70.6	48830.
76.5	29091.	61.8	44441.	76.5	44579.
79.4	23841.	67.6	41760.	79.4	40698.
88.2	21583.	70.6	39241.	91.2	37155.
91.2	14496.	79.4	36875.	97.1	30968.
97.1	11880.	85.3	34650.	100.0	28272.
100.0	10755.	88.2	32560.		
		91.2	27017.		
		94.1	25387.		
		100.0	23856.		

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	121442.	0.0	108645.	0.0	105830.
2.9	114165.	2.9	97626.	2.9	93013.
5.9	107325.	5.9	92543.	8.8	85342.
8.8	94849.	11.8	87725.	11.8	78304.
20.6	78801.	14.7	83157.	20.6	75006.
29.4	74079.	17.6	78828.	23.5	71847.
41.2	69641.	23.5	74724.	29.4	68820.
47.1	65468.	32.3	70833.	41.2	65922.
50.0	61545.	41.2	67145.	52.9	63145.
52.9	57858.	50.0	63649.	64.7	60485.
61.8	54391.	52.9	60335.	73.5	57938.
76.5	51132.	61.8	57194.	79.4	55497.
79.4	48068.	70.6	54216.	85.3	50921.
82.3	45188.	76.5	51393.	91.2	48776.
88.2	42481.	85.3	46181.	100.0	46721.
91.2	39935.	88.2	43776.		
100.0	37542.	94.1	41497.		
		100.0	39337.		
WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	79287.	0.0	115816.	0.0	97268.
2.9	76993.	2.9	95280.	11.8	77998.
5.9	74765.	5.9	82306.	23.5	74629.
11.8	70500.	11.8	78386.	29.4	71405.
17.6	68459.	17.6	74653.	38.2	68321.
23.5	66478.	32.3	71098.	44.1	65369.
29.4	64554.	35.3	67712.	61.8	62546.
44.1	62686.	44.1	64487.	67.6	59844.
50.0	60872.	47.1	61416.	76.5	57259.
58.8	59110.	64.7	58491.	79.4	54785.
64.7	57399.	76.5	55705.	82.3	52419.
76.5	55738.	88.2	53053.	91.2	47988.
79.4	54125.	94.1	50526.	97.1	43932.
85.3	52558.	97.1	48120.	100.0	42034.
91.2	49560.	100.0	45828.		
94.1	46733.				
100.0	45381.				

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	90572.	0.0	94330.	0.0	111405.
5.9	86867.	5.9	89942.	2.9	84361.
8.8	79907.	8.8	77966.	5.9	79797.
11.8	76639.	20.6	74339.	8.8	75481.
17.6	73504.	32.3	70881.	11.8	71397.
29.4	70498.	35.3	67584.	20.6	67535.
38.2	67614.	44.1	64441.	29.4	63882.
41.2	64849.	50.0	61443.	47.1	60426.
52.9	62196.	73.5	58585.	55.9	57157.
61.8	59653.	85.3	55860.	70.6	54066.
70.6	57213.	88.2	53262.	85.3	51141.
76.5	52628.	91.2	48422.	94.1	48374.
85.3	50476.	94.1	46170.	97.1	40941.
91.2	48411.	97.1	40022.	100.0	38726.
94.1	46431.	100.0	38161.		
97.1	42711.				
100.0	40964.				
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	134290.	0.0	111110.	0.0	87724.
2.9	109983.	2.9	90813.	2.9	67260.
5.9	90076.	5.9	82101.	5.9	61561.
11.8	81518.	8.8	74224.	11.8	56344.
14.7	73772.	14.7	67103.	26.5	51570.
17.6	66763.	20.6	60665.	35.3	47200.
32.3	60419.	35.3	54845.	50.0	43200.
41.2	54678.	55.9	49583.	64.7	39540.
67.6	49483.	70.6	44826.	73.5	36189.
82.3	44781.	85.3	40526.	88.2	33123.
94.1	40527.	94.1	36638.	97.1	17822.
97.1	22263.	97.1	18085.	100.0	16312.
100.0	20148.	100.0	16350.		

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	60065.	0.0	56593.
8.8	56391.	5.9	52854.
11.8	52941.	11.8	49362.
17.6	49702.	14.7	46100.
20.6	46662.	23.5	43055.
32.3	43807.	32.3	40210.
35.3	38611.	38.2	37554.
47.1	36249.	41.2	35072.
61.8	34031.	58.8	32755.
73.5	31950.	67.6	30591.
79.4	29995.	73.5	28570.
82.3	28160.	76.5	26682.
88.2	26437.	82.3	24920.
91.2	24820.	88.2	23273.
94.1	23302.	94.1	20300.
97.1	19281.	97.1	16536.
100.0	18102.	100.0	15444.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	76233.	0.0	79129.
2.9	52508.	2.9	48651.
8.8	43578.	8.8	44141.
17.6	39700.	11.8	40049.
20.6	36167.	23.5	36337.
35.3	32948.	32.3	32968.
47.1	30016.	38.2	29912.
55.9	27345.	47.1	27139.
67.6	24911.	64.7	24623.
76.5	22694.	79.4	22341.
91.2	18835.	85.3	18391.
97.1	14240.	91.2	15139.
100.0	12973.	94.1	13736.
		100.0	12463.

TABLE 16

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	67587.	0.0	83984.	0.0	55970.
11.8	58979.	2.9	69507.	11.8	44547.
17.6	55096.	5.9	57526.	14.7	41284.
23.5	51468.	8.8	52333.	17.6	38259.
26.5	48079.	17.6	47610.	20.6	35456.
35.3	44913.	26.5	43312.	29.4	32858.
47.1	41956.	35.3	39403.	50.0	30451.
50.0	39193.	50.0	35846.	70.6	24236.
52.9	36612.	64.7	32611.	82.3	22460.
55.9	34202.	73.5	29667.	91.2	19290.
58.8	31950.	82.3	26989.	94.1	17877.
76.5	29846.	88.2	24553.	97.1	14228.
85.3	27881.	91.2	22337.	100.0	13186.
88.2	26045.	94.1	15300.		
94.1	22728.	100.0	13919.		
97.1	19833.				
100.0	18527.				
WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	48305.	0.0	39253.	0.0	38868.
2.9	44520.	2.9	33509.	2.9	30185.
8.8	41030.	5.9	30960.	5.9	25502.
14.7	37815.	8.8	28604.	8.8	23441.
17.6	34851.	11.8	26429.	17.6	21547.
20.6	32120.	23.5	24418.	26.5	19805.
26.5	29602.	29.4	22561.	47.1	18204.
32.3	27282.	41.2	20845.	50.0	16733.
44.1	25144.	47.1	19259.	61.8	15381.
55.9	23174.	61.8	17794.	70.6	14137.
73.5	21357.	67.6	16440.	79.4	12995.
79.4	18141.	76.5	15190.	88.2	11944.
91.2	16719.	82.3	14034.	91.2	10979.
94.1	14201.	88.2	12967.	94.1	9276.
97.1	11117.	94.1	11980.	97.1	8526.
100.0	10246.	97.1	9449.	100.0	7837.
		100.0	8730.		

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	36966.	0.0	22308.	0.0	20191.
2.9	22904.	2.9	17798.	5.9	17898.
5.9	21148.	8.8	16821.	8.8	16851.
8.8	19526.	17.6	15024.	11.8	15865.
23.5	18029.	23.5	14199.	17.6	14937.
29.4	15370.	35.3	13420.	20.6	14063.
38.2	14192.	44.1	12683.	29.4	13240.
61.8	13103.	47.1	11986.	44.1	12465.
67.6	12099.	52.9	11328.	52.9	11736.
73.5	11171.	64.7	10706.	55.9	11050.
79.4	10314.	73.5	10118.	67.6	10403.
88.2	9523.	79.4	9563.	76.5	9221.
97.1	8793.	82.3	9038.	79.4	8682.
100.0	8119.	91.2	8073.	88.2	8174.
		100.0	7629.	94.1	7696.
				97.1	6822.
				100.0	6423.
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17374.	0.0	15301.	0.0	13199.
2.9	14582.	2.9	13797.	2.9	12599.
8.8	12975.	5.9	12440.	5.9	11480.
11.8	12239.	11.8	11813.	14.7	10958.
20.6	11544.	14.7	11217.	17.6	9985.
29.4	10890.	23.5	10651.	26.5	9531.
44.1	10272.	29.4	10114.	38.2	9098.
50.0	9689.	35.3	9604.	52.9	8685.
55.9	9140.	58.8	9120.	67.6	8290.
64.7	8621.	64.7	8660.	73.5	7913.
73.5	8132.	67.6	8223.	76.5	7554.
79.4	7671.	70.6	7808.	82.3	6883.
85.3	6825.	76.5	7415.	85.3	6570.
94.1	6073.	85.3	7041.	88.2	6271.
100.0	5728.	88.2	6686.	91.2	5986.
		91.2	6028.	94.1	5714.
		100.0	5724.	100.0	5455.

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12083.	0.0	11583.	0.0	10439.
5.9	11105.	5.9	10292.	2.9	10145.
8.8	10645.	11.8	9894.	5.9	9581.
11.8	10205.	17.6	9512.	8.8	9311.
17.6	9783.	38.2	9145.	20.6	9049.
20.6	9379.	47.1	8792.	23.5	8794.
32.3	8991.	50.0	8452.	32.3	8546.
50.0	8619.	52.9	8126.	47.1	8305.
58.8	8263.	64.7	7812.	61.8	8071.
70.6	7921.	73.5	7510.	67.6	7843.
73.5	7594.	79.4	7220.	70.6	7622.
76.5	7280.	85.3	6941.	82.3	7408.
85.3	6979.	91.2	6416.	85.3	7199.
88.2	6690.	97.1	5701.	91.2	6799.
91.2	6148.	100.0	5481.	94.1	6607.
97.1	5650.			97.1	6240.
100.0	5417.			100.0	6064.

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9939.	0.0	9510.	0.0	9939.
2.9	9730.	5.9	8932.	2.9	9461.
5.9	9128.	11.8	8566.	5.9	9231.
8.8	8935.	29.4	8389.	8.8	9006.
11.8	8747.	35.3	8216.	11.8	8787.
20.6	8563.	47.1	8046.	14.7	8573.
26.5	8382.	58.8	7879.	20.6	8364.
41.2	8206.	64.7	7716.	26.5	8161.
55.9	8033.	67.6	7557.	44.1	7768.
67.6	7864.	73.5	7401.	50.0	7579.
70.6	7698.	82.3	7098.	58.8	7394.
76.5	7536.	88.2	6807.	73.5	7214.
79.4	7377.	97.1	6529.	76.5	7039.
85.3	7070.	100.0	6394.	82.3	6867.
94.1	6921.			91.2	6700.
97.1	6775.			94.1	6378.
100.0	6632.			100.0	6223.

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9366.	0.0	9601.	0.0	9910.
5.9	9149.	2.9	9070.	2.9	9290.
14.7	8936.	8.8	8816.	5.9	8995.
17.6	8729.	14.7	8569.	11.8	8709.
20.6	8526.	17.6	8329.	14.7	8432.
23.5	8328.	26.5	8095.	23.5	8164.
26.5	8135.	32.3	7868.	26.5	7905.
35.3	7946.	38.2	7648.	32.3	7654.
38.2	7762.	44.1	7434.	38.2	7411.
47.1	7581.	47.1	7225.	44.1	7175.
58.8	7405.	58.8	7023.	47.1	6947.
61.8	7233.	61.8	6826.	55.9	6726.
64.7	7065.	73.5	6635.	67.6	6513.
76.5	6901.	85.3	6449.	82.3	6306.
82.3	6741.	91.2	6092.	85.3	6105.
94.1	6136.	97.1	5756.	94.1	5911.
100.0	5994.	100.0	5594.	97.1	5542.
				100.0	5366.
WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9238.	0.0	9003.	0.0	9138.
5.9	8960.	5.9	8478.	2.9	8077.
8.8	8429.	8.8	8227.	5.9	7831.
11.8	8176.	11.8	7748.	8.8	7363.
17.6	7930.	17.6	7296.	14.7	7139.
20.6	7691.	20.6	7081.	26.5	6922.
23.5	7460.	35.3	6871.	29.4	6712.
29.4	7236.	38.2	6668.	38.2	6508.
35.3	7018.	47.1	6471.	44.1	6310.
38.2	6807.	55.9	6279.	55.9	6118.
50.0	6602.	64.7	6093.	67.6	5932.
58.8	6403.	73.5	5913.	73.5	5752.
70.6	6211.	82.3	5738.	76.5	5577.
82.3	6024.	88.2	5569.	79.4	5408.
94.1	5331.	91.2	5404.	88.2	5243.
100.0	5171.	94.1	5244.	100.0	5084.
		100.0	5089.		

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8709.	0.0	8995.	0.0	9639.
2.9	8440.	2.9	8152.	2.9	8944.
5.9	7683.	8.8	7889.	5.9	7702.
11.8	7217.	11.8	7635.	8.8	7419.
17.6	6994.	14.7	7150.	17.6	6885.
20.6	6779.	23.5	6919.	26.5	6632.
29.4	6570.	26.5	6696.	38.2	6389.
35.3	6367.	44.1	6271.	41.2	6154.
38.2	6171.	50.0	6069.	55.9	5929.
58.8	5796.	55.9	5873.	64.7	5711.
70.6	5617.	67.6	5500.	76.5	5501.
76.5	5444.	79.4	5323.	79.4	5300.
82.3	5276.	82.3	5151.	91.2	5105.
91.2	5114.	91.2	4985.	97.1	4918.
97.1	4956.	100.0	4824.	100.0	4737.
100.0	4803.				
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10367.	0.0	12012.	0.0	17867.
2.9	8181.	2.9	10700.	2.9	14610.
14.7	7442.	5.9	9531.	5.9	13662.
17.6	7098.	11.8	8996.	8.8	12775.
23.5	6770.	14.7	8490.	14.7	11946.
38.2	6456.	23.5	8013.	20.6	10446.
50.0	6158.	29.4	7563.	29.4	9768.
52.9	5873.	32.3	7138.	35.3	9134.
55.9	5601.	47.1	6737.	41.2	8542.
76.5	5342.	55.9	6358.	44.1	7987.
85.3	5095.	64.7	6001.	58.8	7469.
91.2	4859.	76.5	5664.	61.8	6984.
97.1	4420.	82.3	5345.	76.5	6531.
100.0	4216.	88.2	5045.	85.3	6107.
		94.1	4761.	91.2	5711.
		97.1	4241.	94.1	5341.
		100.0	4003.	100.0	4994.

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	46189.	0.0	98184.	0.0	92950.
5.9	40519.	2.9	87137.	8.8	87595.
8.8	35546.	11.8	77334.	14.7	82548.
17.6	31183.	14.7	68633.	23.5	77791.
23.5	27355.	26.5	60911.	26.5	69085.
29.4	23997.	32.3	54058.	38.2	65105.
41.2	21052.	35.3	47976.	44.1	61354.
47.1	16201.	50.0	42578.	52.9	57818.
52.9	14212.	52.9	33536.	70.6	54487.
58.8	12468.	55.9	29763.	76.5	51348.
61.8	10937.	64.7	26414.	79.4	42974.
73.5	9595.	67.6	23442.	82.3	40498.
76.5	8417.	70.6	20805.	88.2	35965.
82.3	7384.	76.5	18464.	91.2	33893.
85.3	6477.	82.3	16387.	97.1	31940.
94.1	5682.	91.2	14543.	100.0	30100.
97.1	4373.	94.1	11455.		
100.0	3836.	100.0	10166.		

WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	98572.	0.0	128642.	0.0	158302.
5.9	94532.	5.9	121860.	2.9	150919.
8.8	90657.	11.8	115436.	5.9	143881.
14.7	86941.	23.5	109351.	17.6	130774.
20.6	83378.	35.3	98126.	23.5	118860.
29.4	79961.	44.1	88053.	29.4	113317.
41.2	76683.	55.9	83411.	41.2	108032.
50.0	73540.	58.8	79014.	52.9	102994.
55.9	70526.	64.7	74848.	64.7	98191.
64.7	67636.	70.6	70903.	73.5	93612.
67.6	64863.	79.4	67165.	79.4	85084.
82.3	62205.	82.3	63624.	85.3	81116.
85.3	59655.	94.1	57093.	88.2	77333.
88.2	57210.	97.1	48531.	94.1	70288.
91.2	48392.	100.0	45973.	97.1	67010.
97.1	46409.			100.0	63885.
100.0	44506.				

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	173173.	0.0	172459.	0.0	182317.
8.8	147765.	2.9	151505.	2.9	170462.
11.8	132932.	8.8	145102.	5.9	149015.
17.6	126084.	11.8	138970.	11.8	144089.
20.6	119588.	20.6	133097.	14.7	139326.
38.2	113428.	26.5	127472.	23.5	134720.
50.0	107584.	32.3	122085.	32.3	130267.
55.9	96785.	44.1	116925.	41.2	125960.
67.6	91799.	50.0	111984.	55.9	121796.
76.5	87070.	58.8	107251.	64.7	117770.
82.3	82584.	70.6	102719.	76.5	113877.
85.3	78330.	79.4	98378.	91.2	102953.
94.1	66837.	82.3	94220.	94.1	99549.
100.0	63394.	88.2	86425.	100.0	96259.
		94.1	79274.		
		100.0	75924.		
WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	161560.	0.0	190047.	0.0	190762.
5.9	152360.	2.9	169214.	5.9	183032.
14.7	143685.	5.9	162791.	8.8	168500.
20.6	139534.	14.7	156611.	11.8	161672.
26.5	131589.	23.5	150665.	17.6	155121.
35.3	127788.	32.3	144946.	26.5	142805.
44.1	124096.	38.2	139443.	35.3	137019.
47.1	120511.	41.2	134149.	38.2	131467.
55.9	117030.	44.1	129057.	50.0	126140.
64.7	113649.	50.0	124157.	58.8	121028.
70.6	110366.	64.7	119444.	76.5	116124.
73.5	107178.	70.6	114910.	79.4	111419.
76.5	104082.	76.5	110547.	85.3	102572.
91.2	98155.	85.3	106351.	88.2	98416.
94.1	95320.	94.1	102313.	91.2	94428.
100.0	92566.	97.1	94693.	94.1	90602.
		100.0	91098.	100.0	86931.

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	180859.	0.0	199200.	0.0	176896.
5.9	173786.	2.9	176021.	2.9	166021.
11.8	160457.	5.9	168910.	5.9	155813.
17.6	154182.	8.8	162087.	8.8	150948.
23.5	142357.	11.8	149256.	11.8	146234.
29.4	136789.	14.7	143227.	14.7	141667.
32.3	131439.	17.6	137441.	20.6	137243.
41.2	126299.	29.4	131889.	32.3	132958.
44.1	121359.	35.3	126561.	35.3	124783.
55.9	116613.	52.9	121449.	44.1	120887.
61.8	112052.	55.9	116542.	61.8	117112.
67.6	107669.	67.6	111835.	67.6	113454.
76.5	103458.	79.4	107317.	73.5	109911.
82.3	99412.	85.3	102982.	82.3	106479.
88.2	95524.	91.2	98822.	88.2	103154.
91.2	91788.	94.1	94830.	91.2	99933.
97.1	88198.	100.0	90999.	100.0	96812.
100.0	84748.				
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	206921.	0.0	134729.	0.0	115687.
2.9	196194.	11.8	128555.	2.9	111092.
5.9	158564.	14.7	122663.	8.8	106680.
8.8	150344.	17.6	111679.	11.8	102443.
11.8	142550.	38.2	106561.	14.7	98374.
17.6	135159.	44.1	101677.	17.6	94466.
29.4	128152.	61.8	97018.	26.5	90714.
35.3	121508.	70.6	92572.	35.3	87111.
44.1	115209.	76.5	88329.	55.9	83652.
52.9	109236.	82.3	84282.	64.7	80329.
64.7	103573.	91.2	80419.	67.6	77139.
82.3	98204.	94.1	76734.	70.6	74075.
85.3	93112.	97.1	57910.	73.5	71133.
91.2	79368.	100.0	55256.	79.4	68307.
100.0	75254.			91.2	65594.
				94.1	62989.
				97.1	55778.
				100.0	53562.

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	100655.	0.0	101944.
5.9	96169.	8.8	96824.
8.8	91883.	14.7	91962.
11.8	87788.	20.6	87343.
20.6	83875.	26.5	82957.
26.5	76566.	29.4	78791.
44.1	73153.	35.3	74834.
50.0	69893.	44.1	71076.
58.8	66778.	50.0	67506.
67.6	63802.	58.8	64116.
73.5	60959.	64.7	57838.
79.4	55646.	76.5	54933.
82.3	53166.	79.4	52175.
85.3	48533.	82.3	47066.
91.2	46370.	85.3	44702.
94.1	44303.	88.2	40325.
100.0	42329.	100.0	38300.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	174746.	0.0	116180.
2.9	147415.	5.9	107880.
8.8	114220.	20.6	100172.
11.8	104908.	23.5	93015.
14.7	96356.	32.3	86369.
26.5	88500.	35.3	80199.
32.3	81285.	38.2	74469.
41.2	74658.	41.2	69148.
44.1	68572.	47.1	64208.
52.9	62981.	52.9	59620.
67.6	57847.	61.8	55361.
73.5	53131.	64.7	51405.
79.4	44821.	73.5	47733.
88.2	41167.	76.5	44322.
91.2	37811.	82.3	41156.
100.0	34728.	88.2	38215.
		91.2	35485.
		94.1	30596.
		100.0	28410.

TABLE 17

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15101.	0.0	13218.	0.0	12076.
2.9	13588.	23.5	12612.	5.9	11560.
11.8	12889.	29.4	11482.	14.7	11067.
20.6	12226.	41.2	10956.	23.5	10594.
29.4	11597.	52.9	10453.	26.5	10142.
32.3	11001.	58.8	9974.	35.3	9709.
41.2	10435.	61.8	9517.	38.2	9294.
44.1	9898.	64.7	8664.	44.1	8898.
55.9	9389.	73.5	7888.	50.0	8518.
61.8	8906.	76.5	5952.	58.8	8154.
67.6	8448.	88.2	5679.	67.6	7806.
70.6	6840.	100.0	5419.	70.6	7473.
73.5	6154.			73.5	7154.
76.5	5838.			79.4	5751.
100.0	5537.			88.2	5506.
				100.0	5271.

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12543.	0.0	10705.	0.0	10323.
2.9	11415.	2.9	10335.	11.8	9985.
5.9	10388.	8.8	9978.	14.7	9659.
8.8	9910.	17.6	9300.	17.6	9342.
11.8	9454.	20.6	8979.	23.5	9037.
23.5	9019.	44.1	8669.	38.2	8741.
29.4	8604.	50.0	8369.	50.0	8455.
50.0	8208.	64.7	8080.	64.7	8178.
55.9	7830.	70.6	7801.	70.6	7910.
61.8	7470.	76.5	7020.	76.5	7401.
73.5	7126.	79.4	6099.	79.4	6061.
76.5	6485.	82.3	5888.	82.3	5863.
79.4	5630.	91.2	5685.	91.2	5671.
88.2	5371.	100.0	5489.	100.0	5486.
100.0	5124.				

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12312.	0.0	12493.	0.0	12375.
2.9	11307.	20.6	11963.	23.5	11804.
8.8	10836.	38.2	11455.	47.1	11259.
23.5	10384.	52.9	10969.	73.5	10739.
44.1	9951.	73.5	10504.	79.4	8479.
61.8	9536.	79.4	5979.	82.3	5541.
73.5	9139.	85.3	5725.	88.2	5285.
79.4	5970.	100.0	5483.	100.0	5041.
85.3	5721.				
100.0	5483.				

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12541.	0.0	12490.	0.0	12396.
11.8	11953.	5.9	11923.	2.9	11837.
35.3	11393.	29.4	11383.	29.4	11303.
58.8	10859.	52.9	10867.	58.8	10793.
76.5	10350.	76.5	10374.	82.3	10305.
82.3	9865.	85.3	9455.	91.2	5654.
85.3	5547.	88.2	8617.	94.1	5398.
91.2	5287.	91.2	5418.	100.0	5155.
100.0	5039.	100.0	5173.		

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12374.	0.0	11549.	0.0	10192.
2.9	11837.	5.9	11156.	14.7	9910.
20.6	11323.	17.6	10777.	32.3	9636.
50.0	10831.	35.3	10411.	47.1	9369.
76.5	10361.	55.9	10058.	61.8	9109.
94.1	5565.	73.5	9716.	73.5	8857.
100.0	5324.	91.2	9386.	91.2	8612.
		94.1	6200.	94.1	6323.
		100.0	5989.	97.1	6148.
				100.0	5978.

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10263.	0.0	9848.	0.0	9453.
11.8	9975.	8.8	9592.	11.8	9188.
20.6	9695.	11.8	9342.	17.6	8931.
41.2	9423.	23.5	9099.	35.3	8680.
61.8	9158.	47.1	8862.	58.8	8437.
67.6	8901.	64.7	8631.	70.6	8201.
88.2	8651.	73.5	8407.	88.2	7971.
94.1	6324.	88.2	8188.	94.1	5830.
97.1	6147.	94.1	6290.	97.1	5666.
100.0	5974.	97.1	6126.	100.0	5507.
		100.0	5967.		

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10206.	0.0	8945.	0.0	9656.
5.9	9881.	11.8	8720.	8.8	9377.
17.6	9566.	20.6	8501.	20.6	9106.
41.2	9261.	47.1	8288.	50.0	8844.
61.8	8966.	61.8	8080.	61.8	8588.
79.4	8680.	67.6	7877.	85.3	8341.
94.1	5885.	85.3	7679.	94.1	5869.
97.1	5697.	94.1	5955.	97.1	5700.
100.0	5515.	97.1	5660.	100.0	5535.
		100.0	5517.		

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9749.	0.0	9692.	0.0	8802.
8.8	9412.	11.8	9359.	11.8	8543.
38.2	9086.	35.3	9039.	29.4	8292.
61.8	8772.	64.7	8729.	47.1	8049.
94.1	7356.	97.1	5172.	67.6	7812.
97.1	5174.	100.0	4995.	94.1	7583.
100.0	4995.			97.1	5146.
				100.0	4995.

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10827.	0.0	10898.	0.0	10133.
17.6	10395.	5.9	10460.	2.9	9763.
52.9	9980.	32.3	10039.	5.9	9406.
94.1	9582.	61.8	9635.	20.6	9062.
97.1	5203.	97.1	5204.	50.0	8731.
100.0	4995.	100.0	4995.	82.3	8412.
				97.1	5184.
				100.0	4995.
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8067.	0.0	5073.	0.0	5110.
2.9	7481.	2.9	5051.	2.9	5092.
8.8	7296.	5.9	5004.	5.9	5073.
20.6	7115.	100.0	4995.	8.8	5049.
35.3	6938.			11.8	5037.
41.2	6766.			14.7	5031.
58.8	6598.			17.6	5001.
82.3	6435.			100.0	4995.
94.1	6275.				
97.1	5132.				
100.0	5005.				

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	6649.	0.0	7640.	0.0	7860.
2.9	6027.	2.9	7543.	2.9	7639.
100.0	5994.	5.9	7167.	8.8	7531.
		8.8	7076.	17.6	7424.
		11.8	6639.	23.5	7319.
		14.7	6471.	26.5	7215.
		20.6	6389.	29.4	7113.
		23.5	6308.	32.3	7012.
		26.5	6228.	35.3	6815.
		29.4	6071.	47.1	6623.
		100.0	5994.	52.9	6530.
				58.8	6437.
				67.6	6346.
				70.6	6256.
				73.5	6167.
				76.5	6080.
				100.0	5994.
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13911.	0.0	14494.	0.0	15059.
2.9	9759.	2.9	9107.	2.9	13021.
8.8	9336.	5.9	8693.	5.9	12404.
14.7	8931.	8.8	8298.	8.8	11258.
20.6	8544.	20.6	7922.	14.7	10725.
23.5	8174.	32.3	7562.	17.6	9734.
32.3	7820.	35.3	7218.	20.6	9273.
47.1	7481.	41.2	6891.	23.5	8834.
55.9	7156.	55.9	6578.	26.5	8416.
67.6	6846.	70.6	6279.	29.4	8018.
76.5	6549.	100.0	5994.	35.3	7638.
85.3	6266.			50.0	7277.
100.0	5994.			64.7	6932.
				67.6	6604.
				76.5	6292.
				100.0	5994.

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16675.	0.0	15131.	0.0	12685.
2.9	15801.	2.9	14411.	8.8	12194.
5.9	14972.	5.9	13726.	14.7	11722.
11.8	14187.	17.6	13073.	29.4	11269.
14.7	13444.	20.6	12451.	35.3	10011.
17.6	12071.	26.5	11859.	38.2	9624.
20.6	11438.	29.4	10757.	41.2	8549.
23.5	10838.	32.3	10246.	50.0	8219.
29.4	9222.	35.3	9294.	52.9	7595.
35.3	8738.	38.2	8852.	58.8	7301.
50.0	7846.	47.1	8431.	67.6	7019.
55.9	7435.	50.0	7648.	70.6	6747.
58.8	7045.	55.9	7284.	76.5	6486.
67.6	6676.	58.8	6938.	82.3	6235.
76.5	6326.	70.6	6608.	100.0	5994.
100.0	5994.	79.4	6293.		
		100.0	5994.		
WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	14276.	0.0	15598.	0.0	15699.
11.8	13660.	2.9	14903.	5.9	14953.
23.5	13071.	5.9	14239.	8.8	14242.
29.4	10484.	14.7	13605.	23.5	13565.
32.3	9598.	29.4	12999.	38.2	12920.
38.2	8788.	35.3	10834.	44.1	11721.
41.2	8409.	38.2	8243.	47.1	10128.
47.1	8046.	44.1	7875.	50.0	8752.
58.8	7699.	58.8	7525.	55.9	7940.
67.6	7366.	73.5	7190.	61.8	7562.
79.4	7049.	88.2	6869.	70.6	7203.
91.2	6744.	100.0	6563.	82.3	6860.
97.1	6453.			97.1	6534.
100.0	6175.			100.0	6224.

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	14885.	0.0	26700.	0.0	36193.
8.8	14224.	5.9	20788.	2.9	30399.
17.6	13592.	11.8	15203.	5.9	25532.
41.2	12989.	17.6	14281.	8.8	24090.
44.1	12412.	26.5	13415.	11.8	21444.
50.0	11861.	50.0	12601.	14.7	16994.
52.9	8247.	67.6	11837.	17.6	14273.
61.8	7881.	70.6	9216.	20.6	13467.
64.7	7531.	73.5	8657.	41.2	12706.
67.6	7196.	100.0	8132.	100.0	11988.
85.3	6877.				
94.1	6572.				
100.0	6280.				

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	41765.	0.0	38898.	0.0	38827.
5.9	36623.	5.9	34365.	5.9	30317.
8.8	26370.	8.8	25211.	8.8	26789.
11.8	23123.	14.7	23697.	14.7	23672.
20.6	20276.	20.6	22274.	20.6	19663.
23.5	17780.	23.5	20936.	26.5	18483.
26.5	16649.	32.3	19678.	32.3	17375.
32.3	14599.	35.3	17385.	38.2	16333.
38.2	13671.	52.9	15359.	44.1	15353.
44.1	12802.	55.9	14436.	50.0	14432.
100.0	11988.	58.8	12754.	58.8	12753.
		100.0	11988.	100.0	11988.

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33117.	0.0	28972.
2.9	29758.	2.9	22968.
5.9	24027.	5.9	20931.
11.8	22775.	11.8	19981.
14.7	20465.	14.7	19074.
17.6	19399.	17.6	18209.
29.4	18389.	20.6	17382.
32.3	16524.	26.5	15122.
41.2	15663.	41.2	14435.
44.1	13341.	47.1	13780.
50.0	12647.	50.0	13155.
100.0	11988.	58.8	12558.
		100.0	11988.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	21879.	0.0	25068.
2.9	20768.	2.9	23250.
8.8	19714.	5.9	19999.
14.7	18714.	8.8	18548.
20.6	17764.	14.7	17203.
23.5	14423.	20.6	15955.
29.4	13691.	26.5	14797.
38.2	12996.	32.3	13724.
44.1	12336.	35.3	12728.
52.9	11710.	47.1	11805.
55.9	11115.	55.9	10949.
64.7	10551.	64.7	10154.
67.6	8567.	67.6	6968.
100.0	8132.	73.5	6463.
		100.0	5994.

TABLE 18

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33220.	0.0	30658.	0.0	23221.
5.9	29793.	2.9	28912.	2.9	20980.
8.8	28215.	5.9	27267.	8.8	19942.
14.7	26720.	11.8	25714.	23.5	18956.
17.6	25304.	14.7	24250.	29.4	18018.
23.5	23963.	29.4	22870.	32.3	17126.
35.3	22693.	32.3	21568.	41.2	16279.
41.2	21491.	38.2	20340.	50.0	15474.
50.0	20352.	47.1	19182.	58.8	14708.
55.9	19274.	55.9	18090.	64.7	13980.
67.6	18253.	67.6	17060.	76.5	12631.
70.6	17286.	73.5	16089.	85.3	12006.
76.5	16370.	76.5	15173.	88.2	11412.
82.3	15502.	79.4	14310.	94.1	10311.
85.3	14681.	85.3	13495.	97.1	9316.
88.2	13903.	94.1	12727.	100.0	8855.
94.1	13166.	97.1	10675.		
97.1	12469.	100.0	10067.		
100.0	11808.				
WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	22543.	0.0	16074.	0.0	16143.
2.9	18409.	14.7	15544.	2.9	15575.
5.9	17500.	23.5	15031.	8.8	15027.
11.8	16636.	26.5	14536.	11.8	14499.
17.6	15815.	29.4	14056.	23.5	13989.
29.4	15034.	41.2	13593.	26.5	13497.
41.2	14292.	47.1	13144.	35.3	13022.
50.0	13586.	55.9	12711.	52.9	12564.
64.7	12915.	61.8	12292.	55.9	11695.
70.6	12278.	64.7	11886.	64.7	11284.
73.5	11671.	67.6	11494.	67.6	10887.
76.5	11095.	73.5	11115.	76.5	10504.
82.3	10547.	79.4	10394.	82.3	10134.
88.2	10026.	88.2	10051.	88.2	9102.
94.1	9531.	91.2	9399.	91.2	8782.
97.1	9061.	97.1	8789.	94.1	8473.
100.0	8613.	100.0	8499.	100.0	8175.

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17579.	0.0	16804.	0.0	16461.
2.9	16190.	11.8	16157.	11.8	15795.
8.8	15537.	17.6	15535.	20.6	15156.
14.7	14910.	35.3	14937.	41.2	14542.
20.6	14309.	44.1	14363.	52.9	13954.
44.1	13732.	58.8	13810.	64.7	13389.
50.0	13178.	70.6	13278.	73.5	12847.
61.8	12647.	73.5	12767.	82.3	8857.
70.6	12137.	79.4	9700.	85.3	8498.
76.5	11648.	82.3	9327.	88.2	7824.
79.4	10295.	85.3	8968.	100.0	7507.
82.3	9481.	88.2	8291.		
88.2	8732.	100.0	7972.		
91.2	8380.				
100.0	8042.				
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16377.	0.0	15925.	0.0	15478.
2.9	15708.	2.9	15292.	2.9	14885.
11.8	15065.	11.8	14685.	17.6	14316.
23.5	14449.	29.4	14102.	38.2	13768.
50.0	13858.	50.0	13541.	55.9	13241.
55.9	13291.	67.6	13004.	76.5	12735.
70.6	12748.	73.5	12487.	79.4	12248.
79.4	12226.	82.3	11991.	91.2	8291.
85.3	8396.	85.3	11515.	94.1	7974.
91.2	7723.	88.2	11057.	97.1	7669.
100.0	7408.	91.2	8326.	100.0	7376.
		97.1	7678.		
		100.0	7373.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15166.	0.0	15129.	0.0	13238.
8.8	14600.	2.9	14149.	2.9	12889.
20.6	14054.	11.8	13683.	5.9	12550.
44.1	13529.	17.6	13232.	14.7	12219.
67.6	13024.	32.3	12796.	35.3	11897.
76.5	12537.	52.9	12375.	47.1	11584.
91.2	12069.	64.7	11967.	58.8	11279.
94.1	7939.	82.3	11573.	70.6	10982.
97.1	7642.	91.2	11192.	82.3	10692.
100.0	7357.	94.1	8279.	91.2	10136.
		100.0	8006.	94.1	8187.
				100.0	7971.

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12819.	0.0	12422.	0.0	11748.
5.9	12491.	2.9	12110.	8.8	11438.
11.8	12172.	8.8	11805.	17.6	11137.
23.5	11861.	17.6	11508.	23.5	10844.
47.1	11557.	32.3	11218.	47.1	10558.
52.9	11262.	50.0	10936.	67.6	10280.
73.5	10974.	67.6	10661.	73.5	10009.
76.5	10694.	73.5	10393.	82.3	9745.
88.2	10420.	76.5	10131.	91.2	9489.
91.2	10154.	91.2	9628.	94.1	7664.
94.1	8043.	94.1	8055.	97.1	7265.
100.0	7837.	97.1	7852.	100.0	7074.
		100.0	7654.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12393.	0.0	11848.	0.0	12358.
5.9	12029.	2.9	11212.	2.9	11642.
11.8	11676.	5.9	10907.	5.9	11300.
26.5	11333.	11.8	10610.	17.6	10967.
52.9	11000.	17.6	10321.	38.2	10645.
67.6	10677.	44.1	10040.	67.6	10331.
73.5	10363.	64.7	9767.	76.5	10028.
91.2	10059.	76.5	9501.	88.2	9733.
94.1	7691.	85.3	9243.	91.2	9446.
97.1	7246.	88.2	8991.	94.1	7665.
100.0	7033.	94.1	7619.	97.1	7220.
		97.1	7210.	100.0	7008.
		100.0	7014.		
WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11980.	0.0	11770.	0.0	10844.
5.9	11611.	5.9	11418.	2.9	10565.
8.8	11253.	14.7	11077.	14.7	10294.
29.4	10907.	32.3	10745.	26.5	10029.
58.8	10571.	55.9	10424.	41.2	9771.
73.5	10245.	76.5	10112.	52.9	9520.
88.2	9930.	91.2	9810.	67.6	9275.
94.1	8762.	94.1	9517.	85.3	9037.
97.1	6822.	97.1	6815.	94.1	8578.
100.0	6611.	100.0	6611.	97.1	6786.
				100.0	6611.

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12765.	0.0	12700.	0.0	12358.
5.9	12330.	5.9	12271.	2.9	11577.
29.4	11911.	20.6	11857.	5.9	11205.
52.9	11506.	47.1	11456.	26.5	10845.
73.5	11114.	70.6	11069.	47.1	10496.
94.1	10736.	91.2	10696.	55.9	10159.
97.1	6845.	97.1	6843.	79.4	9833.
100.0	6612.	100.0	6612.	94.1	9517.
				97.1	6865.
				100.0	6644.
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10424.	0.0	7899.	0.0	8907.
2.9	9524.	2.9	7606.	5.9	8410.
5.9	9103.	5.9	7511.	8.8	8251.
20.6	8900.	11.8	7417.	17.6	8095.
35.3	8701.	17.6	7143.	29.4	7942.
44.1	8506.	35.3	6965.	32.3	7791.
52.9	8316.	38.2	6878.	38.2	7357.
58.8	8131.	58.8	6792.	47.1	7218.
82.3	7949.	61.8	6707.	50.0	7081.
85.3	7771.	64.7	6624.	58.8	6947.
91.2	7598.	79.4	6541.	70.6	6815.
97.1	6941.	88.2	6459.	76.5	6686.
100.0	6786.	94.1	6299.	88.2	6559.
		100.0	6220.	94.1	6435.
				97.1	6313.
				100.0	6194.

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16348.	0.0	29592.	0.0	40625.
2.9	15187.	5.9	27776.	2.9	32484.
5.9	14107.	8.8	26072.	5.9	30150.
8.8	13597.	11.8	20239.	11.8	27984.
11.8	12174.	20.6	18997.	14.7	25974.
14.7	11733.	23.5	17831.	29.4	24108.
17.6	11308.	26.5	16737.	47.1	22376.
20.6	10899.	29.4	15711.	50.0	20769.
26.5	10505.	32.3	14747.	55.9	19277.
38.2	10125.	44.1	13842.	64.7	17892.
47.1	9758.	55.9	12993.	67.6	16607.
55.9	9405.	64.7	12196.	76.5	15414.
67.6	9065.	73.5	10745.	82.3	14307.
76.5	8737.	76.5	10086.	85.3	13279.
91.2	8421.	91.2	9467.	88.2	12325.
100.0	8116.	100.0	8886.	97.1	10618.
				100.0	9855.

WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	50357.	0.0	48000.	0.0	99506.
8.8	38259.	11.8	43492.	2.9	61317.
11.8	35719.	17.6	41400.	5.9	56564.
17.6	31134.	26.5	39408.	8.8	52179.
26.5	29067.	32.3	37511.	14.7	48134.
29.4	27137.	44.1	35707.	32.3	44402.
52.9	25336.	47.1	33989.	35.3	40960.
64.7	23654.	52.9	32353.	38.2	37785.
76.5	20618.	58.8	30797.	50.0	34855.
79.4	17971.	64.7	29315.	67.6	32153.
85.3	16778.	70.6	26562.	76.5	29661.
91.2	15664.	73.5	25284.	85.3	27361.
97.1	14624.	79.4	24067.	97.1	23284.
100.0	13653.	82.3	22909.	100.0	21479.
		85.3	21807.		
		88.2	20758.		
		97.1	19759.		
		100.0	18808.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16348.	0.0	29592.	0.0	40625.
2.9	15187.	5.9	27776.	2.9	32484.
5.9	14107.	8.8	26072.	5.9	30150.
8.8	13597.	11.8	20239.	11.8	27984.
11.8	12174.	20.6	18997.	14.7	25974.
14.7	11733.	23.5	17831.	29.4	24108.
17.6	11308.	26.5	16737.	47.1	22376.
20.6	10899.	29.4	15711.	50.0	20769.
26.5	10505.	32.3	14747.	55.9	19277.
38.2	10125.	44.1	13842.	64.7	17892.
47.1	9758.	55.9	12993.	67.6	16607.
55.9	9405.	64.7	12196.	76.5	15414.
67.6	9065.	73.5	10745.	82.3	14307.
76.5	8737.	76.5	10086.	85.3	13279.
91.2	8421.	91.2	9467.	88.2	12325.
100.0	8116.	100.0	8886.	97.1	10618.
				100.0	9855.

WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	50357.	0.0	48000.	0.0	99506.
8.8	38259.	11.8	43492.	2.9	61317.
11.8	35719.	17.6	41400.	5.9	56564.
17.6	31134.	26.5	39408.	8.8	52179.
26.5	29067.	32.3	37511.	14.7	48134.
29.4	27137.	44.1	35707.	32.3	44402.
52.9	25336.	47.1	33989.	35.3	40960.
64.7	23654.	52.9	32353.	38.2	37785.
76.5	20618.	58.8	30797.	50.0	34855.
79.4	17971.	64.7	29315.	67.6	32153.
85.3	16778.	70.6	26562.	76.5	29661.
91.2	15664.	73.5	25284.	85.3	27361.
97.1	14624.	79.4	24067.	97.1	23284.
100.0	13653.	82.3	22909.	100.0	21479.
		85.3	21807.		
		88.2	20758.		
		97.1	19759.		
		100.0	18808.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16348.	0.0	29592.	0.0	40625.
2.9	15187.	5.9	27776.	2.9	32484.
5.9	14107.	8.8	26072.	5.9	30150.
8.8	13597.	11.8	20239.	11.8	27984.
11.8	12174.	20.6	18997.	14.7	25974.
14.7	11733.	23.5	17831.	29.4	24108.
17.6	11308.	26.5	16737.	47.1	22376.
20.6	10899.	29.4	15711.	50.0	20769.
26.5	10505.	32.3	14747.	55.9	19277.
38.2	10125.	44.1	13842.	64.7	17892.
47.1	9758.	55.9	12993.	67.6	16607.
55.9	9405.	64.7	12196.	76.5	15414.
67.6	9065.	73.5	10745.	82.3	14307.
76.5	8737.	76.5	10086.	85.3	13279.
91.2	8421.	91.2	9467.	88.2	12325.
100.0	8116.	100.0	8886.	97.1	10618.
				100.0	9855.
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	50357.	0.0	48000.	0.0	99506.
8.8	38259.	11.8	43492.	2.9	61317.
11.8	35719.	17.6	41400.	5.9	56564.
17.6	31134.	26.5	39408.	8.8	52179.
26.5	29067.	32.3	37511.	14.7	48134.
29.4	27137.	44.1	35707.	32.3	44402.
52.9	25336.	47.1	33989.	35.3	40960.
64.7	23654.	52.9	32353.	38.2	37785.
76.5	20618.	58.8	30797.	50.0	34855.
79.4	17971.	64.7	29315.	67.6	32153.
85.3	16778.	70.6	26562.	76.5	29661.
91.2	15664.	73.5	25284.	85.3	27361.
97.1	14624.	79.4	24067.	97.1	23284.
100.0	13653.	82.3	22909.	100.0	21479.
		85.3	21807.		
		88.2	20758.		
		97.1	19759.		
		100.0	18808.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	70349.	0.0	73860.	0.0	82997.
2.9	67505.	5.9	70785.	5.9	66834.
8.8	64776.	8.8	67837.	8.8	64000.
11.8	59644.	14.7	62305.	17.6	58689.
23.5	57233.	23.5	59711.	20.6	56201.
32.3	54919.	26.5	57225.	35.3	53818.
38.2	52699.	29.4	54842.	50.0	51537.
44.1	50568.	41.2	52558.	52.9	49352.
52.9	48523.	55.9	50370.	70.6	47259.
70.6	46562.	64.7	48272.	79.4	45256.
73.5	44679.	79.4	46262.	91.2	43337.
79.4	41139.	82.3	44336.	94.1	41500.
82.3	39476.	85.3	42490.	97.1	38056.
88.2	37880.	91.2	39025.	100.0	36443.
91.2	36349.	94.1	35843.		
94.1	34879.	97.1	34350.		
97.1	33469.	100.0	32920.		
100.0	32116.				

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	121129.	0.0	100411.	0.0	83336.
2.9	102480.	2.9	92775.	2.9	67872.
5.9	86703.	5.9	79201.	8.8	59192.
8.8	73354.	8.8	67613.	14.7	55277.
11.8	67472.	11.8	62471.	20.6	51622.
14.7	62061.	23.5	57721.	23.5	45020.
17.6	57084.	29.4	53331.	41.2	42043.
32.3	52506.	44.1	49276.	55.9	39262.
47.1	48295.	52.9	45528.	70.6	36666.
70.6	44422.	70.6	42066.	85.3	34241.
85.3	40860.	88.2	38867.	91.2	31977.
91.2	37583.	91.2	35911.	97.1	24321.
94.1	34569.	94.1	33181.	100.0	22712.
97.1	26902.	97.1	24182.		
100.0	24744.	100.0	22343.		

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	61668.	0.0	56593.
5.9	55785.	2.9	53838.
8.8	53058.	11.8	48724.
14.7	50464.	14.7	46352.
17.6	47997.	20.6	44095.
23.5	45651.	29.4	37964.
32.3	39277.	38.2	36116.
41.2	37357.	50.0	34358.
52.9	35531.	64.7	31094.
64.7	33794.	73.5	28140.
73.5	32141.	85.3	26770.
79.4	30570.	91.2	25467.
82.3	29076.	97.1	23048.
88.2	27654.	100.0	21926.
94.1	25016.		
100.0	23793.		

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	67741.	0.0	79129.
2.9	54140.	2.9	48777.
5.9	50243.	8.8	44278.
8.8	43270.	11.8	40194.
14.7	40155.	20.6	36487.
17.6	37265.	32.3	33122.
23.5	34582.	35.3	30067.
41.2	32093.	44.1	27294.
47.1	29783.	61.8	24777.
55.9	27639.	73.5	22491.
58.8	25649.	82.3	20417.
70.6	23803.	85.3	18534.
79.4	22090.	91.2	15273.
88.2	20499.	97.1	13864.
91.2	19024.	100.0	12585.
97.1	17654.		
100.0	16384.		

TABLE 19

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	69321.	0.0	87119.	0.0	60477.
11.8	60495.	2.9	73427.	8.8	56546.
20.6	52792.	5.9	61888.	11.8	46221.
29.4	49317.	8.8	56817.	14.7	43217.
38.2	46070.	14.7	52161.	17.6	40408.
47.1	43038.	23.5	47887.	23.5	37782.
50.0	40204.	35.3	43964.	38.2	35326.
52.9	37558.	47.1	40361.	55.9	33030.
55.9	35085.	64.7	37054.	67.6	30883.
64.7	32776.	67.6	34018.	70.6	28876.
79.4	30618.	79.4	31231.	73.5	26999.
88.2	26720.	85.3	28672.	88.2	25244.
91.2	24961.	88.2	26323.	91.2	20635.
97.1	20349.	91.2	22186.	97.1	18040.
100.0	19009.	94.1	18699.	100.0	16867.
		100.0	17167.		

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	52258.	0.0	44524.	0.0	44666.
2.9	45558.	2.9	37086.	2.9	37030.
8.8	42537.	5.9	34893.	5.9	30699.
14.7	39716.	8.8	32831.	8.8	28839.
20.6	34624.	11.8	30890.	17.6	27092.
29.4	32328.	20.6	29064.	29.4	25451.
38.2	30184.	35.3	25730.	41.2	23909.
47.1	28183.	50.0	24209.	44.1	22460.
61.8	26314.	61.8	22778.	58.8	21100.
73.5	24569.	64.7	21431.	70.6	19821.
79.4	22940.	73.5	20165.	73.5	18621.
82.3	21419.	85.3	18973.	85.3	16433.
88.2	19998.	88.2	17851.	88.2	15437.
91.2	18672.	94.1	15803.	97.1	14502.
94.1	17434.	97.1	14869.	100.0	13623.
97.1	15199.	100.0	13990.		
100.0	14191.				

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	44344.	0.0	31268.	0.0	29414.
2.9	30669.	2.9	27038.	5.9	26820.
5.9	27122.	5.9	25760.	11.8	25610.
17.6	25505.	14.7	24541.	14.7	24454.
23.5	23985.	20.6	23381.	17.6	23351.
26.5	22555.	32.3	22275.	26.5	22297.
41.2	21211.	41.2	21222.	50.0	21291.
58.8	19947.	50.0	20218.	55.9	20331.
67.6	18758.	61.8	19262.	58.8	19413.
73.5	17640.	67.6	18351.	61.8	18538.
82.3	16588.	76.5	17483.	67.6	17701.
88.2	15599.	79.4	16656.	76.5	16903.
91.2	14670.	85.3	15118.	79.4	16140.
100.0	13795.	88.2	14403.	82.3	15412.
		97.1	13073.	85.3	14716.
		100.0	12455.	88.2	14052.
				91.2	13418.
				97.1	12813.
				100.0	12235.
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	26842.	0.0	24525.	0.0	22422.
2.9	24243.	2.9	23424.	5.9	21490.
5.9	23039.	5.9	21369.	11.8	20596.
8.8	21895.	14.7	20410.	17.6	19740.
20.6	20808.	23.5	19494.	23.5	18919.
35.3	19775.	47.1	18619.	44.1	18132.
44.1	18793.	55.9	17783.	61.8	17378.
52.9	17860.	61.8	16985.	70.6	16655.
67.6	16973.	79.4	16223.	76.5	15962.
73.5	16130.	85.3	15495.	82.3	15299.
82.3	15329.	91.2	13501.	91.2	12908.
88.2	13845.	94.1	11764.	94.1	11857.
91.2	13158.	97.1	10731.	97.1	10438.
94.1	12504.	100.0	10250.	100.0	10004.
97.1	10733.				
100.0	10200.				

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	21306.	0.0	20191.	0.0	18229.
5.9	20473.	5.9	19046.	5.9	17452.
11.8	19672.	14.7	18498.	8.8	17075.
20.6	18903.	26.5	17966.	23.5	16707.
35.3	18164.	47.1	17449.	32.3	16347.
58.8	17453.	52.9	16947.	52.9	15994.
70.6	16771.	61.8	16460.	64.7	15649.
85.3	16115.	70.6	15986.	73.5	15312.
88.2	15484.	85.3	15526.	82.3	14982.
94.1	11711.	88.2	15079.	88.2	14658.
97.1	10390.	91.2	14224.	91.2	14033.
100.0	9984.	94.1	12657.	94.1	12861.
		97.1	11939.	97.1	12312.
		100.0	11595.	100.0	12047.

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17729.	0.0	16855.	0.0	17061.
2.9	17395.	5.9	16278.	2.9	16722.
5.9	17067.	11.8	15996.	5.9	16390.
8.8	16746.	29.4	15720.	8.8	16065.
17.6	16430.	44.1	15448.	11.8	15746.
29.4	16121.	55.9	15182.	23.5	15433.
52.9	15817.	64.7	14919.	32.3	15127.
67.6	15519.	73.5	14661.	44.1	14827.
73.5	15227.	79.4	14408.	55.9	14532.
82.3	14940.	85.3	14159.	73.5	14244.
88.2	14659.	91.2	13915.	76.5	13961.
94.1	13078.	94.1	12754.	85.3	13684.
97.1	12590.	97.1	12317.	91.2	13412.
100.0	12353.	100.0	12104.	94.1	11891.

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17156.	0.0	16501.	0.0	17478.
14.7	16781.	2.9	16119.	2.9	17003.
17.6	16413.	8.8	15746.	5.9	16542.
23.5	16054.	14.7	15381.	14.7	16093.
35.3	15703.	23.5	15025.	23.5	15657.
47.1	15359.	32.3	14677.	32.3	15232.
61.8	15023.	44.1	14338.	44.1	14819.
73.5	14694.	50.0	14006.	50.0	14417.
85.3	14372.	67.6	13681.	76.5	14025.
88.2	14058.	79.4	13365.	85.3	13645.
94.1	12040.	88.2	13055.	91.2	13275.
97.1	11519.	91.2	12753.	94.1	11892.
100.0	11267.	94.1	11888.	97.1	10653.
		97.1	10825.	100.0	10364.
		100.0	10574.		
WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17028.	0.0	16793.	0.0	16038.
5.9	16618.	5.9	16388.	2.9	14952.
8.8	16219.	11.8	15609.	8.8	14270.
14.7	15829.	17.6	15233.	20.6	13940.
20.6	15448.	20.6	14866.	29.4	13618.
29.4	15076.	38.2	14508.	41.2	13304.
35.3	14714.	52.9	14158.	55.9	12997.
52.9	14360.	64.7	13817.	70.6	12696.
67.6	14014.	82.3	13485.	73.5	12403.
88.2	13027.	88.2	13160.	88.2	12117.
94.1	12408.	97.1	10828.	97.1	10532.
97.1	10986.	100.0	10567.	100.0	10289.
100.0	10721.				

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17612.	0.0	17676.	0.0	17206.
2.9	17112.	2.9	16658.	2.9	16744.
5.9	16627.	14.7	15699.	5.9	15432.
11.8	16156.	35.3	15240.	8.8	15018.
20.6	15698.	47.1	14795.	17.6	14615.
35.3	15253.	64.7	14362.	26.5	14222.
55.9	14821.	76.5	13943.	41.2	13841.
67.6	14401.	94.1	13535.	52.9	13469.
88.2	13993.	97.1	10365.	70.6	13108.
97.1	10496.	100.0	10062.	82.3	12756.
100.0	10199.			94.1	12413.
				97.1	10544.
				100.0	10261.

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15932.	0.0	15545.	0.0	20856.
2.9	14008.	2.9	13544.	2.9	18163.
5.9	13652.	5.9	12642.	5.9	16564.
14.7	13305.	11.8	11801.	8.8	15819.
17.6	12637.	26.5	11401.	11.8	15106.
23.5	12316.	32.3	11015.	20.6	13776.
38.2	12003.	35.3	10642.	26.5	13156.
47.1	11698.	38.2	10282.	29.4	12564.
50.0	11401.	55.9	9934.	38.2	11998.
58.8	11111.	64.7	9597.	41.2	11458.
73.5	10829.	82.3	9272.	52.9	10942.
88.2	10554.	91.2	8958.	67.6	10449.
97.1	10024.	94.1	8655.	76.5	9979.
100.0	9769.	97.1	8362.	91.2	9529.
		100.0	8079.	97.1	9100.

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	47362.	0.0	90854.	0.0	84890.
5.9	43156.	5.9	81389.	8.8	79340.
8.8	39322.	14.7	72911.	14.7	74153.
11.8	35830.	20.6	58511.	20.6	69305.
14.7	32647.	26.5	52416.	26.5	64774.
20.6	29747.	35.3	46956.	32.3	60539.
23.5	27105.	38.2	42064.	38.2	56582.
38.2	24698.	47.1	37682.	47.1	52882.
41.2	22504.	50.0	33757.	61.8	49425.
44.1	18684.	52.9	30240.	70.6	46194.
52.9	17024.	61.8	27090.	73.5	43174.
58.8	15512.	67.6	24268.	82.3	37713.
61.8	14134.	73.5	21740.	91.2	35248.
67.6	12879.	85.3	19475.	94.1	26895.
79.4	11735.	88.2	17446.	97.1	25137.
91.2	10693.	91.2	14001.	100.0	23493.
94.1	8877.	97.1	12542.		
100.0	8089.	100.0	11236.		
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	84200.	0.0	112509.	0.0	131944.
8.8	80022.	5.9	103915.	5.9	124635.
14.7	76052.	17.6	95978.	8.8	117723.
17.6	72278.	23.5	88647.	14.7	105026.
23.5	68692.	29.4	81876.	32.3	93699.
35.3	65283.	44.1	75623.	44.1	88502.
47.1	62044.	55.9	69846.	58.8	83593.
52.9	58965.	58.8	64512.	64.7	78957.
67.6	56039.	67.6	59584.	70.6	74577.
70.6	53259.	76.5	55033.	79.4	70441.
79.4	50616.	85.3	50830.	82.3	66534.
94.1	48105.	91.2	46947.	85.3	62844.
97.1	33688.	94.1	43361.	91.2	59358.
100.0	32016.	97.1	26919.	94.1	56066.
		100.0	24863.	97.1	47245.
				100.0	44624.

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	148210.	0.0	147702.	0.0	152001.
5.9	138026.	2.9	128563.	5.9	128184.
8.8	128541.	8.8	122751.	8.8	123889.
11.8	111482.	17.6	117202.	17.6	119737.
17.6	103821.	20.6	111904.	23.5	115725.
29.4	96686.	23.5	106845.	32.3	111847.
35.3	90042.	29.4	102015.	41.2	108099.
47.1	83855.	38.2	97403.	67.6	104477.
61.8	78093.	50.0	93000.	70.6	100976.
73.5	72726.	67.6	88796.	82.3	97592.
82.3	67729.	73.5	84782.	85.3	94322.
85.3	63074.	82.3	80949.	94.1	85154.
91.2	58740.	85.3	77290.	97.1	82300.
94.1	54704.	88.2	67275.	100.0	79542.
97.1	41147.	97.1	64233.		
100.0	38320.	100.0	61330.		

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	144825.	0.0	172483.	0.0	171636.
5.9	140460.	2.9	151939.	2.9	164585.
8.8	136227.	5.9	145649.	8.8	157824.
11.8	132121.	11.8	139621.	11.8	151340.
14.7	128139.	26.5	133841.	14.7	145123.
17.6	124278.	32.3	128301.	17.6	139161.
23.5	120532.	35.3	122990.	23.5	133445.
26.5	116899.	44.1	117900.	26.5	127963.
32.3	113376.	50.0	113019.	32.3	122706.
47.1	109959.	61.8	108341.	38.2	117665.
50.0	103431.	70.6	103857.	50.0	112831.
61.8	100314.	73.5	99558.	64.7	108196.
67.6	97291.	79.4	95437.	73.5	103751.
70.6	94358.	85.3	91486.	79.4	99489.
76.5	91515.	94.1	87699.	82.3	91483.
85.3	88756.	97.1	80589.	85.3	87725.
91.2	86081.	100.0	77254.	88.2	80665.
94.1	83487.			100.0	77352.
100.0	80971.				

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	166982.	0.0	175996.	0.0	163454.
2.9	159960.	2.9	162283.	5.9	144202.
5.9	153233.	5.9	155832.	8.8	139754.
11.8	146789.	8.8	149638.	11.8	135444.
14.7	140616.	11.8	132494.	14.7	131266.
20.6	134703.	14.7	127227.	17.6	127218.
23.5	129038.	23.5	122170.	29.4	123294.
32.3	123611.	38.2	117314.	35.3	119491.
35.3	118413.	44.1	112650.	44.1	115806.
38.2	113433.	50.0	108173.	52.9	112234.
44.1	108663.	55.9	103873.	55.9	108772.
50.0	104093.	70.6	99744.	64.7	105417.
58.8	99716.	82.3	91972.	73.5	102166.
67.6	95522.	88.2	88316.	82.3	99015.
76.5	91505.	94.1	84805.	88.2	95961.
85.3	87657.	100.0	81434.	91.2	93001.
91.2	80439.			100.0	90133.
94.1	77057.				
100.0	73816.				
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	200602.	0.0	135823.	0.0	120174.
2.9	178630.	5.9	124901.	2.9	111694.
5.9	150100.	14.7	119774.	5.9	107681.
8.8	141642.	20.6	114857.	8.8	100082.
11.8	133660.	23.5	110142.	14.7	96486.
26.5	126127.	29.4	105621.	20.6	93020.
29.4	119020.	35.3	101285.	23.5	89678.
47.1	105983.	50.0	97127.	32.3	86456.
61.8	100011.	55.9	93140.	44.1	83349.
70.6	94375.	64.7	89317.	52.9	80355.
85.3	89056.	76.5	85650.	61.8	77468.
91.2	84038.	88.2	82134.	70.6	72001.
94.1	74833.	94.1	78763.	79.4	69414.
97.1	70616.	97.1	63871.	91.2	66920.
100.0	66636.	100.0	61249.	94.1	62198.
				100.0	59963.

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	97555.	0.0	101944.
2.9	93834.	5.9	96824.
11.8	86812.	11.8	91962.
20.6	83501.	20.6	87343.
26.5	77252.	26.5	82957.
32.3	74305.	29.4	78791.
44.1	71471.	35.3	74834.
50.0	68745.	44.1	71076.
58.8	66123.	52.9	67506.
67.6	63601.	61.8	64116.
76.5	61175.	64.7	60896.
79.4	54438.	70.6	57838.
85.3	50364.	76.5	54933.
88.2	48443.	79.4	52175.
100.0	46595.	82.3	49554.
		85.3	47066.
		91.2	44702.
		97.1	40325.
		100.0	38300.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	166253.	0.0	116180.
2.9	141358.	5.9	107880.
8.8	110827.	20.6	100172.
11.8	102193.	23.5	93015.
17.6	94231.	32.3	86369.
26.5	86890.	35.3	80199.
35.3	80120.	38.2	74469.
41.2	73879.	41.2	69148.
44.1	68123.	47.1	64208.
52.9	62816.	52.9	59620.
67.6	57922.	58.8	55361.
73.5	53409.	64.7	51405.
79.4	45412.	70.6	47733.
88.2	41874.	73.5	44322.
91.2	38611.	76.5	41156.
100.0	35603.	85.3	38215.
		94.1	30596.
		100.0	28410.

TABLE 20

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15101.	0.0	11159.	0.0	11254.
2.9	13491.	47.1	10707.	14.7	10783.
5.9	12751.	67.6	10272.	76.5	5441.
8.8	11391.	70.6	8704.	85.3	5213.
41.2	10767.	73.5	5520.	100.0	4995.
47.1	10176.	79.4	5296.		
52.9	9618.	100.0	5081.		
61.8	9091.				
64.7	7255.				
67.6	5473.				
100.0	5173.				

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11679.	0.0	11799.	0.0	12508.
2.9	11168.	76.5	11311.	76.5	11989.
5.9	10680.	79.4	5757.	79.4	6092.
79.4	5223.	85.3	5519.	82.3	5839.
100.0	4995.	100.0	5291.	100.0	5597.

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12911.	0.0	12808.	0.0	13078.
2.9	12355.	2.9	12261.	14.7	12525.
79.4	6108.	79.4	8280.	82.3	11004.
82.3	5845.	82.3	5841.	85.3	6012.
100.0	5593.	100.0	5591.	100.0	5758.

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13737.	0.0	13728.	0.0	13807.
73.5	13176.	70.6	13176.	61.8	13246.
76.5	12638.	73.5	12647.	67.6	12193.
79.4	12121.	76.5	11651.	70.6	11223.
82.3	11626.	82.3	11183.	76.5	10331.
85.3	11151.	85.3	10733.	85.3	9912.
88.2	8683.	91.2	8055.	94.1	6550.
91.2	6485.	94.1	6561.	100.0	6284.
100.0	6220.	100.0	6298.		

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13899.	0.0	13022.	0.0	12913.
35.3	13338.	8.8	12493.	5.9	12387.
55.9	12800.	44.1	11498.	41.2	11397.
58.8	12284.	47.1	11030.	44.1	10933.
61.8	11788.	58.8	10582.	52.9	10487.
64.7	11313.	70.6	10152.	76.5	10060.
67.6	10857.	82.3	9739.	94.1	9649.
73.5	10419.	97.1	6170.	97.1	6105.
82.3	9998.	100.0	5919.	100.0	5856.
91.2	9595.				
94.1	9208.				
97.1	6624.				
100.0	6357.				

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13031.	0.0	13110.	0.0	12982.
5.9	12495.	2.9	12568.	5.9	12451.
35.3	11016.	29.4	11073.	26.5	11452.
47.1	10562.	35.3	10615.	29.4	10983.
70.6	10128.	50.0	10176.	52.9	10534.
94.1	9711.	76.5	9756.	79.4	10102.
97.1	6118.	97.1	6132.	97.1	6118.
100.0	5866.	100.0	5878.	100.0	5867.

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12516.	0.0	12488.	0.0	12357.
14.7	11549.	14.7	10223.	5.9	11422.
20.6	11093.	17.6	9822.	14.7	9759.
23.5	10656.	26.5	9437.	23.5	9383.
29.4	10236.	58.8	9067.	35.3	9021.
55.9	9833.	79.4	8711.	61.8	8673.
76.5	9445.	97.1	6077.	88.2	8338.
97.1	6069.	100.0	5838.	97.1	6087.
100.0	5830.			100.0	5852.

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11811.	0.0	9478.	0.0	9024.
2.9	8963.	2.9	9185.	11.8	8768.
11.8	8617.	11.8	8901.	20.6	8520.
32.3	8284.	14.7	8625.	47.1	8278.
61.8	7964.	38.2	8358.	67.6	8044.
88.2	7656.	58.8	8099.	94.1	7816.
97.1	5810.	94.1	7848.	97.1	5378.
100.0	5585.	97.1	5380.	100.0	5226.
		100.0	5214.		

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9299.	0.0	11328.	0.0	10058.
5.9	9023.	97.1	5469.	97.1	5182.
17.6	8755.	100.0	5252.	100.0	4995.
29.4	8494.				
52.9	8242.				
82.3	7997.				
97.1	5401.				
100.0	5241.				
WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10107.	0.0	8480.	0.0	8534.
97.1	6302.	5.9	6242.	2.9	5138.
100.0	6139.	8.8	5742.	100.0	4995.
		14.7	5430.		
		20.6	5281.		
		29.4	5136.		
		100.0	4995.		

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	7643.	0.0	6280.	0.0	6525.
2.9	6071.	2.9	6038.	2.9	6324.
100.0	5994.	5.9	6009.	5.9	6268.
		100.0	5994.	11.8	6240.
				20.6	6184.
				23.5	6021.
				100.0	5994.
WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8816.	0.0	9264.	0.0	12078.
2.9	7965.	2.9	8074.	2.9	11219.
5.9	7648.	5.9	7712.	5.9	9330.
11.8	7196.	8.8	7538.	8.8	8051.
17.6	7051.	17.6	7367.	14.7	7759.
23.5	6771.	26.5	7200.	23.5	7478.
26.5	6634.	32.3	7037.	26.5	7208.
35.3	6501.	35.3	6722.	32.3	6947.
44.1	6370.	44.1	6569.	52.9	6695.
47.1	6242.	52.9	6421.	64.7	6453.
52.9	6117.	61.8	6275.	70.6	6219.
100.0	5994.	70.6	6133.	100.0	5994.
		100.0	5994.		

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12982.	0.0	13698.	0.0	11998.
5.9	11968.	2.9	13115.	8.8	11568.
8.8	10171.	5.9	12556.	23.5	11153.
11.8	9765.	17.6	12022.	35.3	10367.
14.7	9376.	23.5	11020.	38.2	9995.
17.6	9002.	26.5	8127.	41.2	8327.
20.6	7968.	32.3	7782.	44.1	7740.
26.5	7651.	38.2	7450.	50.0	7163.
41.2	7346.	41.2	7133.	55.9	6937.
47.1	7053.	52.9	6830.	61.8	6688.
52.9	6772.	58.8	6539.	67.6	6448.
61.8	6502.	73.5	6260.	76.5	6217.
70.6	6243.	100.0	5994.	100.0	5994.
100.0	5994.				

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11315.	0.0	12249.	0.0	11970.
11.8	10943.	2.9	11362.	2.9	11542.
17.6	10583.	8.8	10942.	8.8	11129.
29.4	10235.	20.6	10538.	11.8	10732.
38.2	8659.	26.5	7234.	20.6	10348.
41.2	7575.	32.3	6967.	26.5	8626.
44.1	7085.	35.3	6710.	29.4	7457.
47.1	6852.	38.2	6462.	32.3	7191.
50.0	6627.	50.0	6224.	35.3	6934.
61.8	6409.	100.0	5994.	44.1	6686.
64.7	6198.			47.1	6447.
100.0	5994.			52.9	6216.
				100.0	5994.

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11879.	0.0	13505.	0.0	28800.
5.9	11459.	2.9	12137.	2.9	23947.
11.8	11054.	5.9	11817.	11.8	12554.
17.6	10663.	11.8	11203.	100.0	11988.
26.5	10286.	17.6	10908.		
29.4	9922.	23.5	10620.		
32.3	9571.	32.3	10340.		
35.3	7712.	38.2	10068.		
38.2	7176.	41.2	9803.		
41.2	6678.	44.1	9293.		
52.9	6441.	47.1	9048.		
58.8	6214.	50.0	8810.		
100.0	5994.	55.9	8578.		
		61.8	8352.		
		100.0	8132.		
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	42051.	0.0	39557.	0.0	39089.
5.9	26484.	2.9	37148.	2.9	36732.
8.8	23206.	5.9	25480.	5.9	28640.
14.7	19035.	8.8	23928.	8.8	23764.
17.6	13681.	17.6	21103.	11.8	20984.
20.6	12807.	26.5	18611.	14.7	19719.
100.0	11988.	29.4	14475.	20.6	18529.
		32.3	12765.	23.5	16362.
		100.0	11988.	29.4	15375.
				32.3	14448.
				35.3	12757.
				100.0	11988.

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	32854.	0.0	22451.
2.9	29546.	2.9	21017.
5.9	23896.	8.8	18416.
11.8	20379.	11.8	17239.
14.7	18327.	17.6	15106.
20.6	16482.	26.5	14615.
29.4	15630.	32.3	14140.
32.3	13330.	38.2	13681.
38.2	12641.	41.2	13236.
100.0	11988.	44.1	12807.
		47.1	12391.
		100.0	11988.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	21879.	0.0	25068.
2.9	20768.	2.9	23250.
5.9	19714.	5.9	18548.
8.8	18714.	11.8	17203.
11.8	17764.	17.6	15955.
14.7	14423.	20.6	14797.
17.6	13691.	29.4	13724.
26.5	12996.	32.3	12728.
29.4	12336.	44.1	11805.
38.2	11710.	55.9	10949.
41.2	11115.	61.8	10154.
50.0	10551.	64.7	6968.
52.9	10016.	67.6	6463.
58.8	9507.	100.0	5994.
67.6	8567.		
100.0	8132.		

TABLE 21

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33220.	0.0	28599.	0.0	21966.
2.9	31408.	2.9	27017.	5.9	20903.
5.9	28075.	5.9	25523.	14.7	19892.
14.7	26544.	8.8	24112.	20.6	18930.
17.6	25096.	17.6	22779.	44.1	18014.
20.6	23727.	23.5	21519.	52.9	17142.
32.3	22433.	35.3	20329.	64.7	16313.
41.2	21209.	41.2	19205.	76.5	12115.
47.1	20052.	58.8	18143.	85.3	11528.
61.8	17924.	73.5	17140.	91.2	9935.
73.5	16947.	76.5	15297.	97.1	8997.
76.5	16022.	79.4	14451.	100.0	8561.
82.3	15148.	82.3	13652.		
85.3	14322.	85.3	12897.		
88.2	13541.	91.2	12184.		
94.1	12802.	94.1	10874.		
97.1	12104.	97.1	10272.		
100.0	11444.	100.0	9704.		

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	21679.	0.0	18876.	0.0	18436.
2.9	19628.	2.9	18076.	5.9	17676.
5.9	18677.	8.8	17309.	20.6	16947.
8.8	17771.	35.3	16575.	44.1	16248.
26.5	16910.	52.9	15873.	55.9	15577.
55.9	16090.	58.8	15200.	64.7	14935.
58.8	15311.	70.6	14555.	79.4	11121.
70.6	14568.	79.4	11224.	82.3	10222.
79.4	11943.	82.3	10748.	88.2	9009.
82.3	10813.	85.3	10292.	91.2	8637.
85.3	9790.	88.2	9856.	100.0	8281.
97.1	8864.	91.2	9438.		
100.0	8435.	94.1	9038.		
		97.1	8655.		
		100.0	8288.		

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17664.	0.0	16917.	0.0	16874.
5.9	16959.	8.8	16272.	14.7	16233.
17.6	16283.	20.6	15651.	32.3	15617.
47.1	15634.	50.0	15054.	64.7	15025.
64.7	15010.	70.6	14480.	79.4	14454.
76.5	14412.	79.4	11467.	82.3	13378.
79.4	9992.	82.3	9441.	85.3	9444.
82.3	9594.	85.3	9081.	91.2	8409.
88.2	8491.	88.2	8401.	100.0	8090.
100.0	8153.	100.0	8081.		
WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17311.	0.0	16961.	0.0	16793.
8.8	16661.	14.7	16337.	17.6	16183.
32.3	16034.	50.0	15736.	55.9	15596.
67.6	15431.	70.6	15157.	64.7	15030.
76.5	14851.	76.5	14063.	67.6	14485.
79.4	14293.	82.3	13546.	70.6	13959.
82.3	13756.	85.3	13047.	73.5	13452.
88.2	10930.	88.2	12567.	79.4	12964.
91.2	9743.	91.2	11231.	85.3	12040.
94.1	9377.	94.1	9312.	88.2	11603.
97.1	8685.	97.1	8639.	94.1	8958.
100.0	8359.	100.0	8322.	97.1	8633.
				100.0	8320.

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	16717.	0.0	16310.	0.0	15456.
17.6	16112.	2.9	15685.	8.8	14894.
44.1	15528.	11.8	15084.	32.3	14352.
58.8	14966.	35.3	14506.	41.2	13326.
61.8	14424.	44.1	13950.	55.9	12841.
64.7	13902.	47.1	13415.	67.6	12373.
67.6	13399.	52.9	12901.	85.3	11923.
73.5	12914.	73.5	12407.	94.1	11489.
85.3	11996.	88.2	11931.	97.1	7929.
94.1	11562.	91.2	11474.	100.0	7640.
97.1	8608.	94.1	11034.		
100.0	8297.	97.1	8072.		
		100.0	7762.		
WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15145.	0.0	15137.	0.0	15100.
20.6	14610.	11.8	14604.	11.8	14567.
35.3	13117.	29.4	13592.	23.5	14053.
52.9	12653.	32.3	13113.	26.5	13557.
67.6	12207.	41.2	12651.	32.3	13079.
79.4	11776.	55.9	12205.	47.1	12617.
94.1	11360.	76.5	11775.	73.5	12172.
97.1	7929.	85.3	11360.	88.2	11742.
100.0	7649.	94.1	10960.	94.1	11328.
		97.1	7935.	97.1	7908.
		100.0	7655.	100.0	7629.

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	14703.	0.0	14554.	0.0	14229.
11.8	14199.	11.8	14059.	5.9	13755.
17.6	13242.	14.7	13121.	8.8	13297.
20.6	12788.	17.6	11829.	14.7	12427.
26.5	12350.	23.5	11427.	17.6	11613.
35.3	11926.	38.2	11039.	23.5	11226.
61.8	11518.	64.7	10664.	32.3	10852.
73.5	11123.	76.5	10302.	55.9	10491.
94.1	10741.	91.2	9952.	70.6	10142.
97.1	7847.	97.1	7814.	88.2	9804.
100.0	7578.	100.0	7548.	94.1	9478.
				97.1	7735.
				100.0	7478.
WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13855.	0.0	11667.	0.0	11066.
2.9	11269.	2.9	11343.	2.9	10790.
5.9	10887.	5.9	11027.	14.7	10520.
8.8	10519.	8.8	10721.	26.5	10257.
23.5	10162.	14.7	10423.	38.2	10001.
50.0	9818.	29.4	10133.	52.9	9751.
70.6	9486.	52.9	9852.	67.6	9507.
82.3	9165.	64.7	9578.	85.3	9270.
94.1	8855.	85.3	9312.	94.1	8812.
97.1	7454.	94.1	9053.	97.1	7018.
100.0	7202.	97.1	7025.	100.0	6842.
		100.0	6830.		

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11202.	0.0	13219.	0.0	12228.
5.9	10638.	35.3	12772.	14.7	11842.
17.6	10367.	91.2	12339.	50.0	11468.
32.3	10103.	97.1	7110.	88.2	11105.
52.9	9845.	100.0	6869.	97.1	6861.
70.6	9594.			100.0	6644.
85.3	9350.				
91.2	9111.				
94.1	8879.				
97.1	7038.				
100.0	6858.				

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12395.	0.0	10968.	0.0	11106.
2.9	12107.	2.9	10645.	2.9	8956.
17.6	11825.	5.9	8900.	8.8	8422.
47.1	11549.	8.8	7898.	14.7	8167.
85.3	11280.	11.8	7665.	32.3	7920.
94.1	11017.	20.6	7440.	38.2	7448.
97.1	8109.	32.3	7221.	47.1	7223.
100.0	7920.	44.1	7009.	52.9	7004.
		61.8	6803.	70.6	6792.
		67.6	6602.	85.3	6586.
		91.2	6408.	94.1	6387.
		100.0	6220.	100.0	6191.

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15706.	0.0	29592.	0.0	40471.
2.9	15169.	2.9	27776.	2.9	32380.
5.9	14151.	8.8	24472.	5.9	30060.
8.8	13668.	11.8	20239.	8.8	27906.
11.8	12315.	14.7	18997.	14.7	25907.
14.7	11488.	23.5	17831.	23.5	24050.
23.5	11096.	26.5	15711.	32.3	22327.
26.5	10717.	32.3	14747.	50.0	19242.
32.3	10351.	44.1	13842.	58.8	17864.
41.2	9997.	55.9	12993.	67.6	16584.
50.0	9656.	61.8	12196.	70.6	15395.
55.9	9326.	73.5	10745.	82.3	14292.
67.6	9008.	76.5	10086.	85.3	13268.
79.4	8700.	91.2	9467.	88.2	12318.
91.2	8403.	100.0	8886.	97.1	10616.
100.0	8116.			100.0	9855.

WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	49063.	0.0	46131.	0.0	96525.
2.9	45869.	8.8	44003.	2.9	60054.
5.9	42882.	14.7	41974.	5.9	55487.
8.8	37480.	23.5	40038.	8.8	47369.
11.8	35040.	29.4	38191.	26.5	43767.
14.7	32759.	32.3	36430.	35.3	40439.
17.6	30626.	44.1	34749.	38.2	37364.
23.5	28632.	50.0	33147.	47.1	34522.
26.5	26768.	52.9	31618.	64.7	31897.
41.2	25025.	64.7	28768.	76.5	29471.
58.8	23396.	70.6	27442.	88.2	27230.
73.5	21873.	73.5	26176.	97.1	23246.
76.5	19117.	76.5	24969.	100.0	21479.
79.4	17873.	82.3	22718.		
85.3	16709.	85.3	21671.		
88.2	15621.	88.2	20671.		
97.1	14604.	97.1	19718.		
100.0	13653.	100.0	18808.		

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	79340.	0.0	78503.	0.0	74368.
2.9	74841.	2.9	67830.	2.9	71560.
5.9	66594.	5.9	64605.	5.9	68858.
8.8	62817.	8.8	58608.	8.8	61348.
14.7	59255.	11.8	55821.	11.8	59031.
20.6	55895.	20.6	53167.	14.7	54657.
23.5	52725.	23.5	50640.	17.6	52593.
26.5	49735.	32.3	48232.	26.5	50607.
32.3	46915.	38.2	45939.	29.4	48696.
41.2	44254.	47.1	43755.	44.1	46857.
50.0	41745.	58.8	41674.	55.9	45088.
61.8	39377.	67.6	39693.	73.5	43385.
64.7	37144.	73.5	37806.	79.4	41747.
73.5	35038.	76.5	36008.	82.3	38653.
79.4	33051.	82.3	34297.	91.2	37194.
85.3	31177.	88.2	32666.	100.0	35789.
91.2	29409.	100.0	31113.		
97.1	27741.				
100.0	26168.				
WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	57545.	0.0	84257.	0.0	73245.
2.9	54305.	2.9	66785.	2.9	70214.
11.8	52754.	5.9	63751.	8.8	64524.
17.6	51247.	8.8	60856.	11.8	61854.
20.6	49784.	14.7	58092.	14.7	56841.
38.2	48362.	17.6	55454.	26.5	54488.
41.2	46981.	26.5	52935.	35.3	52234.
44.1	45639.	35.3	50531.	38.2	50072.
50.0	44336.	44.1	48236.	47.1	48000.
52.9	43070.	52.9	46045.	64.7	46014.
61.8	41840.	55.9	43954.	67.6	44110.
76.5	40645.	64.7	41958.	73.5	42285.
82.3	39484.	73.5	40052.	82.3	38858.
88.2	38357.	91.2	38233.	85.3	37250.
97.1	34159.	97.1	36497.	91.2	35708.
100.0	33184.	100.0	34839.	97.1	34231.
				100.0	32814.

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	67329.	0.0	66987.	0.0	78952.
2.9	62224.	5.9	62160.	2.9	72782.
5.9	59818.	8.8	59879.	5.9	64418.
11.8	57505.	14.7	57682.	14.7	61849.
20.6	55282.	17.6	55565.	17.6	57016.
26.5	53144.	29.4	53525.	26.5	54742.
32.3	51090.	35.3	51561.	41.2	52559.
38.2	49114.	50.0	49669.	50.0	50464.
47.1	47215.	55.9	47846.	55.9	48452.
58.8	45390.	58.8	46090.	70.6	46520.
67.6	43635.	70.6	44398.	79.4	44665.
73.5	41948.	76.5	42769.	88.2	42884.
79.4	38767.	88.2	39687.	94.1	41174.
88.2	37268.	91.2	38231.	97.1	37956.
91.2	34442.	94.1	36828.	100.0	36443.
97.1	33110.	97.1	34174.		
100.0	31830.	100.0	32920.		

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	120183.	0.0	90397.	0.0	83599.
2.9	101764.	5.9	83986.	2.9	63541.
5.9	67138.	8.8	62577.	8.8	59329.
11.8	61780.	17.6	58139.	11.8	55396.
14.7	56849.	26.5	54015.	14.7	48296.
32.3	52311.	32.3	50184.	17.6	45094.
47.1	48136.	47.1	46625.	32.3	42105.
64.7	44294.	58.8	43318.	47.1	39314.
85.3	40759.	67.6	40246.	64.7	36708.
91.2	37506.	88.2	37392.	79.4	34275.
94.1	34512.	91.2	34740.	91.2	32003.
97.1	26890.	97.1	24048.	97.1	24325.
100.0	24744.	100.0	22343.	100.0	22712.

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	61405.	0.0	52954.
5.9	55572.	8.8	48260.
8.8	50294.	11.8	46072.
11.8	47846.	14.7	43983.
14.7	45517.	23.5	41988.
26.5	43302.	26.5	40084.
29.4	39189.	29.4	38266.
41.2	37281.	35.3	36531.
52.9	35467.	41.2	34874.
61.8	33740.	58.8	33293.
73.5	32098.	61.8	31783.
76.5	30536.	70.6	30342.
82.3	29049.	73.5	27652.
88.2	27635.	88.2	26398.
91.2	26290.	94.1	25201.
94.1	25011.	97.1	22968.
100.0	23793.	100.0	21926.

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	60399.	0.0	79129.
2.9	52649.	2.9	44278.
5.9	49155.	8.8	40194.
8.8	42847.	17.6	36487.
11.8	40004.	32.3	33122.
14.7	34870.	35.3	30067.
29.4	32556.	44.1	27294.
41.2	30396.	58.8	24777.
47.1	28378.	73.5	22491.
52.9	26495.	82.3	20417.
64.7	24737.	85.3	18534.
73.5	23095.	91.2	15273.
85.3	21562.	97.1	13864.
91.2	18796.	100.0	12585.
97.1	17548.		
100.0	16384.		

TABLE 22

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	68380.	0.0	85083.	0.0	59836.
11.8	59638.	2.9	70697.	8.8	55679.
17.6	55695.	5.9	58744.	11.8	48210.
20.6	52013.	8.8	53548.	14.7	44861.
29.4	48575.	20.6	48812.	17.6	41744.
41.2	45363.	26.5	44494.	20.6	38843.
47.1	42364.	44.1	40559.	41.2	36144.
50.0	39564.	58.8	36971.	61.8	33633.
52.9	36948.	67.6	33701.	70.6	31296.
55.9	34505.	79.4	30720.	73.5	29122.
70.6	32224.	88.2	25526.	88.2	27098.
76.5	30094.	91.2	21210.	91.2	20316.
85.3	26246.	97.1	16065.	97.1	16369.
91.2	24511.	100.0	14644.	100.0	15232.
97.1	19964.				
100.0	18644.				
WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	51394.	0.0	45982.	0.0	46686.
5.9	48384.	2.9	40797.	2.9	38813.
8.8	45551.	5.9	36197.	5.9	34317.
14.7	40371.	8.8	34095.	8.8	32268.
17.6	38007.	20.6	32115.	17.6	30341.
20.6	35781.	26.5	30250.	29.4	28530.
26.5	33685.	38.2	28494.	41.2	26826.
38.2	31712.	47.1	26839.	47.1	25225.
50.0	29855.	58.8	25281.	58.8	23719.
67.6	28106.	70.6	23813.	67.6	22303.
76.5	26460.	73.5	22430.	79.4	20971.
79.4	24910.	79.4	21128.	82.3	19719.
82.3	23451.	88.2	19901.	85.3	18542.
85.3	20785.	91.2	17657.	91.2	16394.
88.2	19567.	97.1	15666.	94.1	15415.
91.2	18421.	100.0	14756.	100.0	14494.
97.1	17342.				
100.0	16327.				

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	44358.	0.0	30970.	0.0	29751.
2.9	32585.	2.9	28124.	5.9	27227.
5.9	30636.	5.9	26801.	11.8	26047.
11.8	28803.	11.8	25540.	17.6	24918.
20.6	27080.	17.6	24338.	23.5	23837.
23.5	25459.	29.4	23193.	41.2	22804.
32.3	23936.	44.1	22101.	52.9	21815.
47.1	22504.	47.1	21061.	61.8	19965.
67.6	21158.	61.8	20070.	67.6	19099.
70.6	19892.	67.6	19126.	79.4	18271.
82.3	18702.	70.6	18226.	85.3	15997.
85.3	17583.	82.3	16551.	88.2	14640.
88.2	16531.	85.3	15030.	91.2	14005.
91.2	14612.	88.2	14323.	97.1	13398.
100.0	13738.	97.1	13007.	100.0	12817.
		100.0	12395.		

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	27938.	0.0	26143.	0.0	24270.
2.9	25363.	2.9	23911.	2.9	23274.
5.9	24166.	11.8	22868.	14.7	21404.
17.6	23026.	17.6	21870.	32.3	20525.
38.2	21939.	41.2	20915.	50.0	19683.
47.1	20904.	55.9	20003.	58.8	18875.
58.8	19918.	67.6	19130.	73.5	18101.
67.6	18978.	70.6	18295.	82.3	17358.
76.5	18082.	82.3	17497.	85.3	16646.
88.2	17229.	85.3	16733.	88.2	14680.
91.2	14200.	88.2	16003.	94.1	12946.
94.1	12891.	94.1	12803.	97.1	11417.
97.1	11703.	97.1	11710.	100.0	10948.
100.0	11151.	100.0	11199.		

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	23385.	0.0	21810.	0.0	20919.
5.9	21585.	2.9	21073.	2.9	20290.
14.7	20737.	8.8	20361.	5.9	19681.
32.3	19923.	29.4	19673.	17.6	19089.
52.9	19141.	32.3	19009.	23.5	18516.
61.8	18389.	35.3	18366.	41.2	17959.
79.4	17667.	44.1	17746.	55.9	17420.
85.3	16973.	73.5	17146.	73.5	16896.
88.2	15666.	82.3	16567.	88.2	16389.
94.1	15051.	85.3	16007.	94.1	15418.
97.1	11371.	94.1	14439.	97.1	12079.
100.0	10924.	97.1	11749.	100.0	11716.
		100.0	11352.		

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	20558.	0.0	20255.	0.0	20148.
2.9	19984.	5.9	19683.	2.9	19601.
8.8	19427.	8.8	19127.	5.9	19069.
11.8	18886.	14.7	18587.	17.6	18551.
26.5	18359.	29.4	17551.	29.4	18047.
38.2	17847.	47.1	17056.	35.3	17557.
50.0	17350.	64.7	16574.	55.9	17080.
73.5	16866.	73.5	16106.	58.8	16616.
82.3	16396.	85.3	15651.	79.4	16165.
88.2	15939.	94.1	15209.	88.2	15726.
97.1	12358.	97.1	12093.	97.1	12274.
100.0	12013.	100.0	11751.	100.0	11941.

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	19984.	0.0	20225.	0.0	19629.
5.9	18949.	5.9	18541.	2.9	19092.
8.8	18452.	8.8	18011.	5.9	18061.
11.8	17968.	11.8	17497.	8.8	17567.
23.5	17496.	14.7	16997.	11.8	17086.
29.4	17037.	17.6	16512.	14.7	16619.
38.2	16590.	29.4	16040.	23.5	16164.
50.0	16155.	41.2	15582.	32.3	15722.
64.7	15731.	52.9	15137.	38.2	15292.
76.5	15318.	67.6	14704.	47.1	14874.
91.2	14525.	82.3	14284.	55.9	14467.
97.1	12383.	88.2	13876.	67.6	14071.
100.0	12058.	94.1	13480.	79.4	13686.
		97.1	12004.	94.1	12947.
		100.0	11661.	97.1	11913.
				100.0	11587.

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	17385.	0.0	16125.	0.0	16260.
2.9	16245.	5.9	15457.	2.9	15180.
8.8	15881.	11.8	15133.	8.8	14700.
11.8	15526.	14.7	14816.	20.6	14171.
14.7	15179.	20.6	14506.	29.4	13850.
17.6	14839.	23.5	14202.	41.2	13536.
23.5	14507.	38.2	13905.	55.9	13229.
32.3	14183.	47.1	13614.	70.6	12930.
38.2	13866.	55.9	13329.	73.5	12637.
44.1	13556.	70.6	13049.	88.2	12350.
61.8	13252.	82.3	12776.	97.1	10763.
73.5	12956.	88.2	12509.	100.0	10519.
91.2	12106.	94.1	12247.		
97.1	11570.	97.1	11017.		
100.0	11312.	100.0	10786.		

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15906.	0.0	18762.	0.0	18125.
2.9	15558.	2.9	18181.	2.9	16568.
5.9	14884.	5.9	17617.	5.9	16079.
11.8	14239.	14.7	17072.	14.7	15605.
23.5	13928.	26.5	16543.	29.4	15144.
35.3	13623.	52.9	16030.	50.0	14698.
44.1	13324.	76.5	15534.	76.5	14264.
55.9	13033.	91.2	15053.	91.2	13843.
67.6	12747.	97.1	10649.	97.1	10573.
79.4	12468.	100.0	10319.	100.0	10261.
91.2	12195.				
97.1	10678.				
100.0	10445.				

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	18893.	0.0	15545.	0.0	20856.
2.9	16558.	2.9	15018.	2.9	18163.
8.8	16127.	5.9	14510.	5.9	16564.
17.6	15708.	11.8	13085.	11.8	15819.
26.5	15299.	17.6	11801.	14.7	15106.
38.2	14900.	32.3	11401.	23.5	13776.
50.0	14512.	35.3	11015.	29.4	12564.
85.3	13767.	38.2	10642.	38.2	11998.
94.1	13408.	47.1	10282.	41.2	11458.
97.1	11751.	55.9	9934.	52.9	10942.
100.0	11446.	64.7	9597.	67.6	10449.
		82.3	9272.	76.5	9979.
		91.2	8958.	91.2	9529.
		94.1	8655.	97.1	9100.
		97.1	8362.	100.0	8690.
		100.0	8079.		

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=31
(29 APR- 5 MAY)WEEK=32
(6 MAY-12 MAY)WEEK=33
(13 MAY-19 MAY)

PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	47362.	0.0	90233.	0.0	84661.
5.9	43156.	5.9	80863.	5.9	78933.
8.8	39322.	11.8	72465.	11.8	73594.
11.8	35830.	20.6	58196.	17.6	68615.
14.7	32647.	26.5	52152.	26.5	63973.
20.6	29747.	35.3	46736.	32.3	59645.
23.5	27105.	38.2	41882.	41.2	55610.
38.2	24698.	47.1	37533.	50.0	51848.
41.2	22504.	50.0	33635.	61.8	48341.
44.1	18684.	52.9	30142.	70.6	45070.
52.9	17024.	61.8	27012.	76.5	42021.
58.8	15512.	67.6	24207.	82.3	39179.
61.8	14134.	73.5	21693.	91.2	36528.
67.6	12879.	85.3	19440.	94.1	25735.
79.4	11735.	88.2	17421.	97.1	23994.
91.2	10693.	91.2	13991.	100.0	22371.
94.1	8877.	97.1	12538.		
100.0	8089.	100.0	11236.		

WEEK=34
(20 MAY-26 MAY)WEEK=35
(27 MAY- 2 JUN)WEEK=36
(3 JUN- 9 JUN)

PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	82948.	0.0	112509.	0.0	130988.
8.8	78703.	5.9	103797.	5.9	123691.
14.7	74675.	17.6	95760.	8.8	116800.
17.6	70854.	23.5	88346.	14.7	110294.
23.5	67228.	26.5	81505.	20.6	104149.
38.2	63787.	44.1	75195.	32.3	98347.
44.1	60523.	55.9	69372.	35.3	92869.
58.8	57425.	58.8	64001.	47.1	87695.
70.6	51698.	67.6	59046.	58.8	82810.
85.3	49052.	76.5	54474.	64.7	78197.
97.1	32221.	85.3	50256.	70.6	73840.
100.0	30572.	94.1	42775.	79.4	69727.
		97.1	26375.	82.3	65843.
		100.0	24333.	85.3	62175.
				88.2	58711.
				94.1	55440.
				97.1	46681.
				100.0	44081.

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	142875.	0.0	146836.	0.0	150855.
8.8	124006.	2.9	126271.	5.9	127307.
11.8	107629.	8.8	120078.	8.8	123058.
17.6	100271.	14.7	114188.	17.6	118951.
29.4	93415.	20.6	108587.	26.5	114982.
38.2	87029.	29.4	103260.	32.3	111144.
47.1	81079.	32.3	98195.	44.1	107435.
67.6	75535.	47.1	93379.	67.6	103849.
73.5	70371.	64.7	88799.	73.5	100383.
82.3	65560.	73.5	84443.	82.3	97033.
88.2	61077.	82.3	80301.	85.3	93795.
94.1	53011.	85.3	76362.	91.2	90665.
97.1	39934.	88.2	69055.	94.1	84714.
100.0	37204.	97.1	59383.	97.1	81887.
		100.0	56470.	100.0	79154.

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	143413.	0.0	165340.	0.0	168648.
5.9	139222.	2.9	146261.	2.9	161771.
8.8	131204.	8.8	140404.	8.8	155174.
11.8	127370.	14.7	134781.	11.8	142776.
14.7	123648.	26.5	129383.	14.7	136954.
23.5	120035.	32.3	124202.	20.6	131359.
26.5	113123.	38.2	119228.	26.5	126011.
41.2	109817.	44.1	114454.	29.4	120873.
50.0	106608.	50.0	109870.	35.3	115944.
52.9	103493.	61.8	105470.	47.1	111216.
55.9	100469.	70.6	101247.	58.8	106680.
67.6	94683.	73.5	97192.	73.5	102330.
73.5	91916.	79.4	93300.	76.5	98157.
82.3	89230.	85.3	89564.	79.4	94154.
91.2	84092.	94.1	85977.	82.3	90315.
100.0	81634.	97.1	79229.	88.2	79710.
		100.0	76056.	100.0	76459.

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

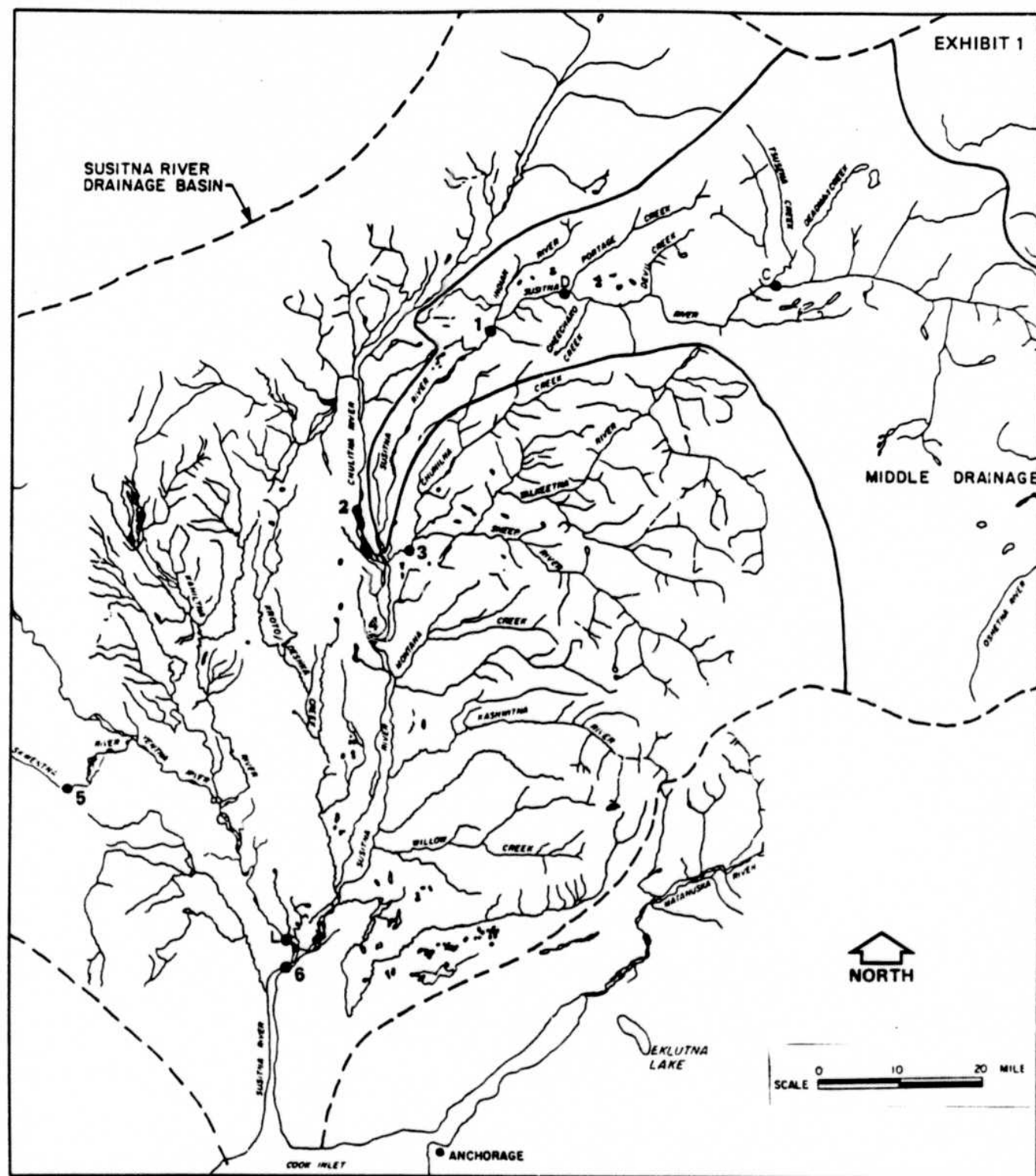
WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	164334.	0.0	176331.	0.0	163454.
2.9	157321.	2.9	155757.	2.9	153526.
5.9	150608.	5.9	143392.	5.9	144202.
11.8	138029.	11.8	132010.	8.8	131266.
20.6	132139.	14.7	126662.	11.8	127218.
23.5	126501.	20.6	121530.	26.5	123294.
29.4	121103.	29.4	116607.	35.3	119491.
35.3	115935.	41.2	111883.	41.2	115806.
38.2	110988.	47.1	107350.	52.9	112234.
44.1	106252.	50.0	103001.	55.9	108772.
52.9	101718.	64.7	98829.	61.8	105417.
55.9	97378.	76.5	94825.	73.5	102166.
70.6	93223.	82.3	90983.	82.3	99015.
79.4	89245.	85.3	87297.	85.3	95961.
82.3	85437.	88.2	83761.	91.2	93001.
88.2	81791.	100.0	80368.	100.0	90133.
91.2	78301.				
94.1	74960.				
100.0	71761.				
WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	202197.	0.0	136482.	0.0	117922.
2.9	179678.	2.9	130846.	2.9	109819.
5.9	150513.	5.9	125443.	5.9	105979.
8.8	141884.	11.8	120263.	8.8	102273.
11.8	133750.	20.6	110535.	11.8	95245.
23.5	126082.	29.4	105971.	17.6	91915.
26.5	118854.	35.3	101595.	23.5	88701.
41.2	112040.	44.1	97400.	29.4	85599.
44.1	105617.	52.9	93378.	38.2	82606.
55.9	99562.	61.8	89522.	50.0	79717.
76.5	93854.	70.6	82281.	52.9	76930.
85.3	88474.	88.2	78883.	61.8	74239.
91.2	83402.	97.1	63887.	70.6	71643.
94.1	74113.	100.0	61249.	79.4	69138.
97.1	69864.			85.3	66720.
100.0	65859.			91.2	64387.
				94.1	62136.
				100.0	59963.

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	97555.	0.0	98018.
2.9	93834.	8.8	93288.
8.8	86812.	14.7	88787.
14.7	83501.	17.6	84502.
23.5	80316.	29.4	80425.
26.5	77252.	32.3	72850.
32.3	74305.	50.0	69335.
44.1	71471.	58.8	65989.
50.0	68745.	64.7	59774.
55.9	66123.	73.5	56889.
61.8	63601.	79.4	51531.
70.6	61175.	82.3	49045.
76.5	58841.	85.3	46678.
79.4	54438.	91.2	44426.
85.3	50364.	97.1	40242.
88.2	48443.	100.0	38300.
100.0	46595.		

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	158912.	0.0	116180.
2.9	146880.	5.9	107880.
8.8	107199.	17.6	100172.
11.8	99083.	23.5	93015.
17.6	91581.	29.4	86369.
26.5	84647.	35.3	80199.
38.2	78238.	38.2	74469.
41.2	72315.	41.2	69148.
44.1	66840.	47.1	64208.
52.9	61779.	52.9	59620.
64.7	57102.	58.8	55361.
76.5	52778.	64.7	51405.
79.4	45089.	70.6	47733.
88.2	41675.	73.5	44322.
91.2	38520.	76.5	41156.
100.0	35603.	82.3	38215.
		94.1	30596.
		100.0	28410.

**LEGEND :**

STATION 1 – Susitna River at Gold Creek

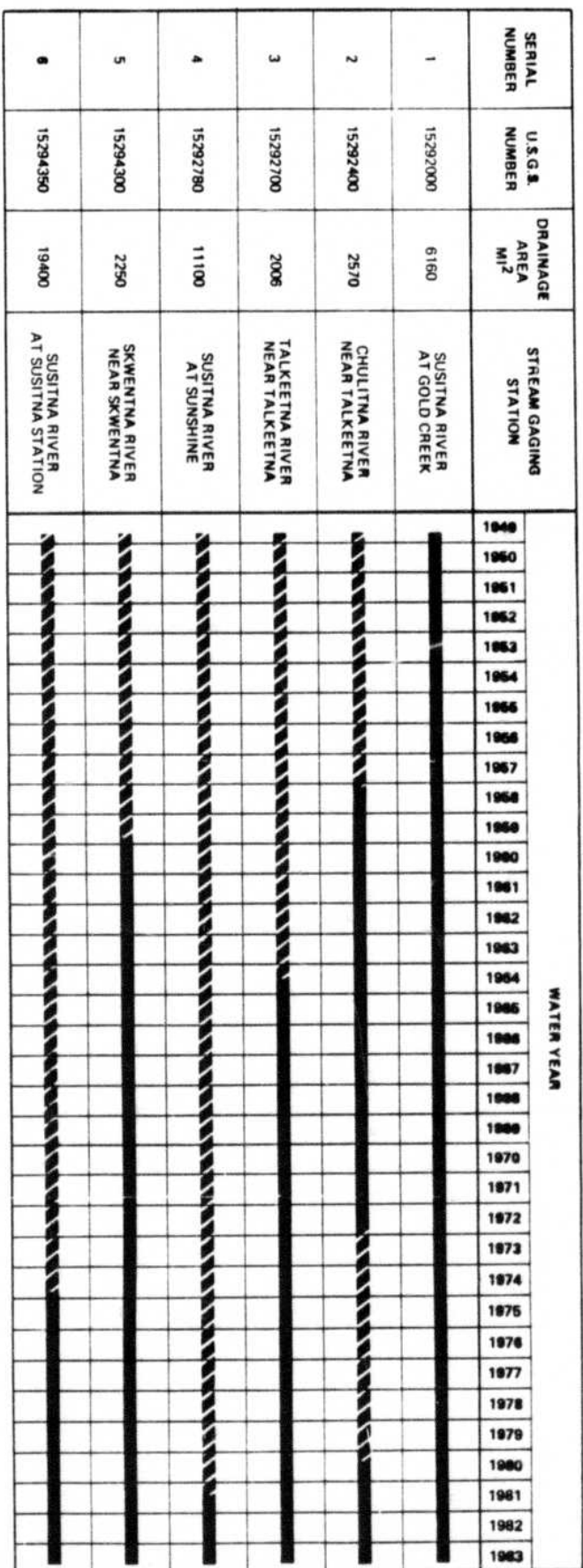
STATION 2 – Chulitna River near Talkeetna

STATION 3 – Talkeetna River near Talkeetna

STATION 4 – Susitna River near Sunshine

STATION 5 – Skwentna River near Skwentna

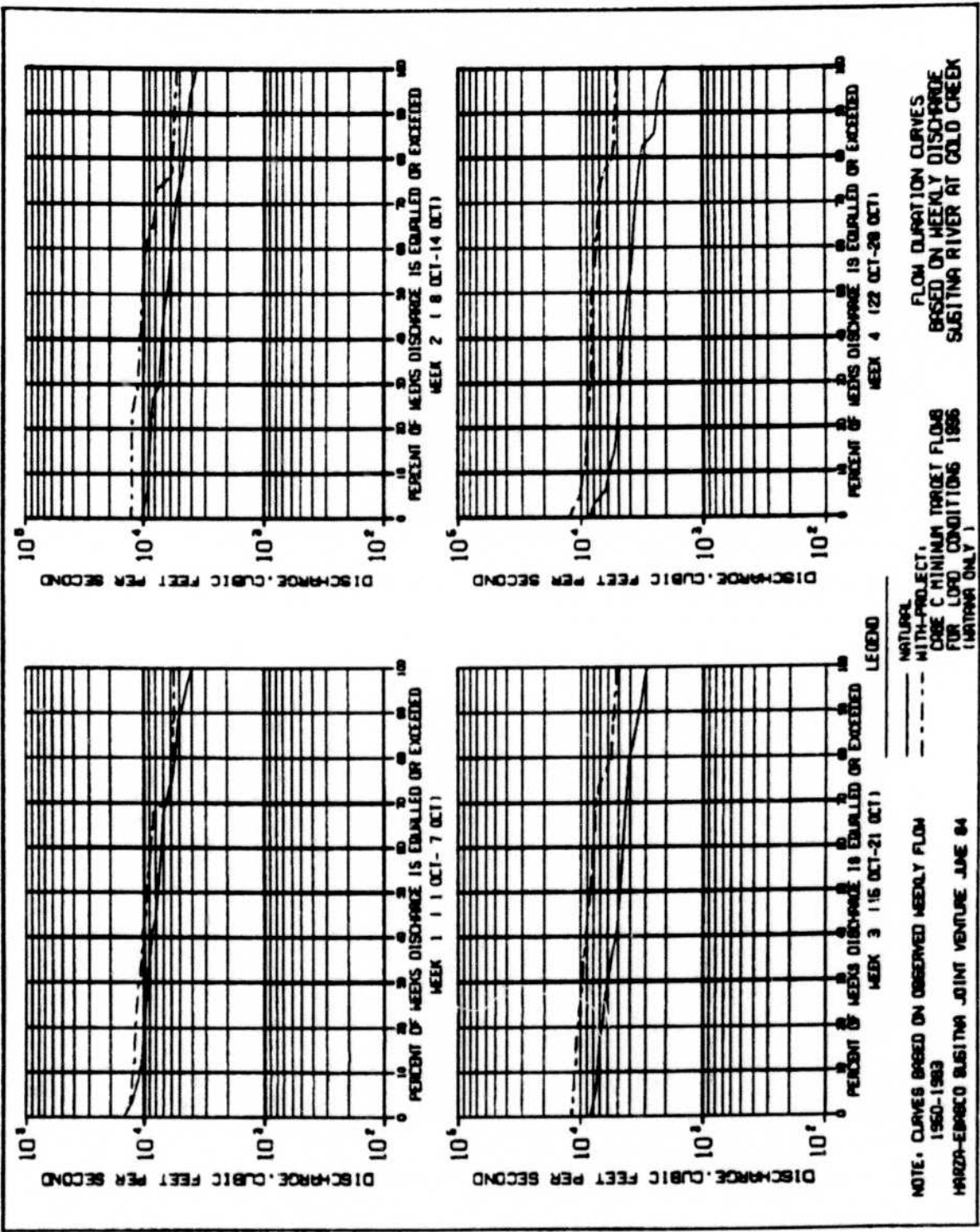
STATION 6 – Susitna River at Susitna Station

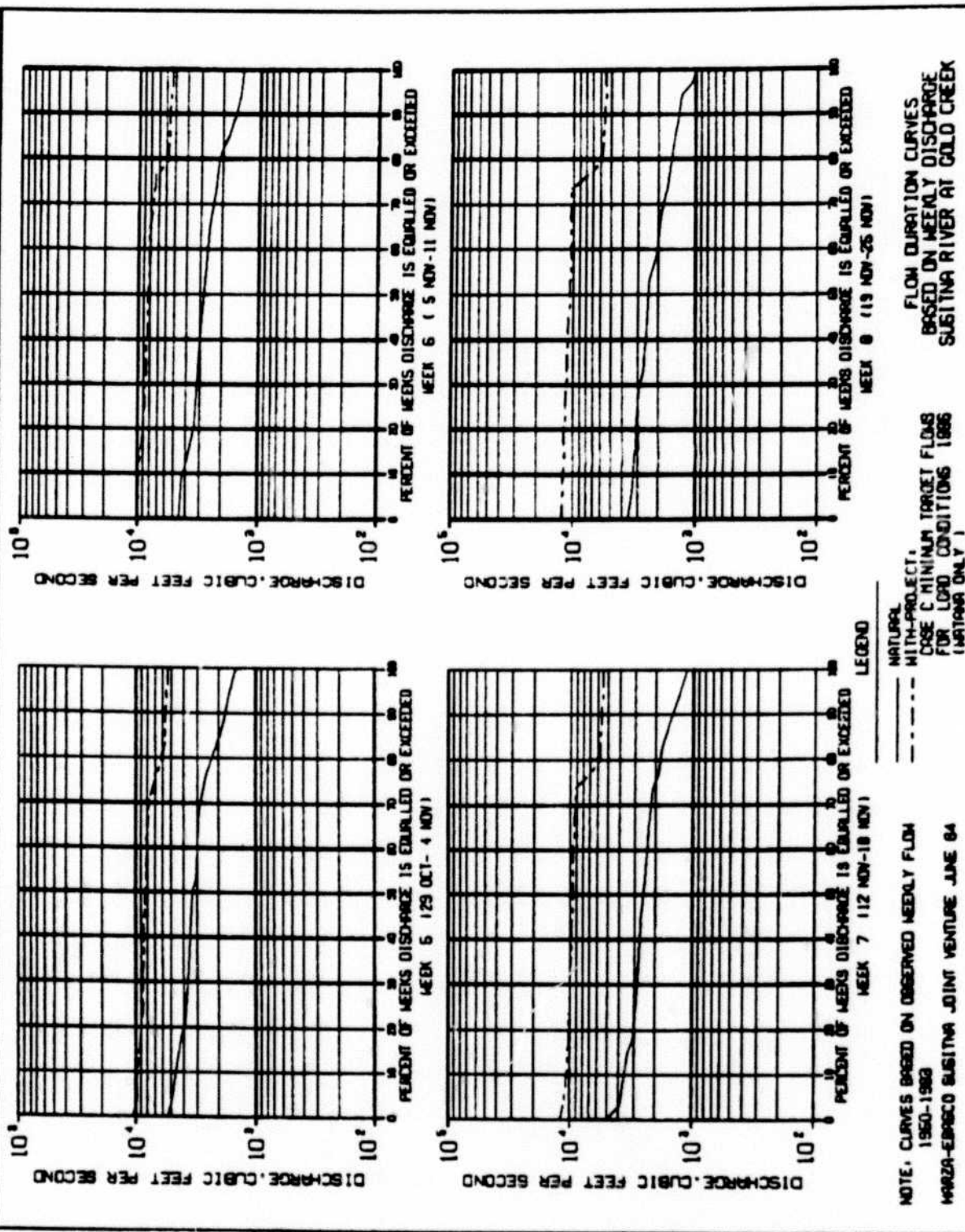


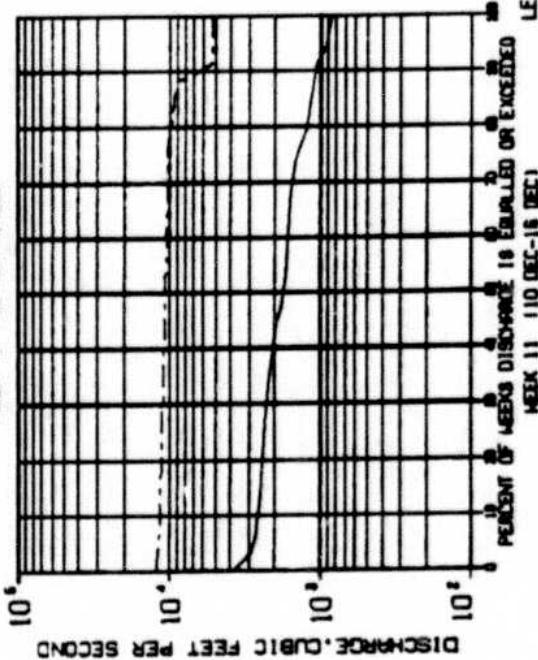
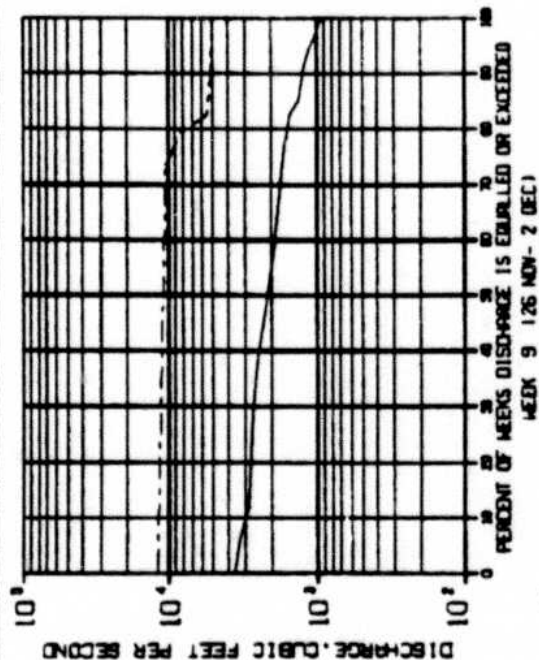
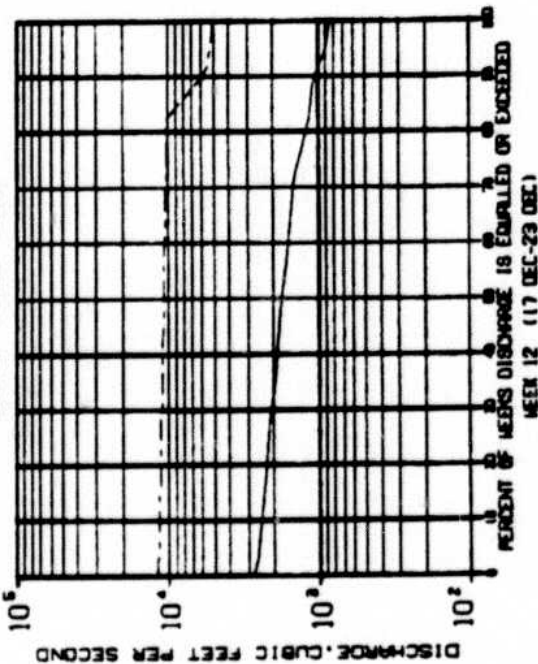
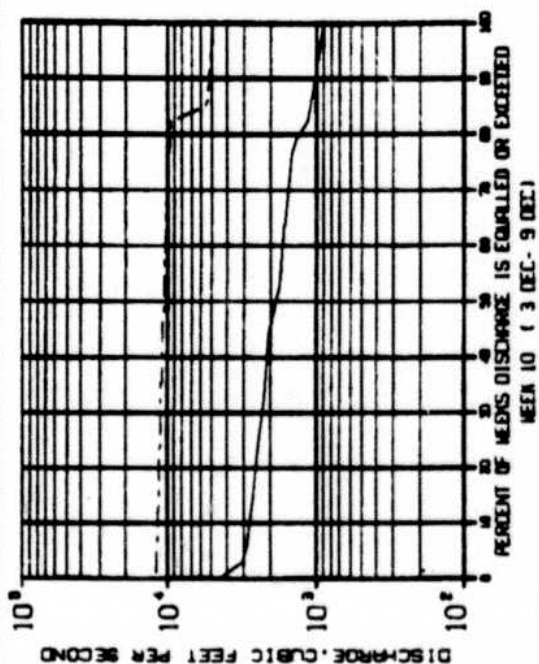
LEGEND:

Observed Data

Filled-In Data



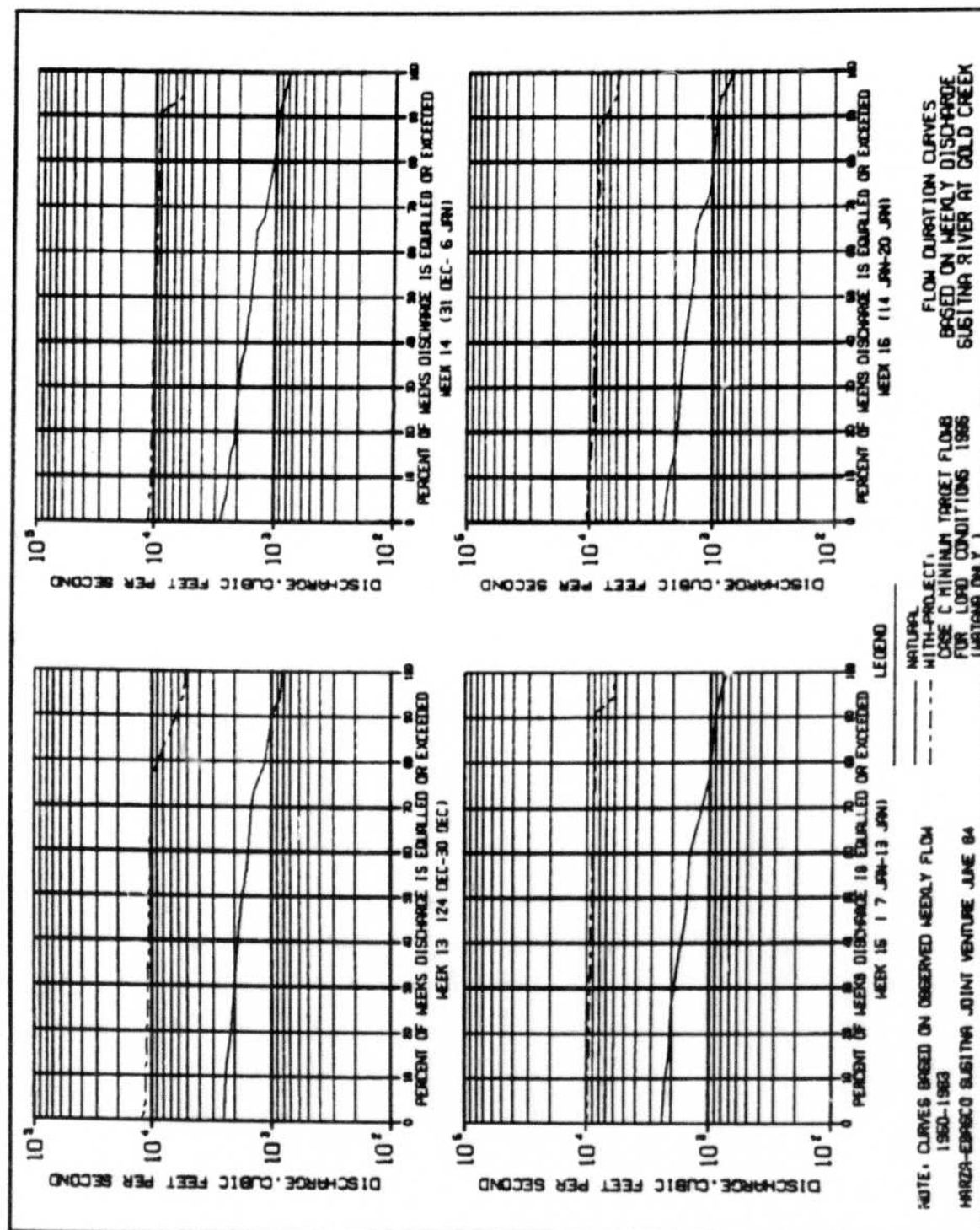


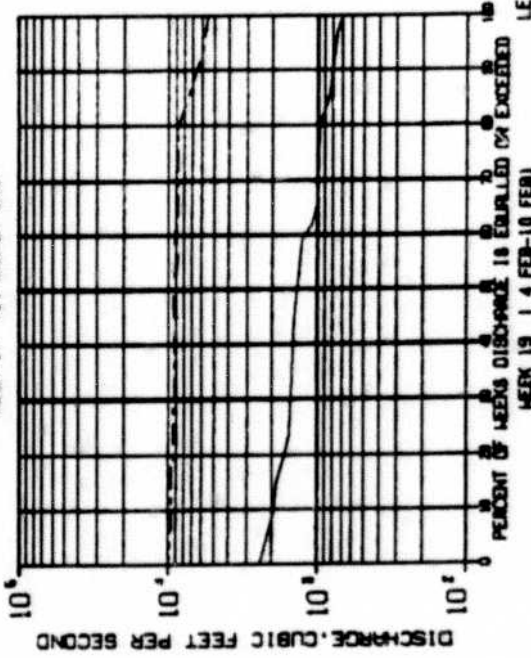
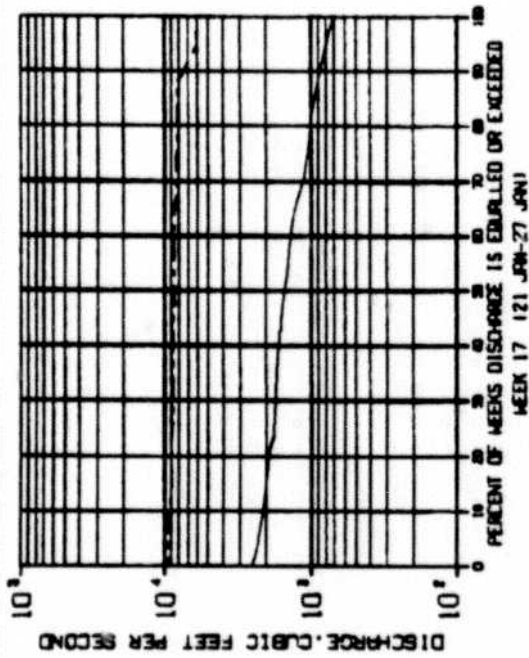
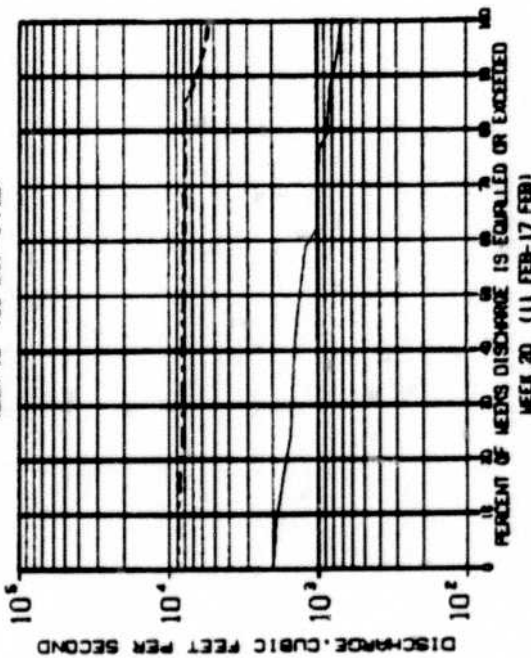
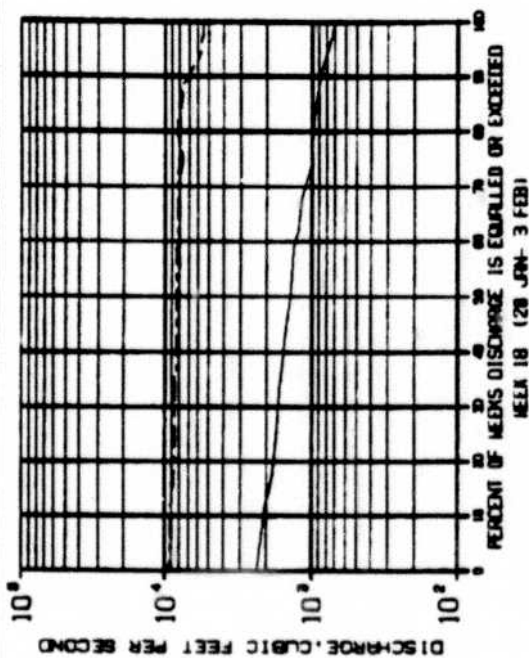


NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW 1950-1980
MARZA-EBRACO BLISITNA JOINT VENTURE - JUNE 84

LEGEND
— NATURAL
--- WITH-PROJECT
--- CASE C MINIMUM TARGET FLOWS FOR LOAD CONDITIONS 1986 (PARTIAL ONLY)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT GOLD CREEK



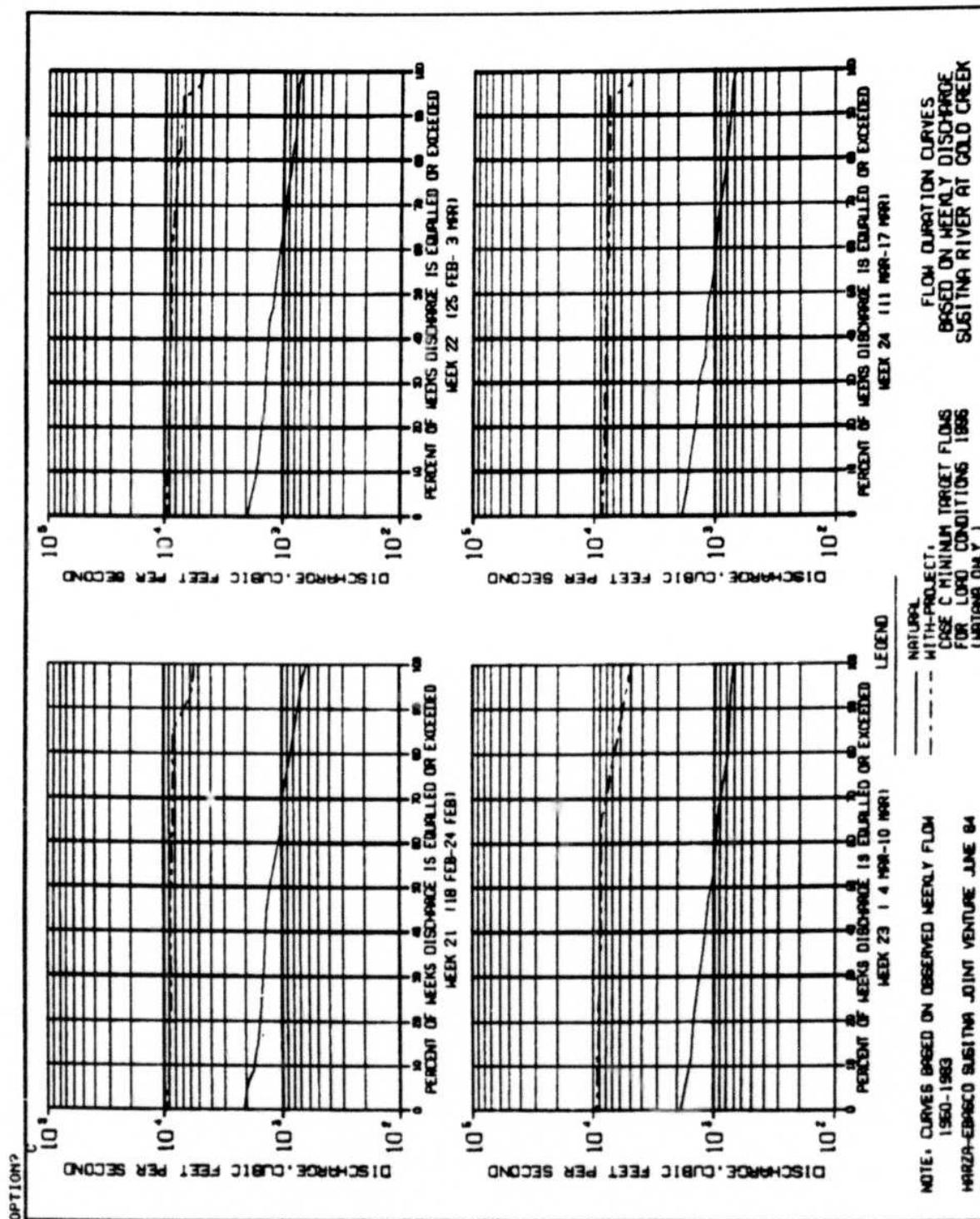


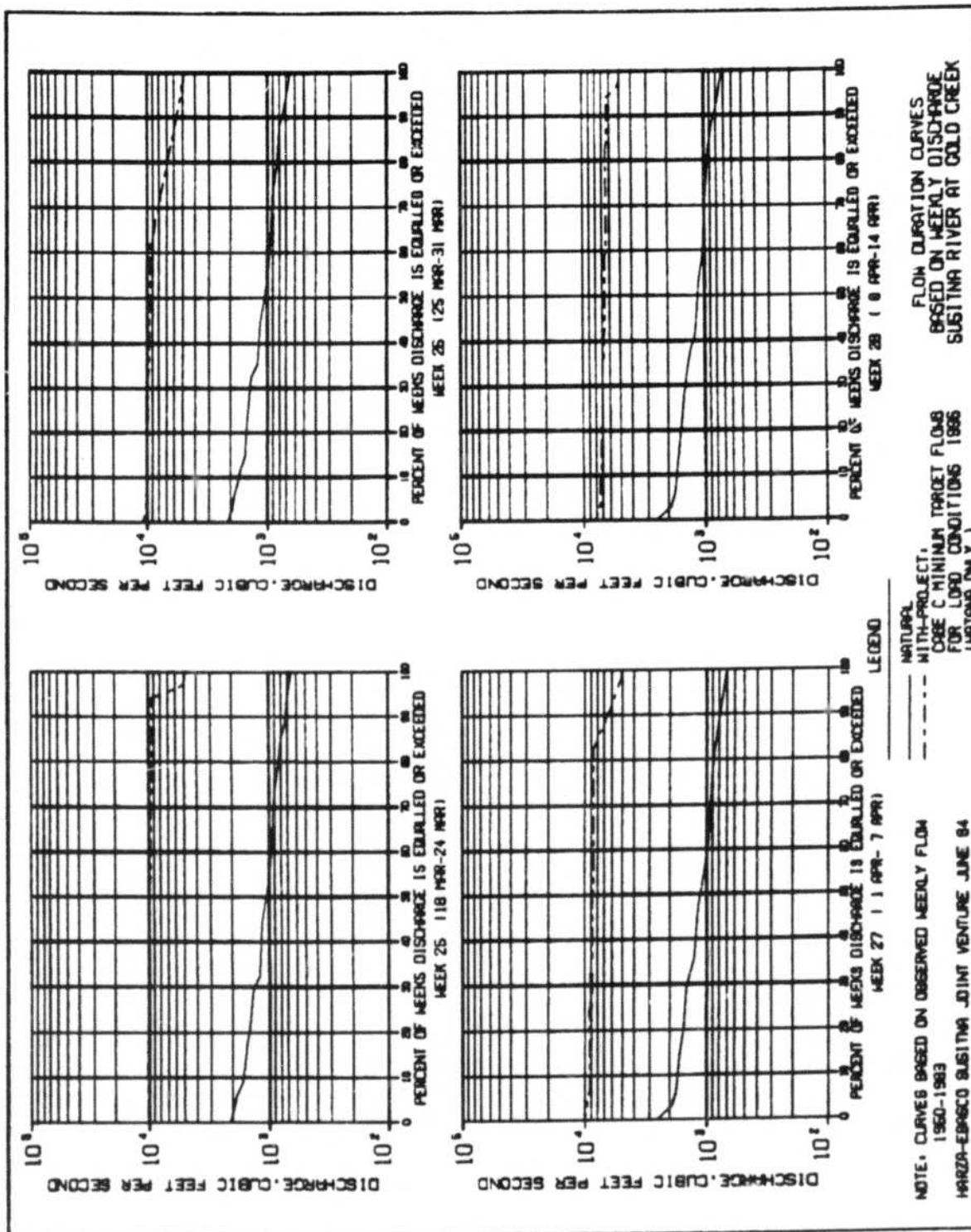
NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1983
HATCH-EDRACO SUSITNA JOINT VENTURE JUNE 84

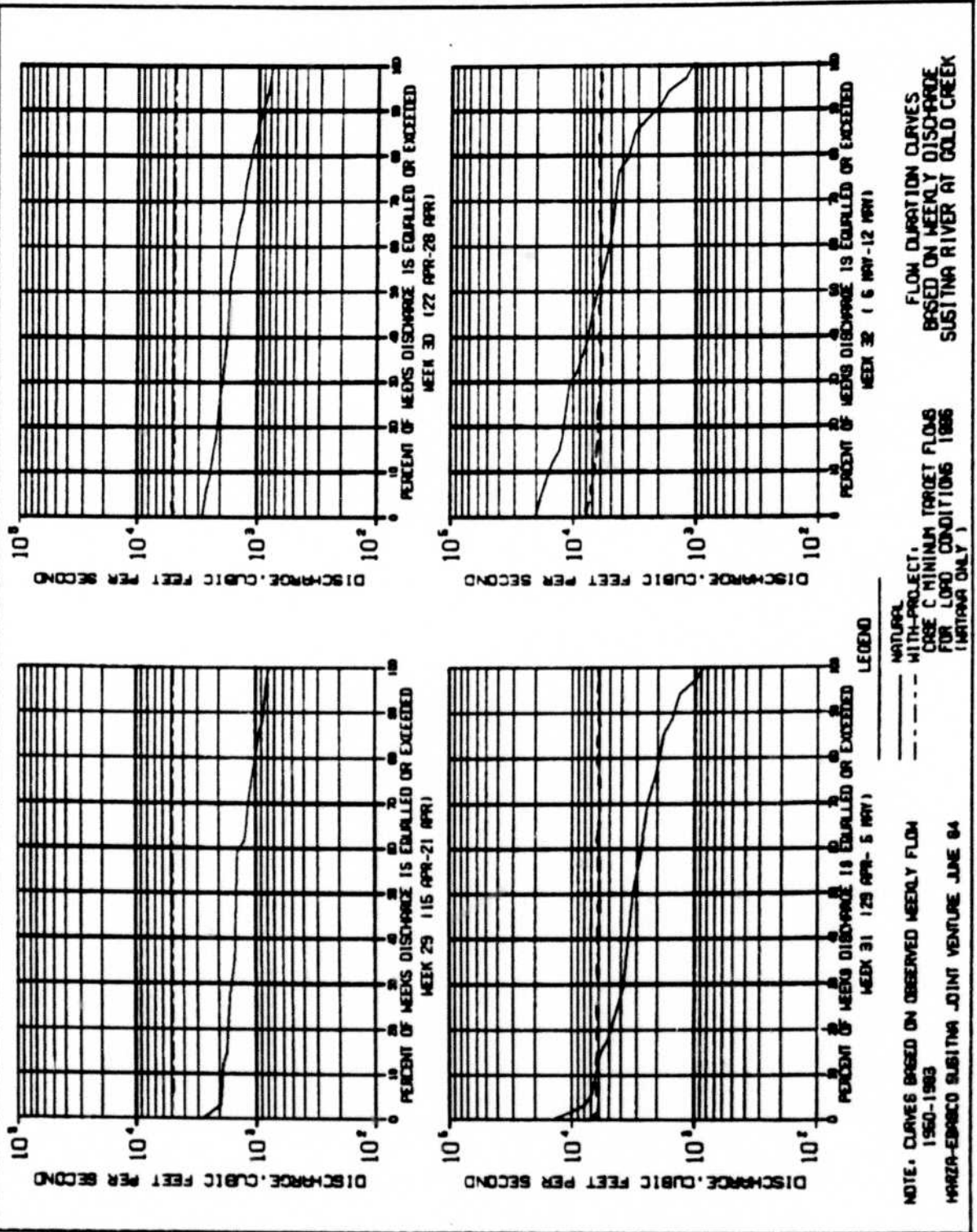
LEGEND

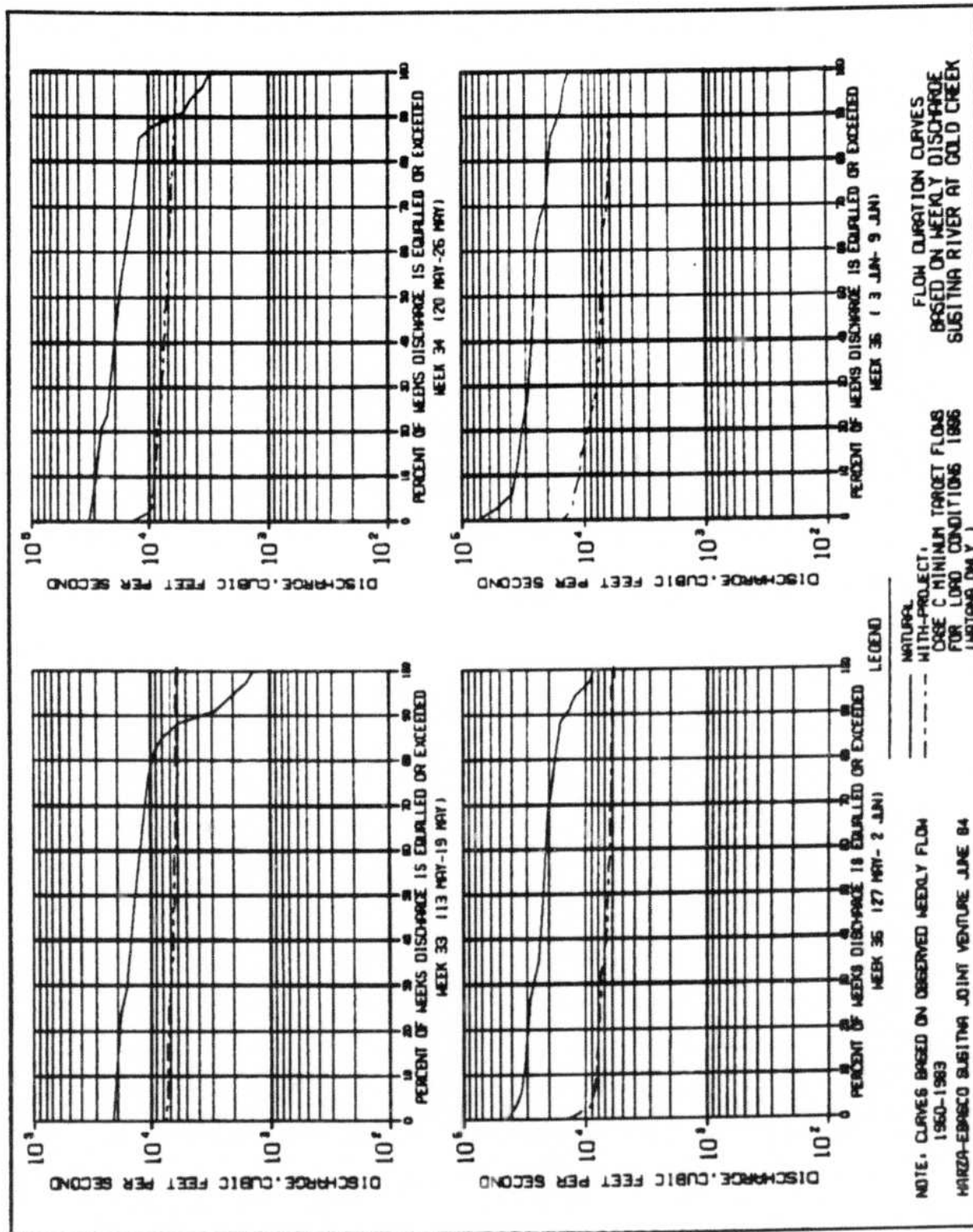
— NATURAL
--- CASE C MINIMUM TARGET FLOW
--- FOR LOAD CONDITIONS 1986
--- (NATURAL ONLY)

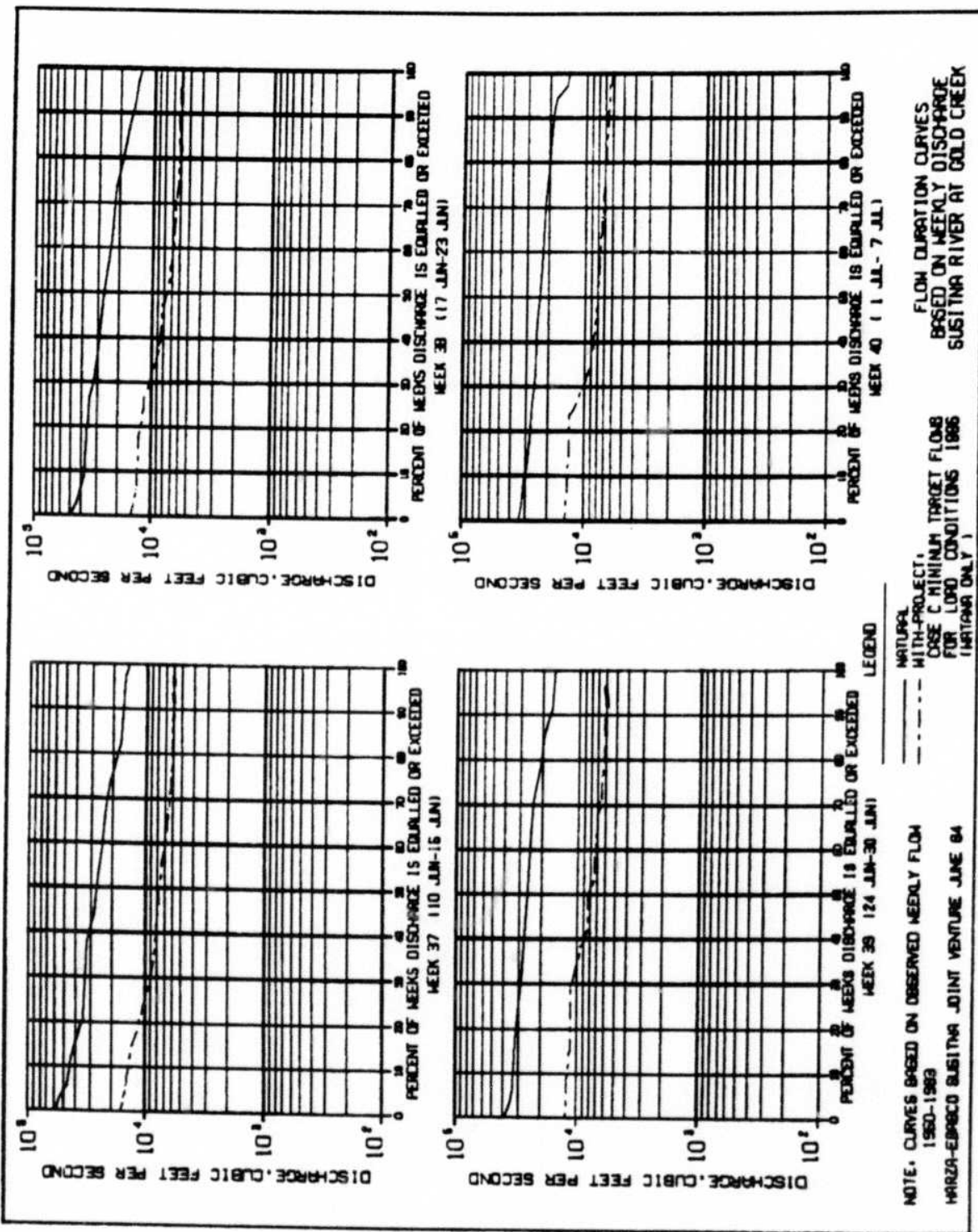
FLOW DURATION CURVES
BASED ON WEALTHY DISCHARGE
SUSITNA RIVER AT COLD CREEK

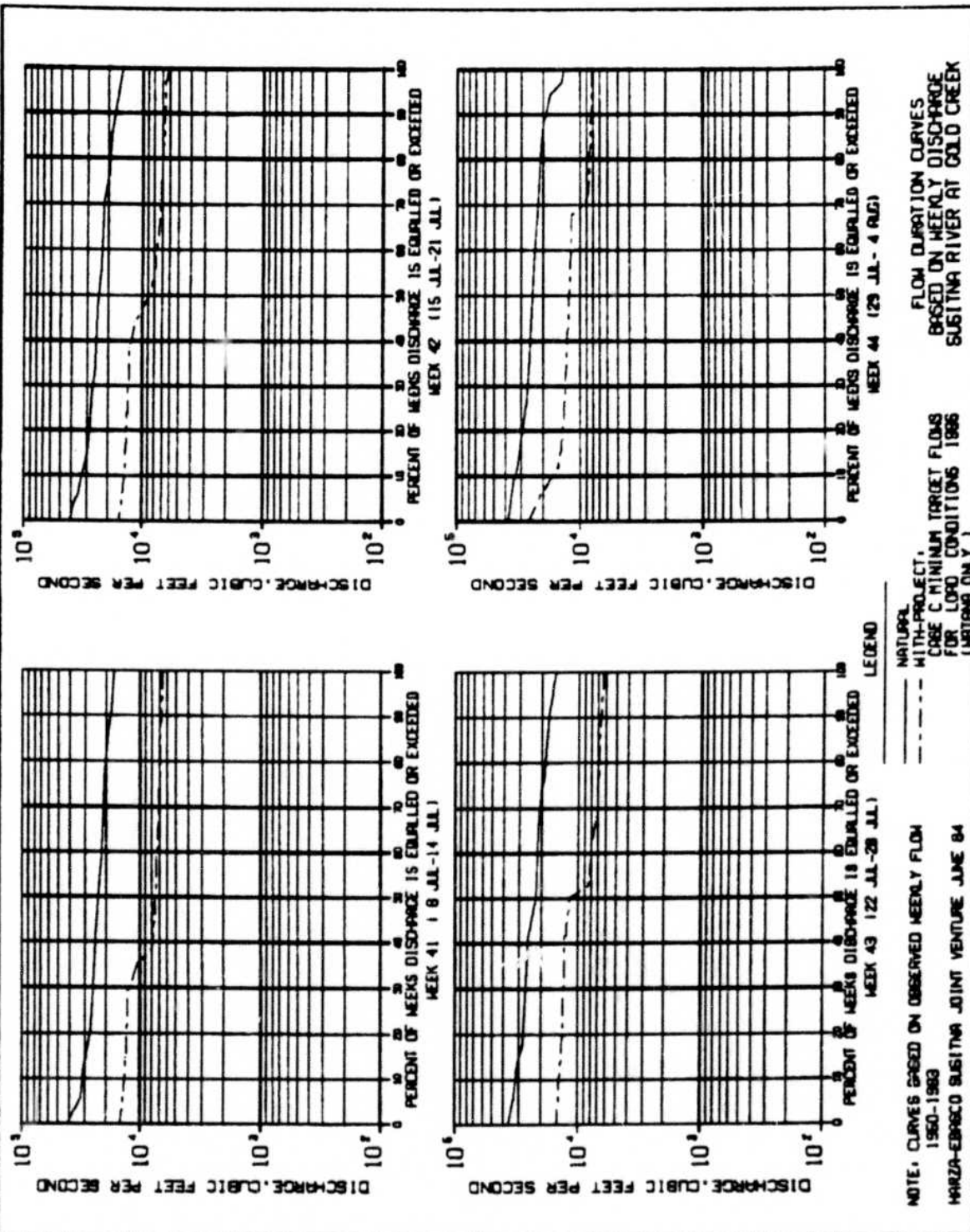


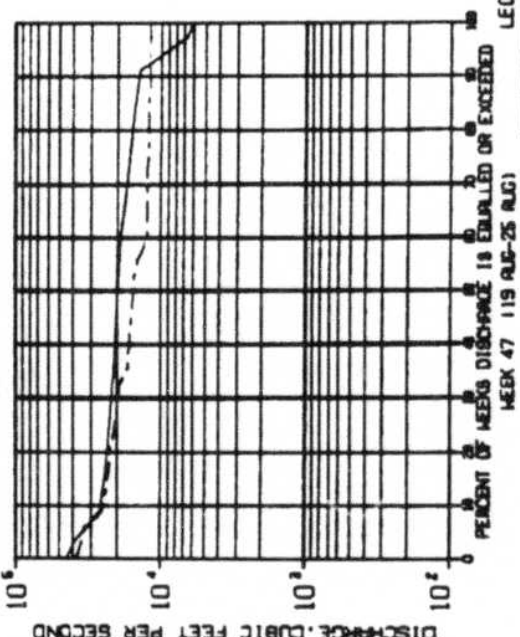
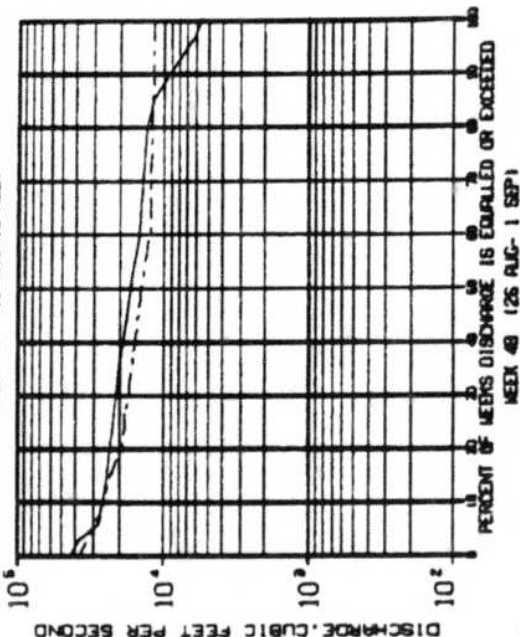
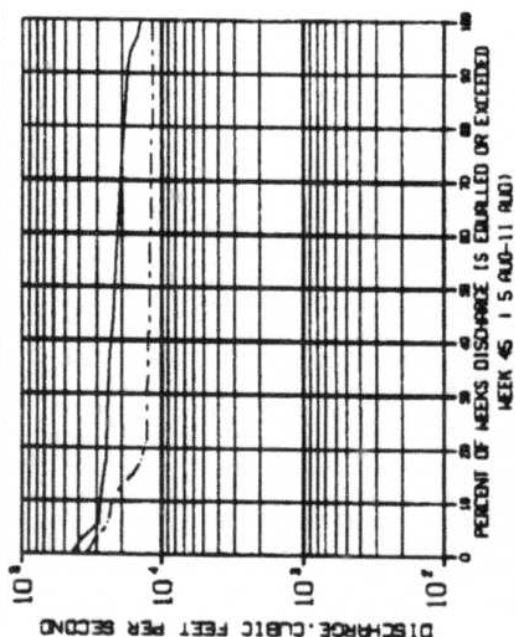
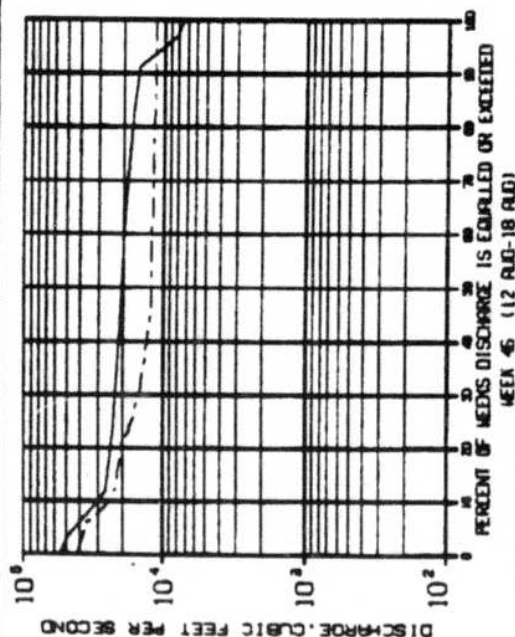








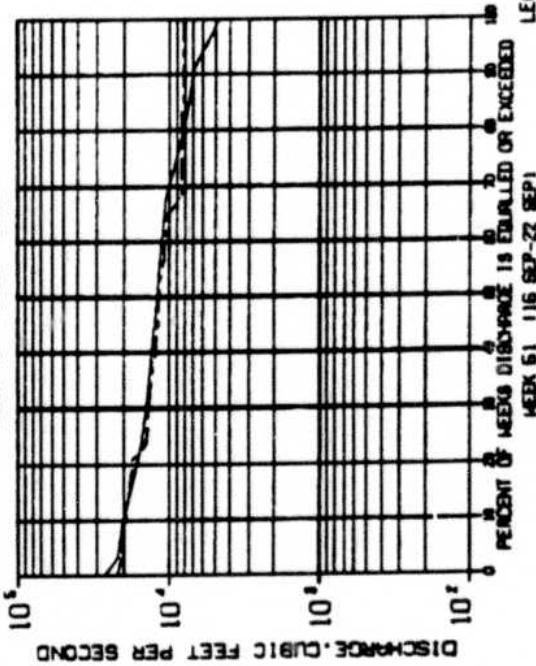
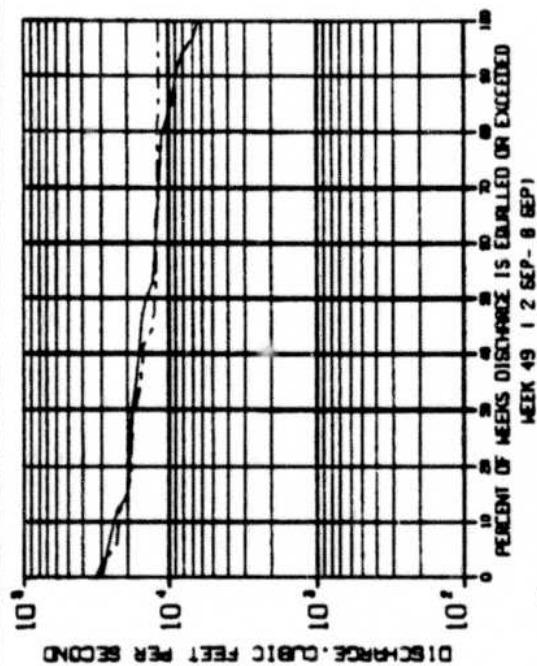
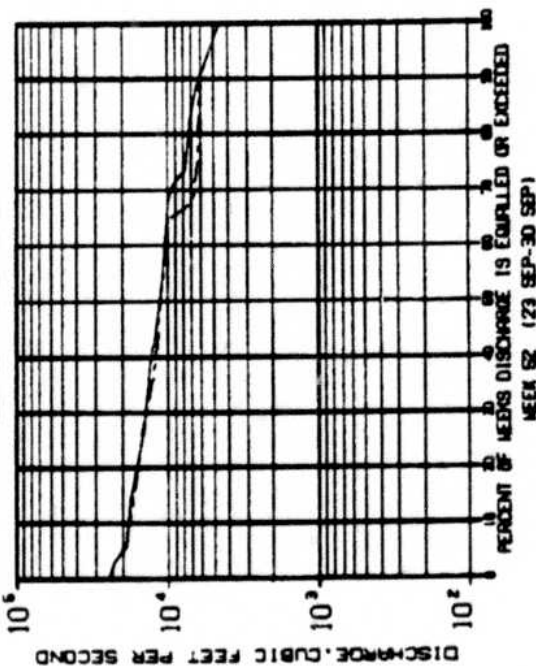
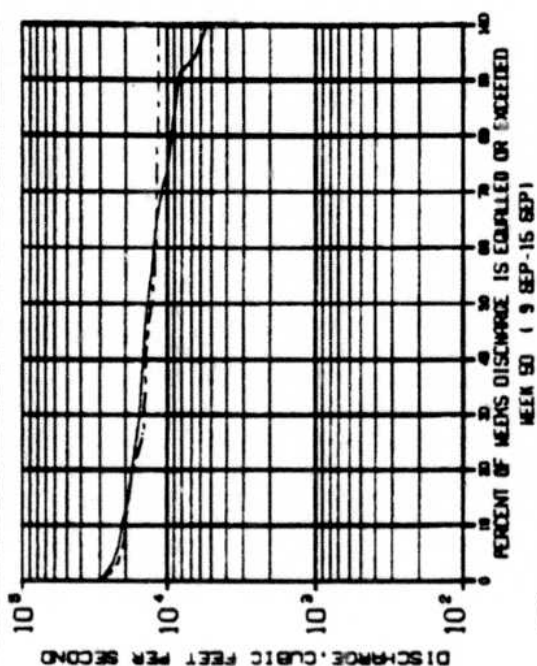




FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUGITNA RIVER AT COLD CREEK

LEGEND
NATURAL
WITH-PROJECT,
CASE C MINIMUM TARGET FLOWS
FOR LONG CONDITIONS 1886
(NATURAL ONLY)

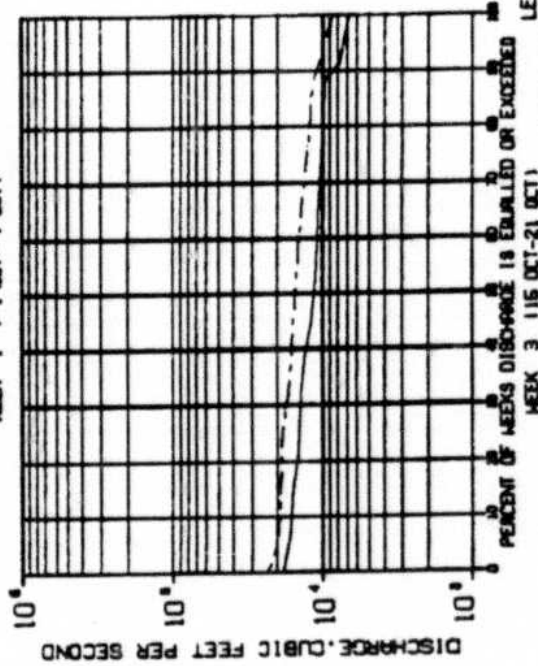
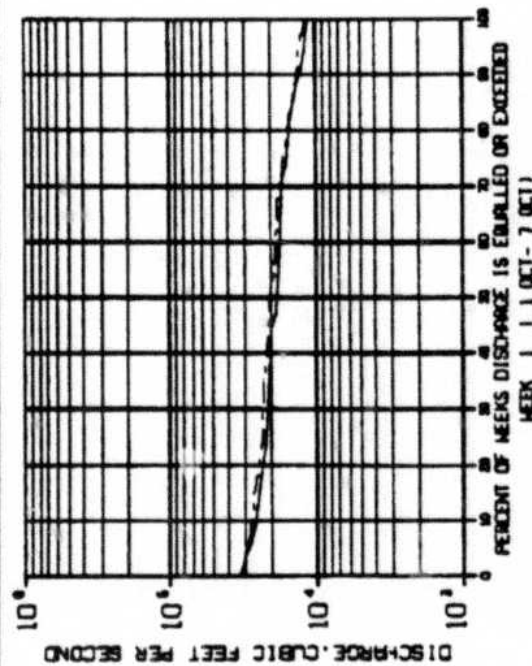
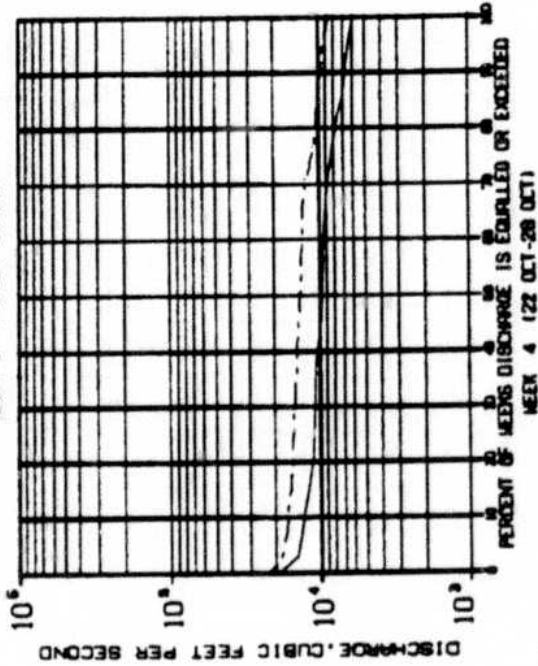
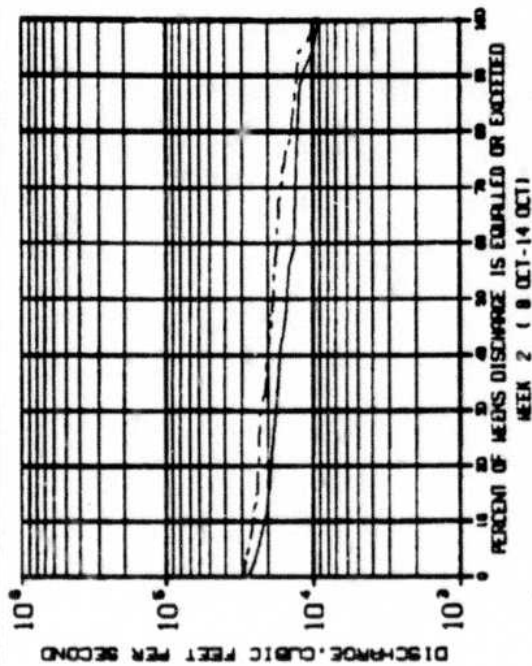
NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1983
MARZA-EDBECO SUGITNA JOINT VENTURE JUNE 84



NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW 1950-1983
HARZA-EDRSCO SUEITHA JOINT VENTURE JUNE 84

LEGEND
--- NATURAL
--- WITH-PROJECT
--- CORE C MINIMUM TARGET FLOWS FOR LOAD CONDITIONS 1986 (MARIANA ONLY)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUEITHA RIVER AT GOLD CREEK

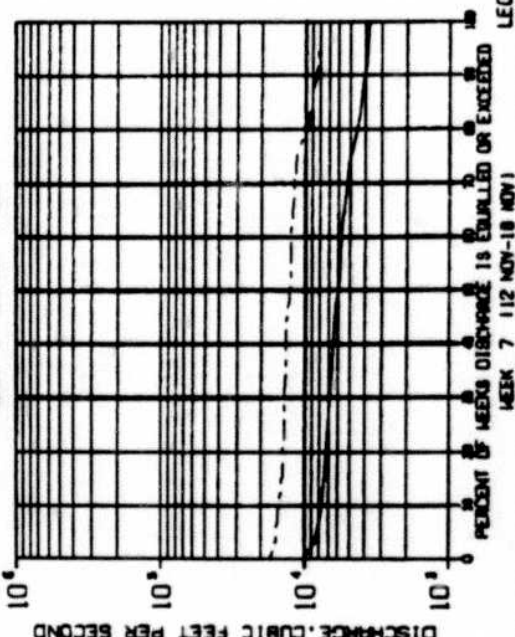
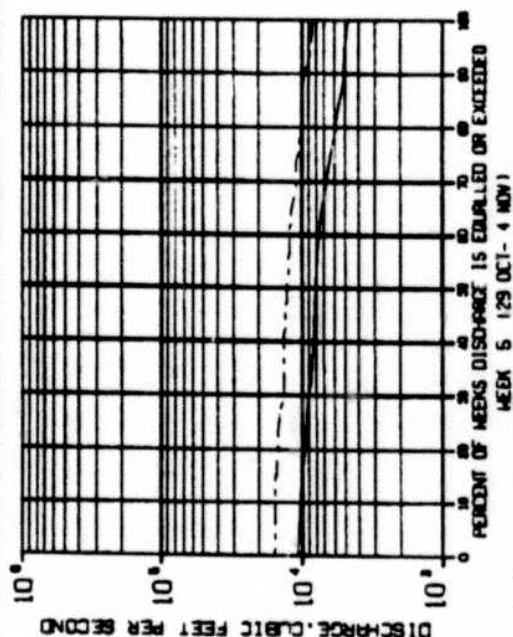
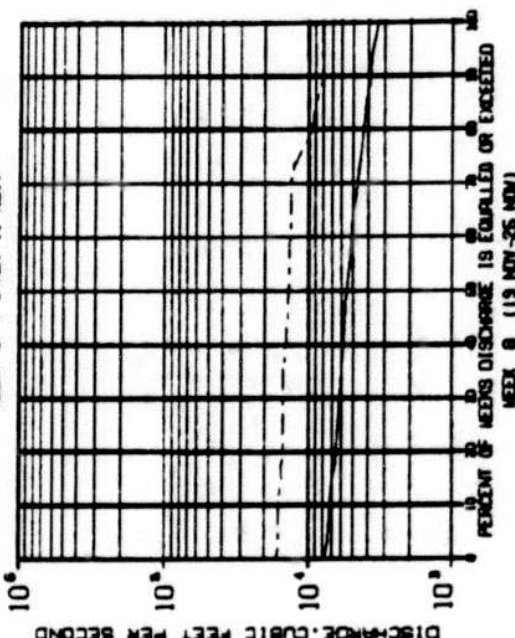
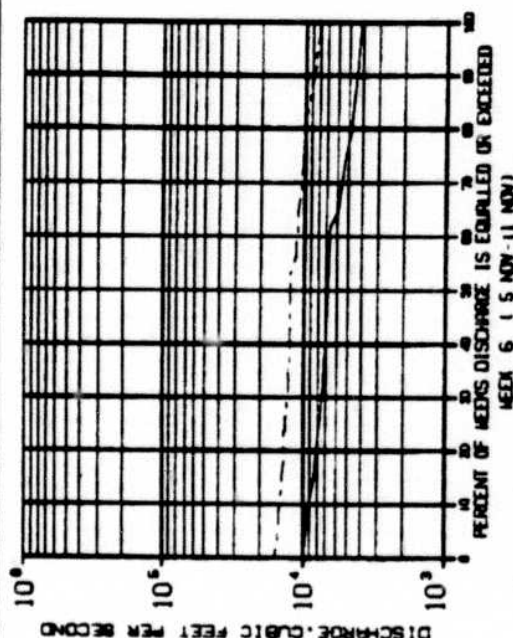


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 HARZA-EDRAC-0 SUSITNA JOINT VENTURE JUNE 84

LEGEND

— NATURAL
- - - WITH-PROJECT, CREE C MINIMUM TARGET FLOWS FOR LOPO CONDITIONS 1986 (NATURAL ONLY)

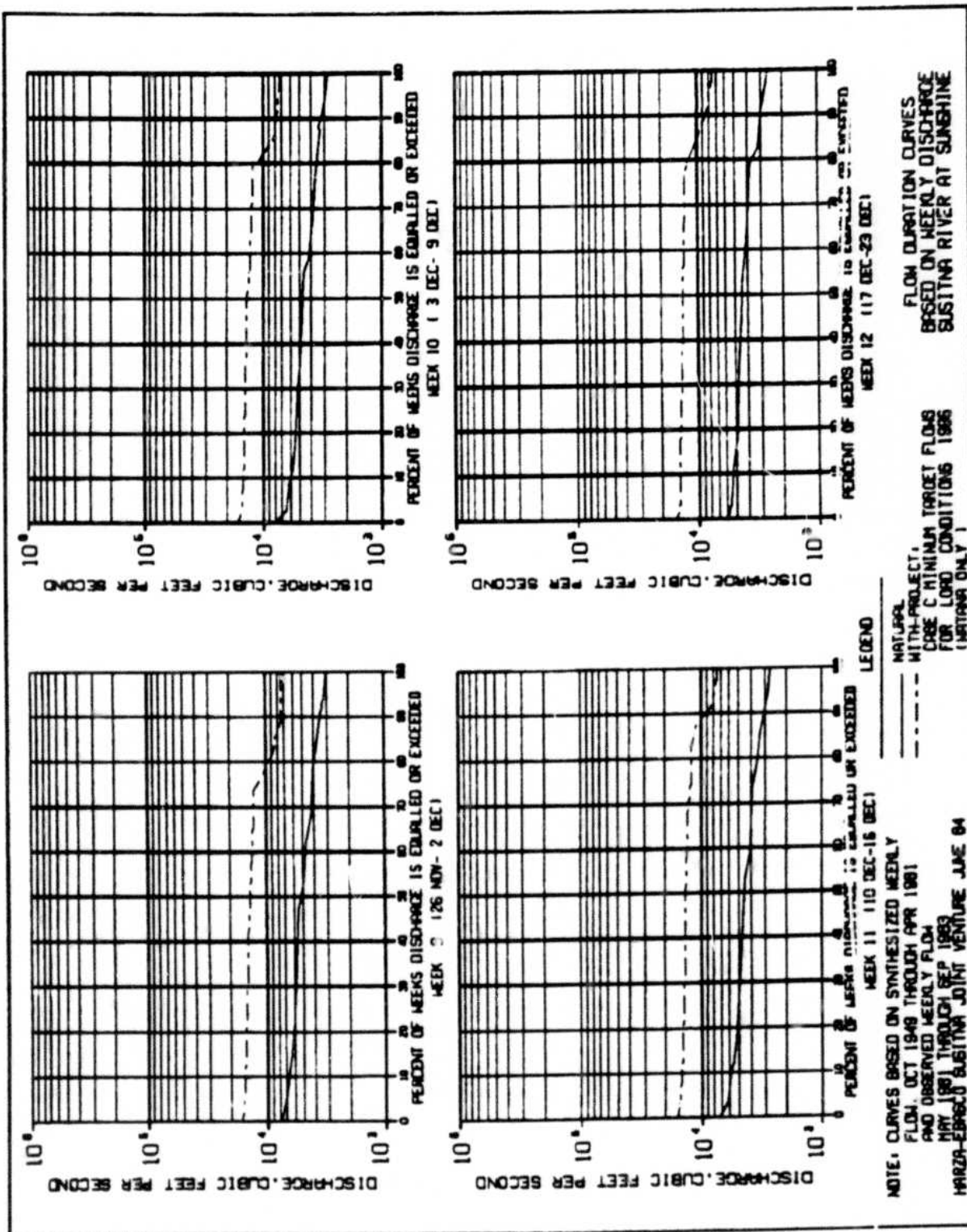
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNAHINE

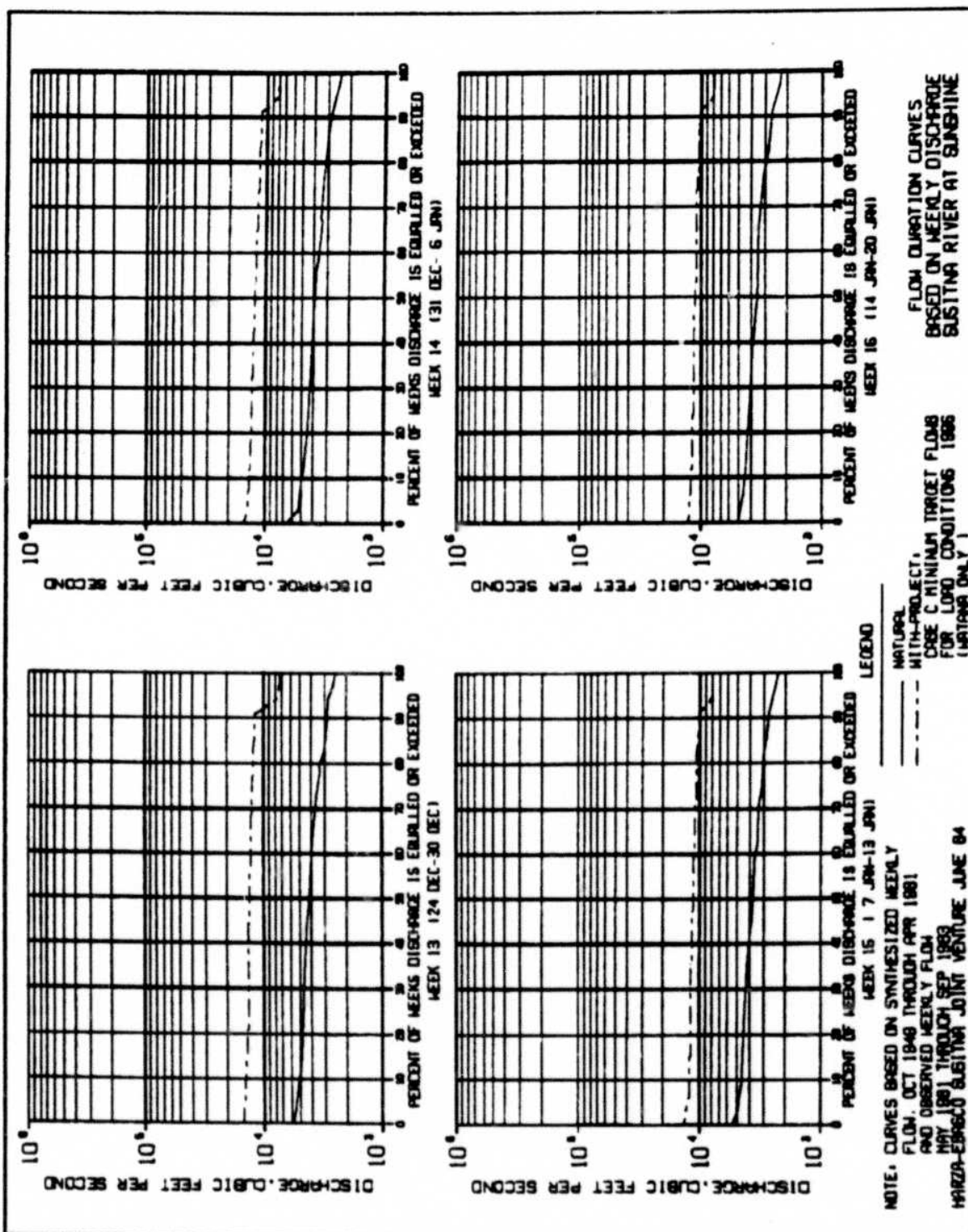


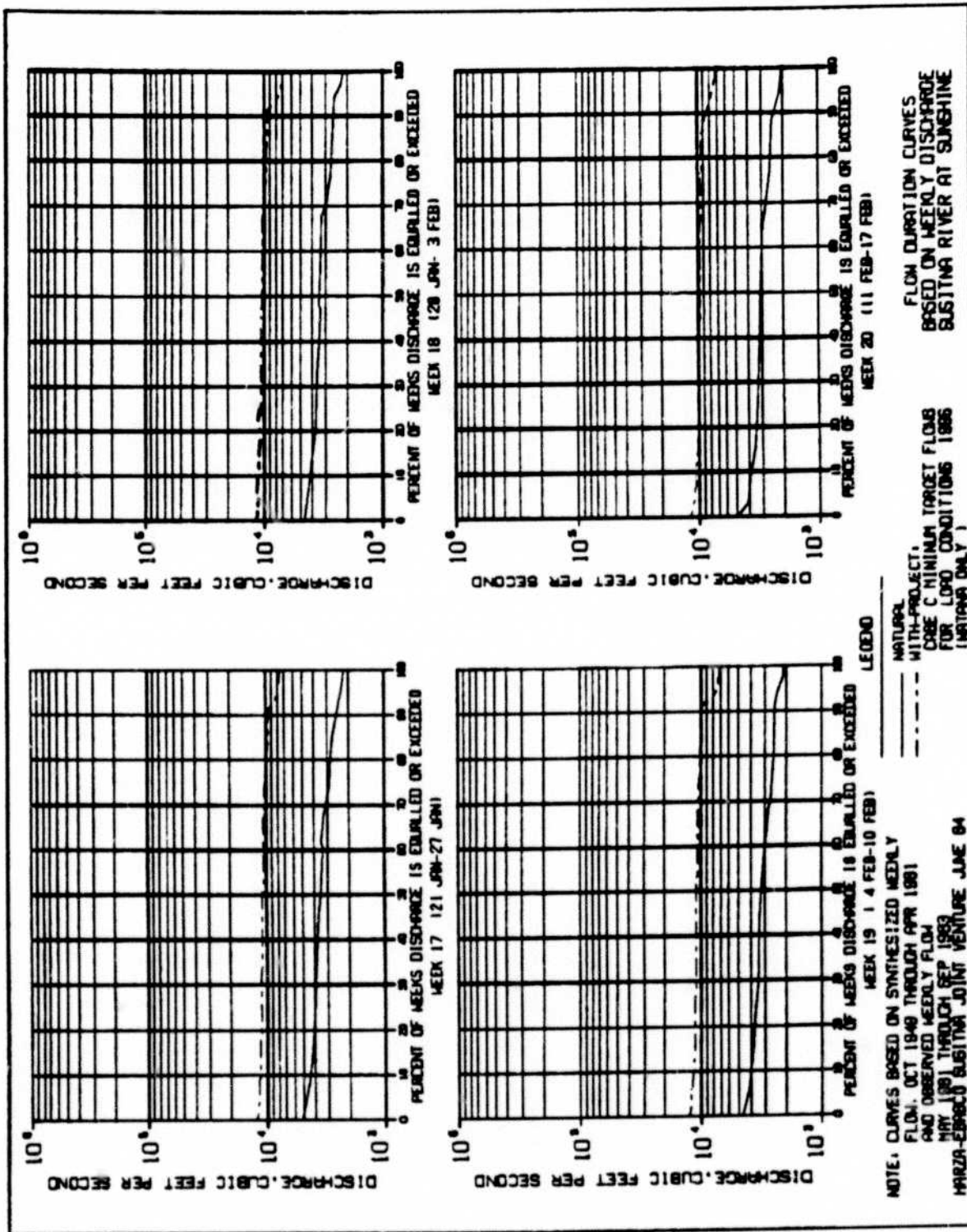
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNAHINE

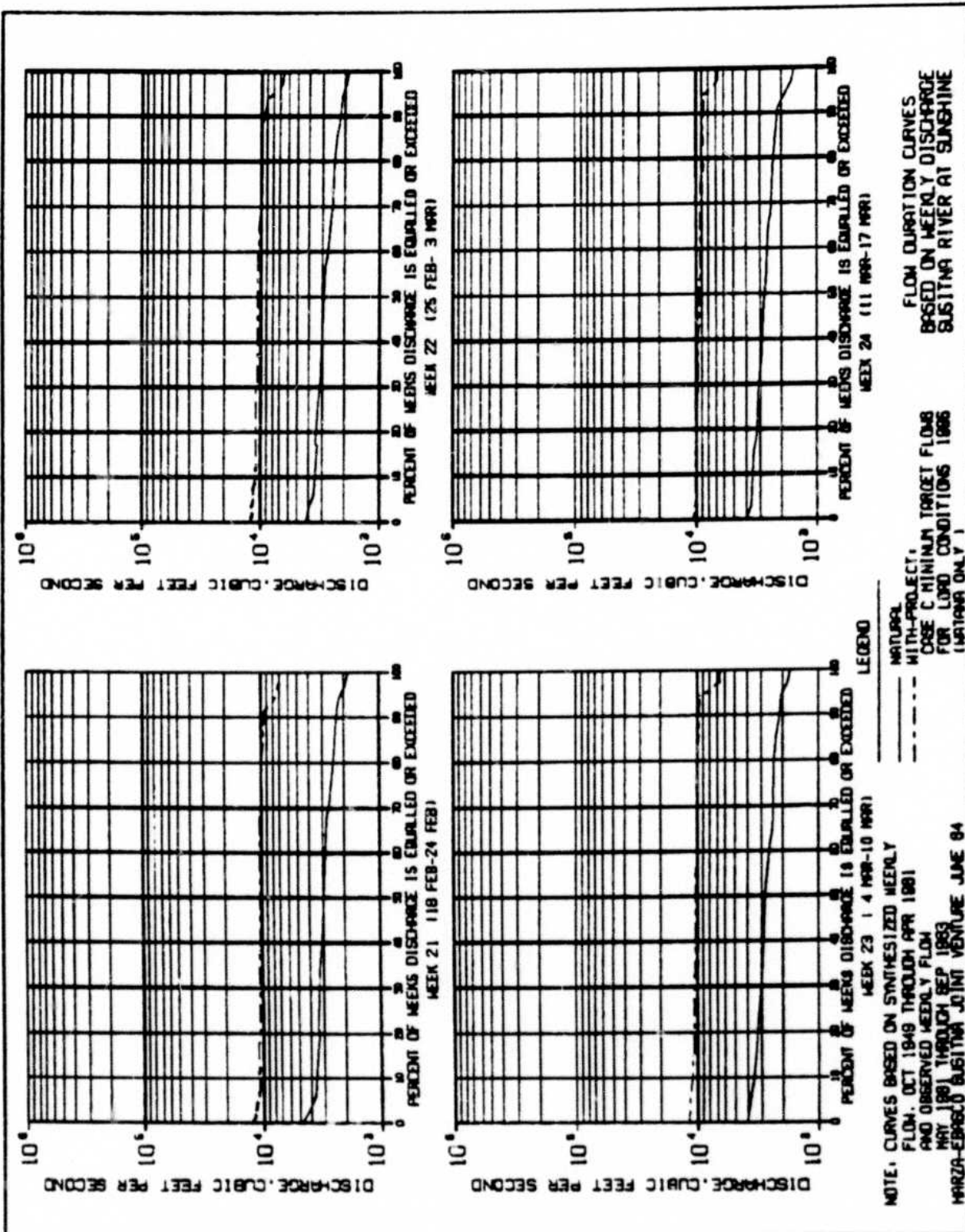
LEGEND
NATURAL
WITH-PROJECT
CASE C MINIMUM TARGET FLOW
FOR LOAD CONDITIONS 1986
(NATURAL ONLY)

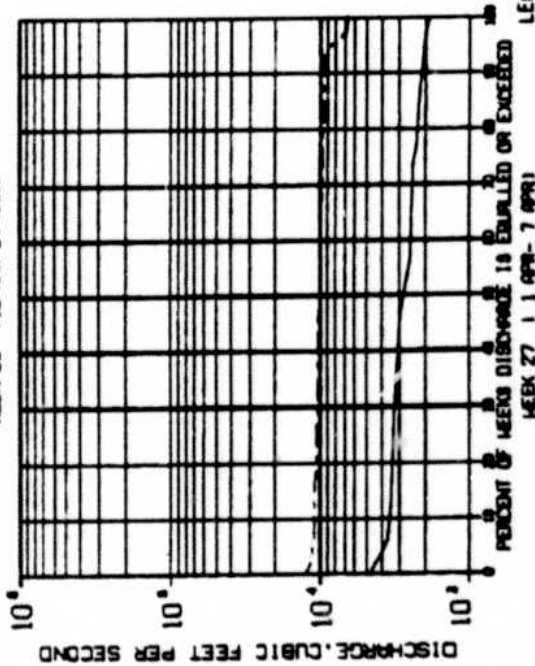
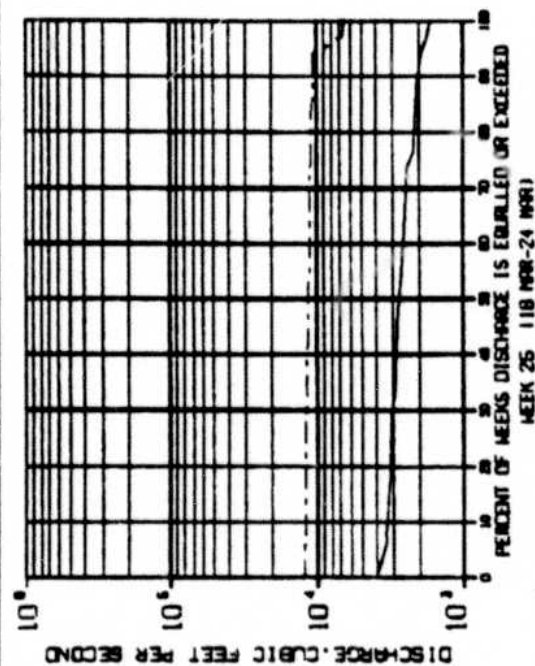
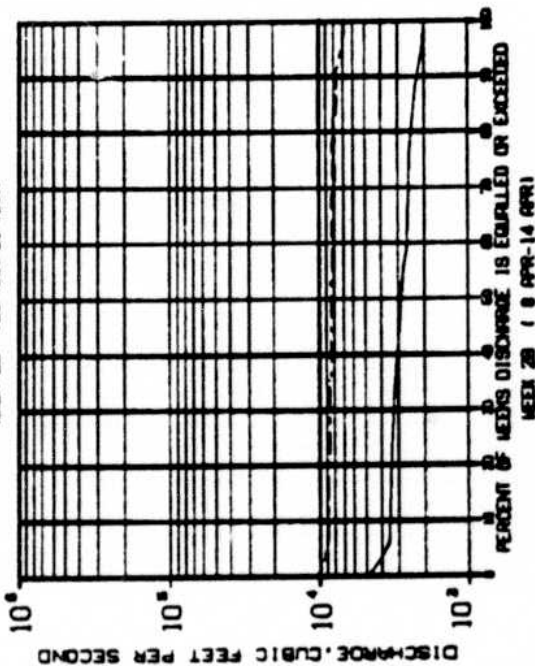
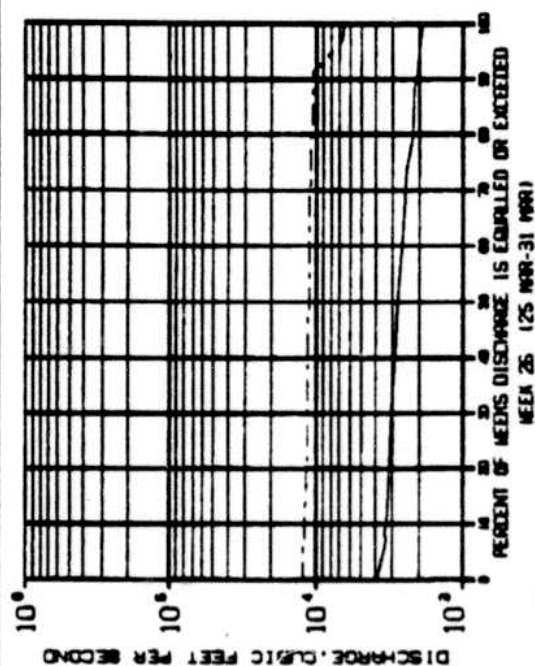
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY
FLOW, OCT 1948 THROUGH APR 1981
AND OBSERVED WEEKLY FLOW
MAY 1981 THROUGH SEP 1983
MARZA-ERASCO SUSTITNA JOINT VENTURE, JUNE 84









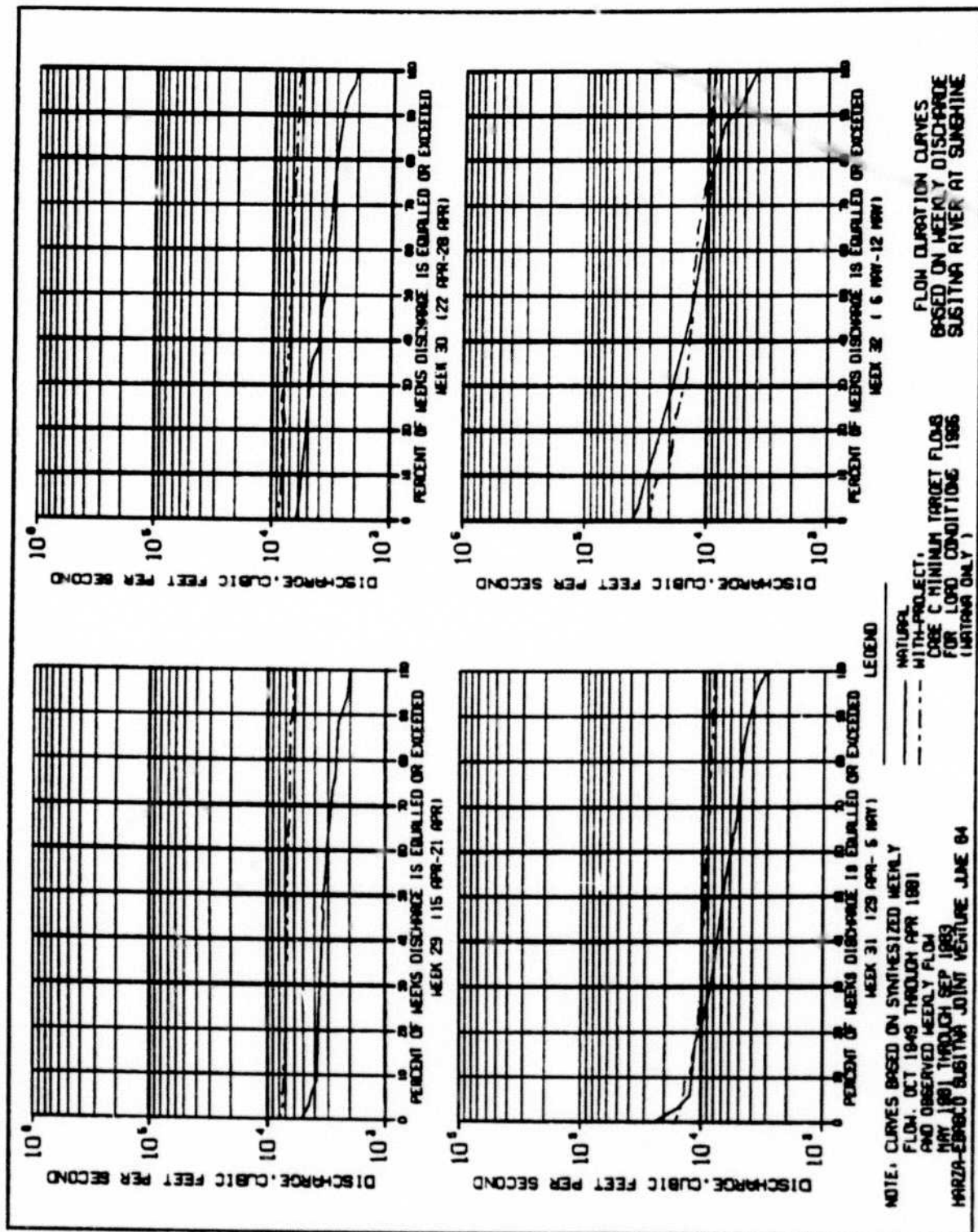


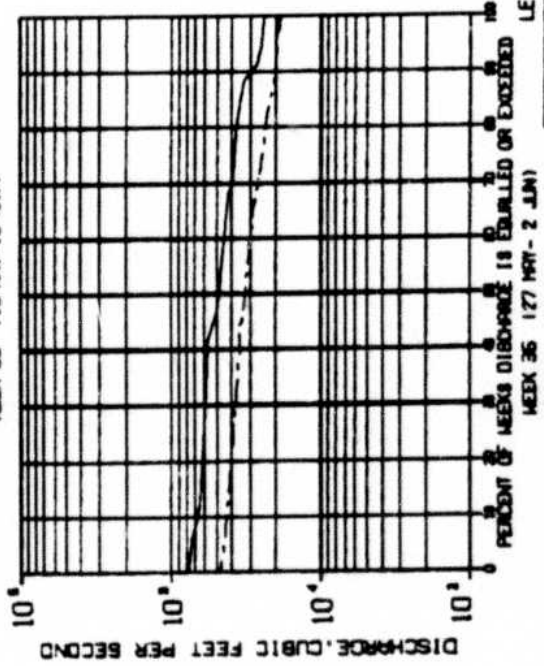
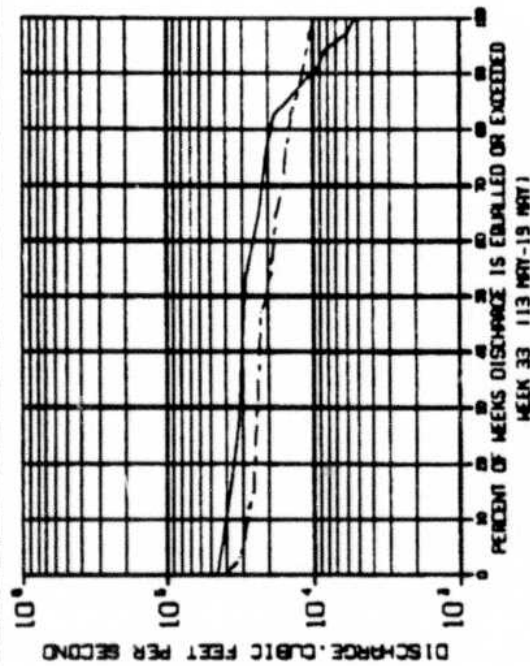
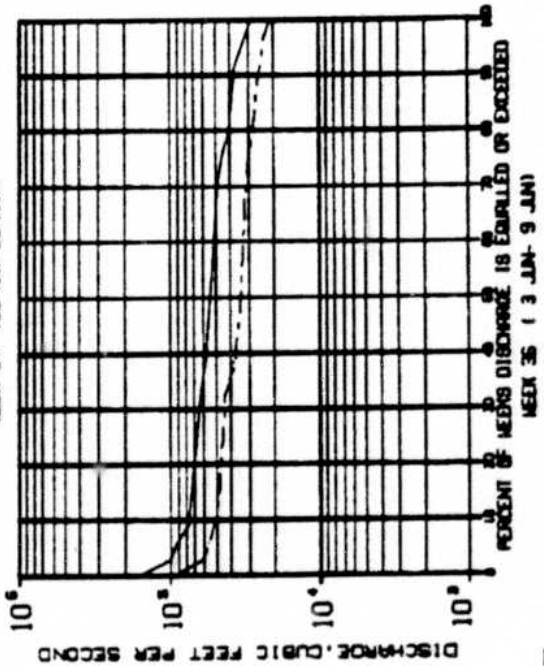
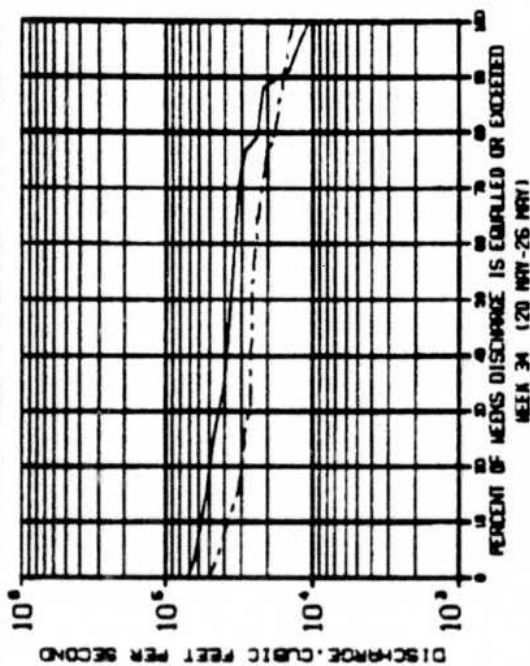
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1940 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983. HAZARDOUS SUBSTANCES JOINT VENTURE, JUNE 84

LEGEND

— NATURAL FLOW
--- WITH-PROJECT, CORE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 1985 (HATARA ONLY)

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSITNA RIVER AT SUNSHINE

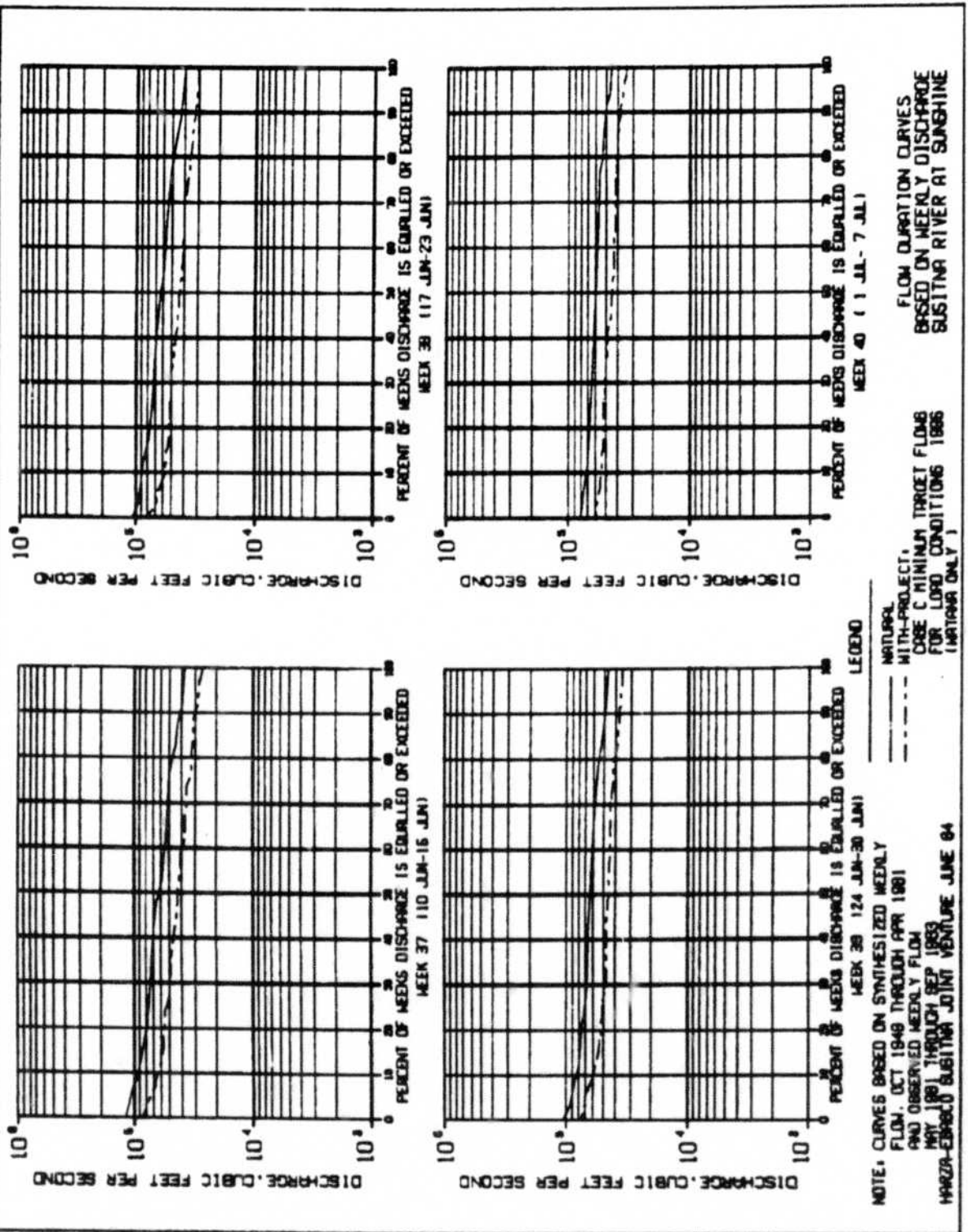


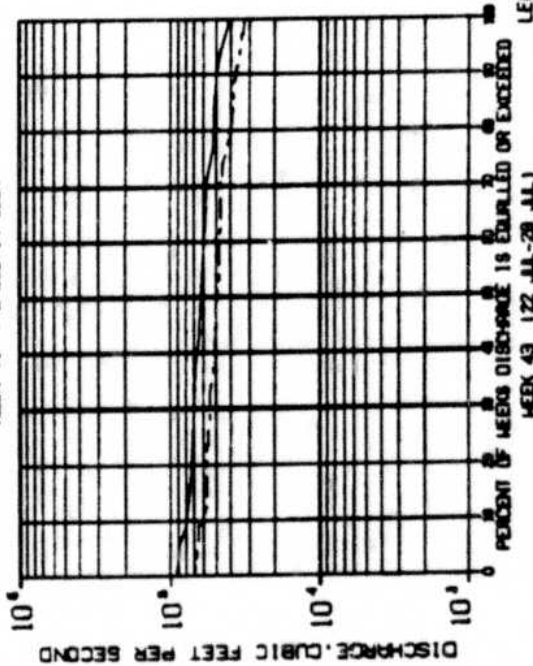
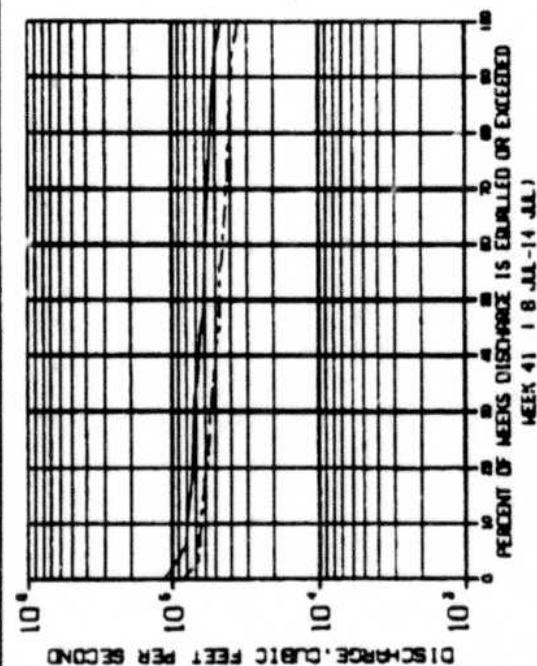
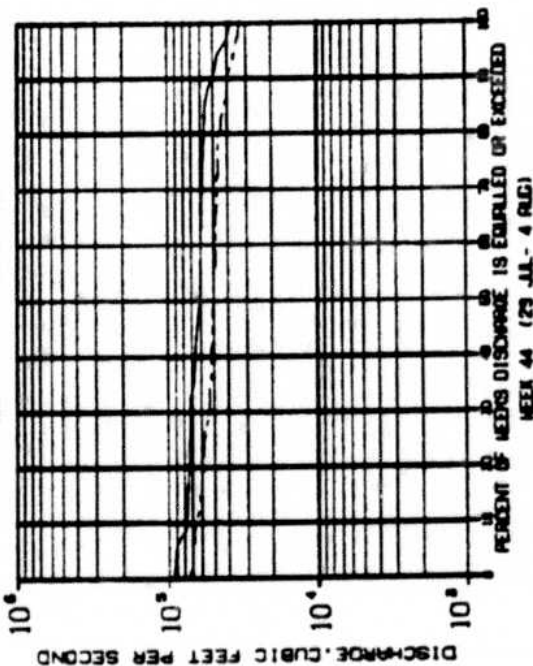
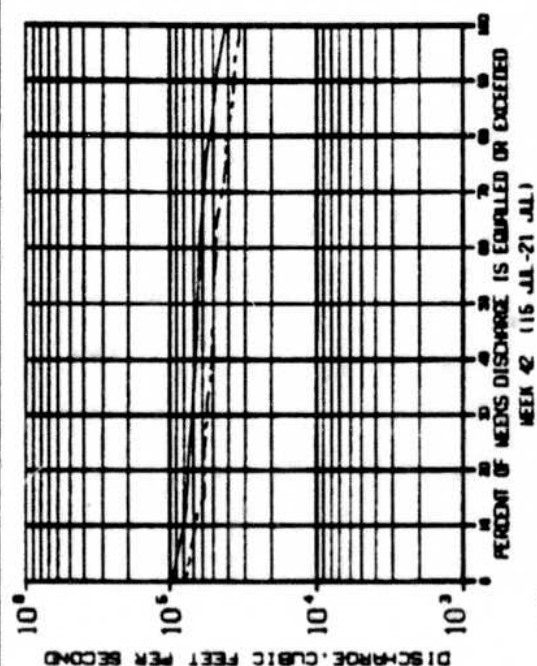


FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
BUSTINA RIVER AT SUNSHINE

LEGEND
—— NATURAL
---- WITH-PROJECT
CORE MINIMUM TARGET FLOW
FOR LOAD CONDITIONS 1986
(HARTMAN ONLY)

NOTE: CURVES BASED ON SYNTHESIZED WEEKLY
FLOW, OCT 1948 THROUGH APR 1981
AND OBSERVED WEEKLY FLOW
MAY 1981 THROUGH SEP 1983
HARZA-EBERD BUSTINA JOINT VENTURE JUNE 84



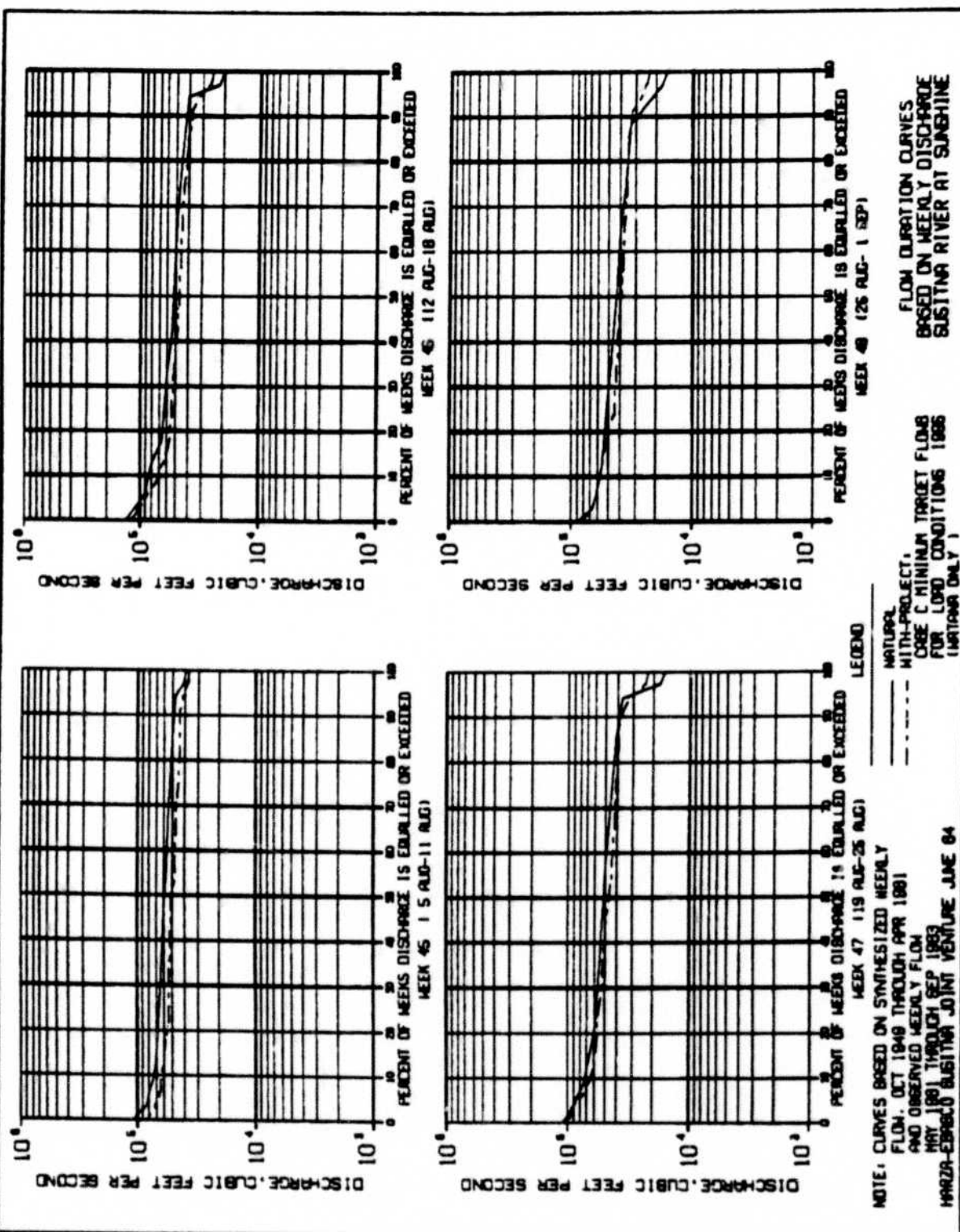


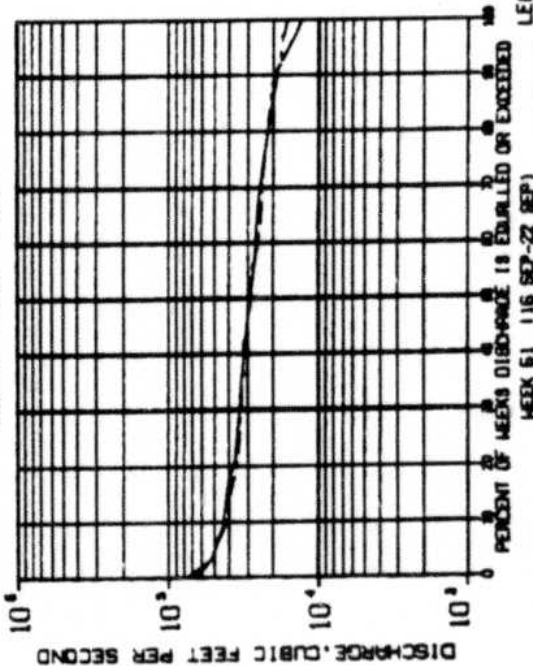
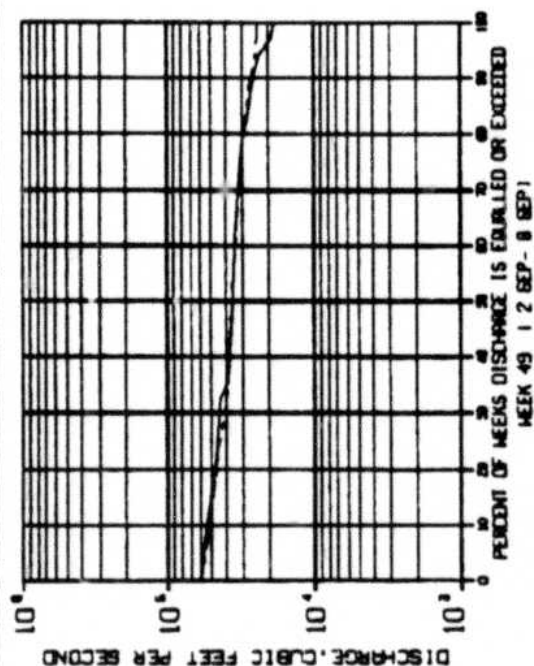
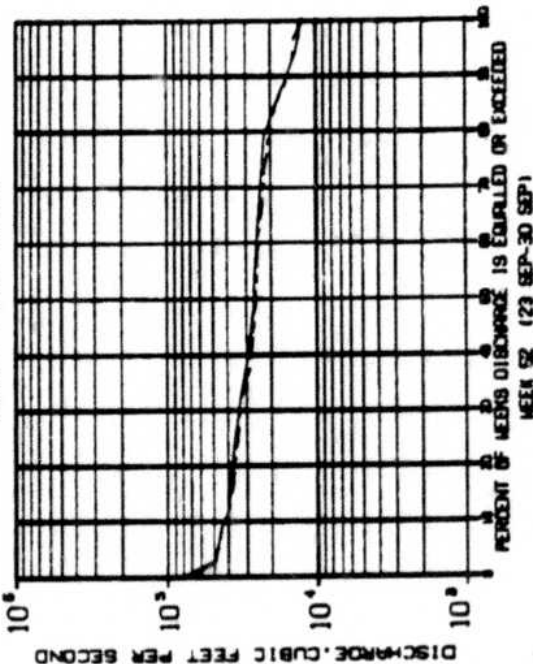
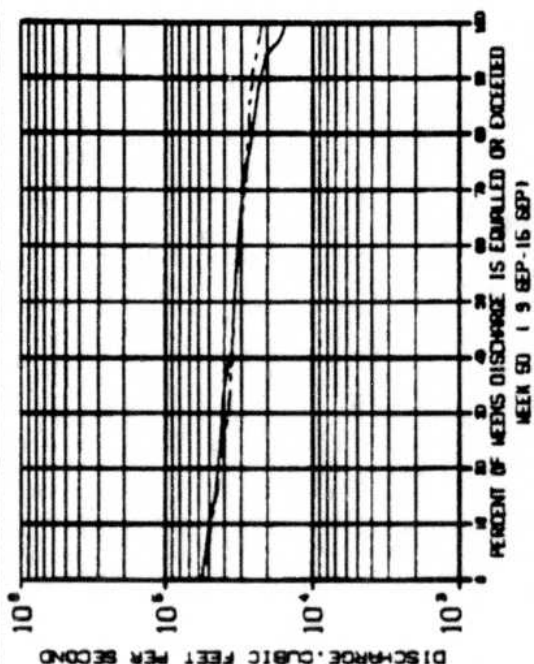
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW: OCT 1948 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983. HAZZARD-ERASCO AUGMENTATION JOINT VENTURE, JUNE 84.

LEGEND

— NATURAL WITH-PROJECT, CORE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 1986 (HARTMAN ONLY)

--- FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSTAIN RIVER AT SUNSHINE



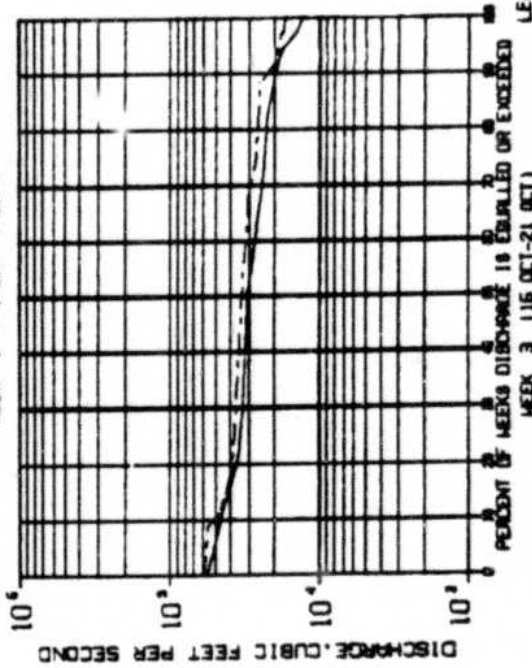
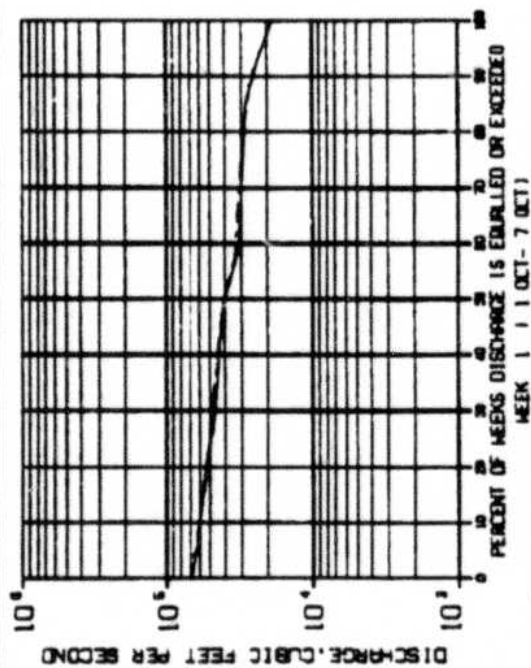
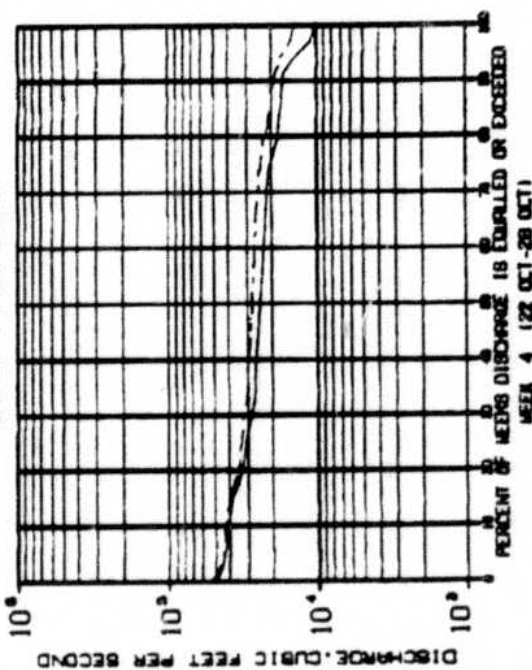
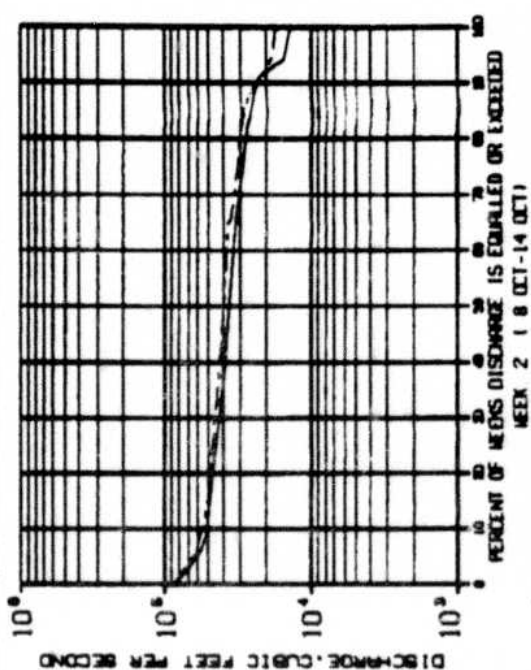


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 HARZA-EDR600 BUSITNA JOINT VENTURE JUNE 84

LEGEND

— NATURAL
--- WITH-PROJECT, CREE C MINIMUM TARGET FLOWS FOR LOAD CONDITIONS 1986 (WATFAR ONLY)

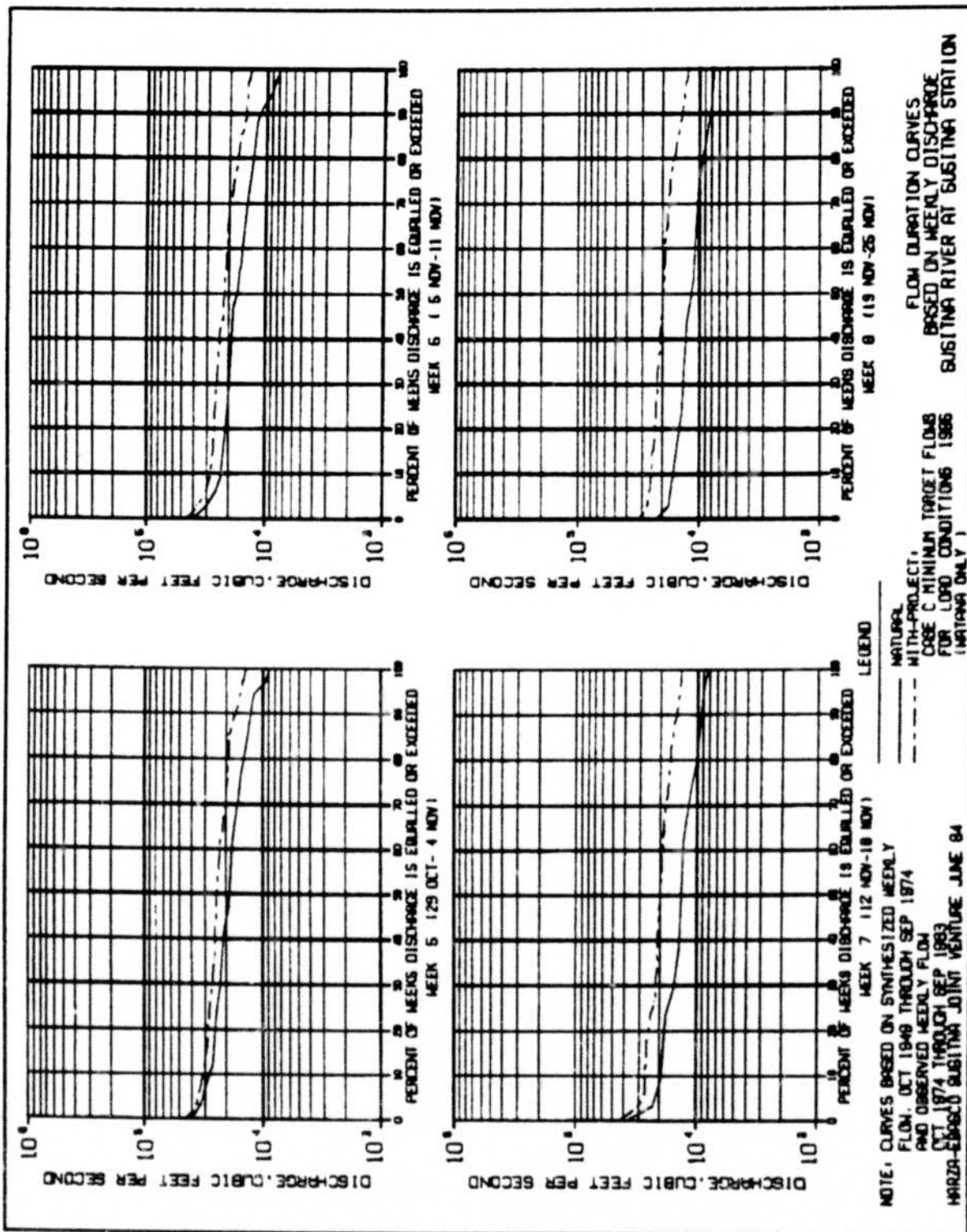
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
BUSITNA RIVER AT SUNSHINE

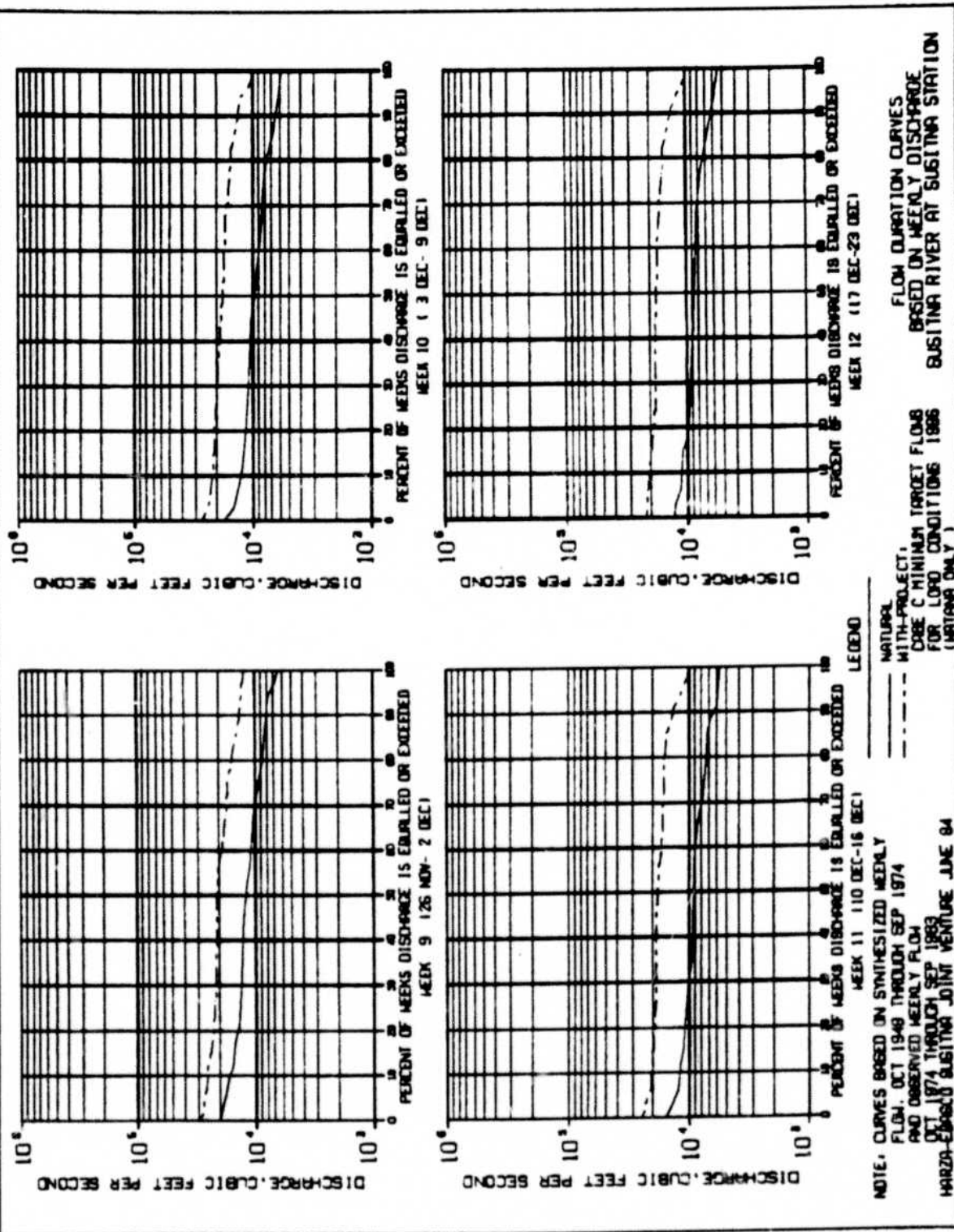


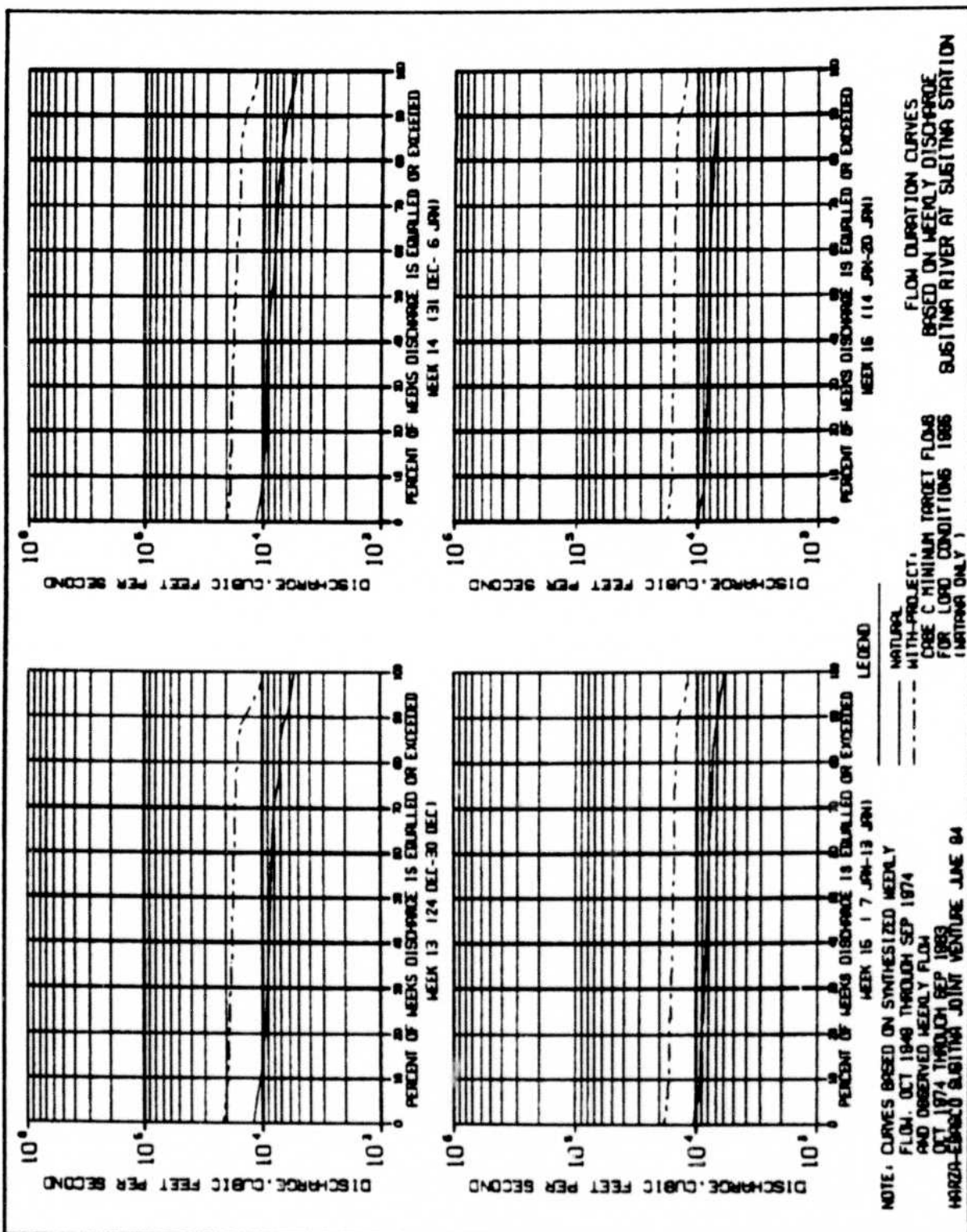
NOTE: CURVES BASED ON SIMPLIFIED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983. HAZARDOUS SUSTAINA JOINT VENTURE, JUNE 84.

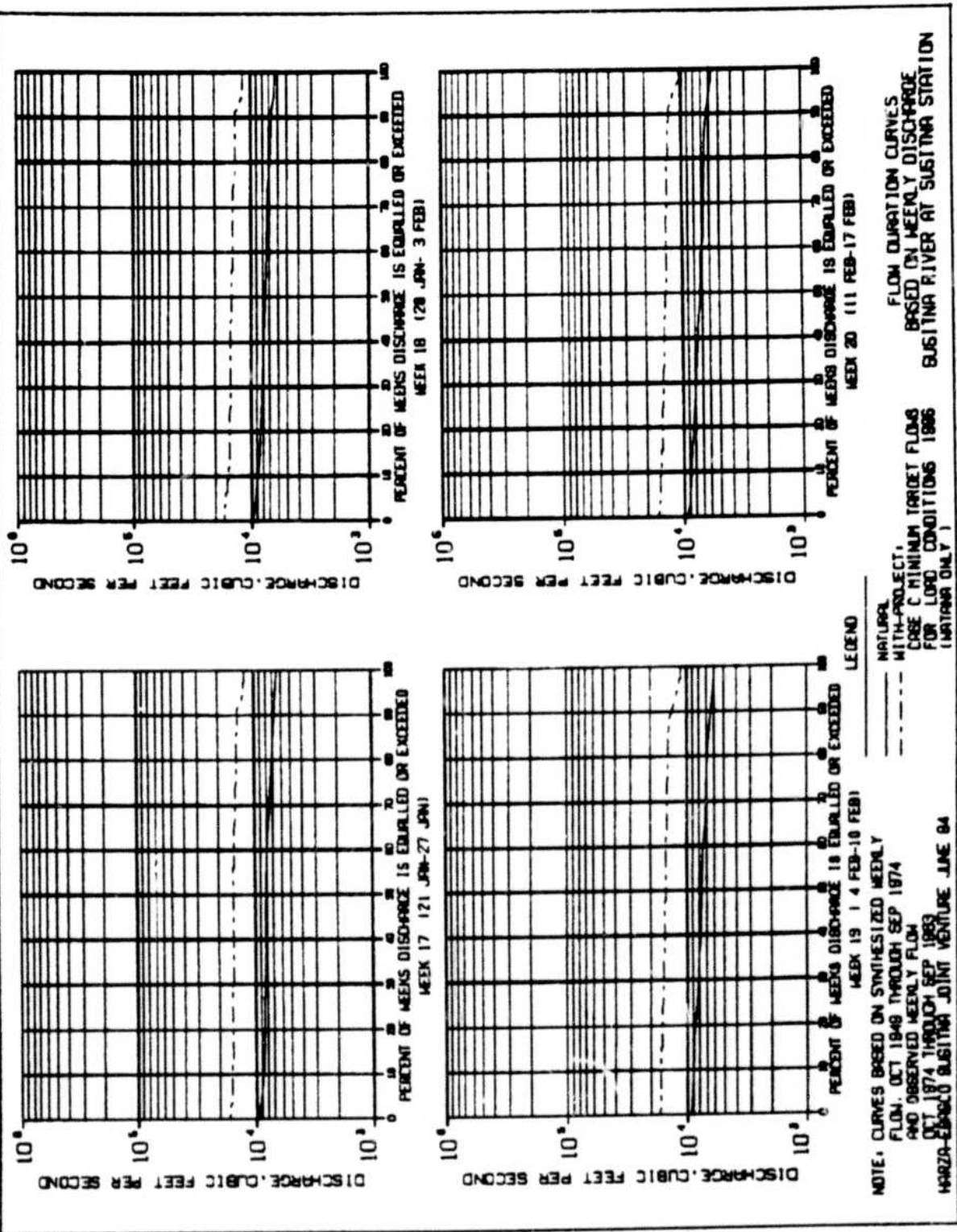
LEGEND:
 — NATURAL
 --- WITH-PROJECT
 --- CASE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 1986 (HARTMAN ONLY)

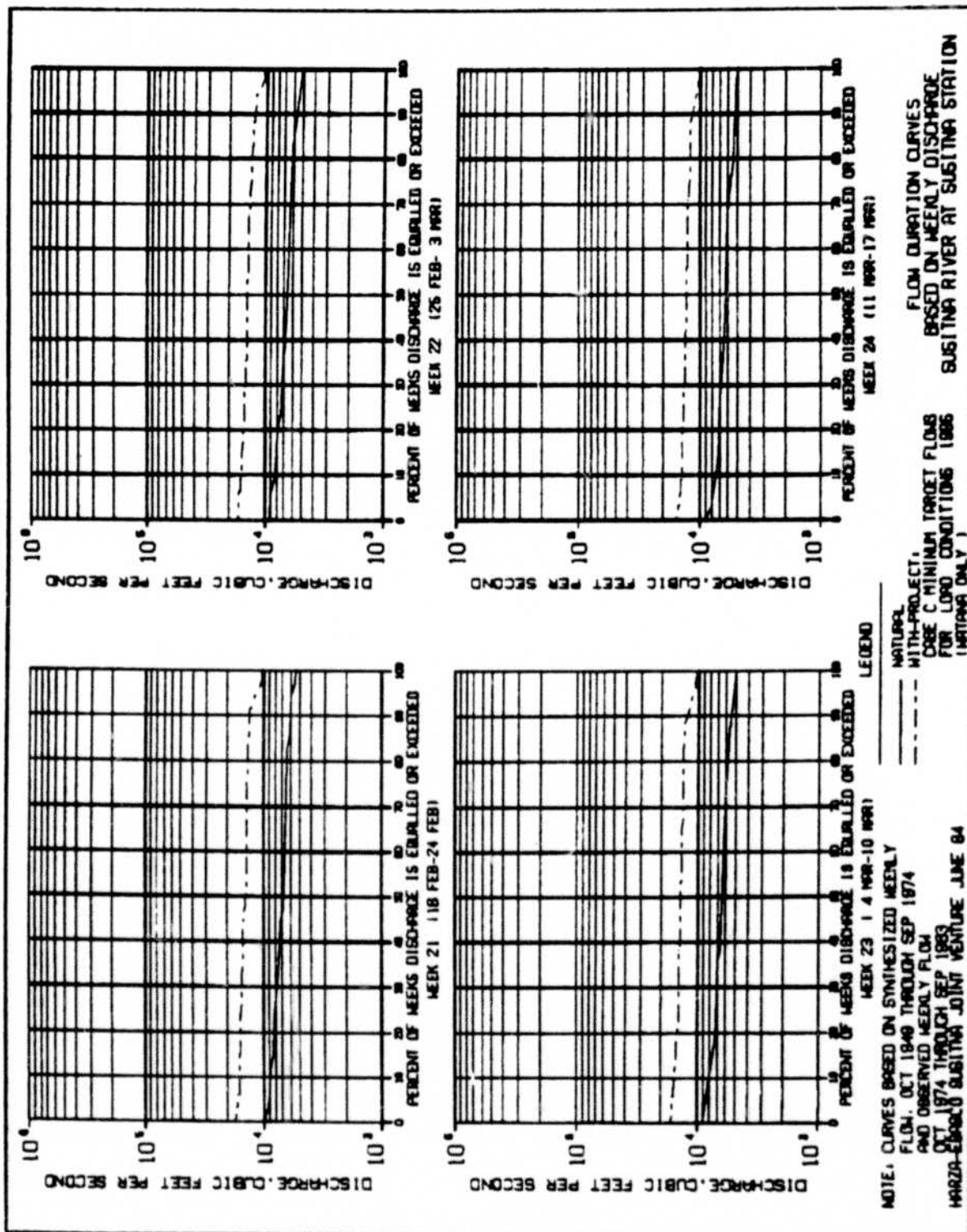
FLOW DURATION CURVES
 BASED ON WEEKLY DISCHARGE
 SUSTAINA RIVER AT SUSTAINA STATION

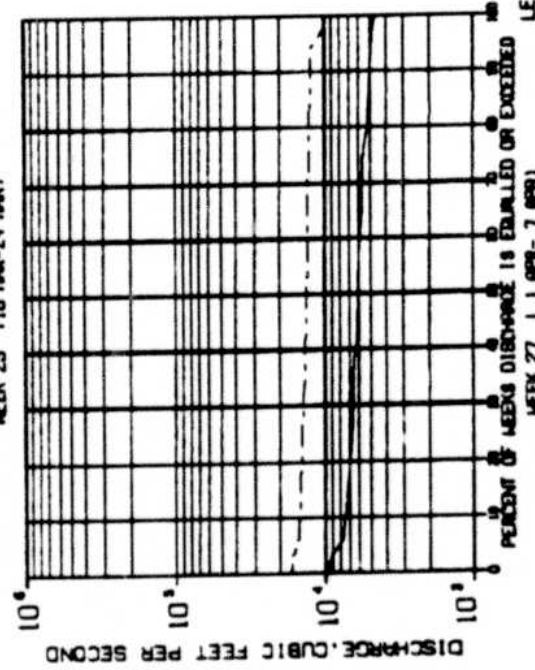
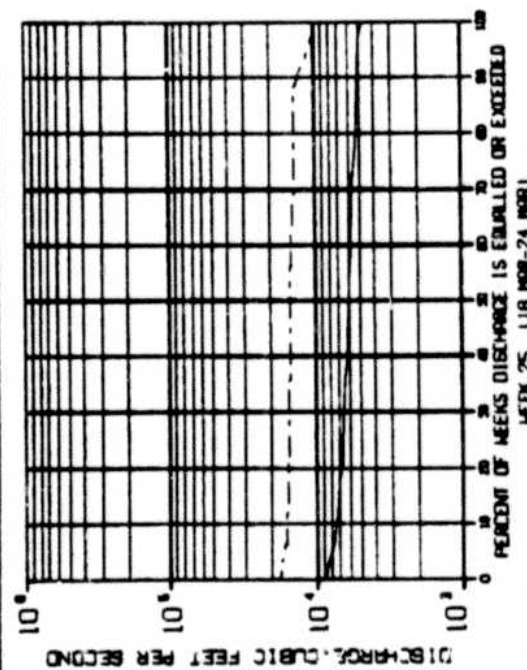
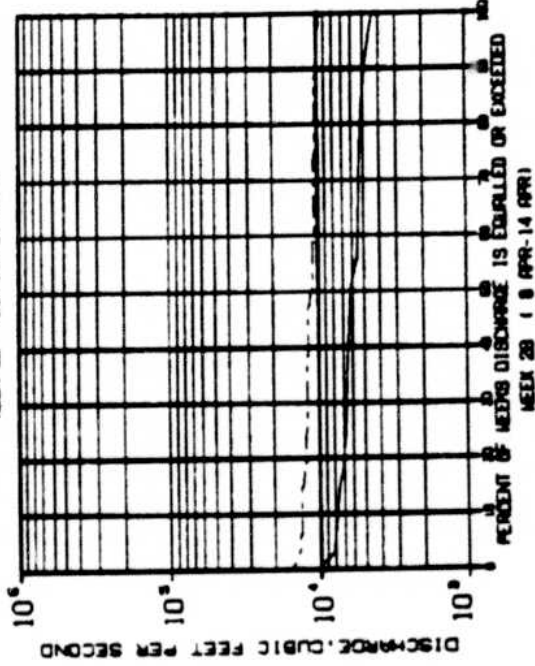
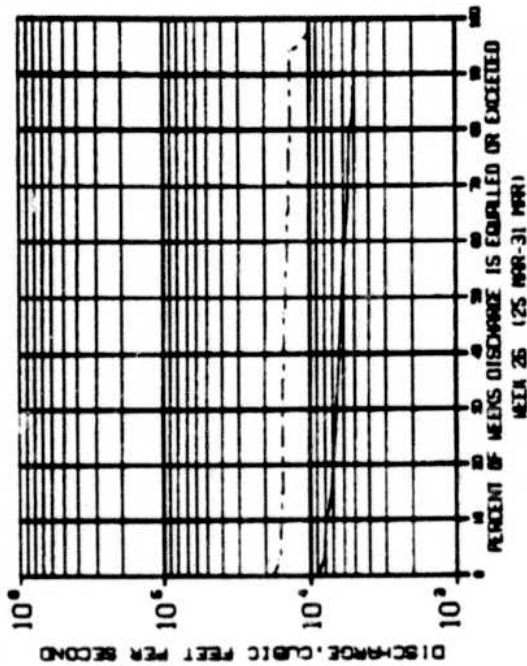










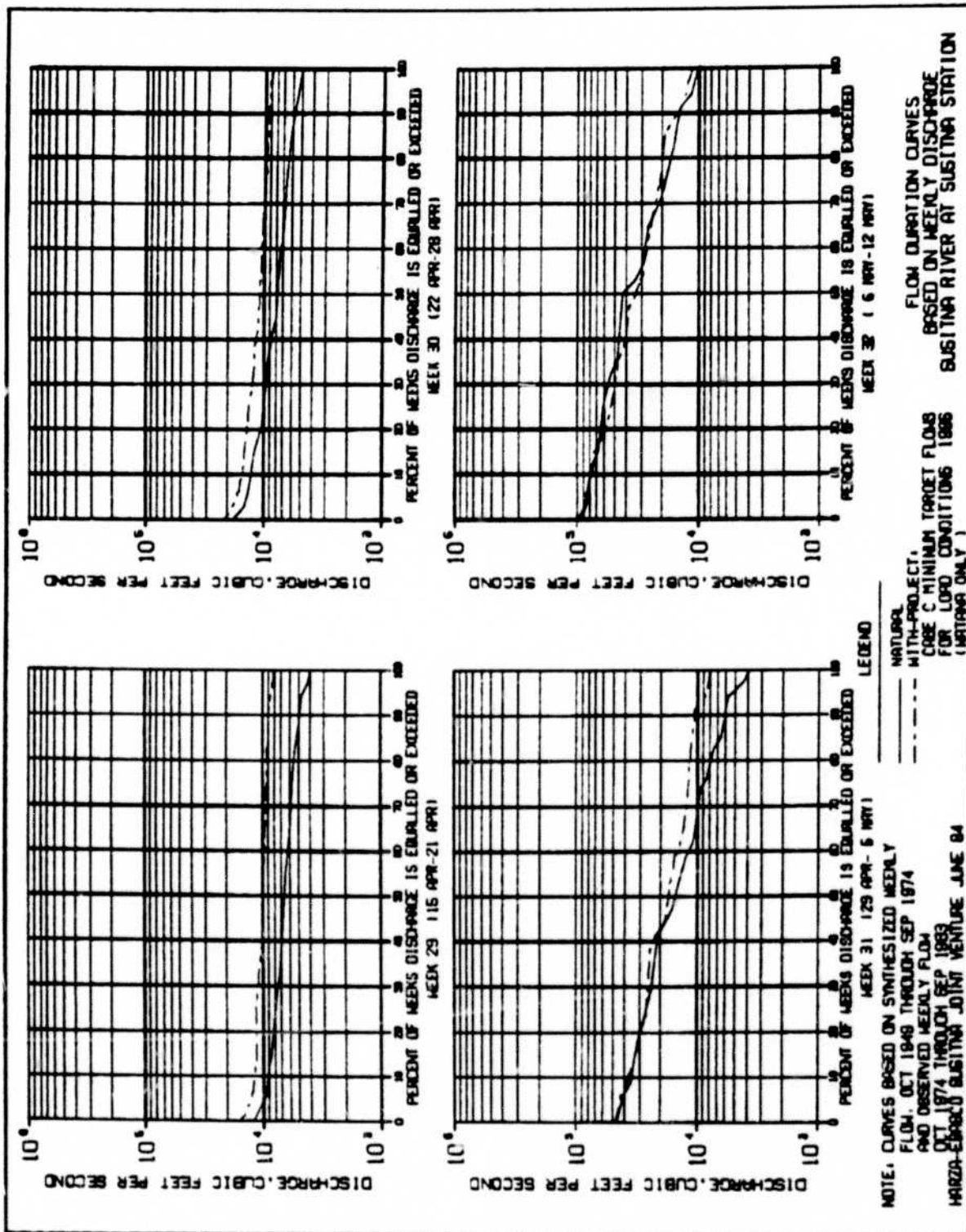


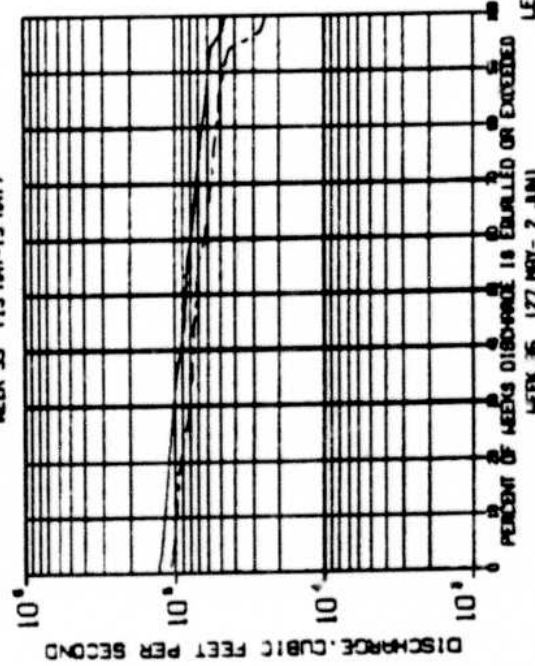
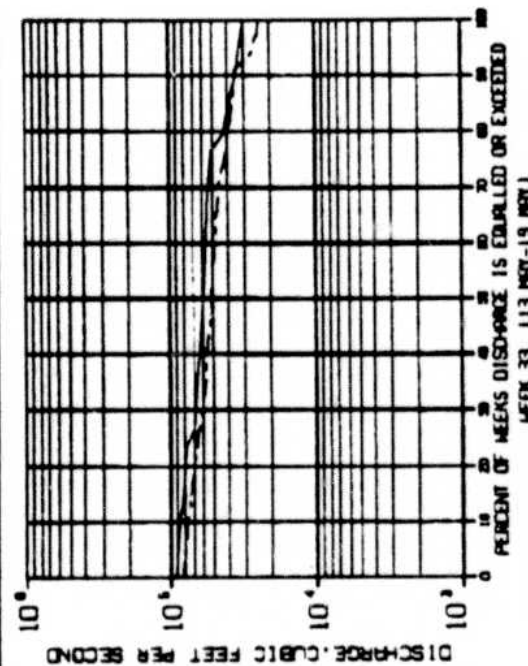
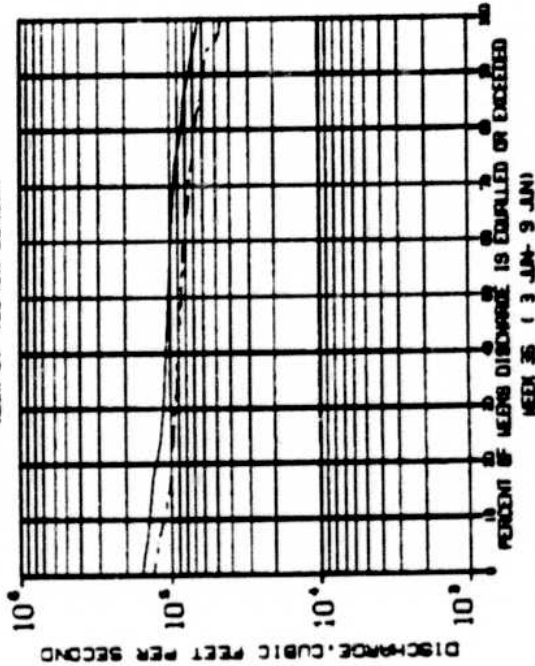
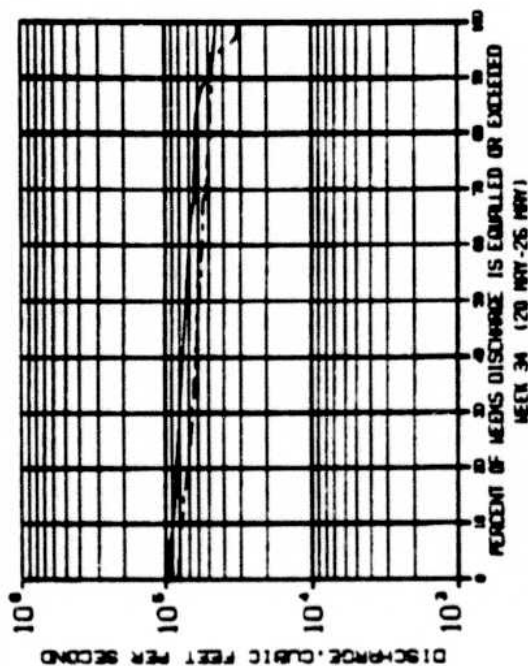
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983. HARZA-ENGLEWOOD SUSTAINMENT JOINT VENTURE, JUNE 84.

LEGEND

NATURAL WITH-PROJECT, CASE C MINIMUM TARGET FLOWS FOR LOGO CONDITIONS 1986 (NATURAL ONLY)

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSTAINMENT RIVER AT SUSTAINMENT STATION



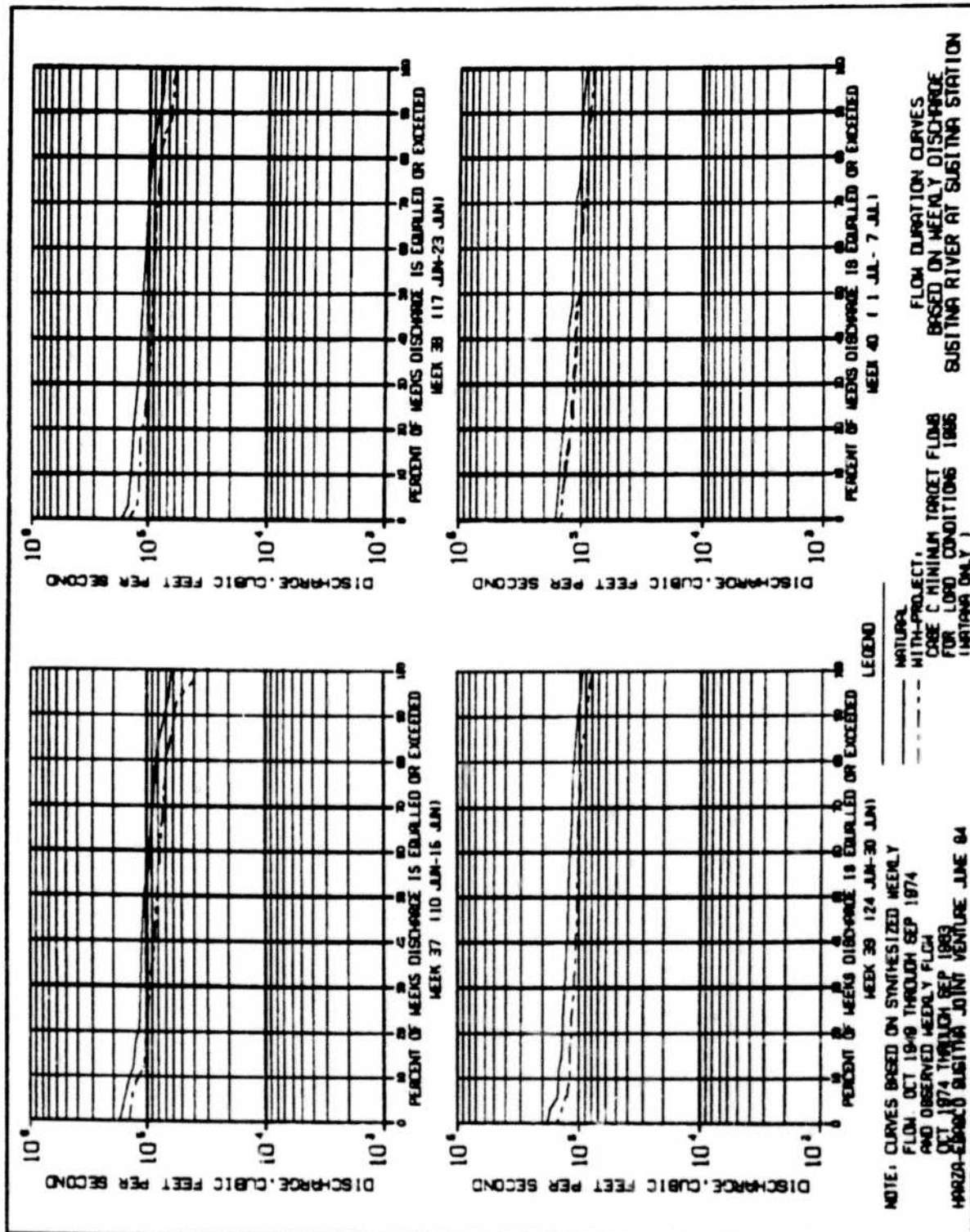


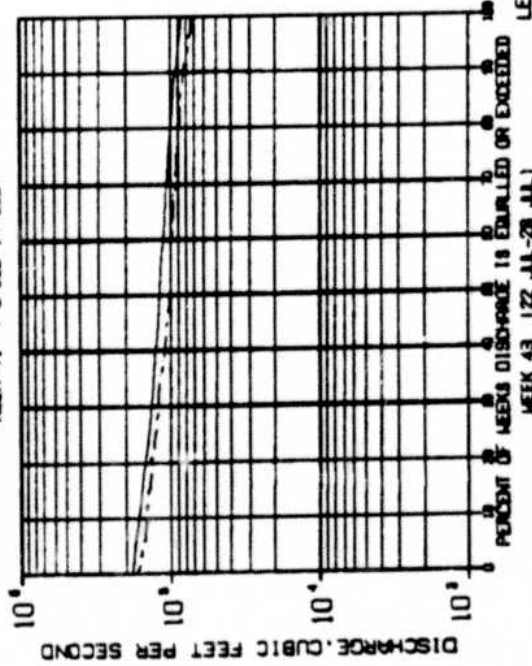
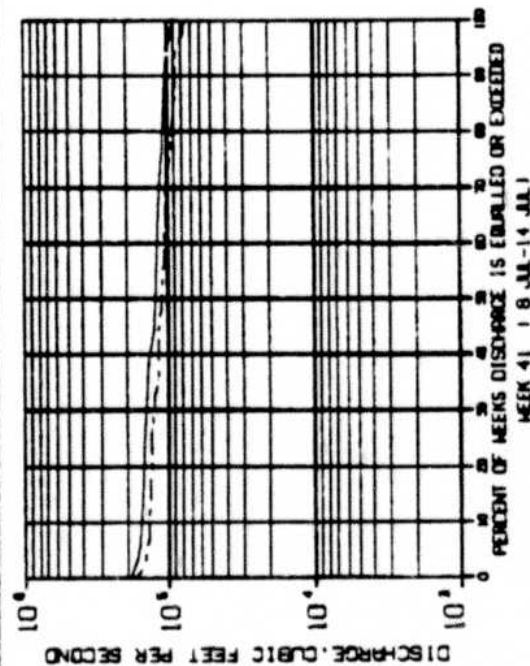
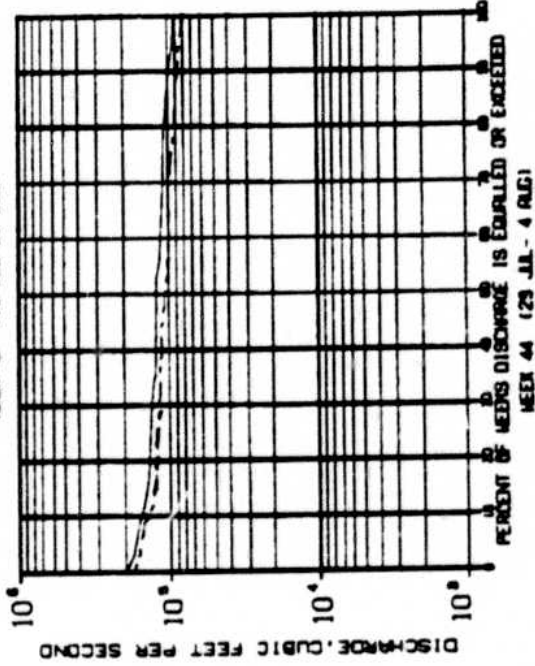
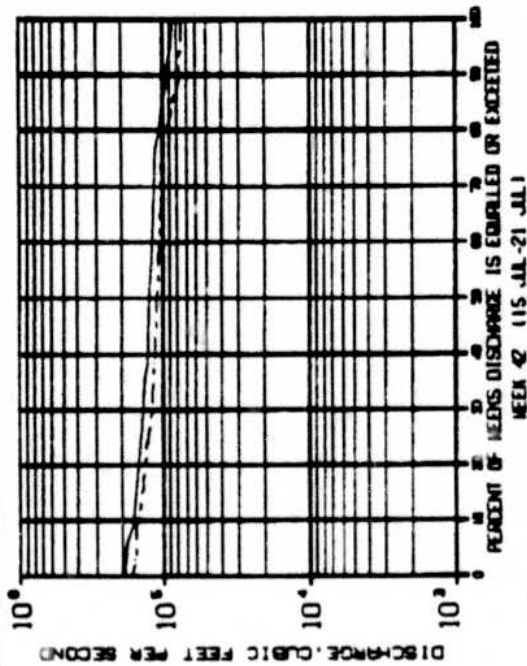
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1948 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW OCT 1974 THROUGH SEP 1983 HARZA-ERDCO SUSTINA JOINT VENTURE JUNE 84

LEGEND

- NATURAL
- WITH-PROJECT
- BASE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 1986 (NATURAL ONLY)

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSTINA RIVER AT SUSTINA STATION



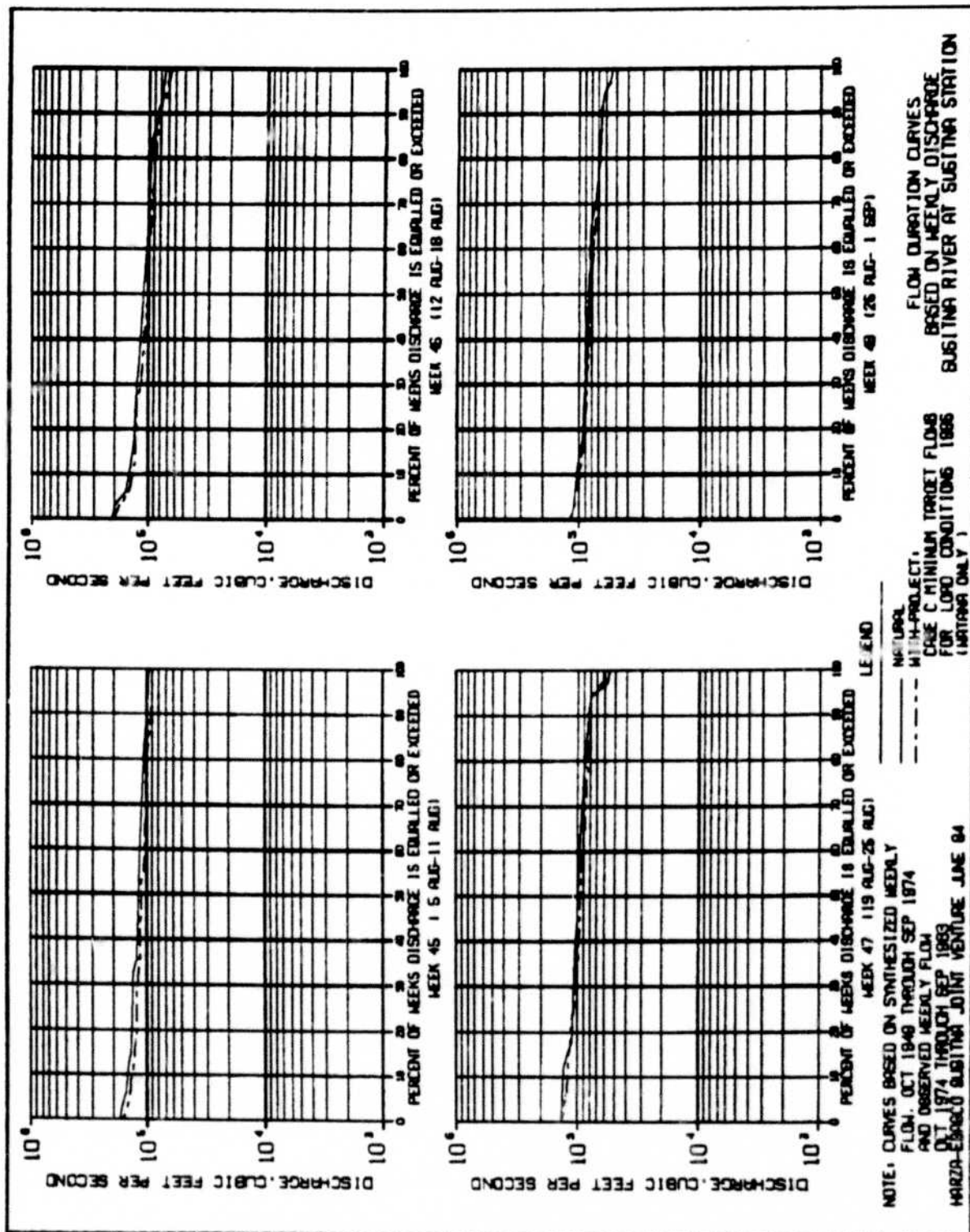


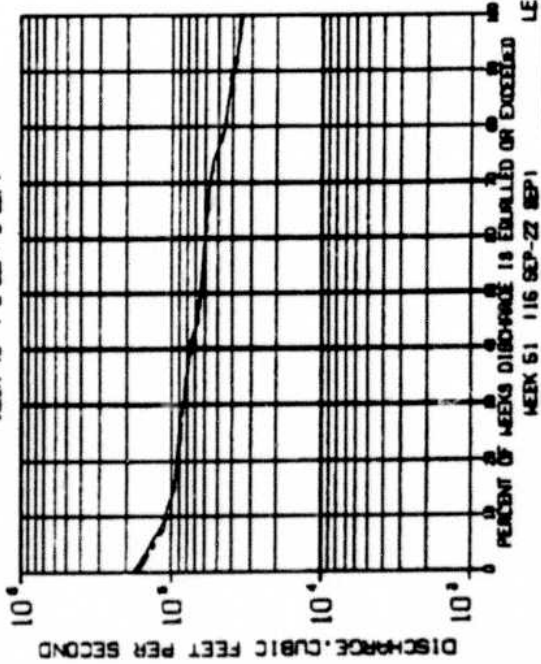
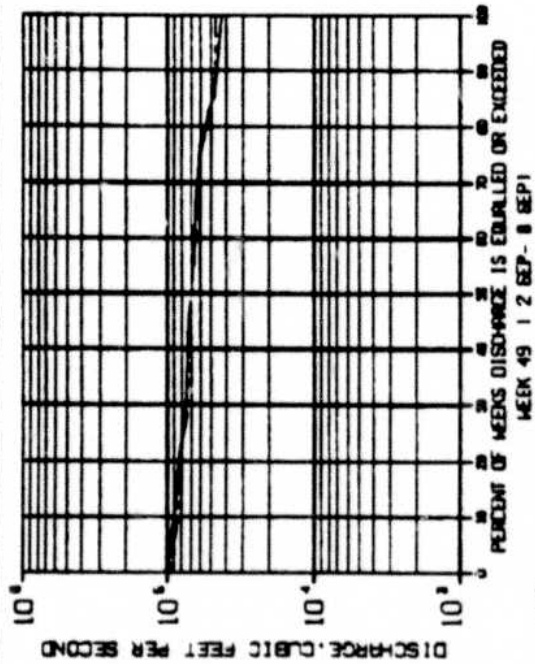
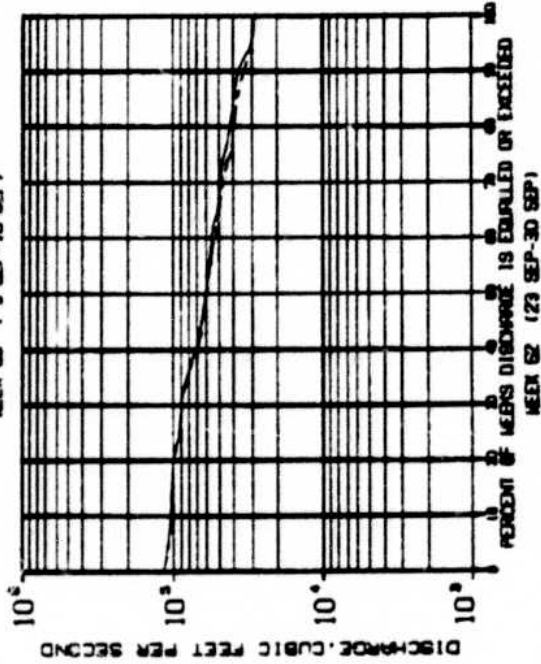
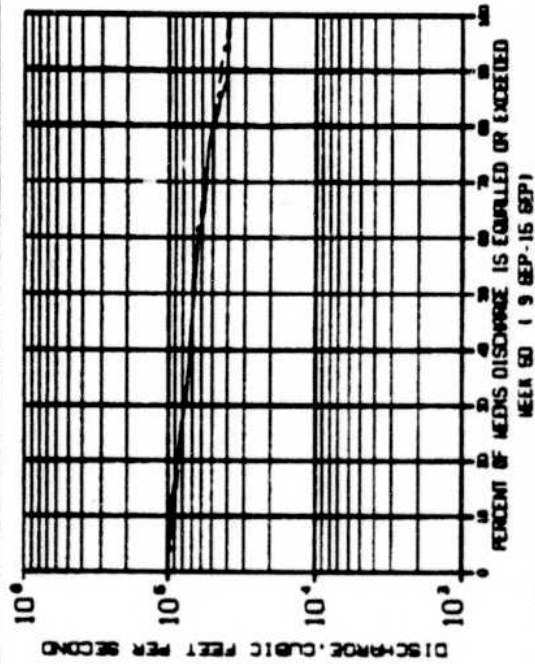
LEGEND

— NATURAL
--- WITH PROJECT,
CORE C MINIMUM TARGET FLOW
FOR LOUD CONDITIONS 1986
(NATURAL ONLY)

NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983. HARZA-EMCO-SUSITNA JOINT VENTURE, JUNE 84.

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUSITNA STATION



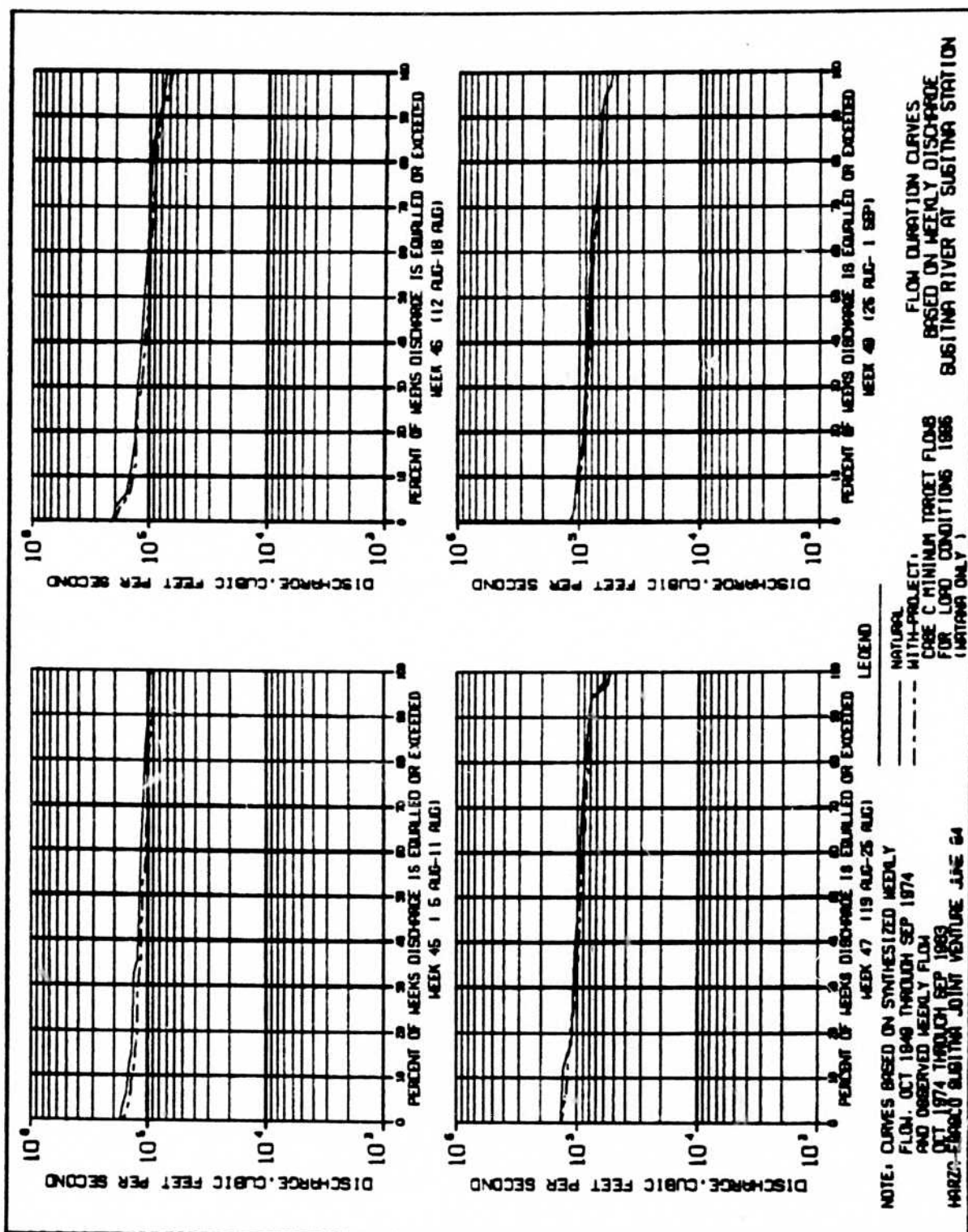


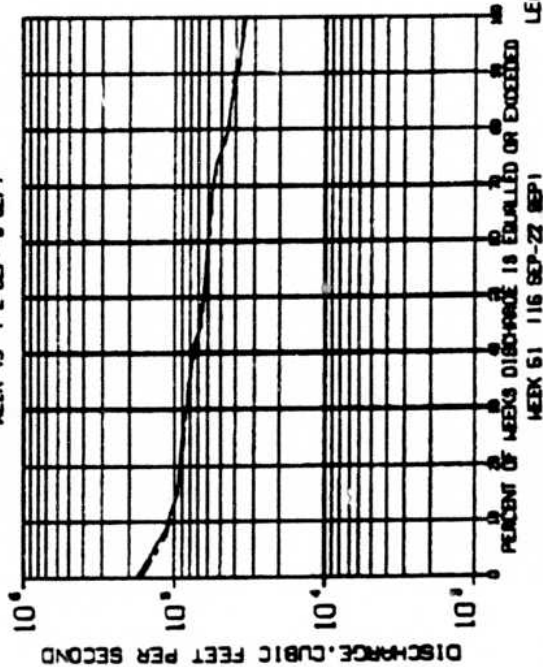
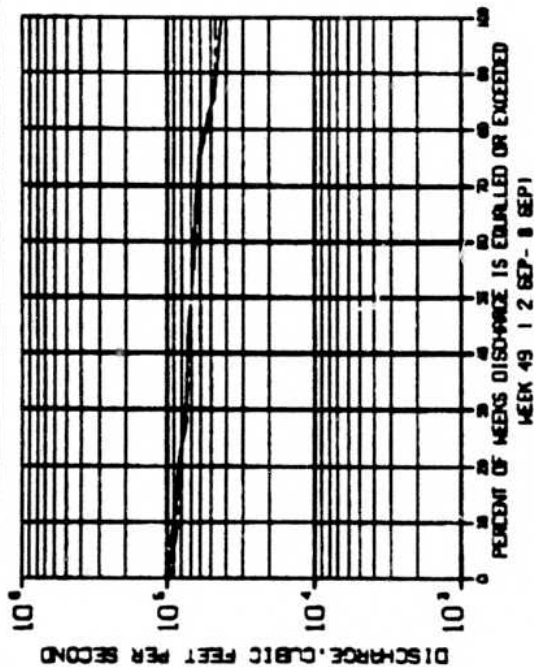
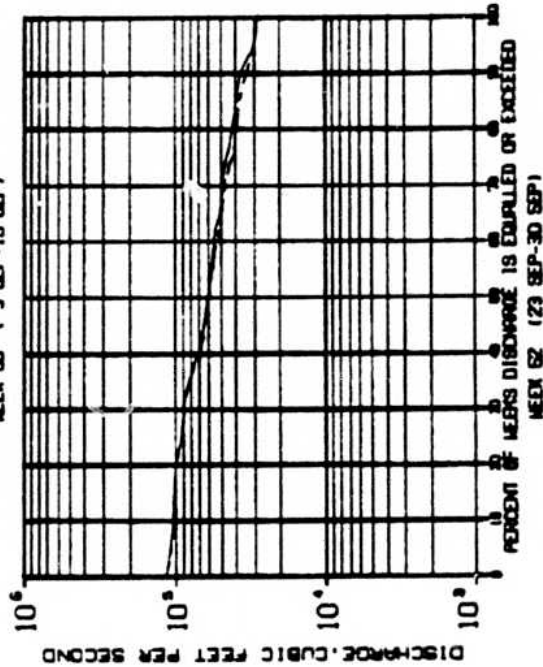
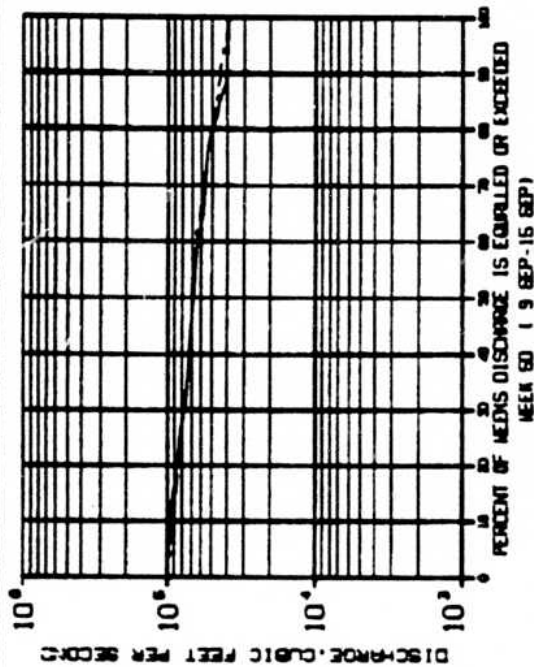
NOTE: CURVES BASED ON SYNTHESIZED FLOW
AND OBSERVED WEEKLY FLOW
OCT 1974 THROUGH SEP 1983
HARZA-EMSCO SUBSTATION JOINT VENTURE, JUNE 84

LEGEND

— NATURAL
--- WITH-PROJECT
--- CASE C MINIMUM TARGET FLOW
FOR LOAD CONDITIONS 1986
(NATURAL ONLY)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT SUSTINA STATION



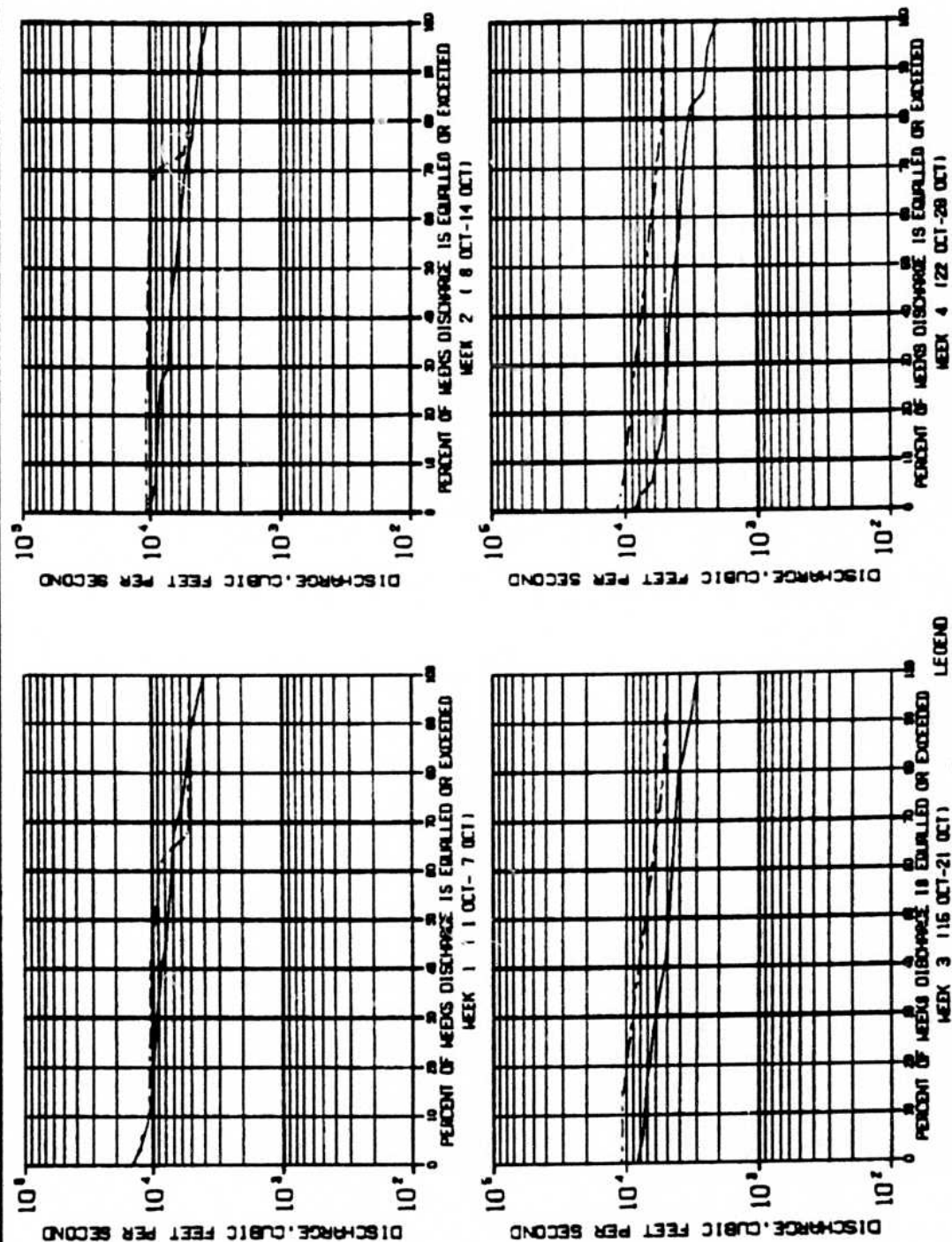


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1849 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1874 THROUGH SEP 1983. HARZA-EGGOLD AUGUSTINE JOINT VENTURE, JUNE 84.

LEGEND

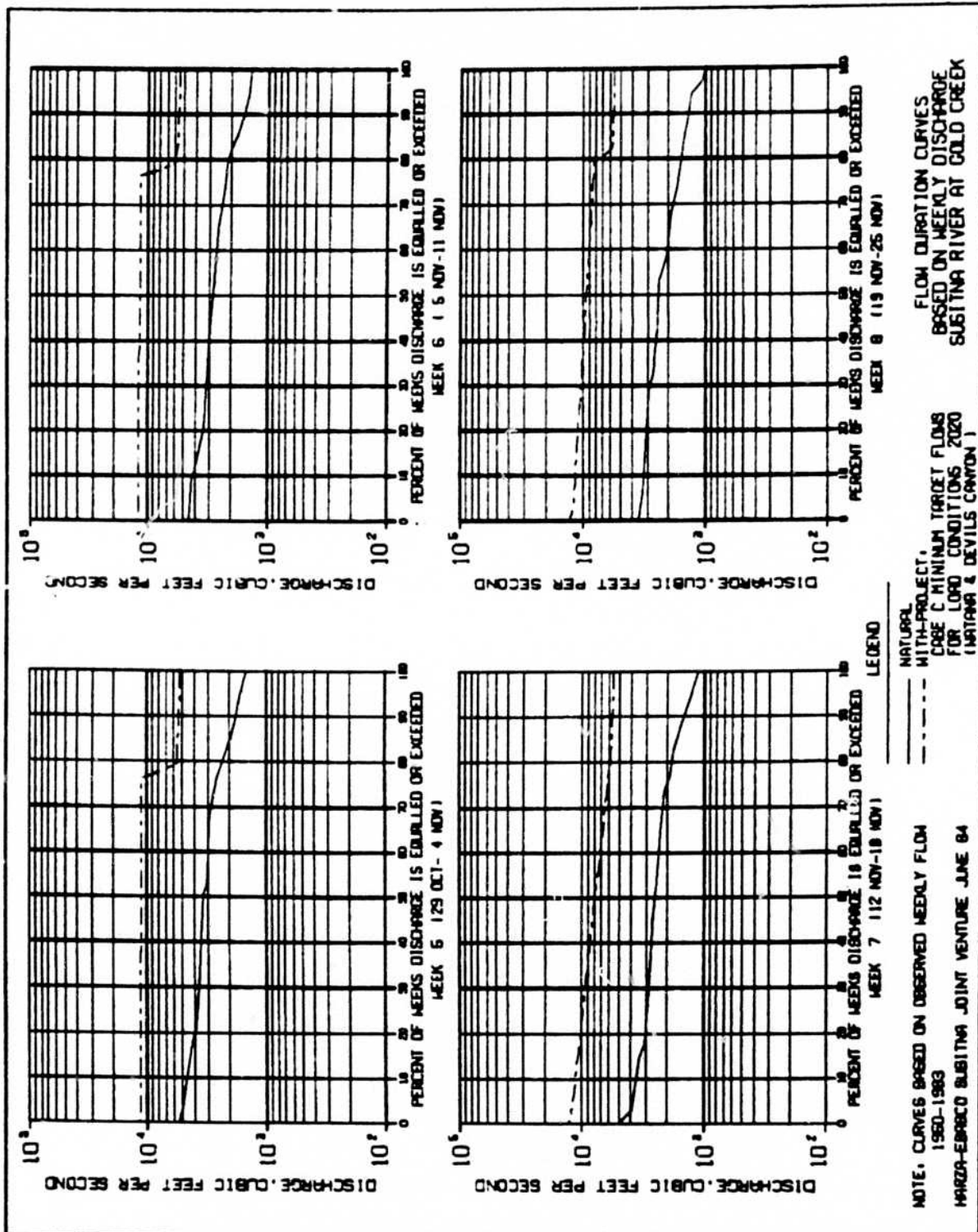
- NATURAL
- WITH-PROJECT
- CASE C MINIMUM TARGET FLOWS FOR LOAD CONDITIONS 1986 (NATURAL ONLY)

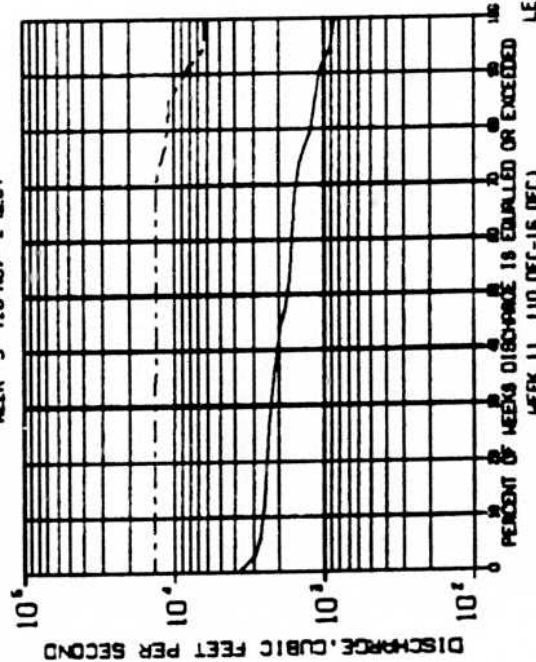
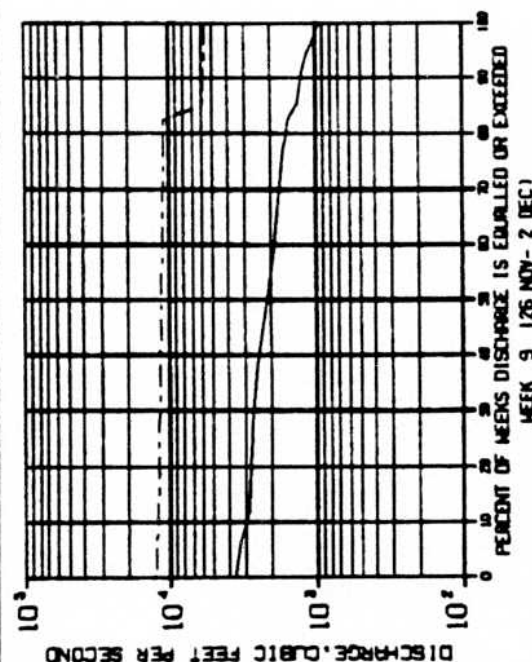
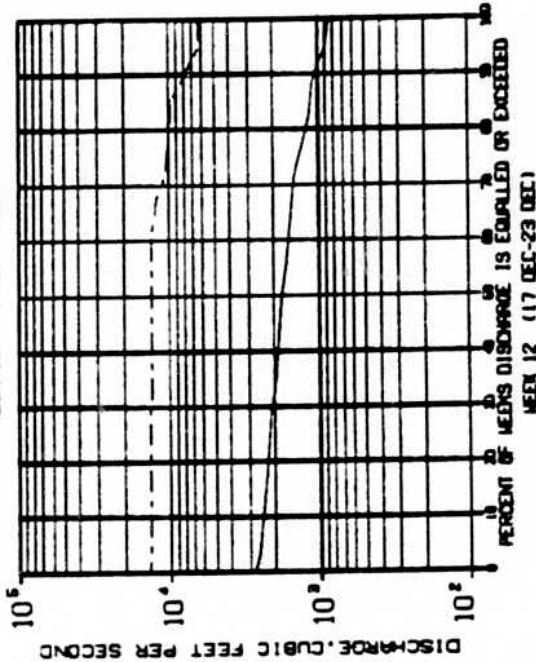
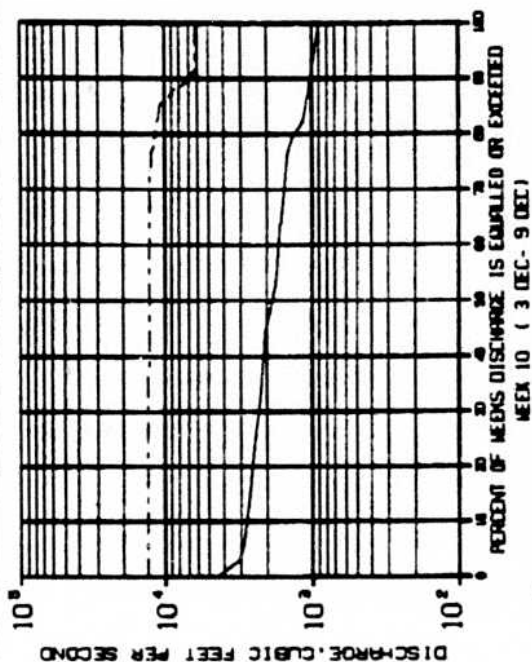
FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE AUGUSTINE RIVER AT AUGUSTINE STATION



NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1960-1983
HARZA-EDRSCO SUBITWA JOINT VENTURE JUNE 84

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT COLD CREEK

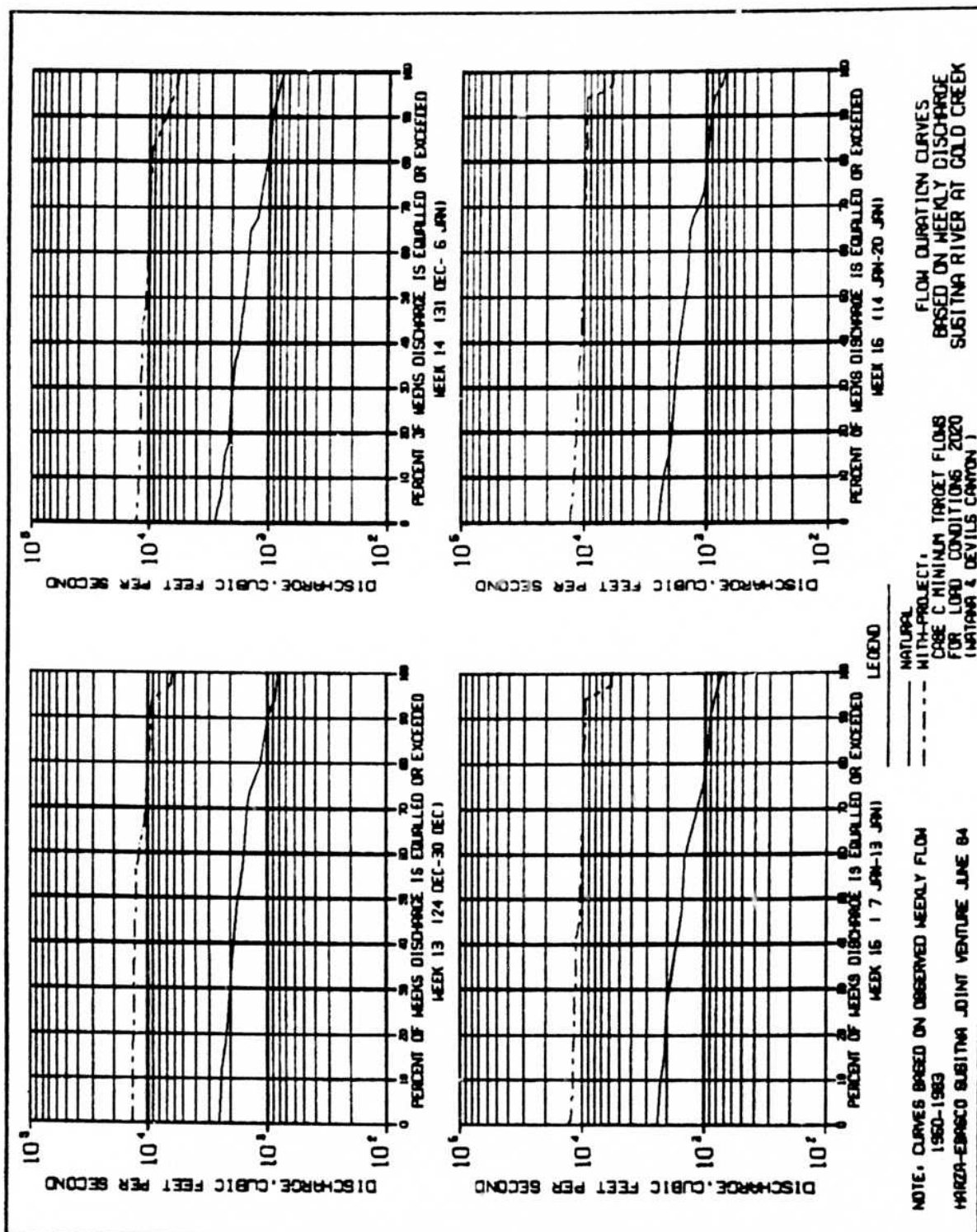


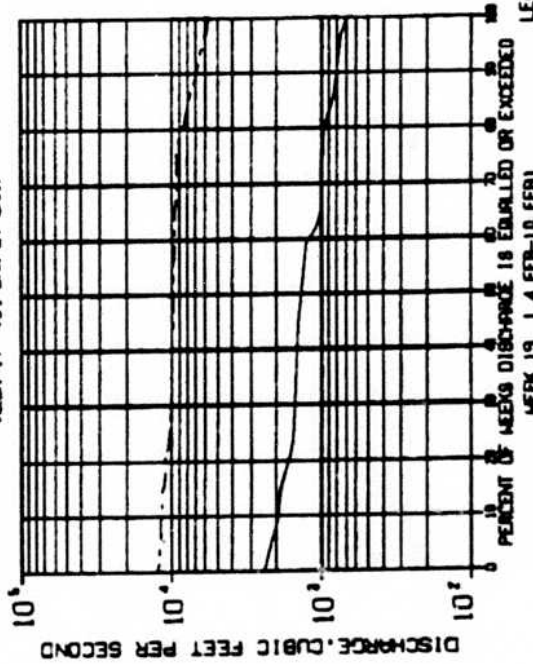
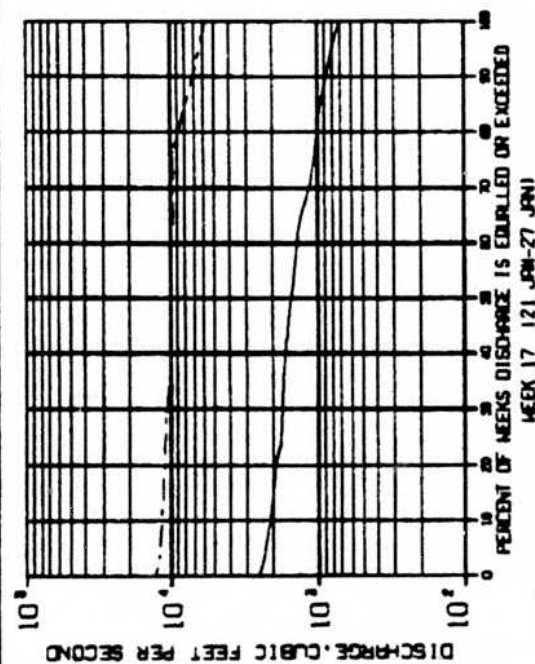
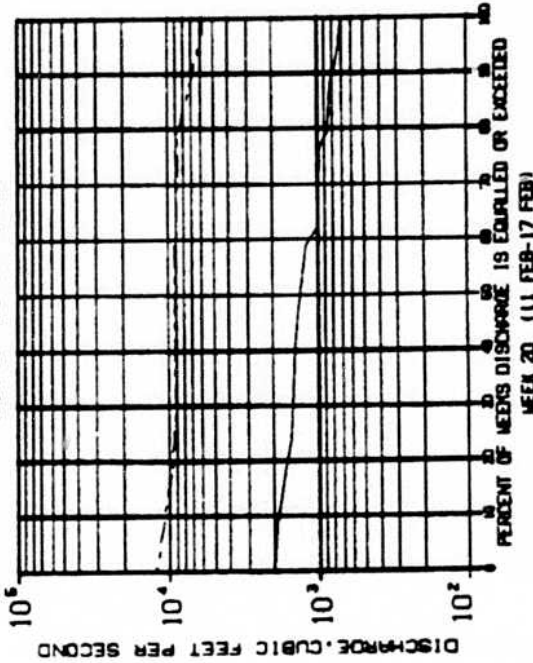
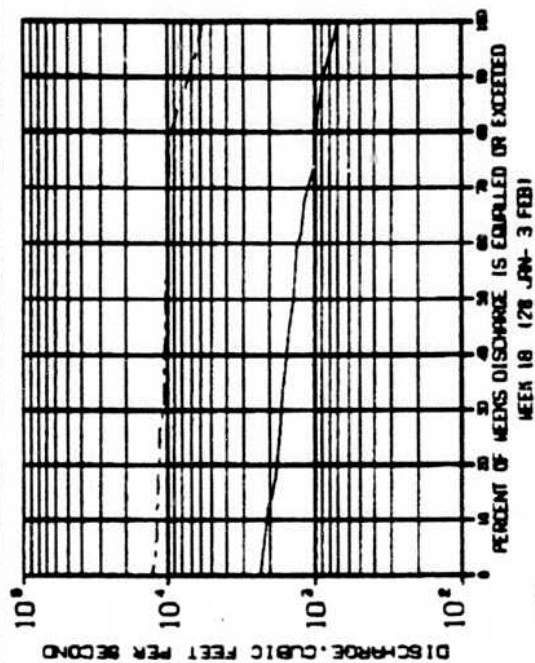


FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT COLD CREEK

NATURAL
WITH-PROJECT,
CORE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1993
HARZA-EMSCO SUSITNA JOINT VENTURE JUNE 84



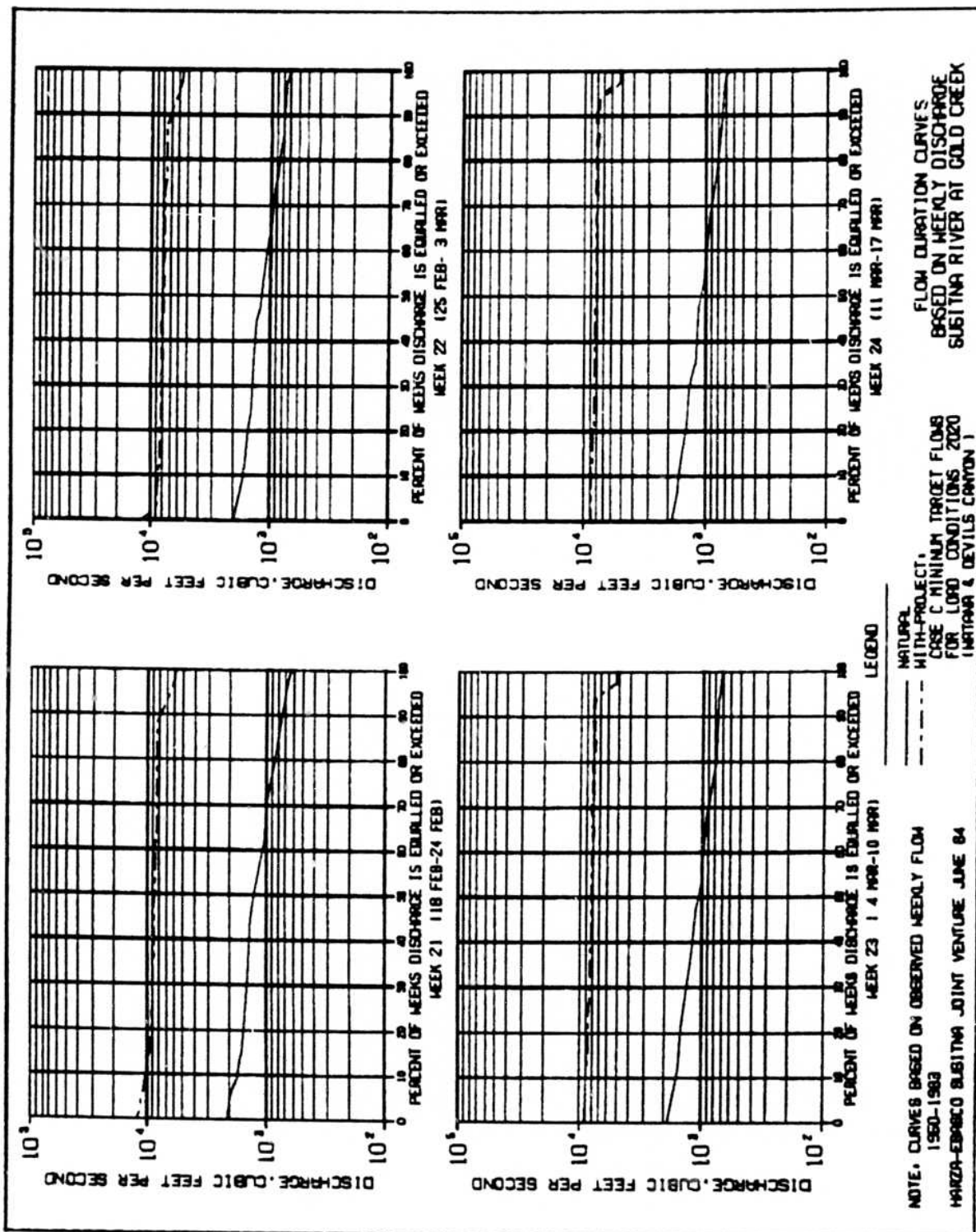


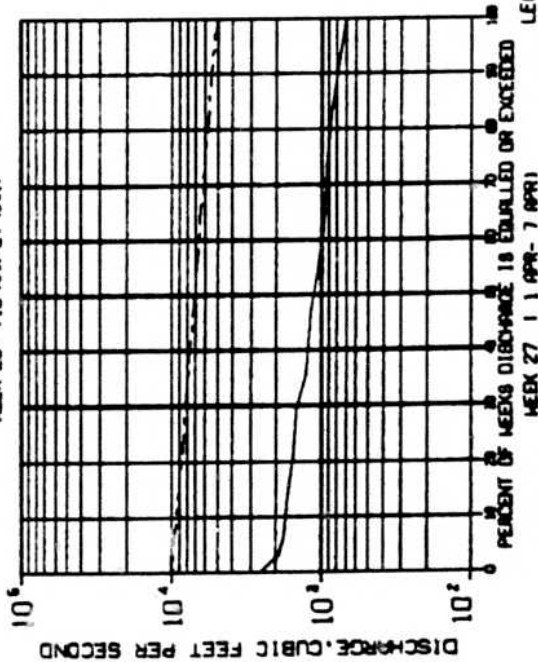
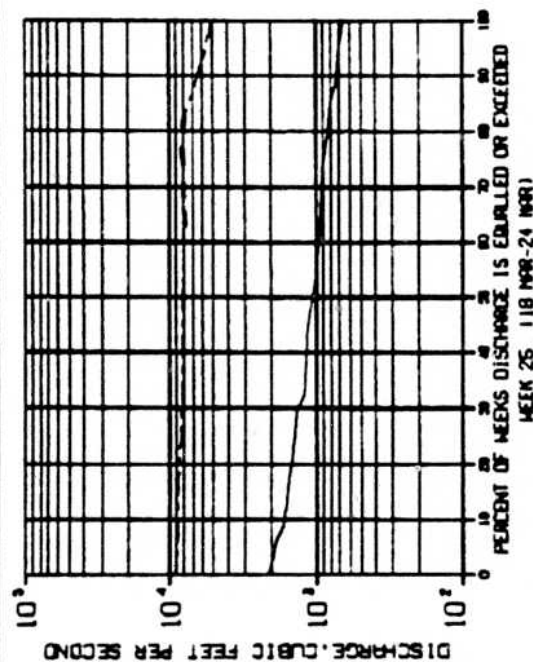
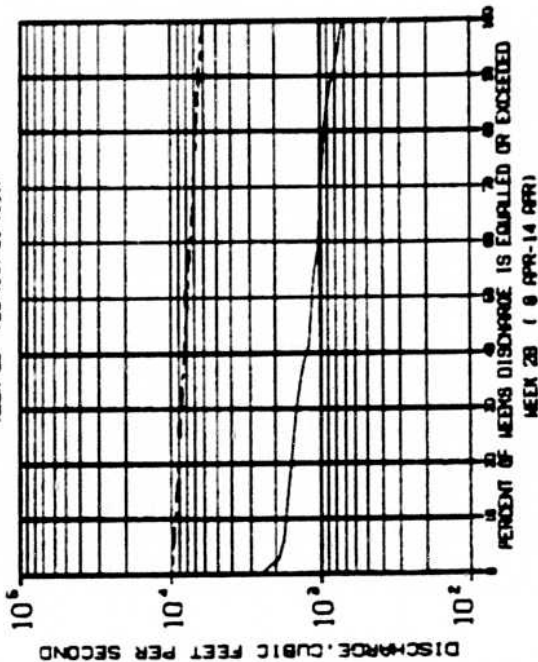
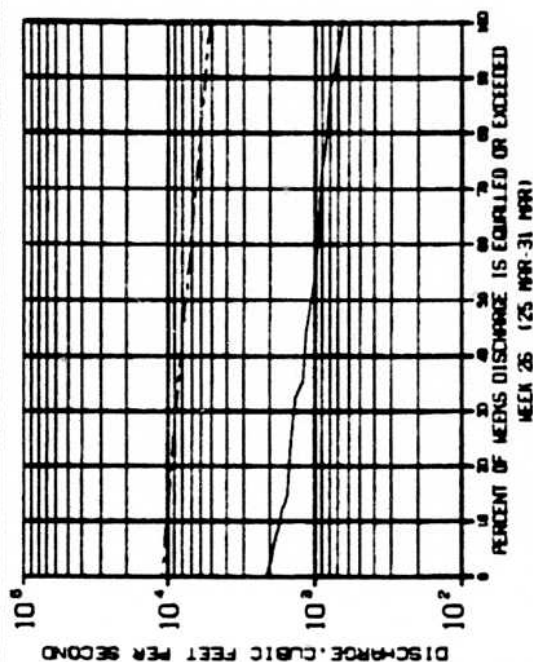
LEGEND

NATURAL
WITH-PROJECT
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT COLD CREEK

NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1983
HARZA-EDRACO SUSITNA JOINT VENTURE JUNE 84

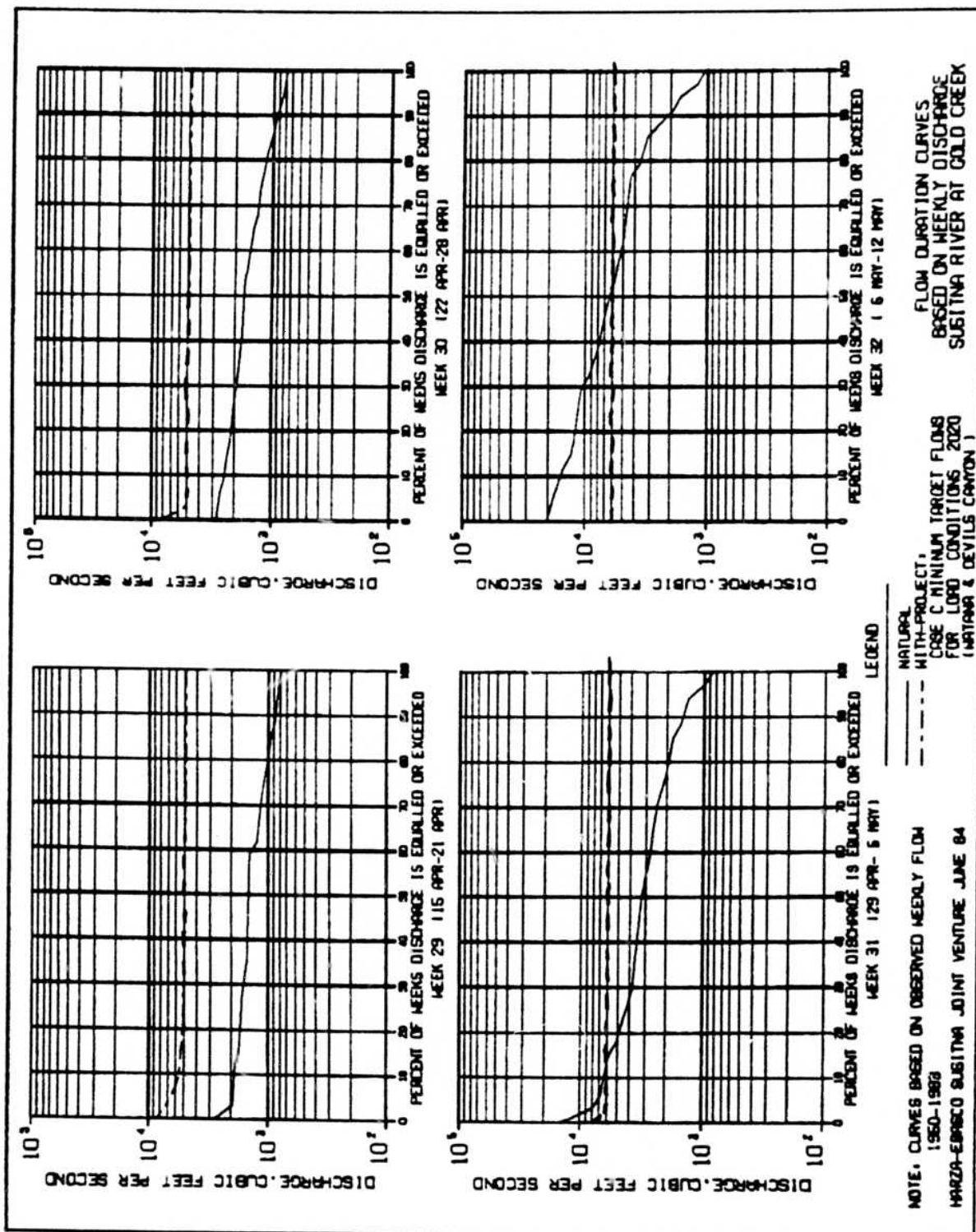


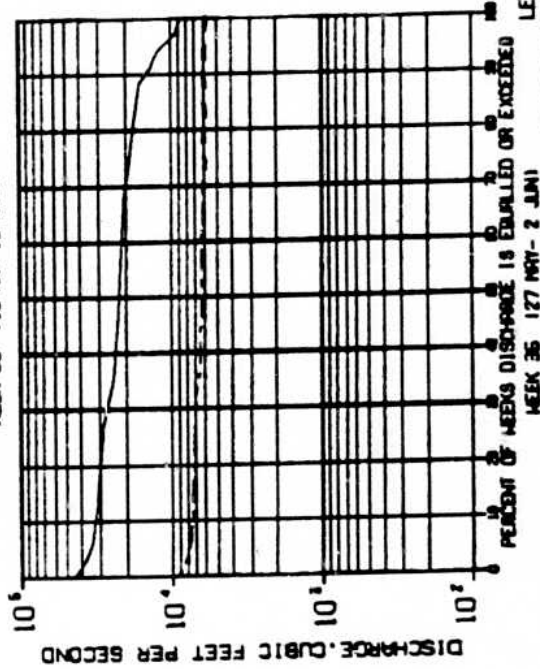
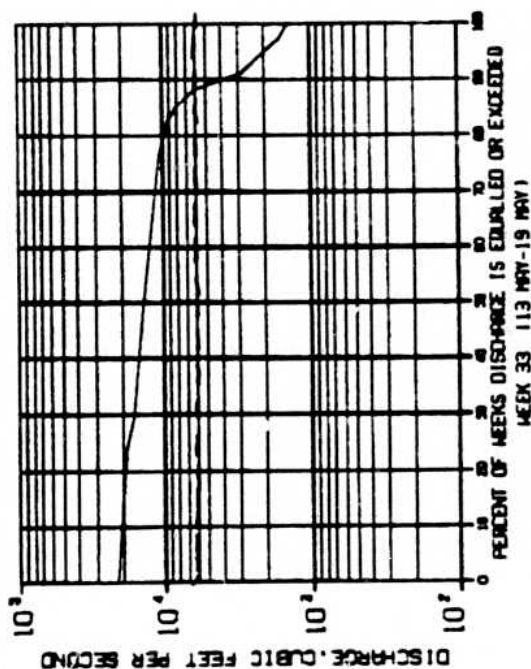
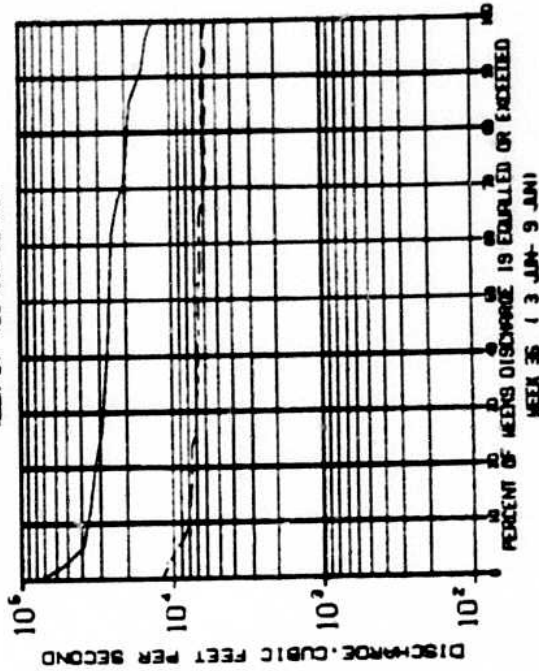
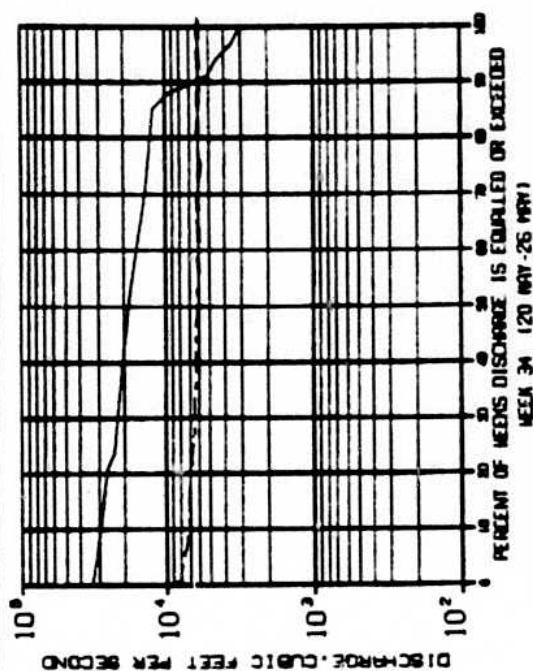


FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT COLD CREEK

LEGEND
--- NATURAL
--- WITH-PROJECT
--- CREEK MINIMUM TARGET FLOW
FOR LOGO CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1960-1983
MARZA-EDBROCO SUSITNA JOINT VENTURE JUNE 84





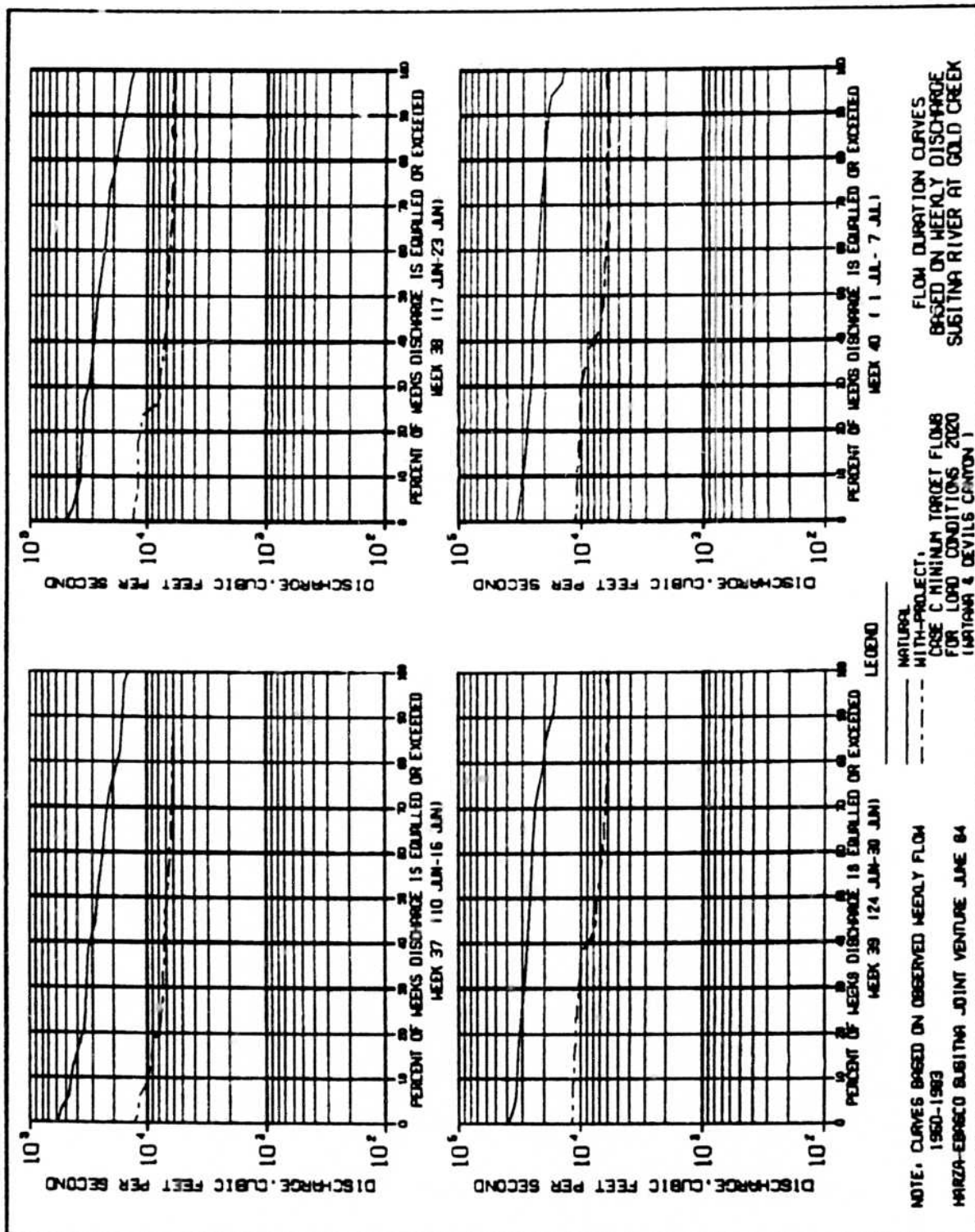
FLOW DURATION CURVES
BASED ON MEANLY DISCHARGE
SUGITNA RIVER AT GOLD CREEK

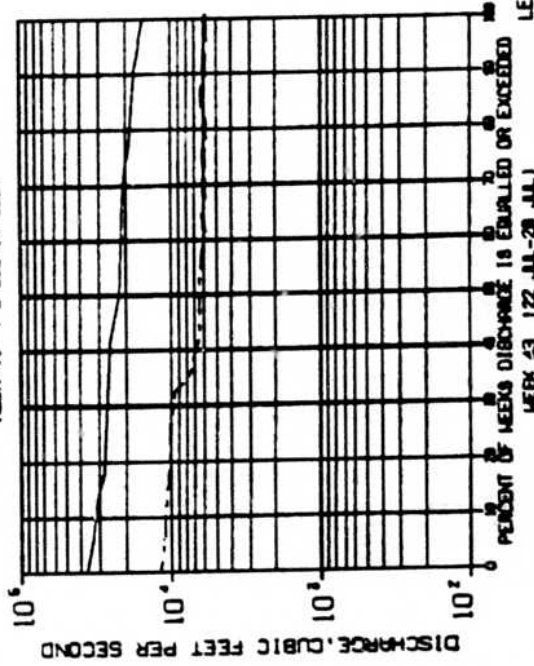
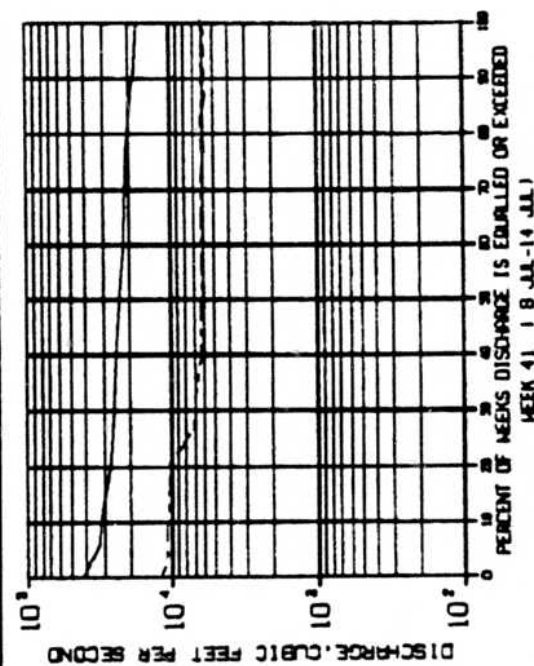
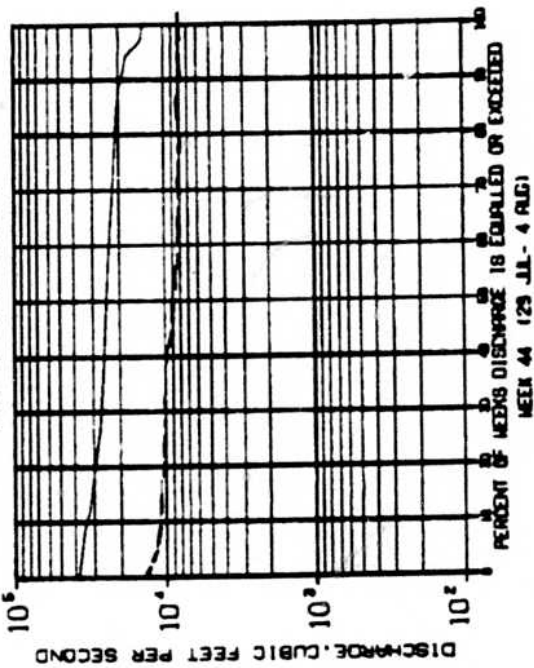
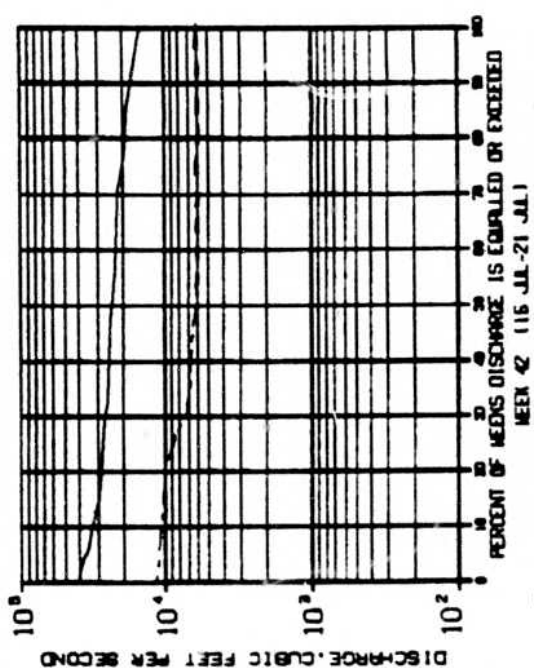
LEGEND
NATURAL
WITH PAVEMENT
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

NOTE: CURVES BASED ON OBSERVED LEAKAGE

DATE: 1-1-1989

HARZA-EDRSC SUGITNA JOINT VENTURE JUNE 84

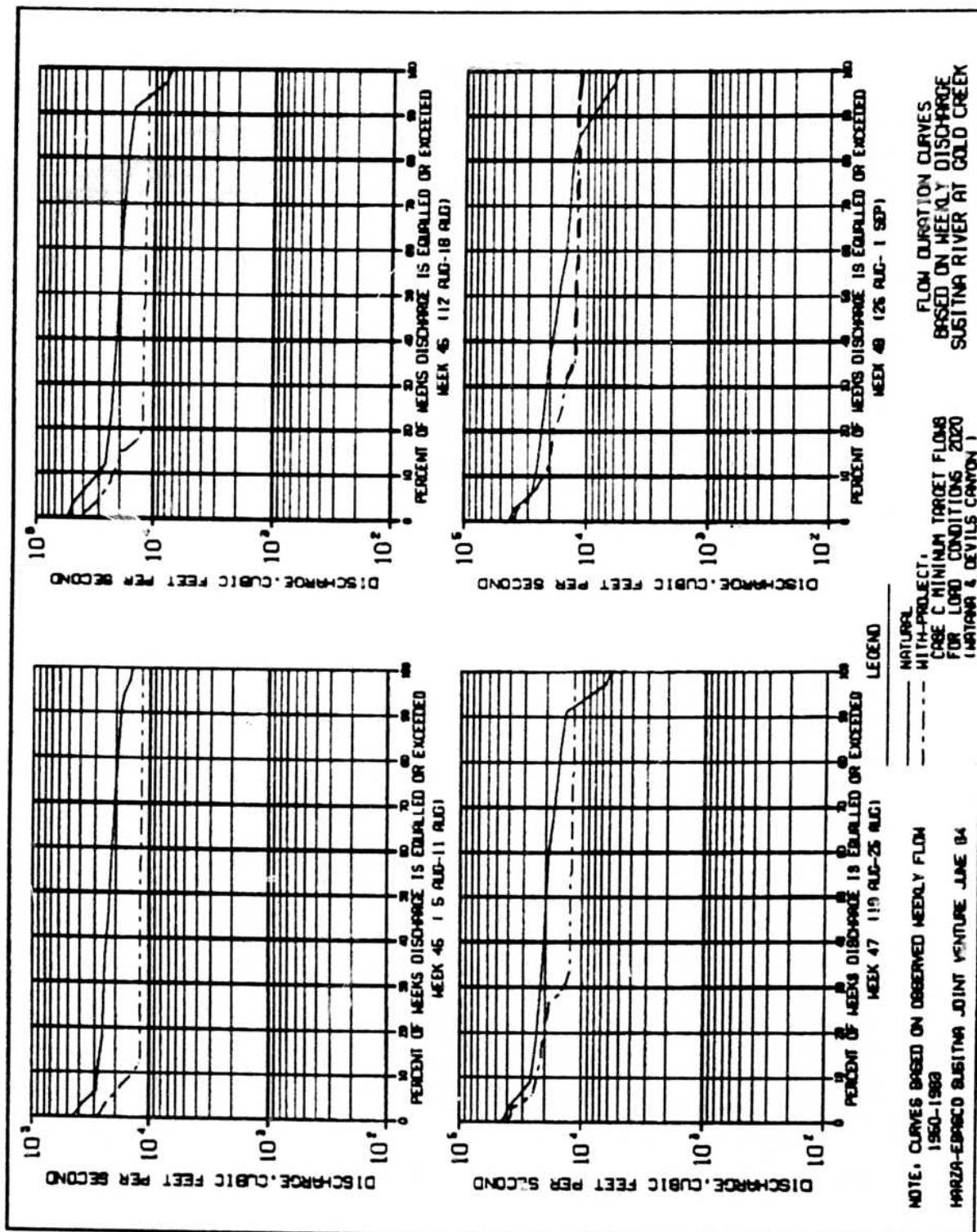


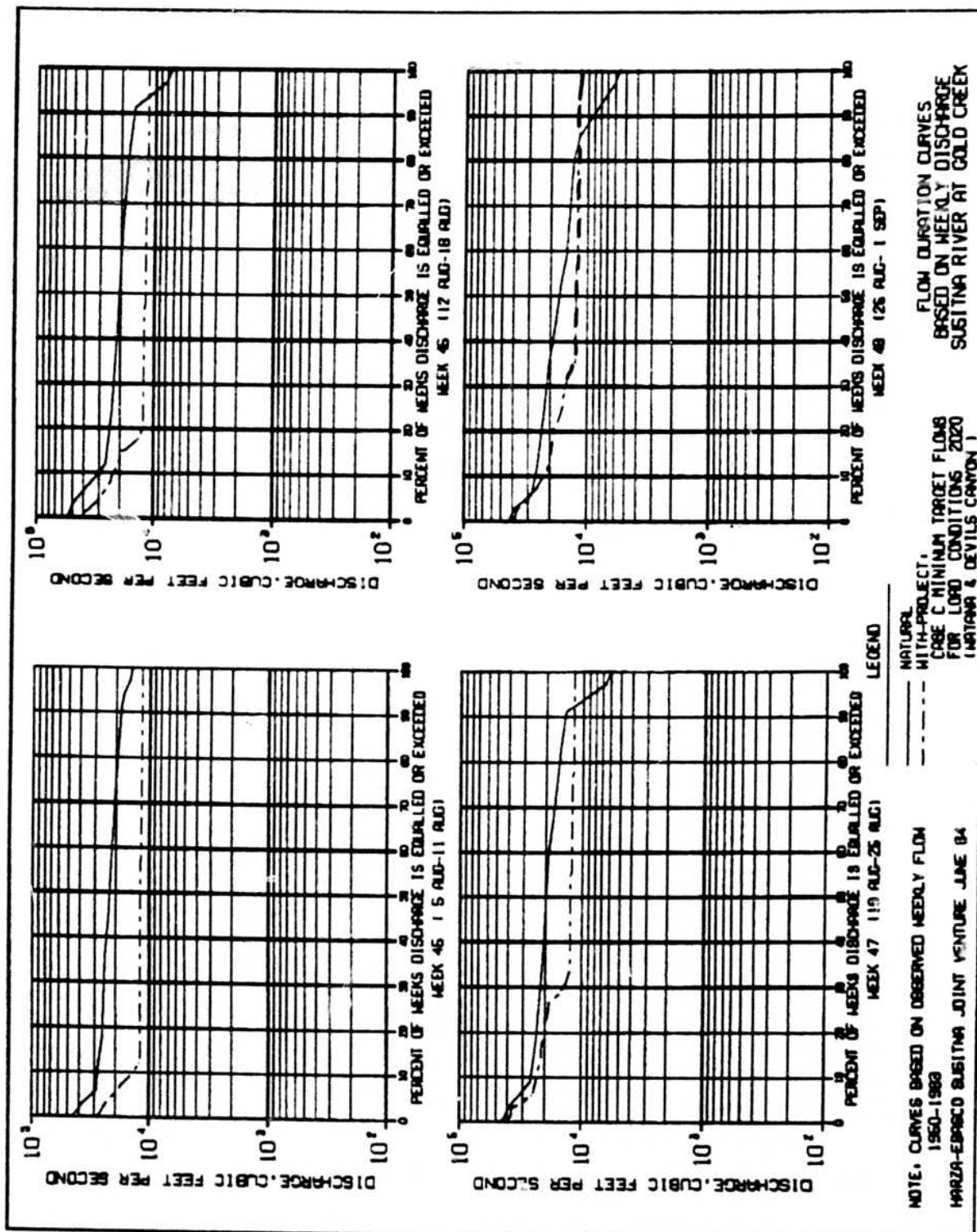


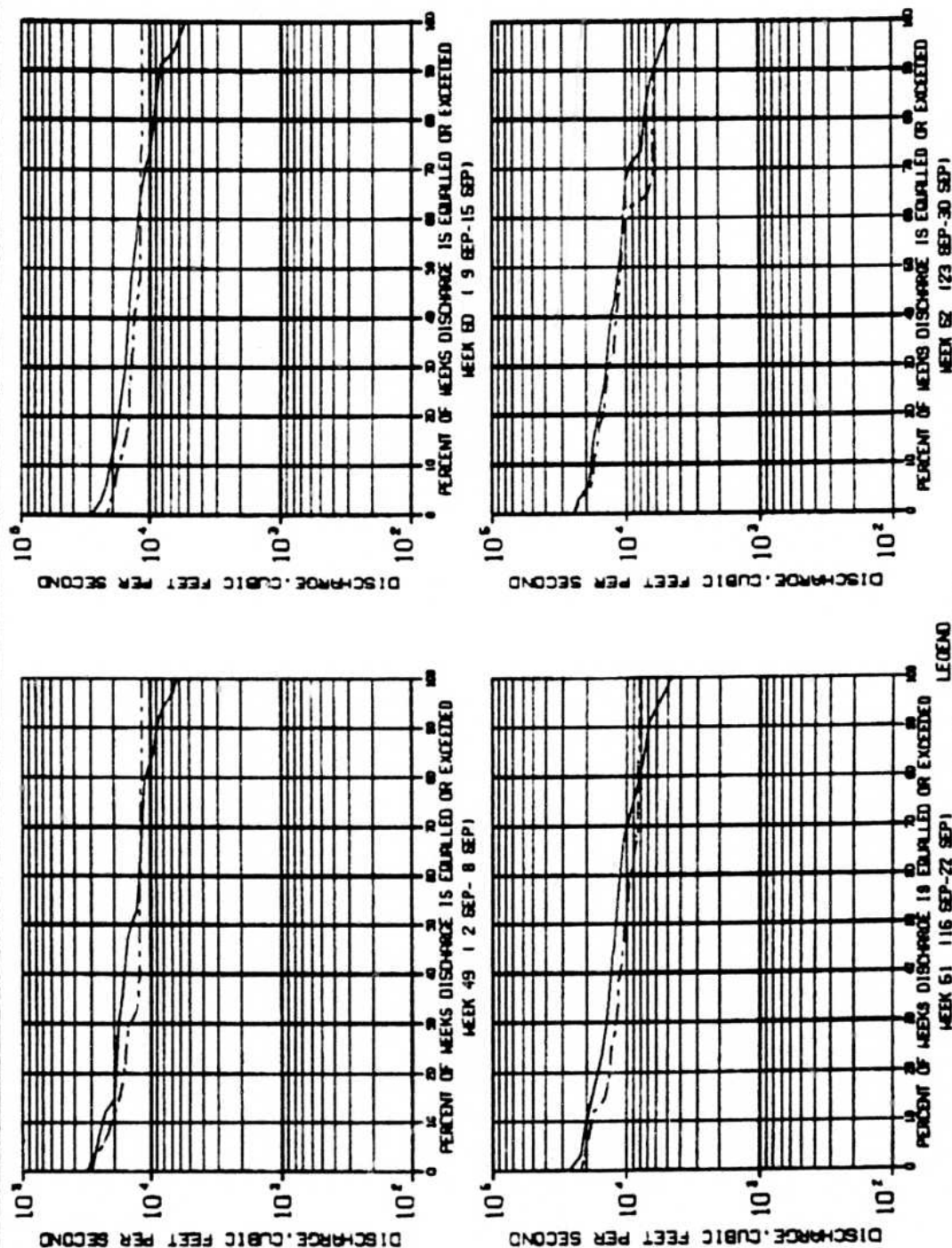
NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1983
HARZA-EDWARDS SUBITINA JOINT VENTURE JUNE 84

LEGEND
—— NATURAL
---- WITH PROJECT
--- CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUBITINA RIVER AT GOLD CREEK



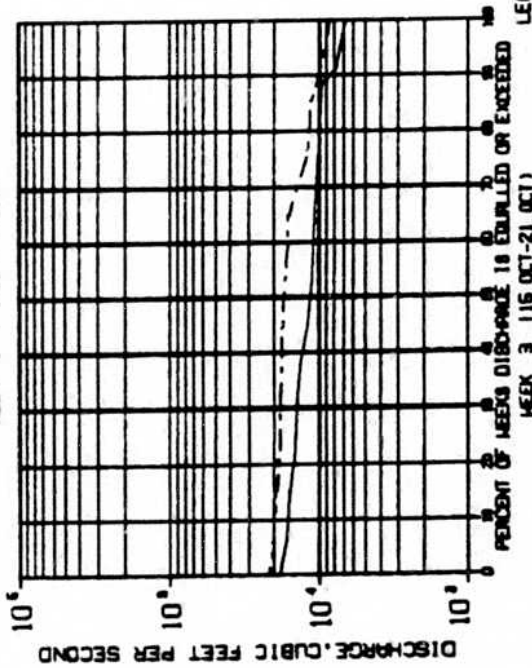
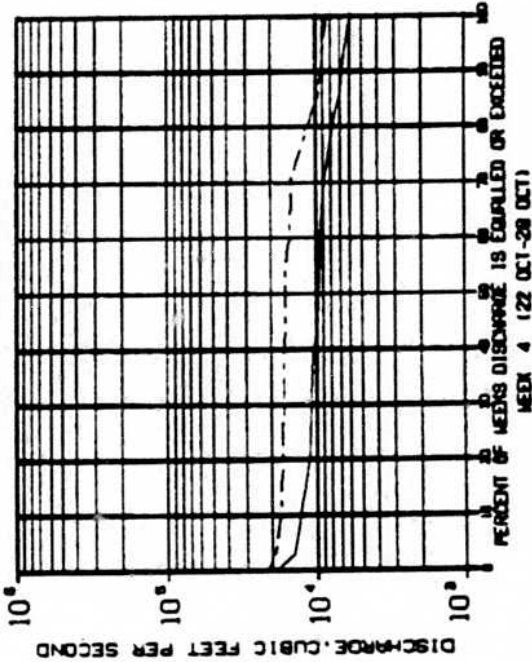
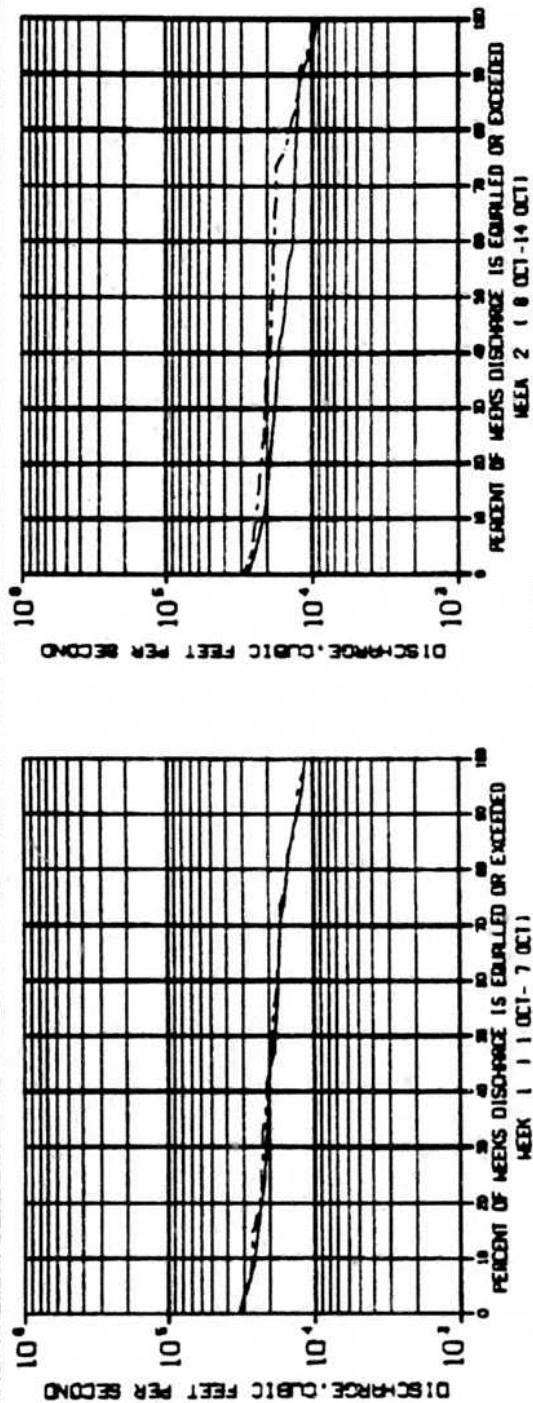




NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1950-1963
MARZA-EBRACO SLUICeway JOINT VENTURE JUNE 84

LEGEND
—— NATURAL
---- WITH-PROJECT

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTAINA RIVER AT GOLD CREEK

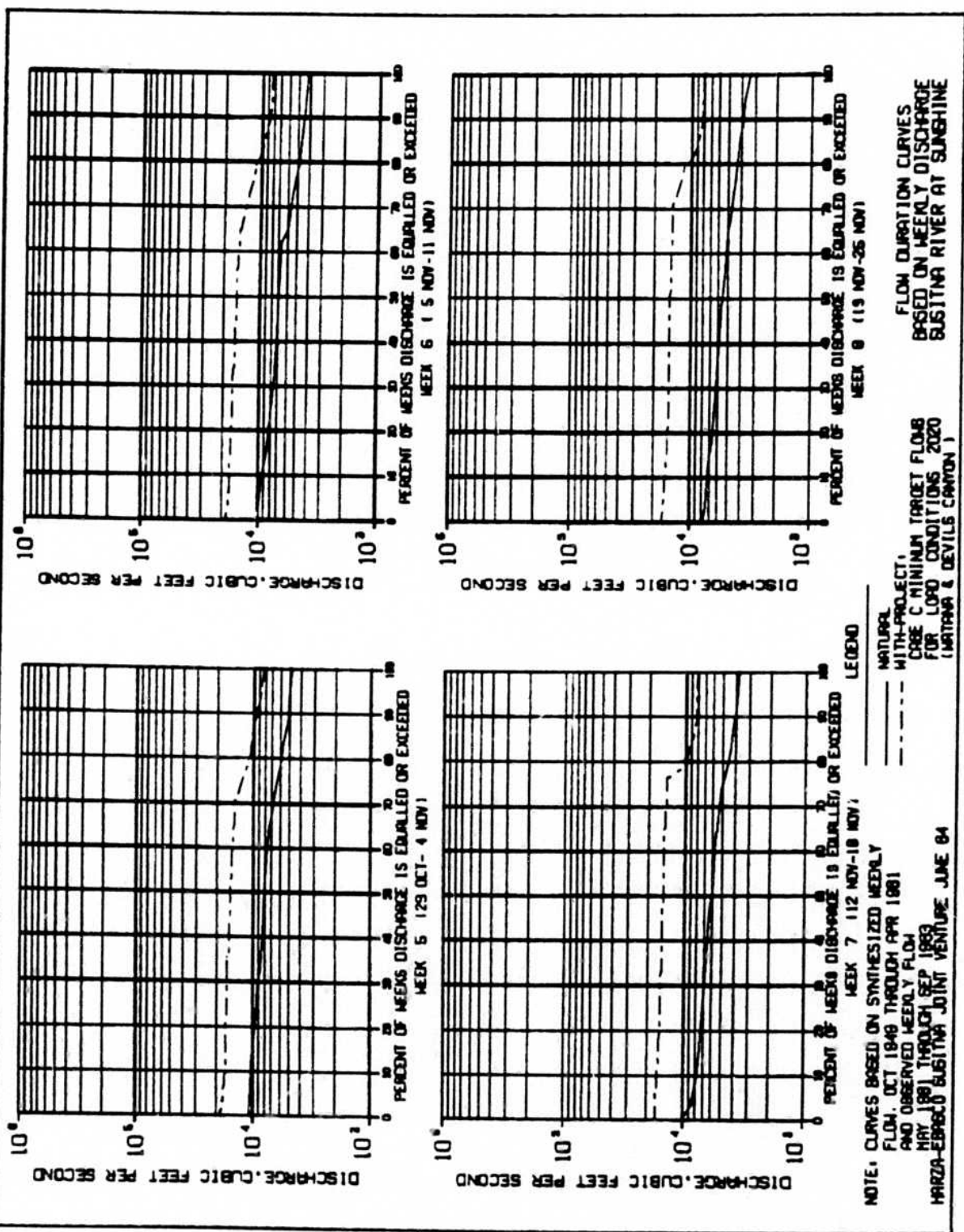


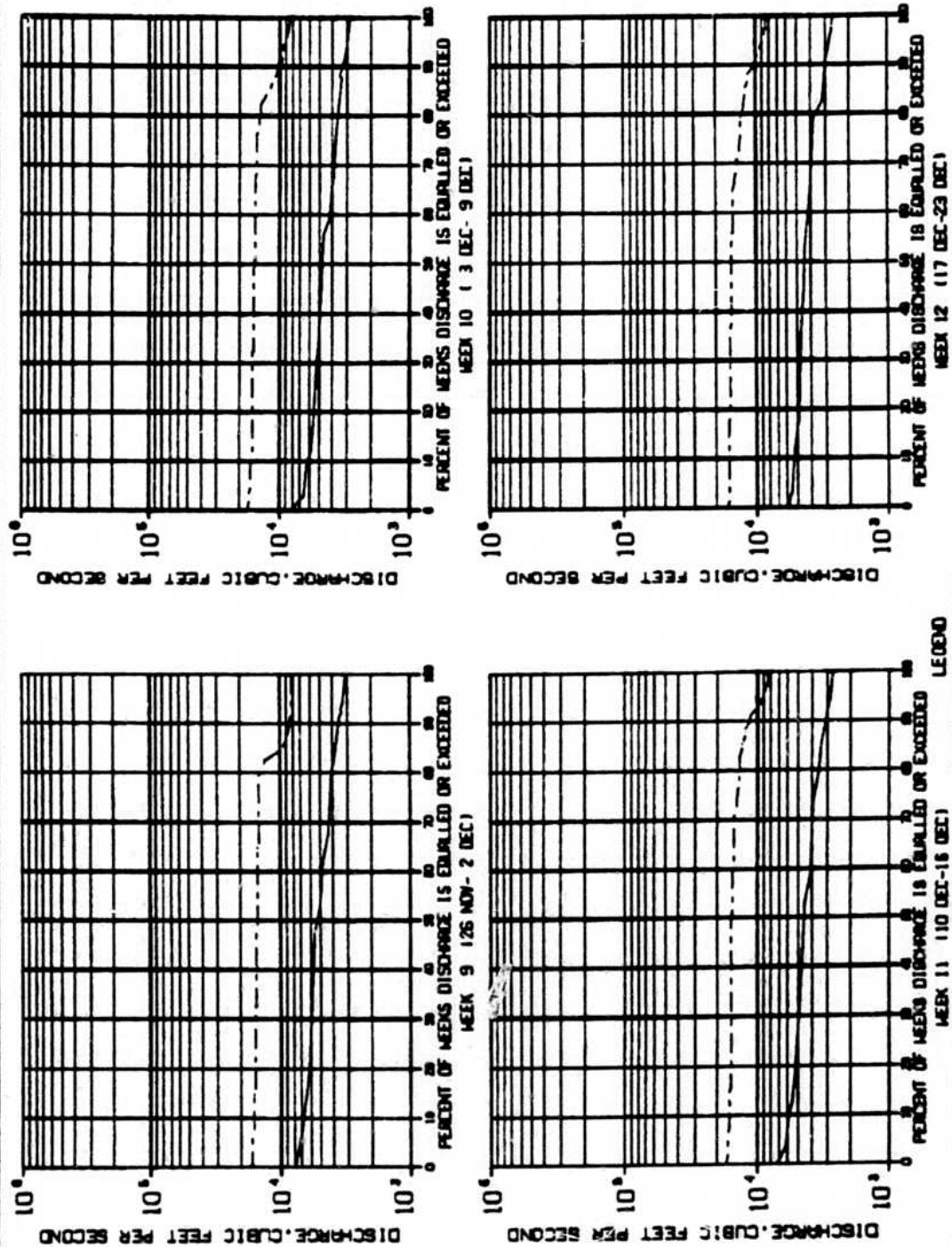
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 HARZA-EBRACD SUSITNA JOINT VENTURE JUNE 84

LEGEND

— NATURAL WITH-PROJECT, CREE C MINIMUM TARGET FLOW FOR 2020 CONDITION (MARTIN & DEVILS CANYON)

— FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSITNA RIVER AT SUNGHINE

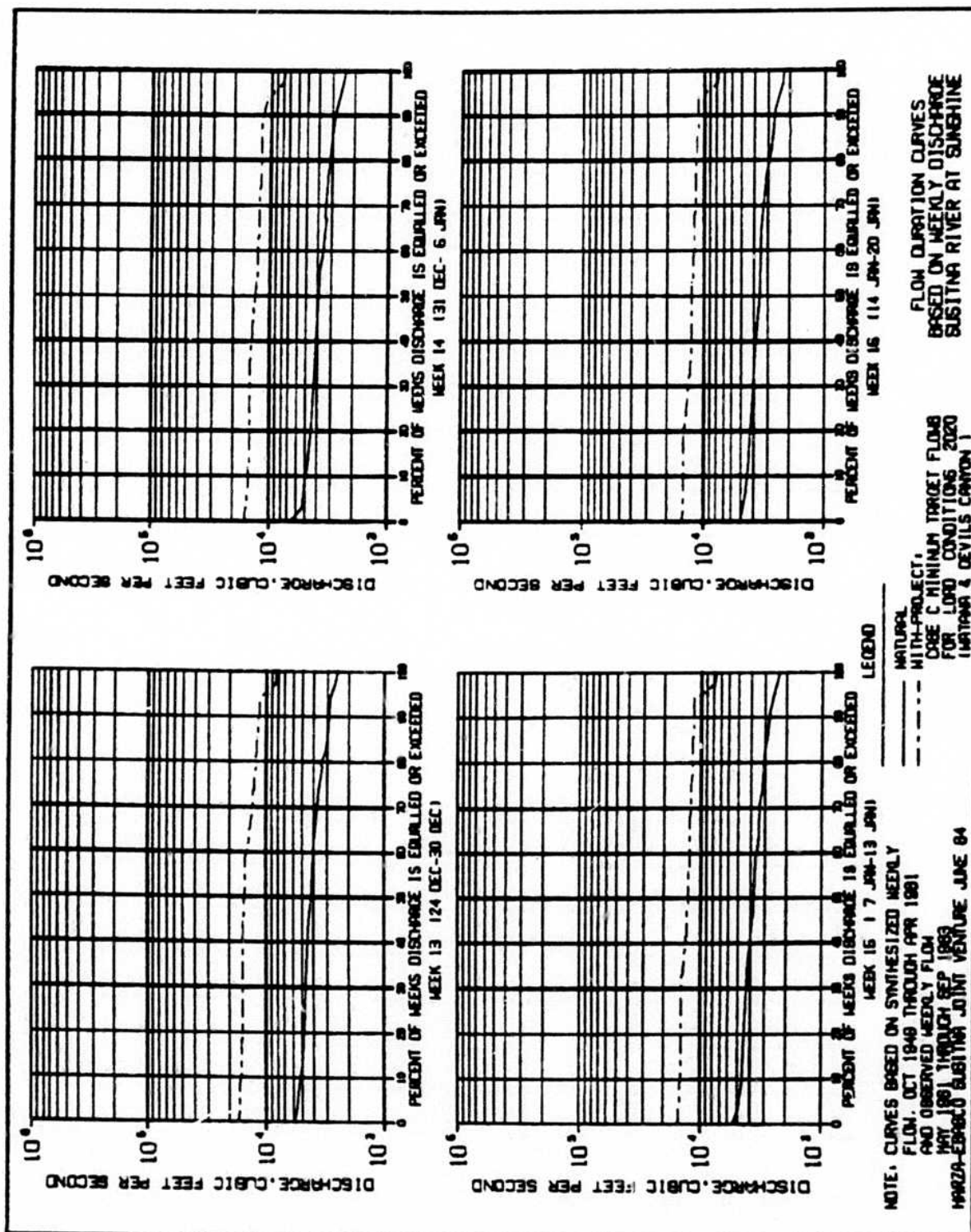


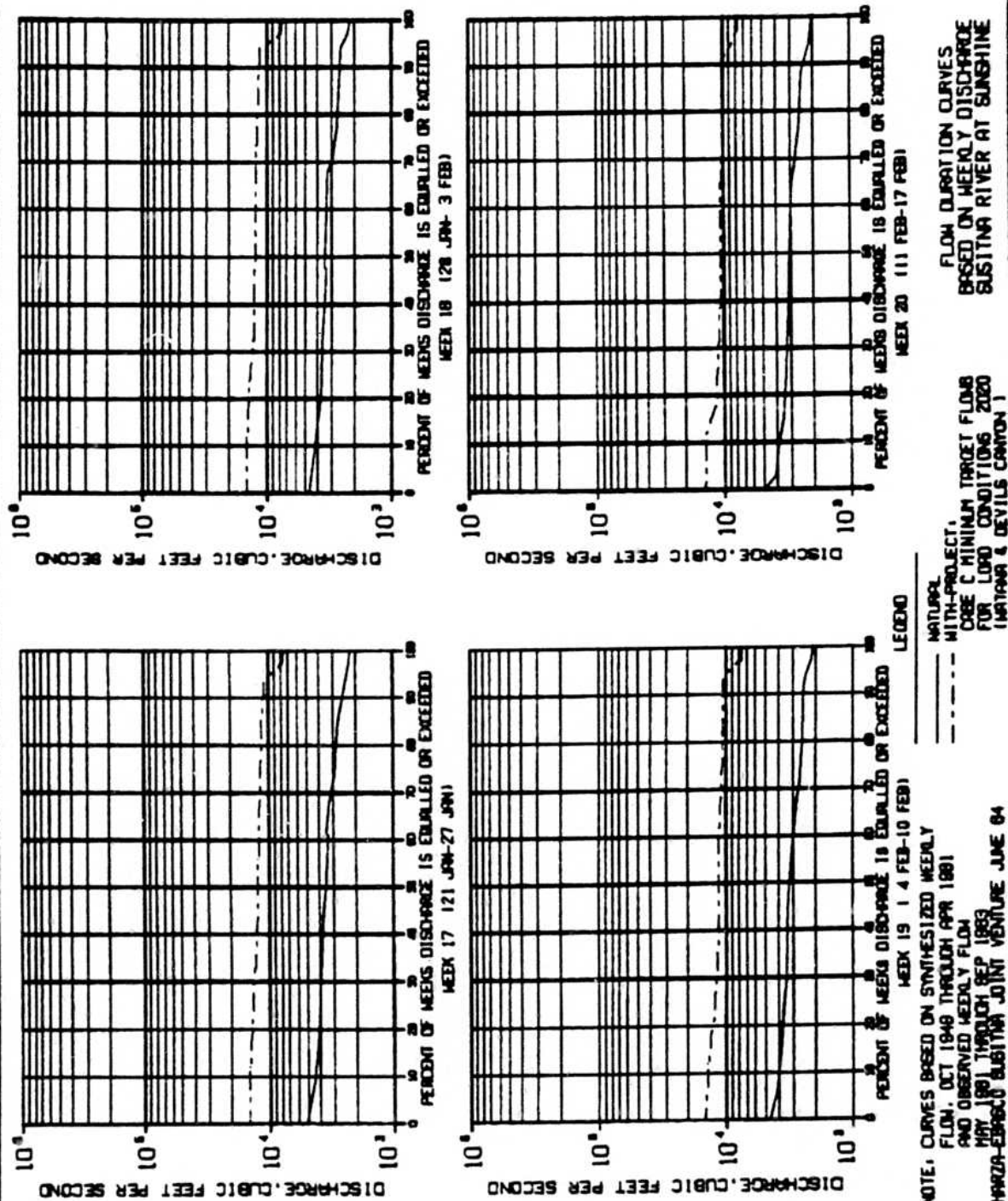


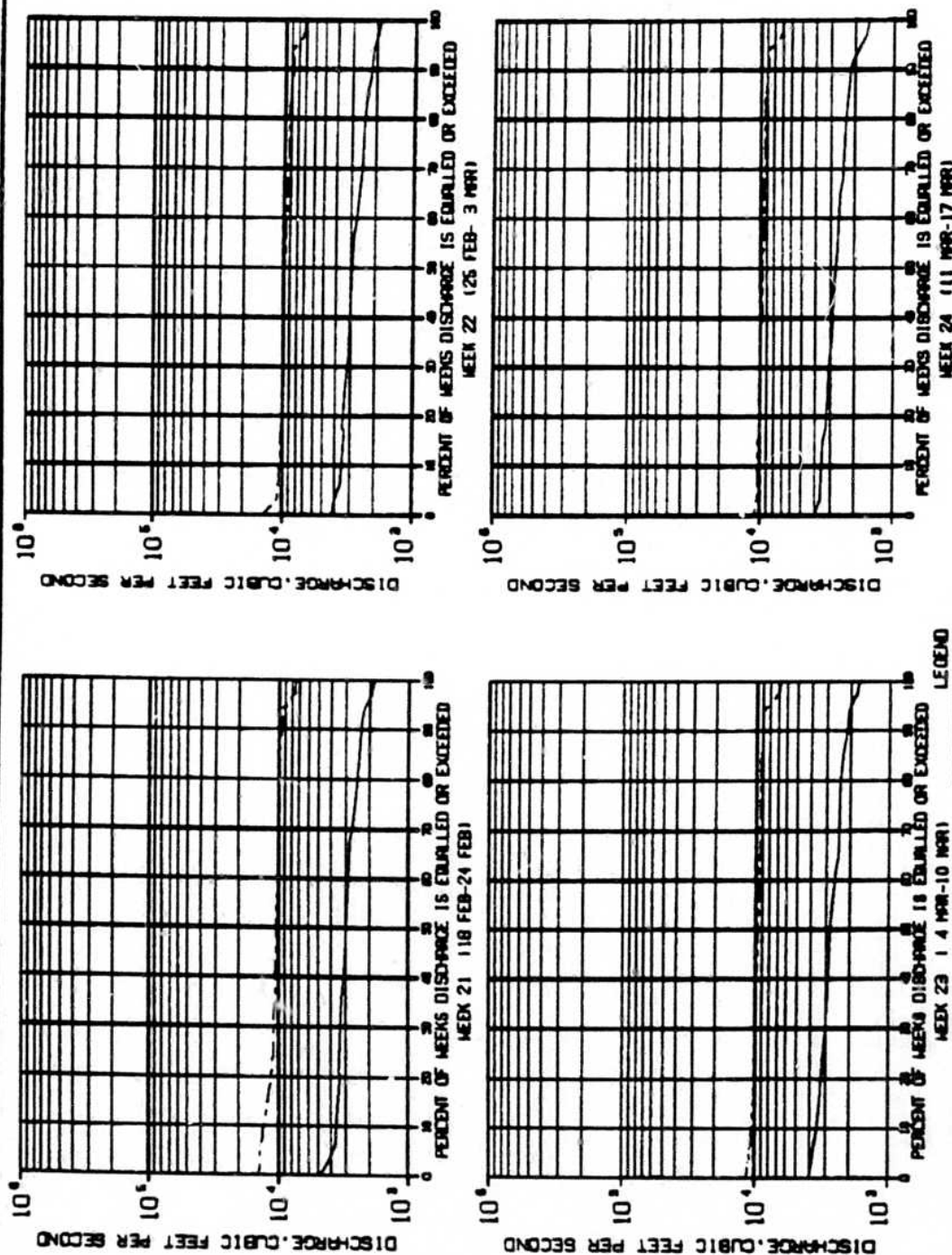
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983

HAZARD-EPACUS SUSITNA JOINT VENTURE JUNE 84

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSITNA RIVER AT SUNSHINE





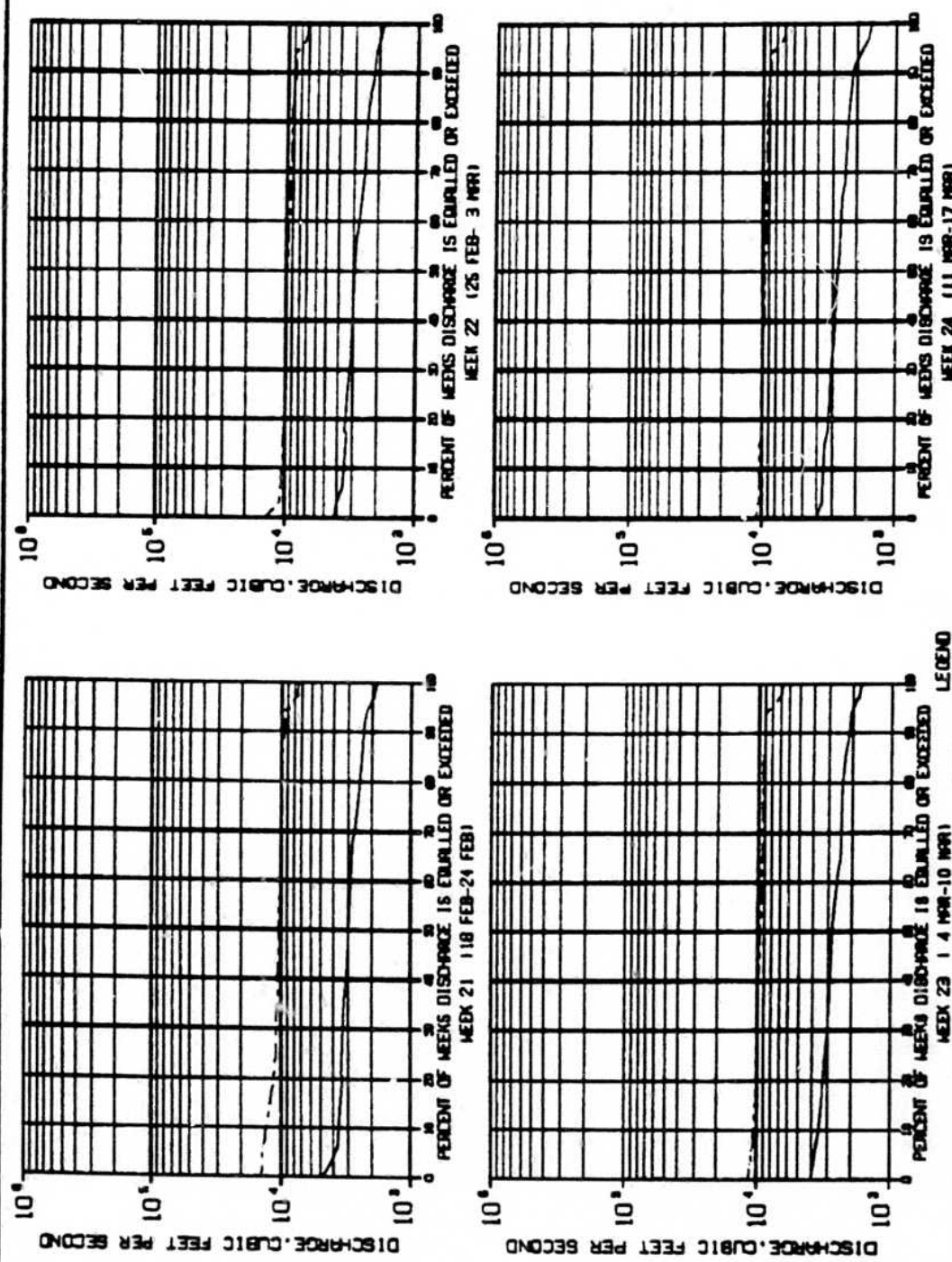


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983

HARZAR-ERASCO SUSTINA JOINT VENTURE JUNE 84

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSTINA RIVER AT SUNSHINE

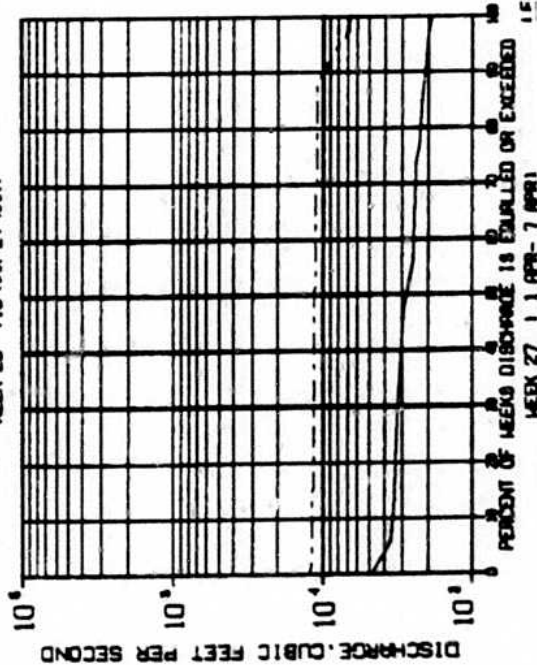
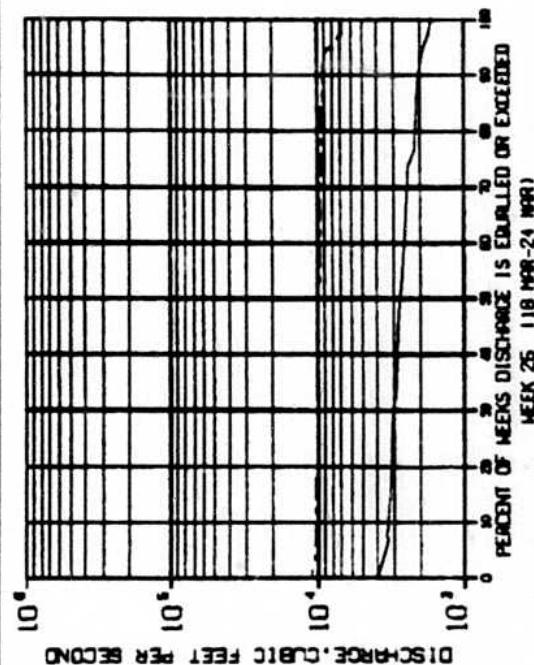
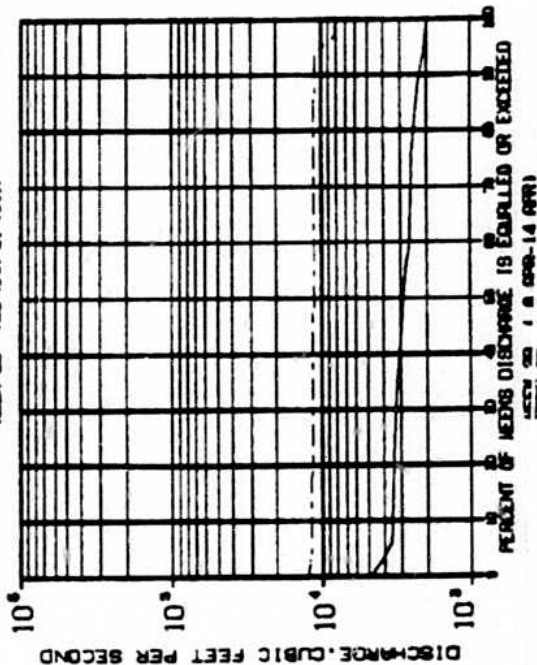
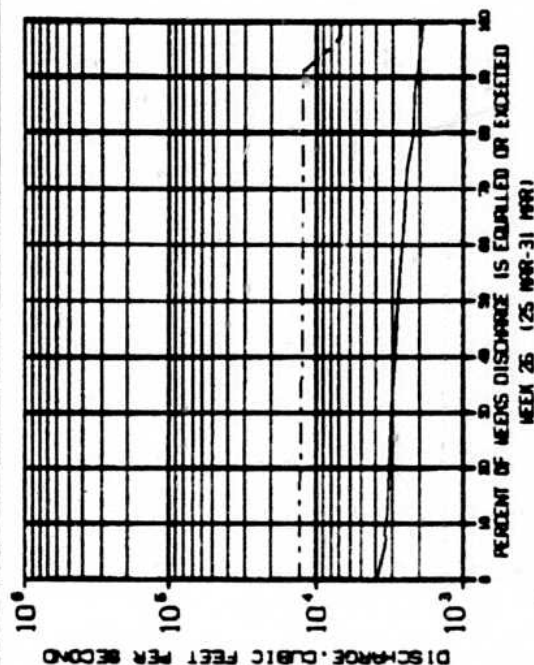
BASE C MINIMUM TARGET FLOWS FOR LOBO CONDITIONS 2020 (HARTMAN & DEVILS CANYON)



NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 MARZO-ERASCO SUSTINA JOINT VENTURE JUNE 84

LEGEND
 — NATURAL
 - - - WITH-PROJECT
 CASE C MINIMUM TARGET FLOWS FOR LOBO CONDITIONS 2020 (MARTIN & DEVILS CANYON)

FLOW DURATION CURVES
 BASED ON WEEKLY DISCHARGE
 SUSTINA RIVER AT SUNGHINE



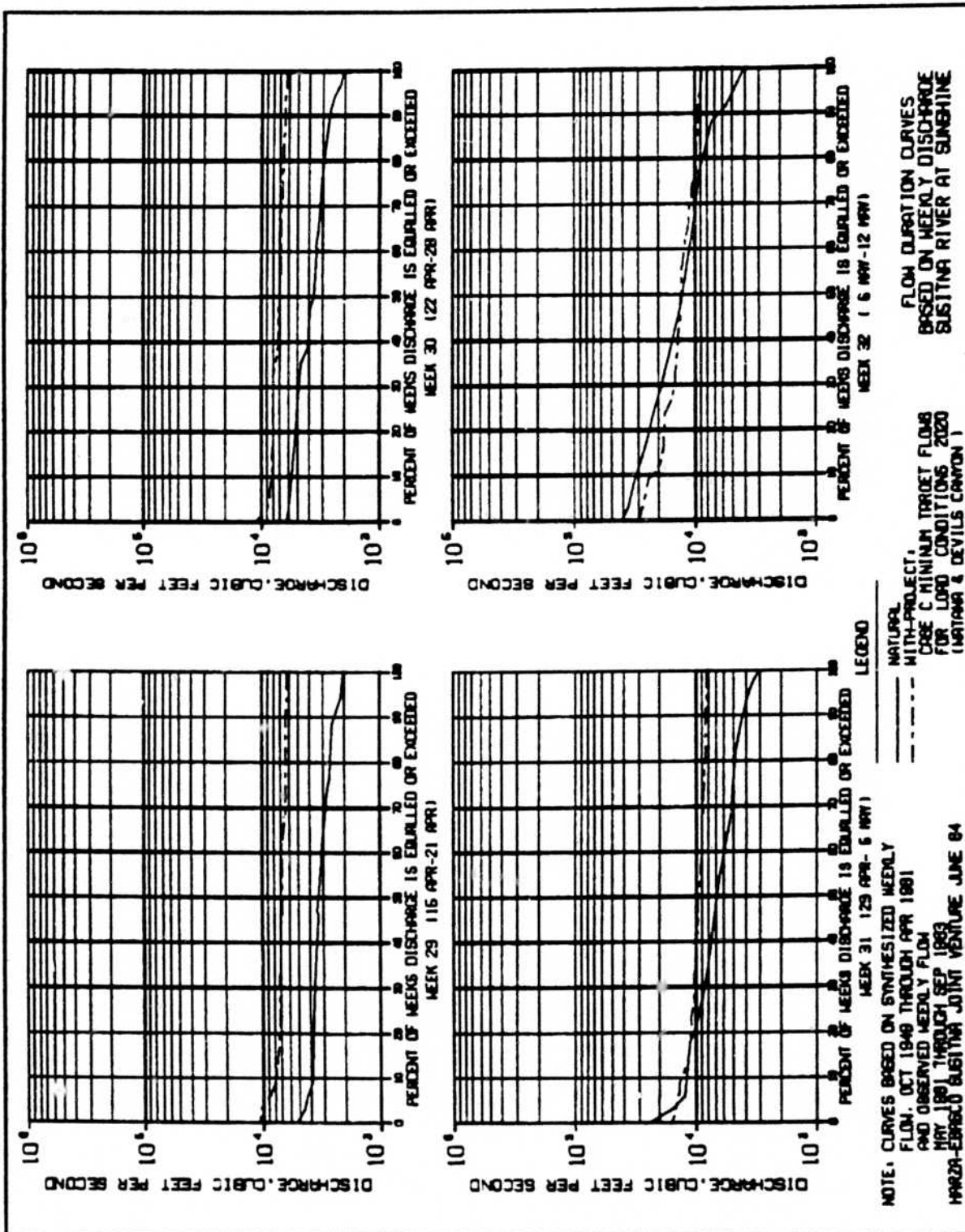
NOTE: CURVES SHOWN ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 MARZA-EDWARD GUSTING JOINT VENTURE JUNE 84

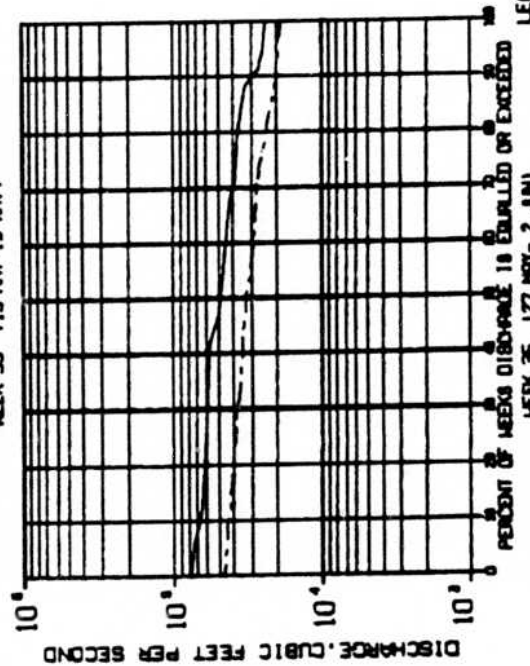
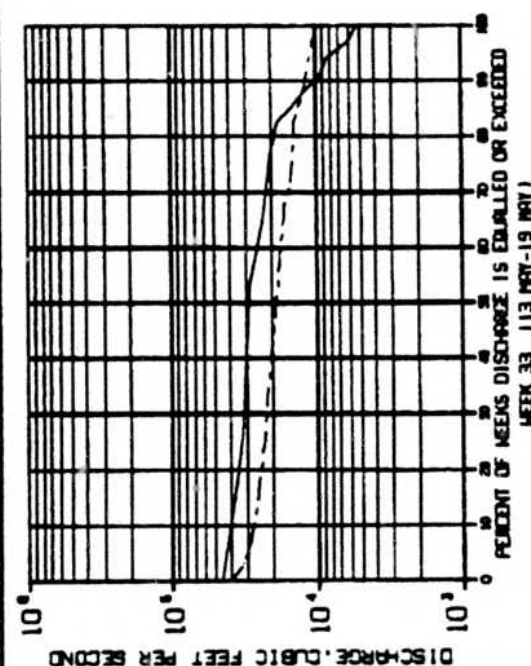
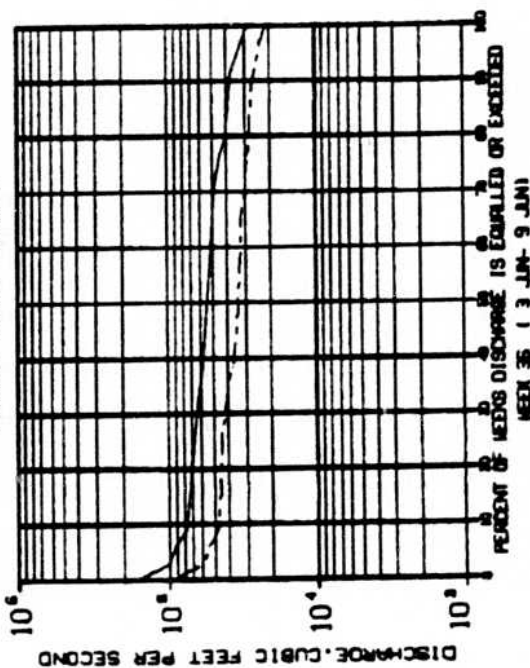
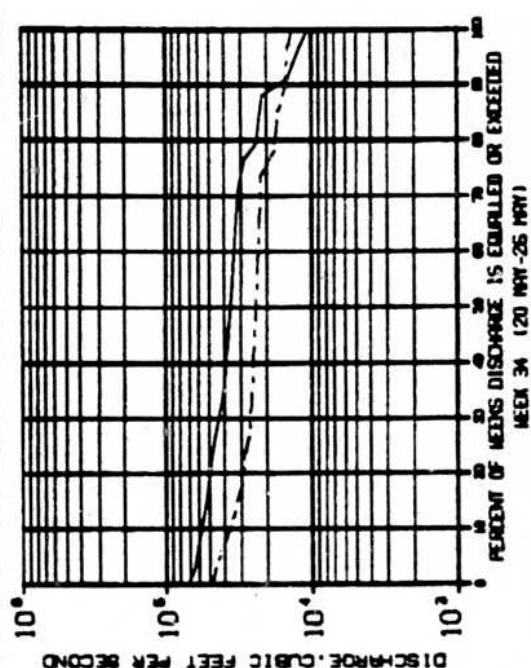
LEGEND

— NATURAL FLOW

- - - WITH-PROJECT, CASE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 2020 (MARTINE & DEVILS CANYON)

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE GUSTING RIVER AT SUNSHINE



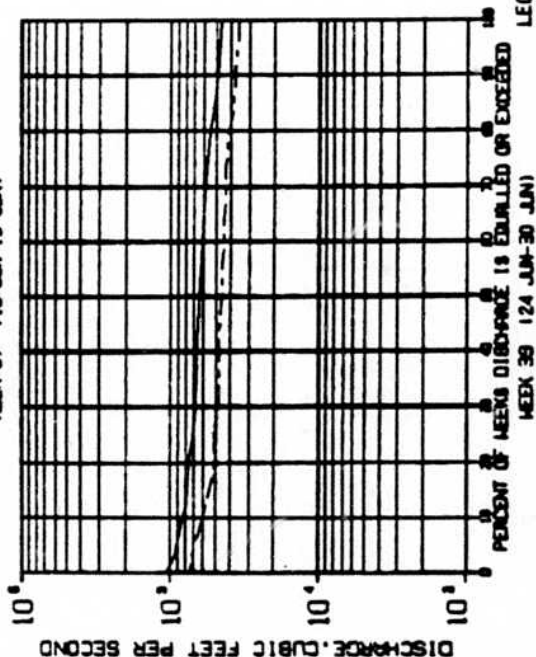
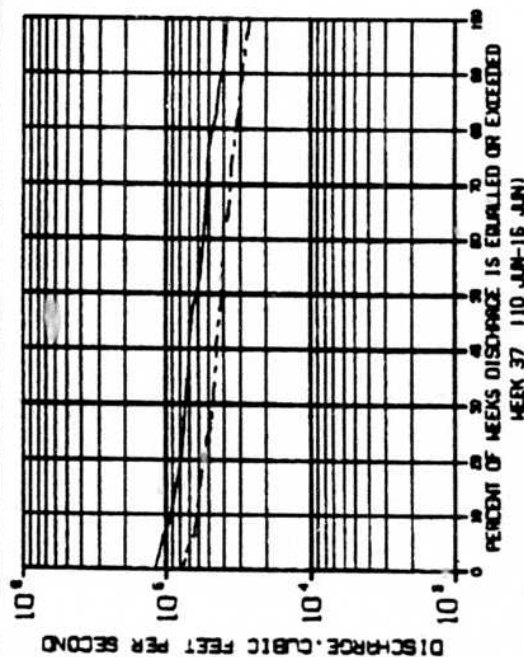
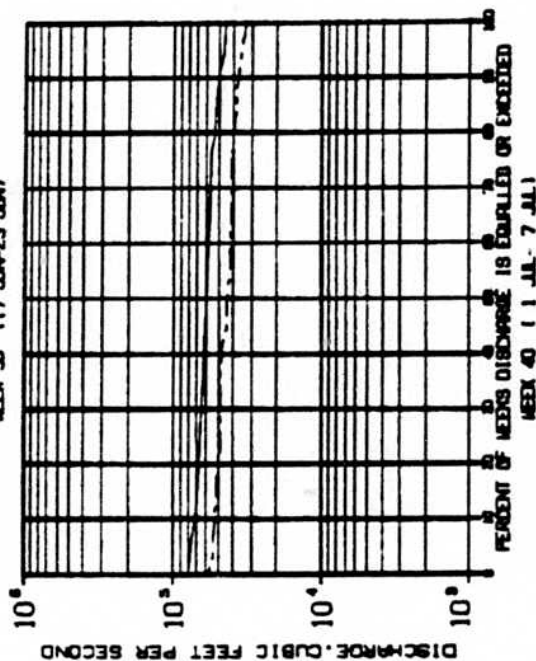
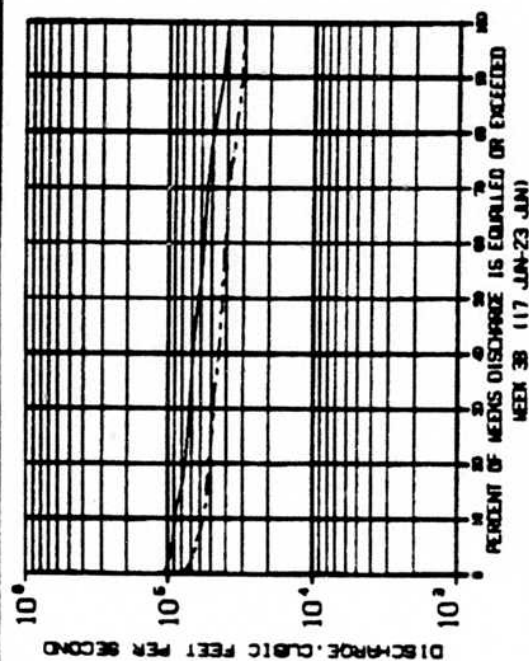


LEGEND

— NATURAL
--- WITH-PROJECT,
BASE C MINIMUM TARGET FLOW
FOR LOAD CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTAINING RIVER AT SUNSHINE

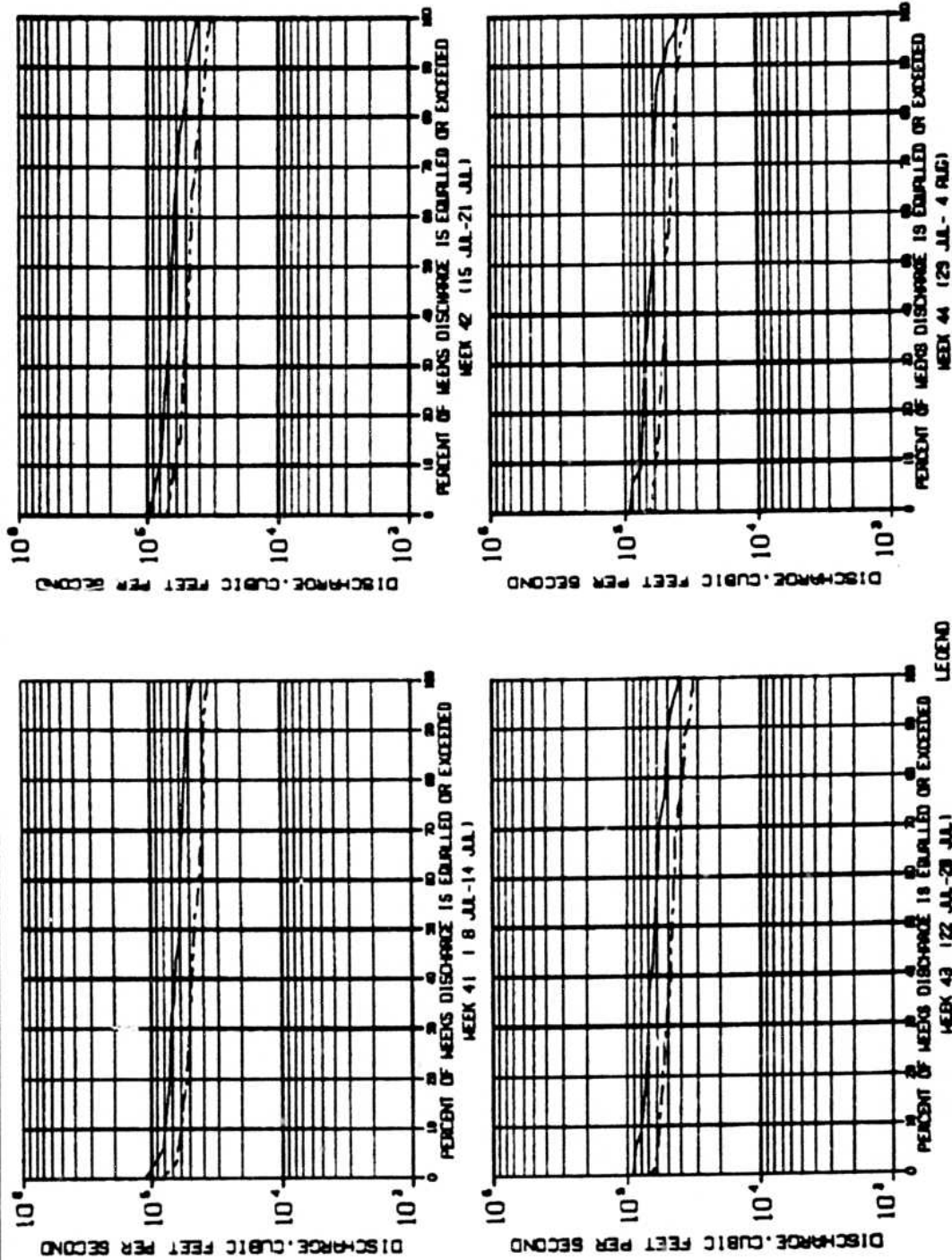
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY
FLOW, OCT 1948 THROUGH APR 1981
AND OBSERVED WEEKLY FLOW
MAY 1981 THROUGH SEP 1983
HARZA-EDWARD BUSHING JOINT VENTURE JUNE 64



FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT SUNSHINE

LEGEND
--- NATURAL
--- WITH-PROJECT
--- CASE C MINIMUM TARGET FLOWS
FOR LORO CONDITIONS 2020
(HARTMAN & DEVILS CANYON)

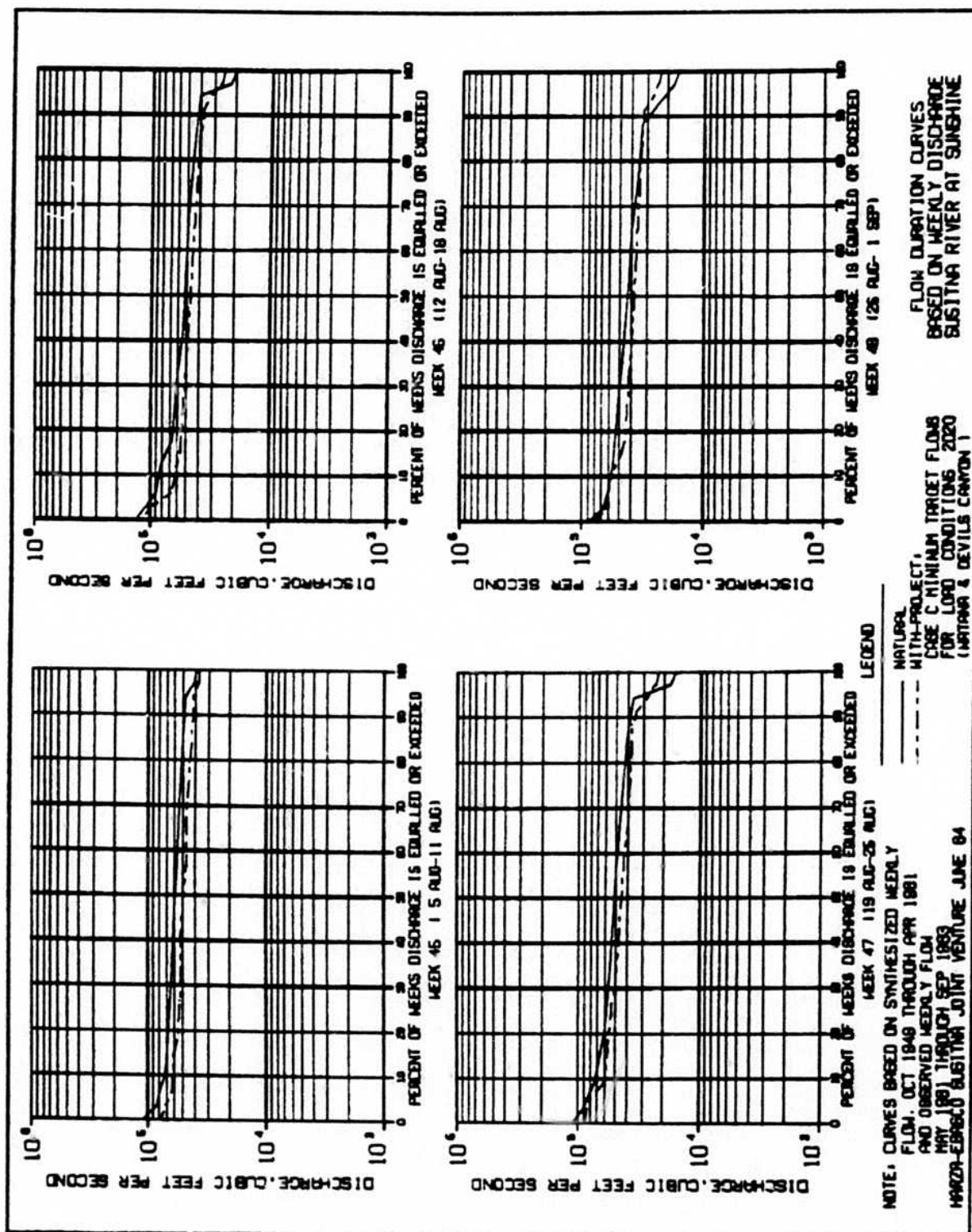
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY
FLOW, OCT 1949 THROUGH APR 1981
AND OBSERVED WEEKLY FLOW
MAY 1981 THROUGH SEP 1983
HARZA-EBRARD SUSTINA JOINT VENTURE JUNE 84

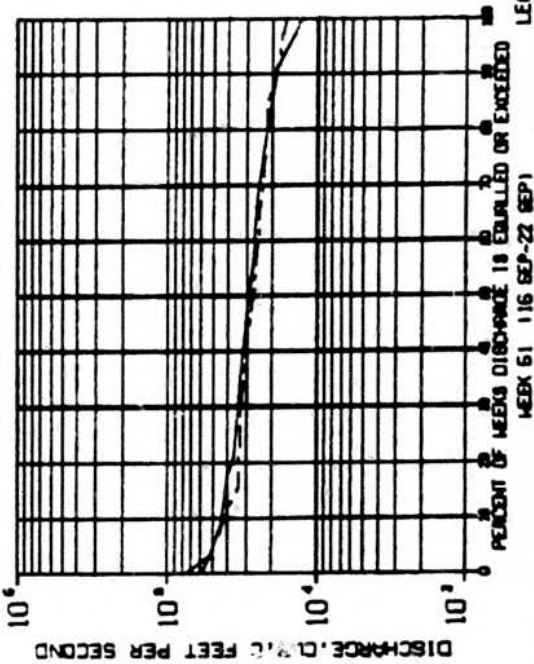
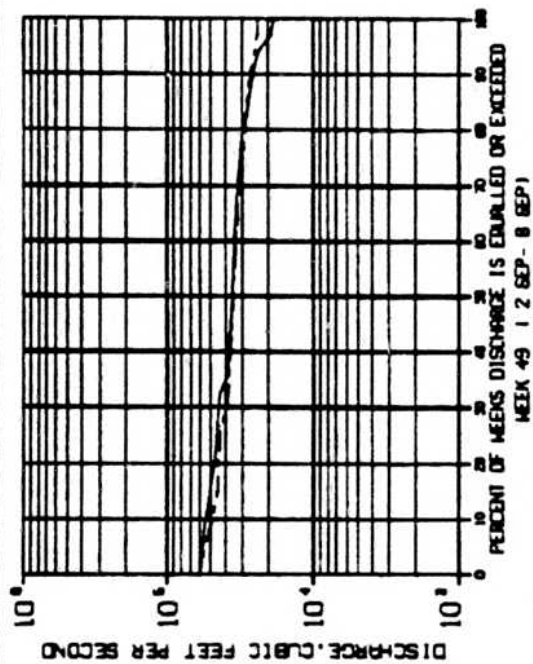
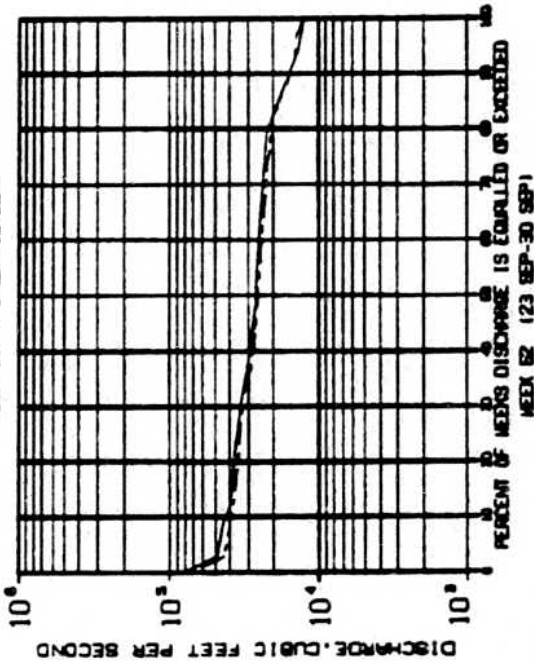
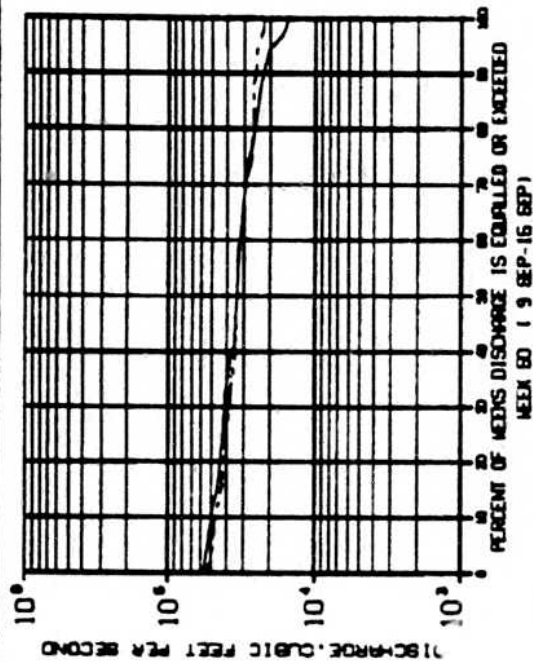


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983

149278-239650 SUSTINA JOINT VENTURE JUNE 84

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT SUNSHINE



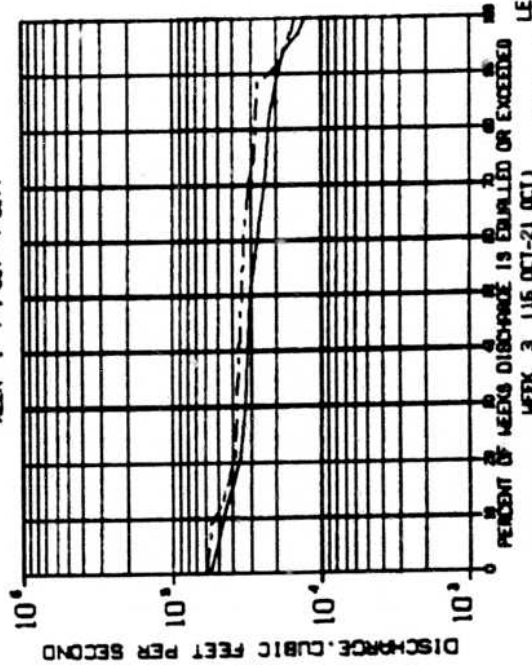
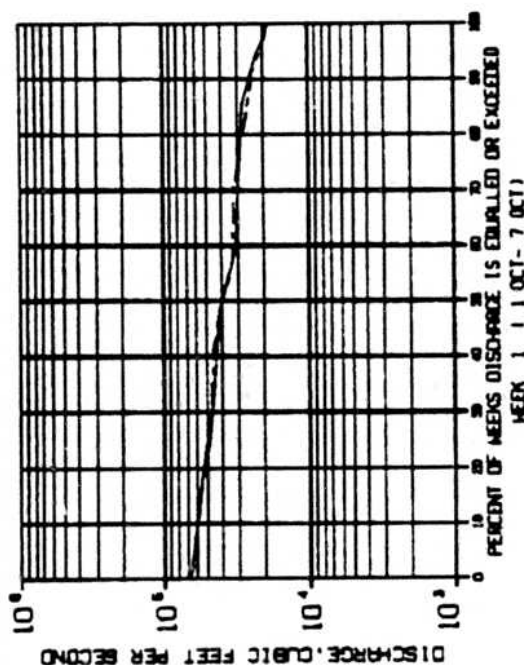
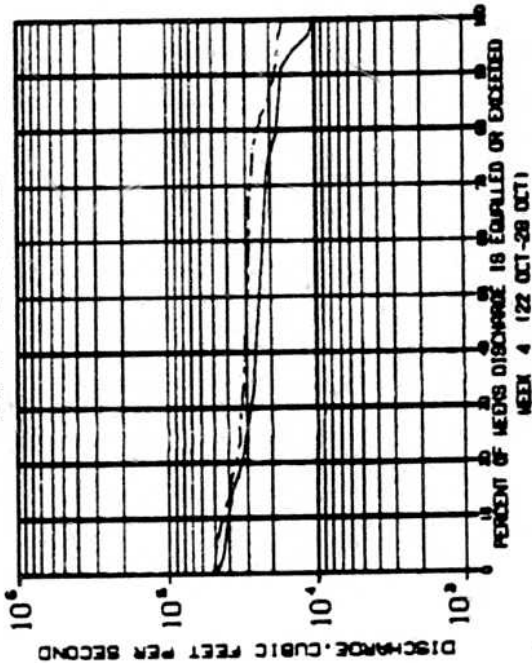
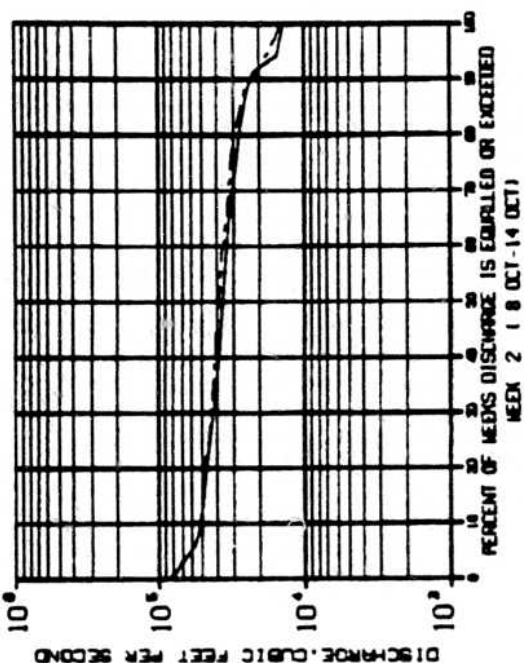


NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1948 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983 HARZA-EBRDC SUSTINA JOINT VENTURE JUNE 84

LEGEND

— NATURAL
--- WITH-PROJECT
--- CREEK MINIMUM TARGET FLOW FOR LOAD CONDITIONS 2020 (NATURAL & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSTINA RIVER AT SUNSHINE

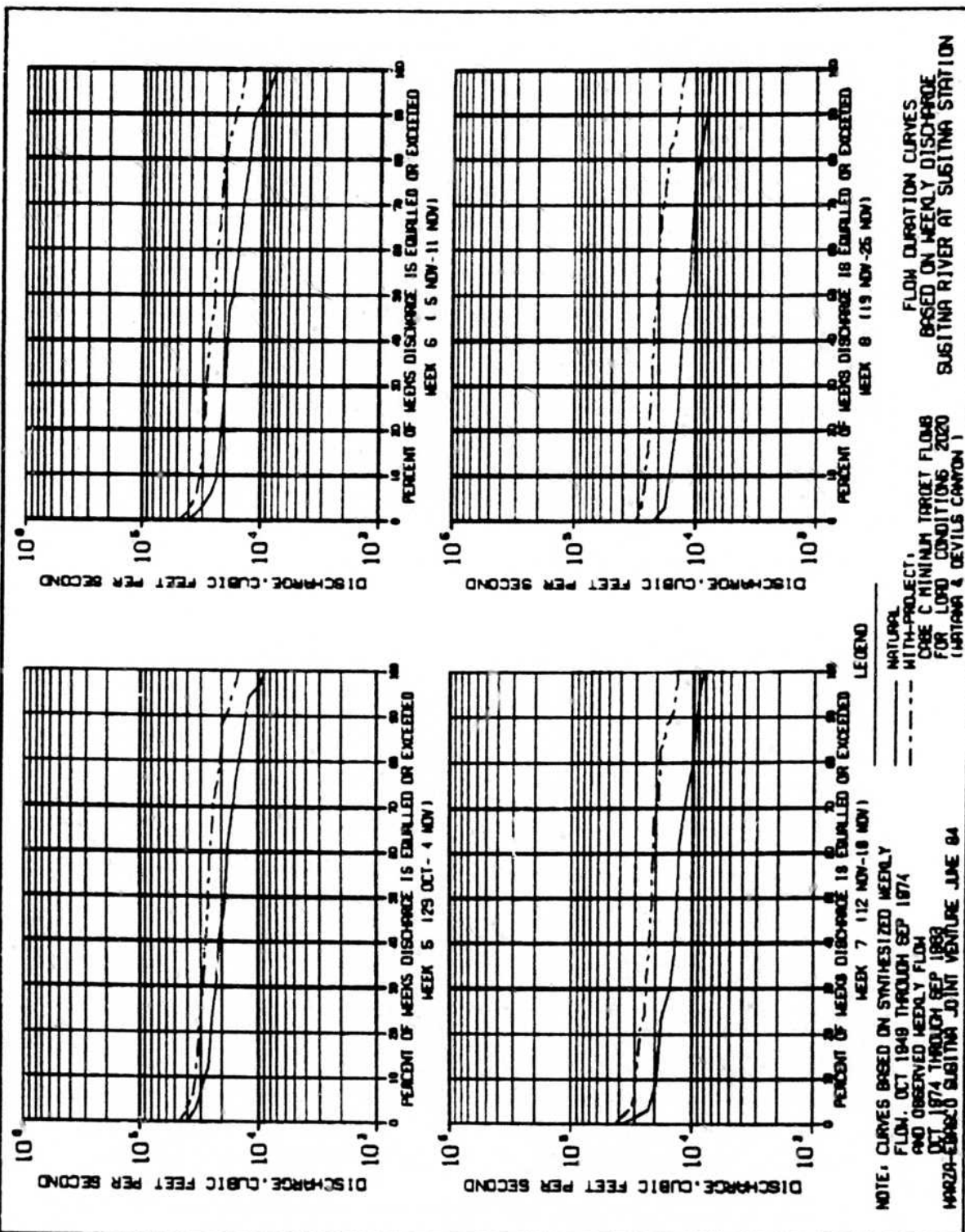


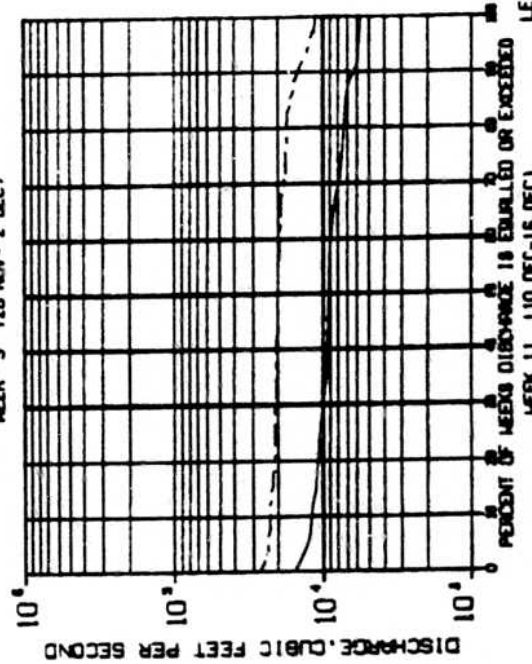
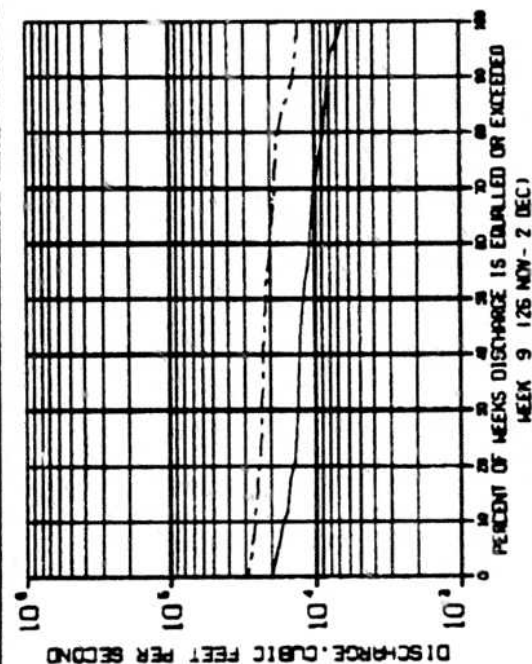
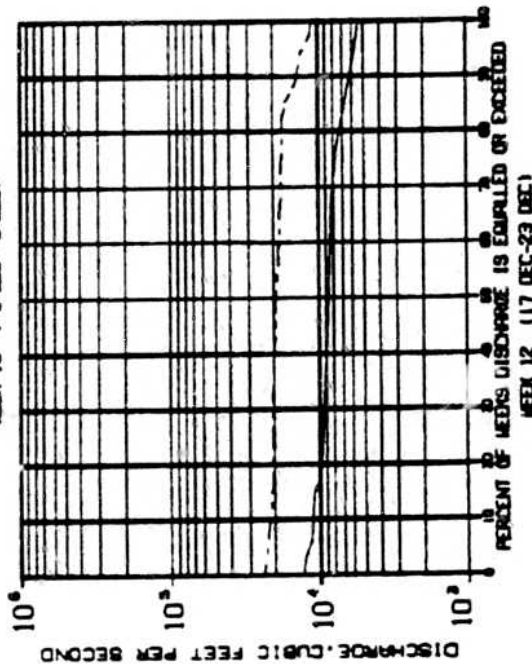
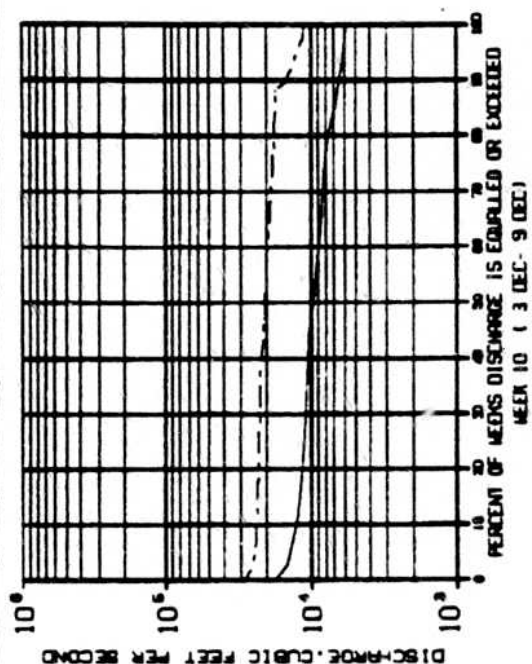
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1948 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW OCT 1974 THROUGH SEP 1983 HARZA-EPSCO SUSITNA JOINT VENTURE, JUNE 84

LEGEND

- NATURAL
- WITH-PROJECT
- CASE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 2020 (HARTMAN & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUSITNA STATION





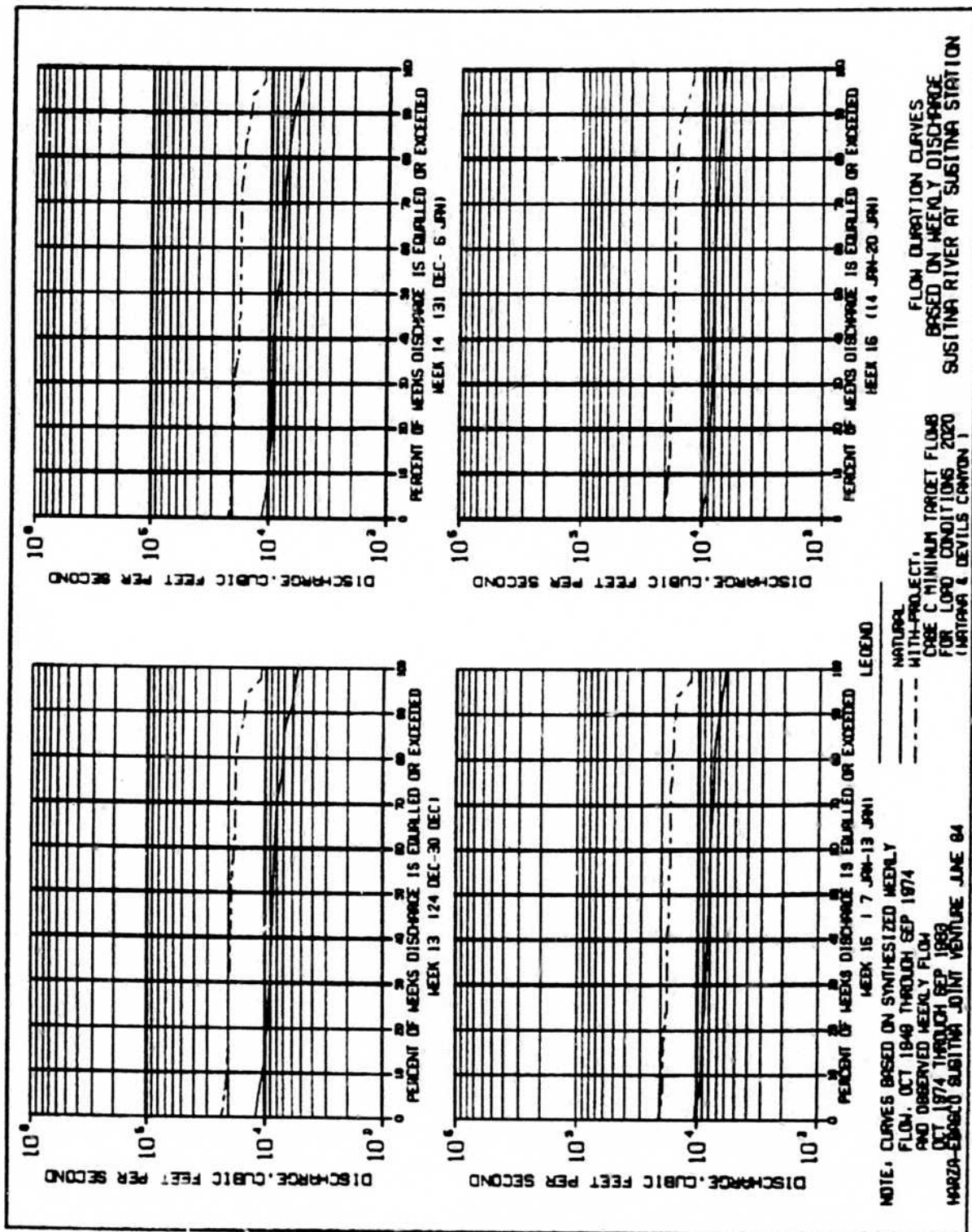
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW OCT 1974 THROUGH SEP 1983 HARZA-EDRSC SUSITNA JOINT VENTURE, JUNE 84

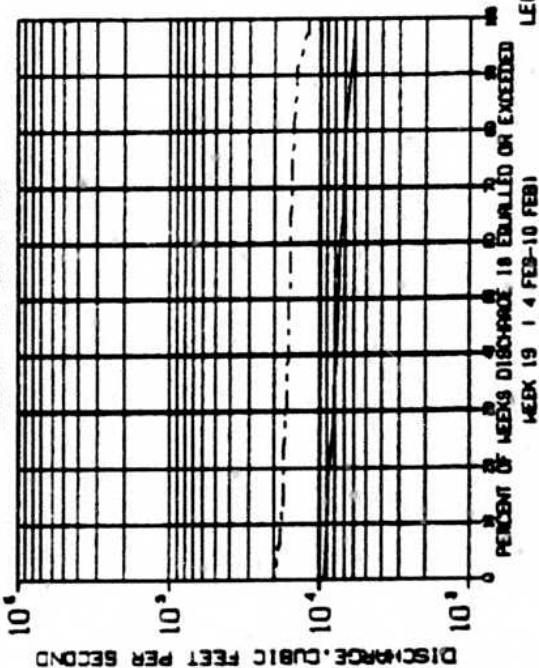
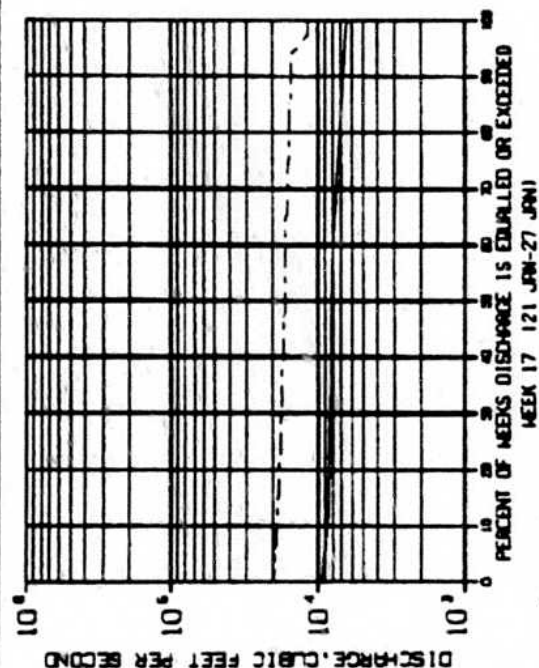
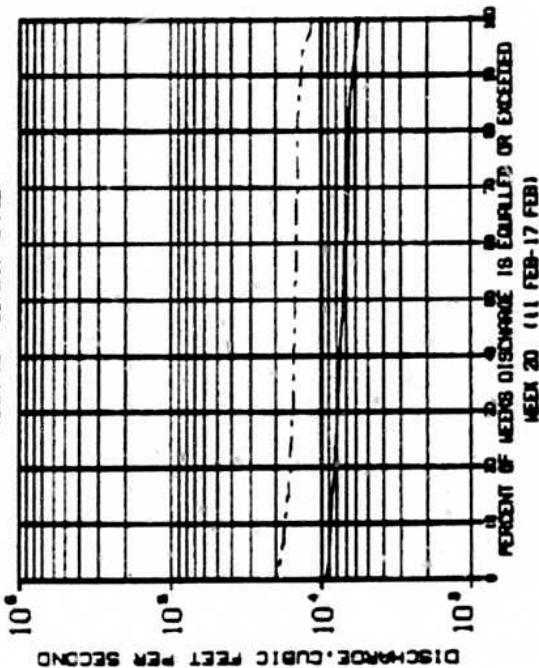
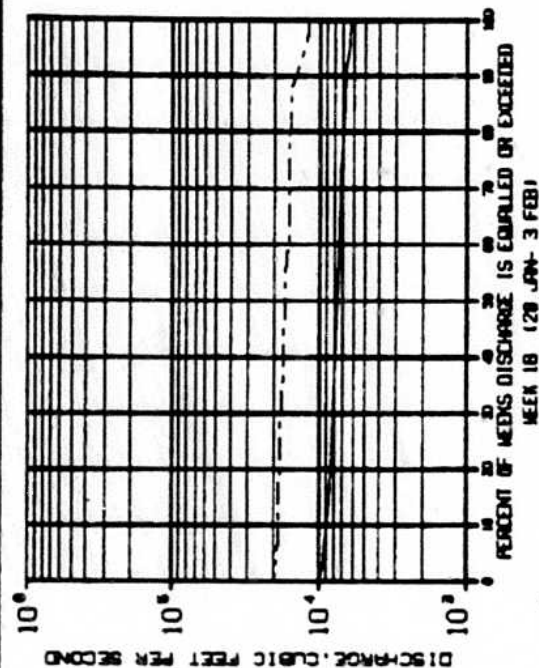
LEGEND

— NATURAL FLOW

- - - WITH PROJECT, CASE C MINIMUM TARGET FLOW FOR LOBO CONDITIONS, 2020

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUSITNA RIVER AT SUSITNA STATION



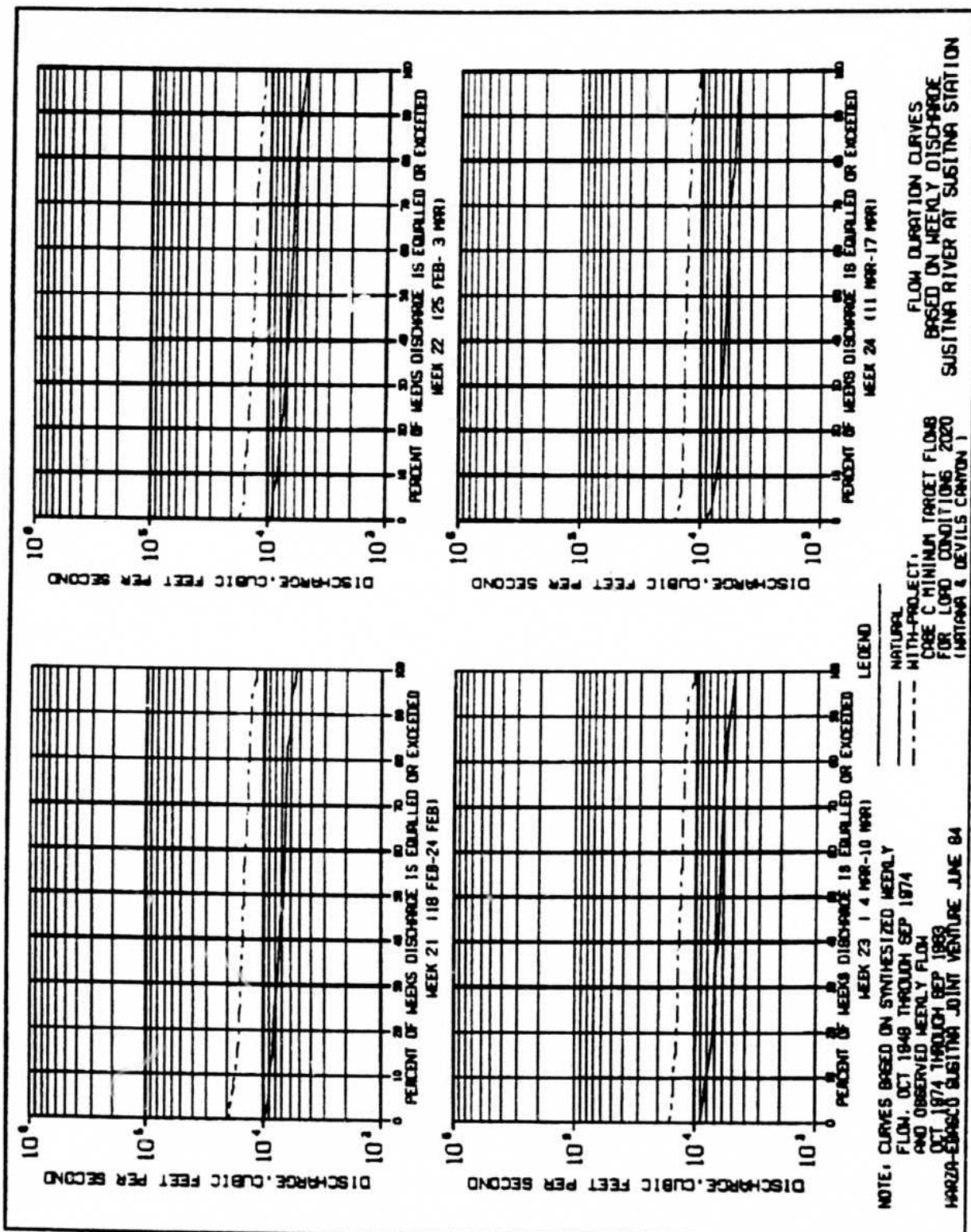


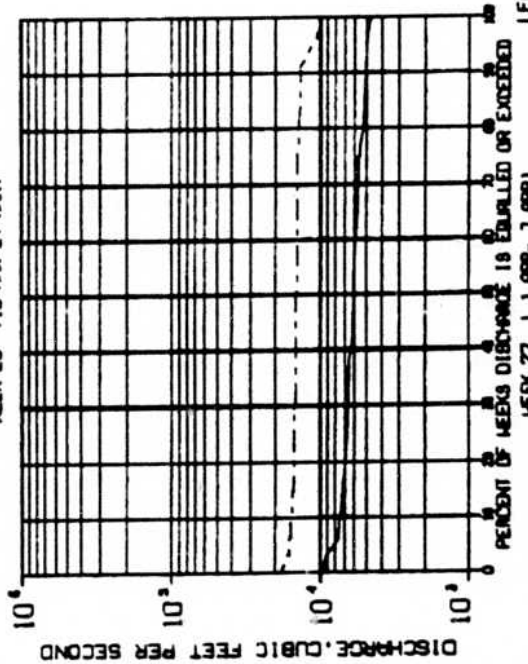
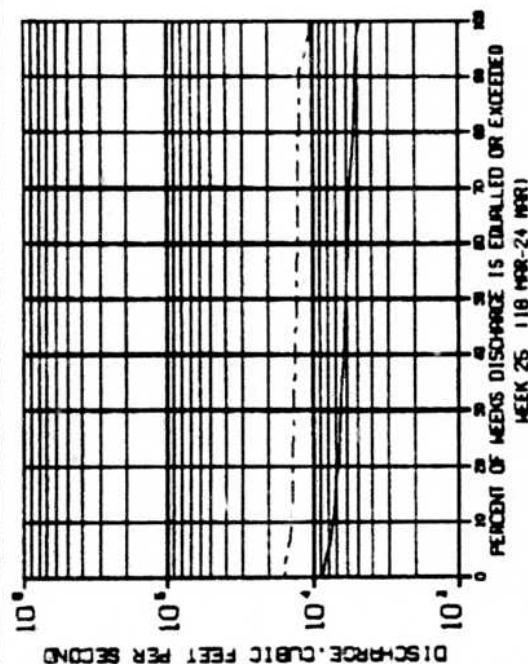
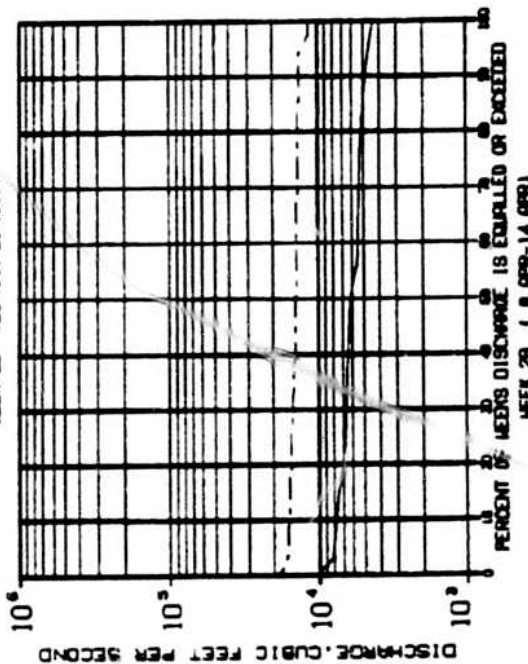
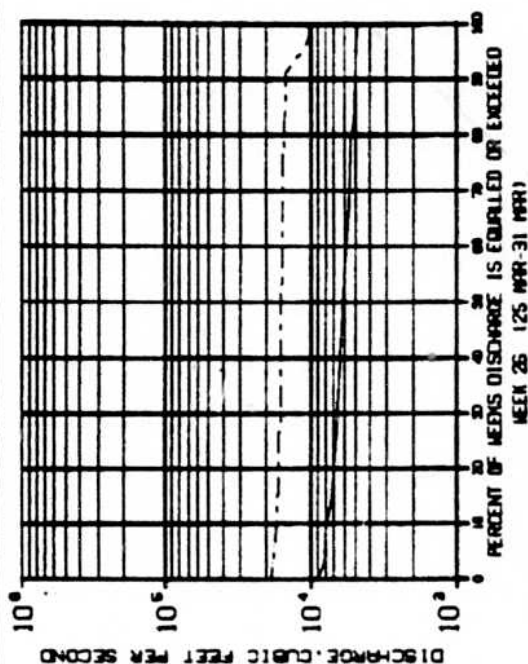
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, U.S. 1946 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW OCT 1974 THROUGH SEP 1983

WATER-CONTROL SUBSTATION JOINT VENTURE, JUNE 84

LEGEND:
 — NATURAL
 --- WITH-PROJECT
 --- CASE C MINIMUM TARGET FLOW FOR LOAD CONDITIONS 2020 (MARTIN & DEVILS CANYON)

FLOW DURATION CURVES
 BASED ON WEEKLY DISCHARGE
 SUSTINA RIVER AT SUSTINA STATION





NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983

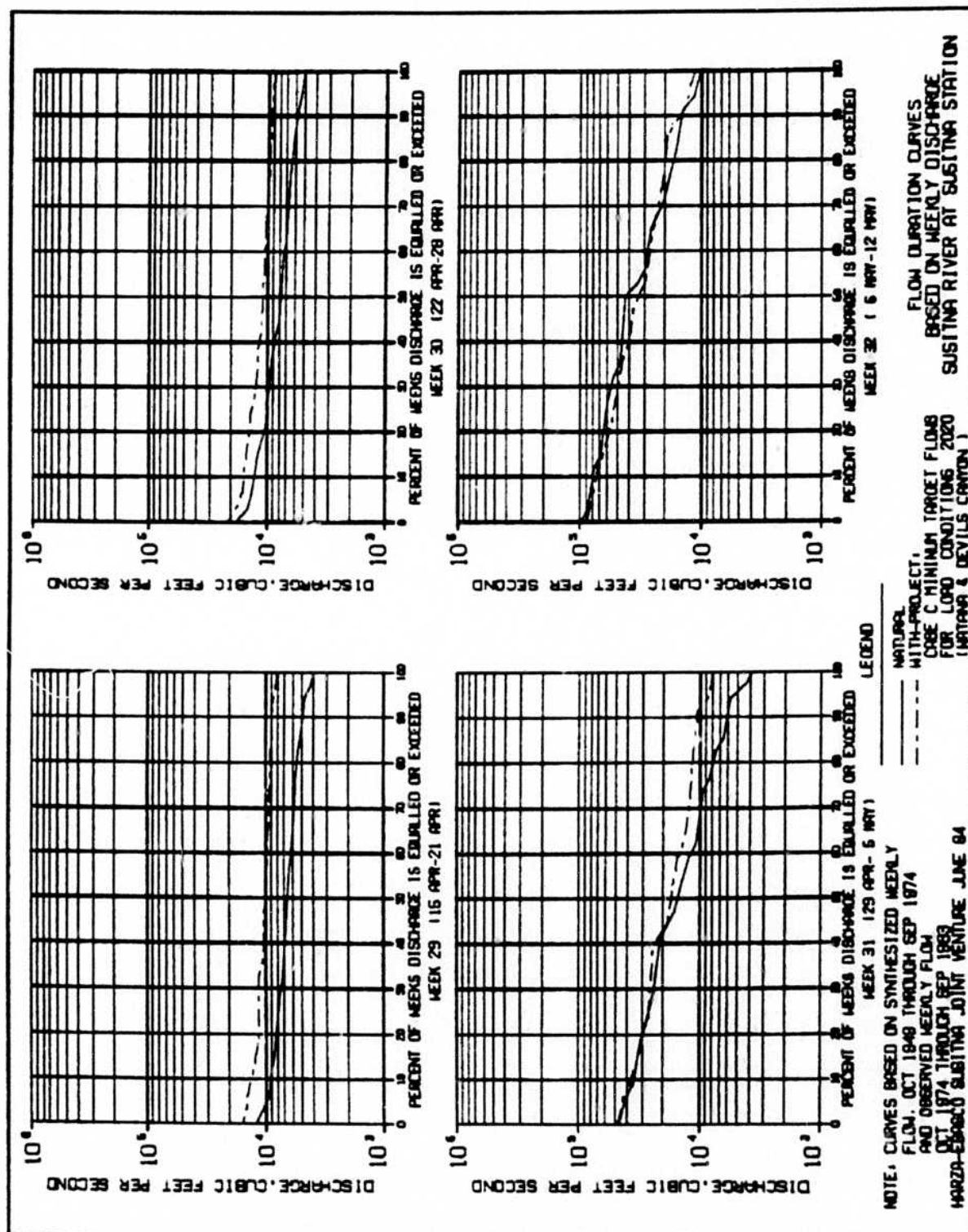
HARZA-EB&SC SUGITNA JOINT VENTURE JUNE 84

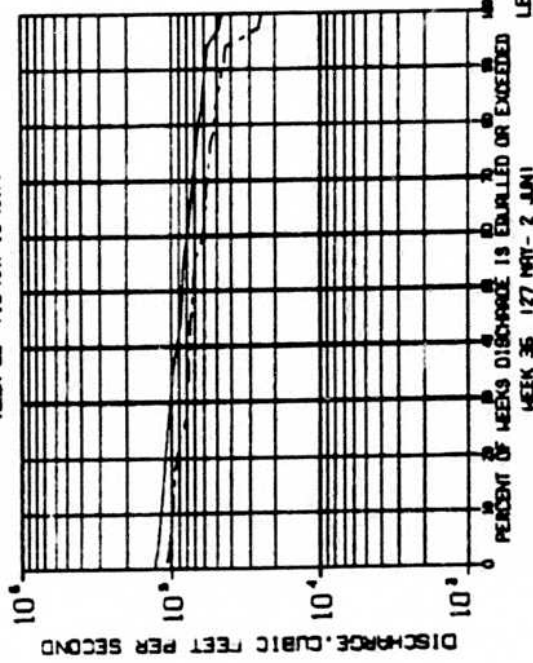
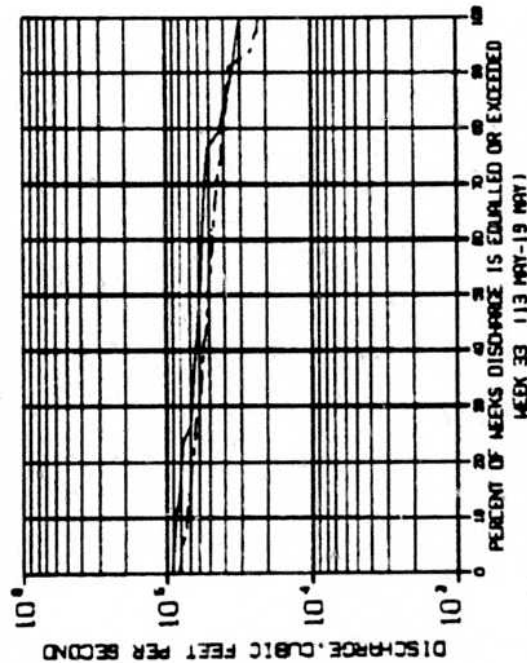
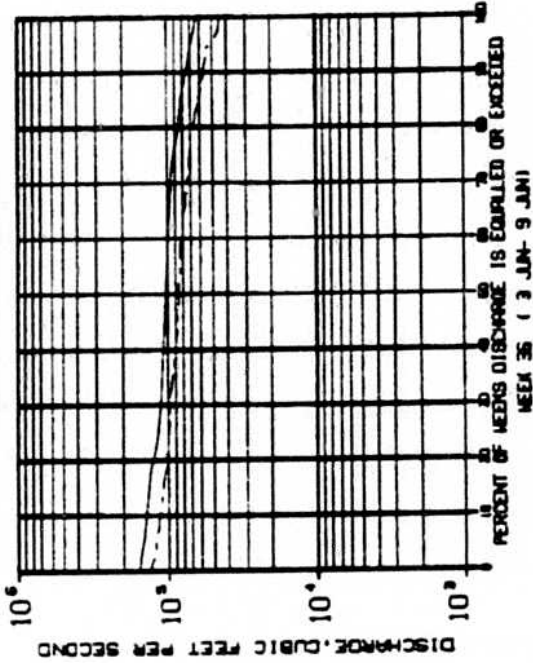
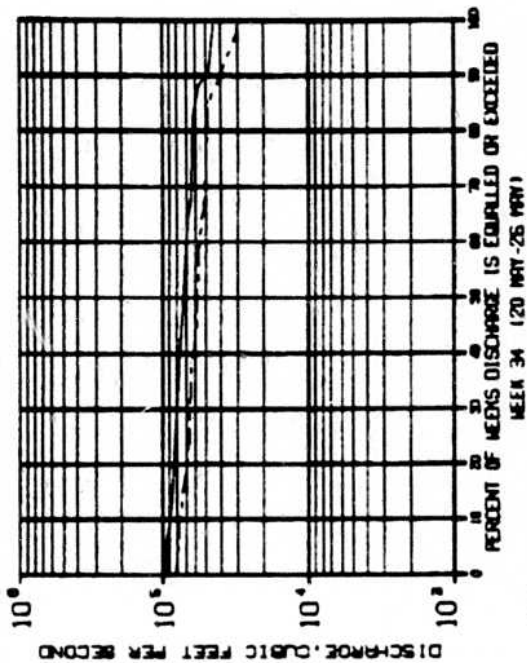
LEGEND

— NATURAL FLOW

- - - WITH-PROJECT CASE C MINIMUM TARGET FLOW FOR FLOOD CONDITION 2020 (HATANA & DEVILS CANYON)

FLOW DURATION CURVES BASED ON WEEKLY DISCHARGE SUGITNA RIVER AT SUGITNA STATION



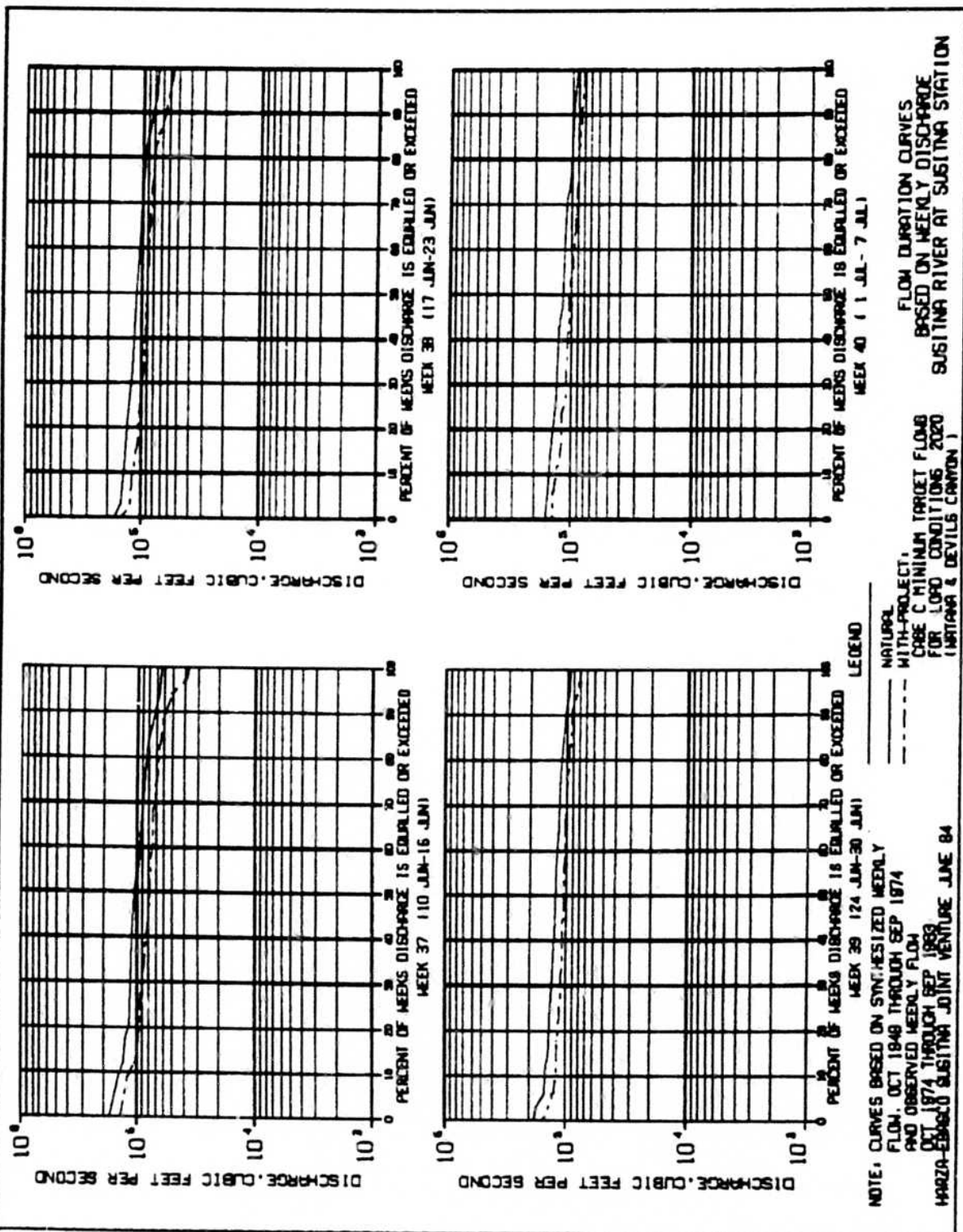


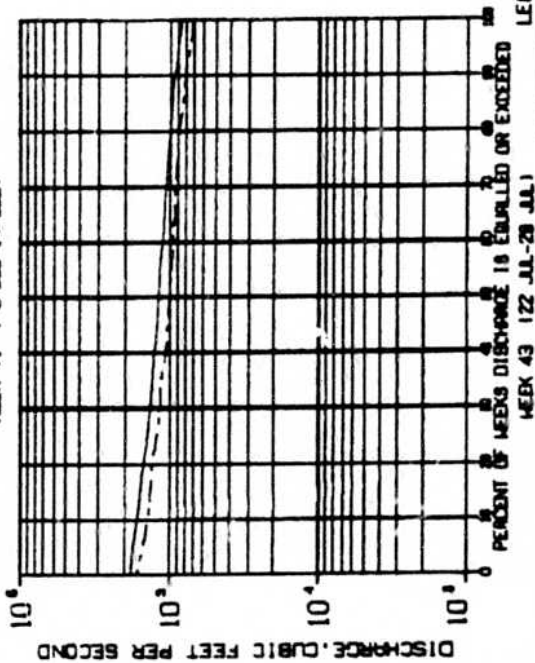
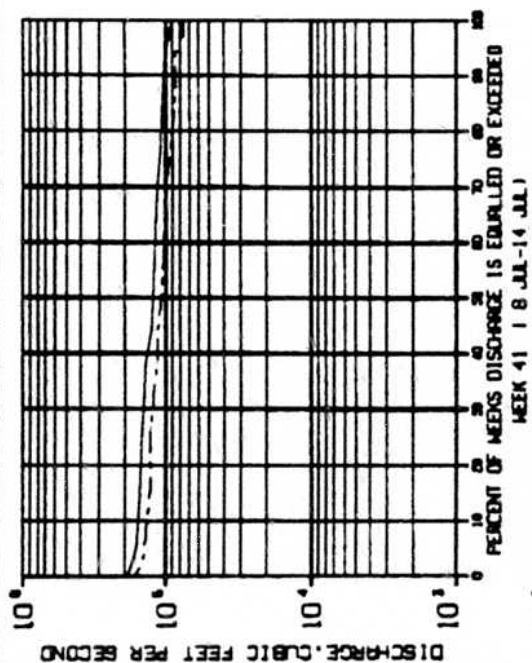
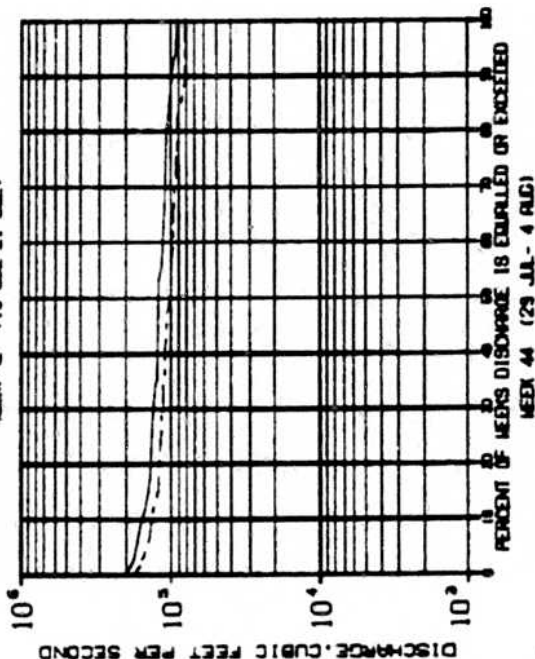
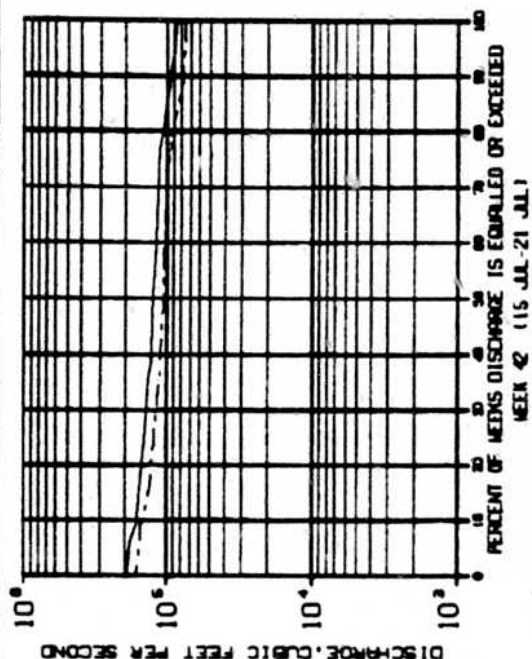
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW: OCT 1948 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW: OCT 1974 THROUGH SEP 1983 HARZA-EDMUND SUSITNA JOINT VENTURE JUNE 84

LEGEND

— NATURAL FLOW
- - - WITH-PROJECT, CASE C MINIMUM TARGET FLOWS FOR LOBO CONDITIONS 2020 (HARTMAN & DEVILS CANYON)

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUSITNA STATION



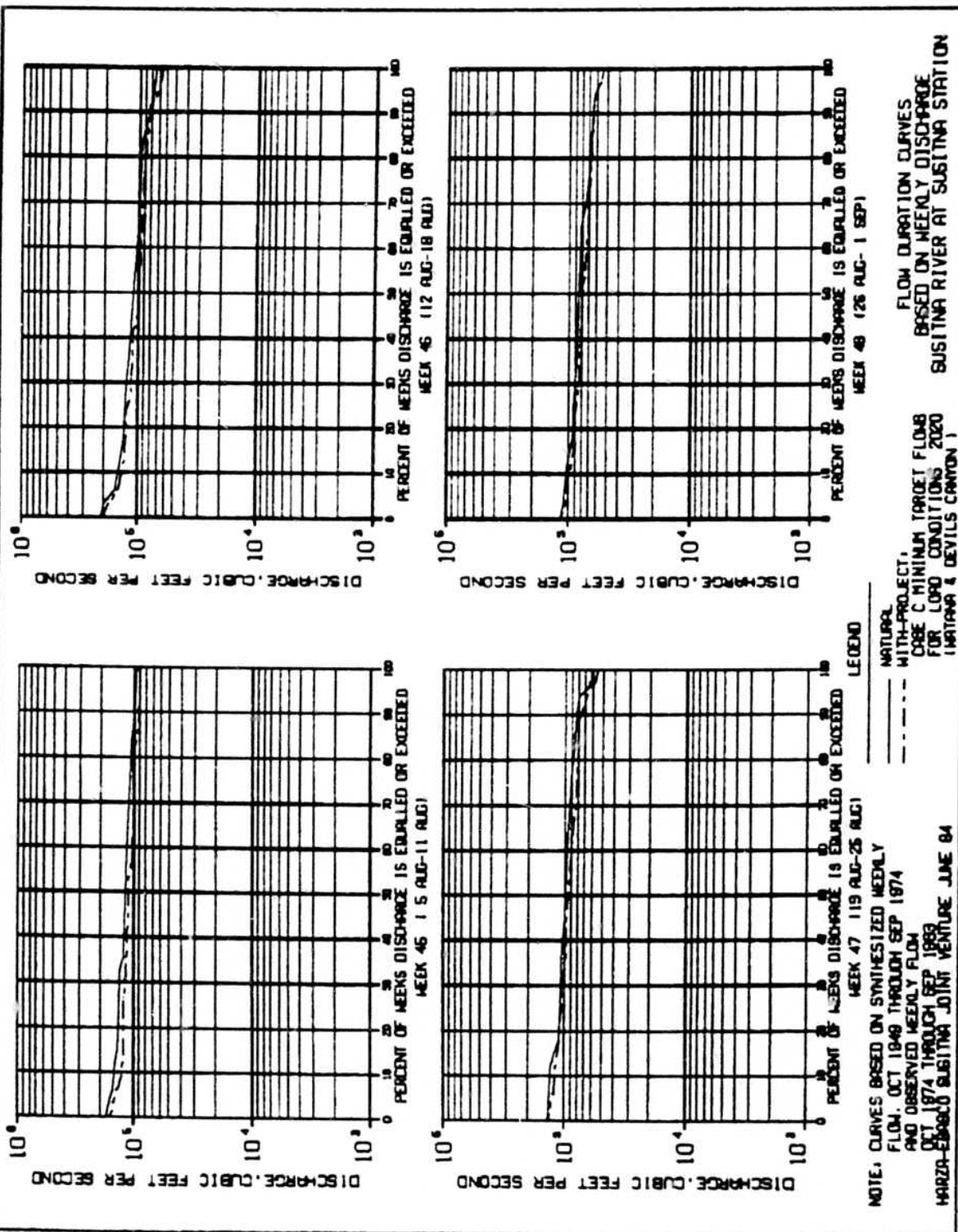


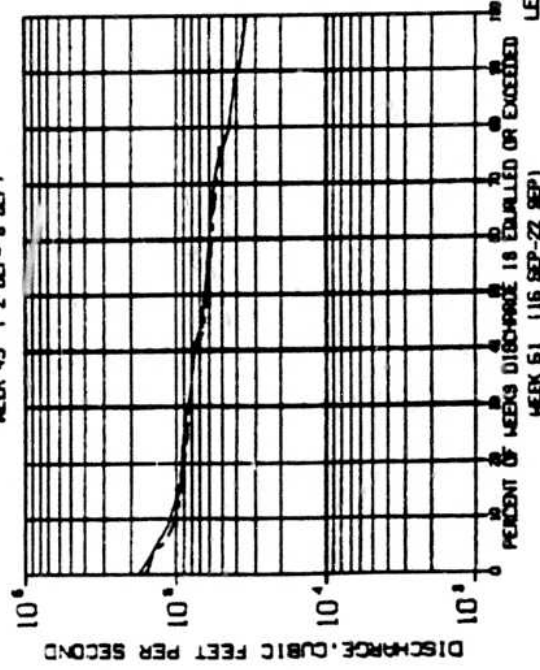
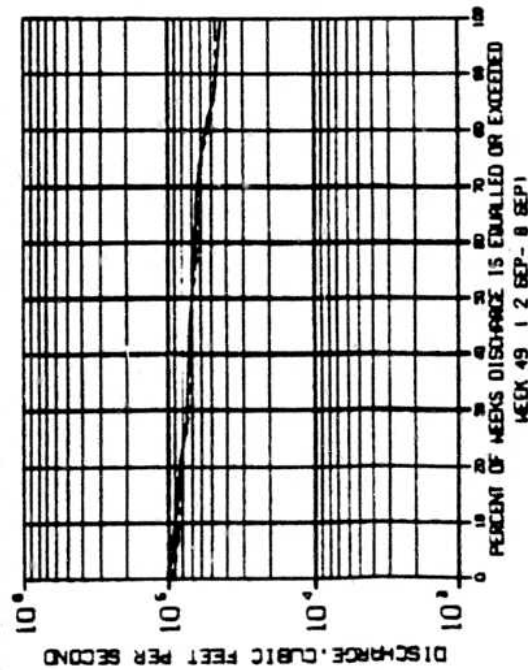
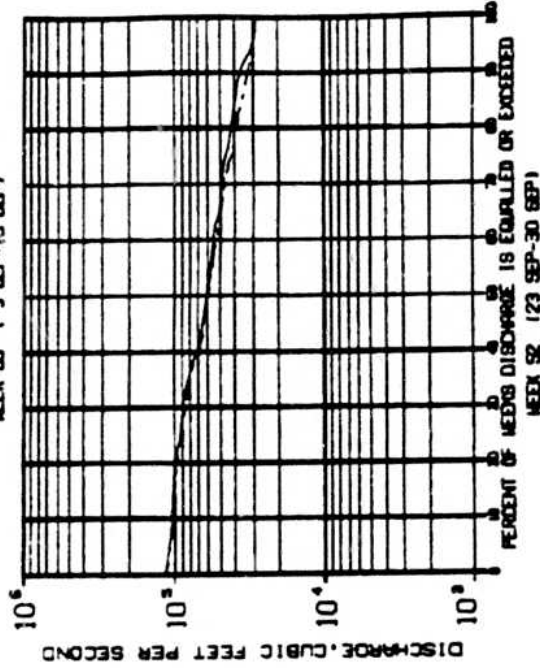
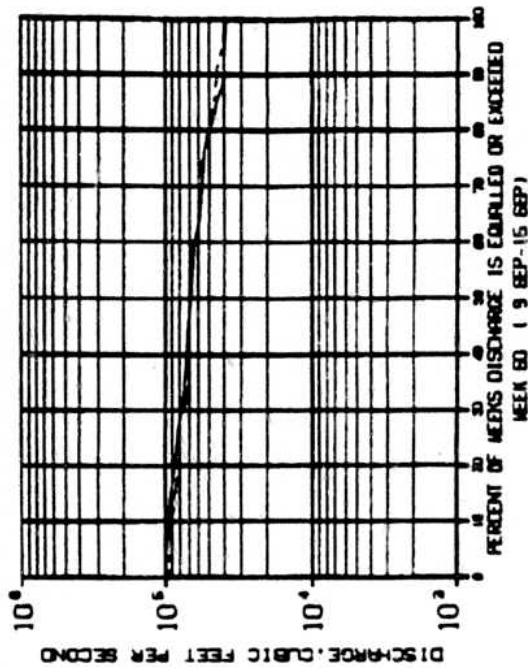
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1948 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983 HARZA-EMSCO BUSITNA JOINT VENTURE JUNE 84

LEGEND

— NATURAL FLOW
- - - WITH PROJECT

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
BUSITNA RIVER AT BUSITNA STATION
(HARZA & DEVILS CANYON)





LEGEND

--- NATURAL
--- WITH-PROJECT,
CASE C MINIMUM TARGET FLOW
FOR LOAD CONDITIONS 2020
(MARTANA & DEVILS CANYON)

NOTE: CURVES BASED ON SYNTHESIZED WEEKLY
FLOW, OCT 1949 THROUGH SEP 1974
AND OBSERVED WEEKLY FLOW
OCT 1974 THROUGH SEP 1983
HARZA-EDMUND GUSTINA JOINT VENTURE, JUNE 84

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
GUSTINA RIVER AT GUSTINA STATION