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**SUSITNA  
HYDROELECTRIC PROJECT**

FEDERAL ENERGY REGULATORY COMMISSION  
PROJECT No. 7114



**STREAM FLOWS AND  
FLOW DURATION CURVES**

AT WATANA, DEVIL CANYON, GOLD CREEK,  
SUNSHINE AND SUSITNA STATION FOR  
WATANA AND DEVIL CANYON  
OPERATION IN 2002 AND 2020

VOLUME 4 - APPENDIX F

Final Report

February 1985

Document No. 2603

**HARZA-EBASCO**  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**

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SUSITNA HYDROELECTRIC PROJECT

STREAM FLOWS AND FLOW DURATION CURVES

At Watana, Gold Creek, Sunshine And Susitna Station  
For Watana And Devil Canyon  
IN 2002 and 2020

VOLUME 4 - APPENDIX F

Report By  
Harza-Ebasco Susitna Joint Venture

Prepared for  
Alaska Power Authority

**ARLIS**  
Alaska Resources  
Library & Information Services  
Anchorage, Alaska

Final Report  
February 1985

Appendix F

**SUSITNA HYDROELECTRIC PROJECT**

Stream Flows and Flow Duration Curves

at

Watana, Devil Canyon, Gold Creek, Sunshine and Susitna Station

For Watana and Devil Canyon Operation in 2002 and 2020

- o Introduction
- o Tables (26)
- o Exhibits (27)

**ARLIS**  
Alaska Resources  
Library & Information Services  
Anchorage, Alaska

CASE E-VI ALTERNATIVE FLOW REQUIREMENTS

APPENDIX F

WEEKLY FLOW DURATION CURVES  
FOR THE SUSITNA RIVER BASIN  
2002 and 2020 ENERGY DEMANDS

Flow duration curves were derived for natural and with-project conditions for the Susitna River at Watana and Devil Canyon Damsites, Gold Creek, Sunshine and Susitna Station (see Exhibit 1 for locations). Each water year (October 1 through September 30) was divided into 7-day periods for the computations. The flow requirements are those for Case E-VI environmental releases, and energy demands of 2002 and 2020 (Watana and Devil Canyon operation). Exhibits 2 through 6 show the 7-day flow duration curves for natural and with-project conditions using the 2002 energy demand. The corresponding curves for the year 2020 demand are shown on Exhibits 7 through 11. The natural and with-project weekly flows are given in Tables 1 through 11. The flow duration data are given in Tables 12 through 26.

The flow duration curves for week 52 (sheet 13 of 13, Exhibits 2 through 11) are based on weekly flows derived as "total 8-day flow divided by 8". The weekly flows for week 52 were also computed as the total 8-day flow divided by 7. Exhibits 12 through 21 provide a comparison between flow duration curves based on weekly mean for 8-day period and those based on total 8-day flow divided by 7. The difference between the two sets of curves is about 14 percent.

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 due to the added flow from tributaries joining the Susitna River downstream from Gold Creek. The flows from the Chulitna River, Talkeetna River and Yentna River have the most significant effects.

A previous report entitled "Weekly Flow Duration Curves and Observed and Filled Weekly Flows for the Susitna River Basin" (Harza-Ebasco 1984) contains additional information on streamflows for

- a) The Chulitna River near Talkeetna,
- b) The Talkeetna River near Talkeetna, and
- c) The Skwentna River near Skwentna.

This report was transmitted to the Federal Energy Regulatory Commission (FERC) on November 2, 1984.

Additionally, License Application Figures E.2.195 through E.2.197 have been replaced by Exhibits 22 through 27 which show weekly average water levels throughout the summer for 10%, 50% and 90% exceedance level flows.

APPENDIX F

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7	With-Project Weekly Flows for Susitna River at Devil Canyon and Gold Creek for 2002 Load Conditions, Watana-Devil Canyon Operation.
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LIST OF EXHIBITS

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**TABLE 1**

TABLE 1

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT GOLD CREEK

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT GOLD CREEK

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT GOLD CREEK

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.									
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.									

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT GOLD CREEK

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.									
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.									

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30). the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT GOLD CREEK

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.
1980	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.
	4143.	9714.	13914.	12443.	19843.	32143.	25329.	32800.	28614.	31343.
1981	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.
	1600.	1500.	1500.	1600.	1629.	1650.	1700.	1771.	1886.	2443.
1982	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.
	2385.	2300.	2300.	2300.	2300.	2300.	2300.	2314.	2357.	1721.
1983	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.								
	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.									

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

**TABLE 2**

$\phi$  WLN  
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TABLE 2

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUNSHINE

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30). the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUNSHINE

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUNSHINE

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUNSHINE

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUNSHINE

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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Apr. 81

**TABLE 3**

TABLE 3

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUSITNA STATION

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.									
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.									

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7  
Synthesized flows for the period Oct. 49 through Sept. 74

TABLE 3 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUSITNA STATION

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.								
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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7. Synthesized flows for the period Oct. 49 through Sept. 74

TABLE 3 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUSITNA STATION

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.	21079.	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.								
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.								

<sup>1/</sup> Weekly flows start from Week 1 (Oct 1-7) to Week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7

TABLE 3 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUSITNA STATION

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.
1973	13286.	6857.								
	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.
1974	20129.	15229.	16429.	17657.	21029.	16757.	21800.	23171.	12814.	8942.
	7551.	7010.								
	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.
1975	2571.	6586.	12286.	27429.	31357.	19557.	16700.	15614.	16671.	16943.
	21057.	19314.	18571.	17714.	18686.	15986.	12651.	17130.	16614.	9314.
	9413.	14154.								
	5503.	5469.	2914.	1943.	1700.	1700.	1700.	1700.	1686.	1600.
	1600.	1600.	1600.	1586.	1500.	1500.	1500.	1500.	1500.	1500.
1976	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.								
	10286.	9071.	8357.	4929.	3429.	2457.	1871.	1486.	1271.	1143.
1977	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.								
1978	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.
1978	14071.	13534.								
	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.									

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7. Synthesized flows for the period Oct. 49 through Sept. 74

TABLE 3 (Continued)

NATURAL WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT SUSITNA STATION

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.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 7. Synthesized flows for the period Oct. 49 through Sept. 74

**TABLE 4**

TABLE 4

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT WATANA DAMSITE

1951	4521.	4029.	3518.	2007.	1248.	1176.	1103.	1042.	994.	903.
	903.	903.	903.	828.	812.	812.	812.	757.	667.	667.
	667.	641.	618.	618.	618.	618.	542.	700.	1071.	1861.
	4923.	14338.	15945.	7915.	13828.	26696.	19247.	12238.	17232.	18464.
	21682.	20740.	19074.	17891.	14413.	15312.	14985.	21048.	24531.	15237.
	15738.	13323.								
1952	7559.	5055.	3674.	2855.	2793.	2609.	1928.	1908.	1761.	1489.
	1489.	1489.	1489.	1329.	1299.	1299.	1299.	1069.	819.	819.
	819.	784.	730.	730.	730.	730.	796.	796.	796.	796.
	909.	1132.	1549.	3357.	16784.	19892.	28174.	30555.	27039.	23527.
	16714.	21361.	23150.	30727.	19888.	15618.	11855.	13935.	15561.	10522.
	9086.	10876.								
1953	8559.	7982.	5556.	4049.	3948.	3377.	2164.	2652.	1913.	1250.
	1250.	1250.	1250.	880.	820.	820.	820.	722.	598.	598.
	598.	606.	678.	678.	678.	678.	486.	486.	785.	1308.
	10007.	13666.	12435.	21448.	16652.	27821.	21482.	17488.	20466.	17377.
	15695.	17070.	17745.	20931.	17859.	14312.	14731.	17519.	14058.	12806.
	10679.	8137.								
1954	6126.	5080.	3728.	2971.	1821.	1738.	1608.	1497.	1361.	1174.
	1174.	1174.	1174.	1120.	1099.	1099.	1099.	982.	794.	794.
	794.	716.	630.	630.	630.	630.	506.	506.	870.	930.
	4308.	8521.	13802.	15823.	14807.	19799.	19022.	18245.	22178.	19307.
	15396.	14981.	14981.	24614.	20049.	20049.	20049.	18930.	11256.	9676.
	9025.	5793.								
1955	4746.	4461.	3359.	3359.	2716.	2156.	2032.	1796.	1756.	1657.
	1624.	1431.	1431.	1546.	1561.	1338.	1249.	1179.	1052.	1052.
	1052.	949.	879.	879.	879.	879.	828.	828.	828.	828.
	2519.	3321.	3882.	11626.	12771.	17007.	27727.	30081.	28168.	29660.
	24776.	19124.	22869.	20805.	19270.	19771.	24039.	34146.	17921.	13691.
	11128.	8763.								
1956	6059.	4461.	3633.	3129.	2062.	1721.	1581.	1393.	1306.	1027.
	1027.	1027.	1027.	848.	810.	810.	810.	809.	750.	750.
	750.	739.	689.	689.	689.	689.	641.	641.	641.	641.
	1798.	8483.	12106.	24085.	15966.	27294.	35522.	26081.	22994.	24335.
	26536.	26799.	26153.	24666.	22447.	20285.	16173.	13792.	11446.	16046.
	15637.	10015.								
1957	5279.	5279.	3583.	3300.	2789.	2342.	2247.	2123.	2035.	1908.
	1852.	1509.	1509.	1399.	1378.	1378.	1378.	1310.	1193.	1193.
	1193.	1079.	920.	920.	920.	920.	837.	837.	837.	837.
	2452.	4269.	6969.	15611.	23050.	31747.	28053.	24892.	17043.	19864.
	18252.	20463.	22198.	17659.	17664.	17568.	16111.	17804.	14143.	15435.
	15008.	14415.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 4 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT WATANA DAMSITE

1958	7628.	6544.	5337.	5503.	3997.	3287.	2815.	2314.	2637.	2991.
	2551.	1902.	1544.	1839.	1614.	1408.	1332.	1101.	1152.	1038.
	959.	959.	1024.	1000.	939.	939.	950.	1063.	1153.	1398.
	3001.	5917.	8267.	15742.	16842.	24642.	24642.	21247.	19363.	18442.
	18442.	18442.	18082.	32829.	23946.	17783.	14415.	9969.	6605.	6605.
	5128.	5129.								
1959	4604.	4050.	3875.	2689.	2392.	2068.	1760.	1352.	1215.	797.
	879.	1375.	1375.	1150.	1109.	1056.	1035.	1051.	1027.	984.
	879.	797.	683.	683.	683.	683.	666.	666.	952.	999.
	1801.	2951.	12604.	17856.	14298.	20496.	15311.	18247.	20418.	21688.
	20819.	22556.	17816.	18373.	14392.	18474.	34121.	33290.	20953.	10824.
	8131.	7669.								
1960	8534.	5896.	3243.	4051.	2692.	2292.	2194.	2064.	1962.	1656.
	1656.	1656.	1656.	1541.	1523.	1360.	1295.	1227.	1175.	1152.
	1097.	1062.	1041.	996.	882.	882.	694.	694.	910.	945.
	4703.	6668.	12886.	20055.	20716.	11838.	12275.	12710.	13971.	19936.
	14780.	17003.	23312.	26487.	20467.	18086.	17477.	16811.	14281.	22570.
	15996.	11980.								
1961	9778.	7102.	5050.	3678.	2753.	2516.	2319.	2058.	2118.	2126.
	2085.	1833.	1833.	1776.	1773.	1825.	1846.	1601.	1317.	1297.
	1246.	1181.	1097.	1222.	1535.	1535.	1617.	1617.	1783.	1811.
	5580.	10306.	17834.	16989.	15795.	14578.	23810.	29749.	24996.	18341.
	19253.	19937.	20655.	22581.	23083.	19710.	18708.	13842.	9309.	10560.
	10059.	10131.								
1962	8304.	3663.	3663.	3663.	2910.	2187.	2187.	2187.	2067.	1742.
	1742.	1742.	1742.	1645.	1626.	1626.	1626.	1462.	1237.	1237.
	1237.	1207.	1174.	1174.	1174.	1174.	1335.	1335.	1335.	1335.
	3165.	3896.	10571.	15580.	25042.	25502.	49464.	42296.	29941.	24659.
	24076.	20979.	24659.	22051.	19487.	19487.	19487.	19844.	18961.	11972.
	9699.	9763.								
1963	7677.	5846.	5094.	4603.	3273.	2427.	2427.	2427.	2243.	1684.
	1684.	1684.	1684.	1346.	1303.	1303.	1303.	1284.	1203.	1203.
	1203.	1015.	870.	870.	870.	870.	680.	680.	680.	680.
	2138.	2871.	16185.	26173.	29395.	20039.	20039.	20039.	20039.	25591.
	33081.	31343.	26765.	24772.	22882.	19853.	20996.	17689.	13124.	11736.
	9384.	8325.								
1964	7204.	6067.	4963.	3760.	2277.	2037.	1803.	1489.	1454.	1358.
	1311.	1038.	1038.	913.	888.	830.	807.	816.	818.	802.
	760.	696.	612.	588.	524.	524.	588.	588.	637.	646.
	524.	521.	699.	1548.	17791.	66753.	45845.	38257.	27669.	22261.
	22938.	21646.	14854.	16893.	15985.	12889.	13741.	11603.	8901.	7255.
	7294.	6247.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 4 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT WATANA DAMSITE

1965	5814.	6506.	4258.	3387.	2593.	2408.	2383.	2656.	1708.	1175.
	1047.	952.	952.	880.	866.	866.	866.	821.	764.	764.
	764.	785.	809.	809.	809.	809.	1050.	1050.	1324.	1370.
	1702.	4582.	7973.	14365.	28598.	18020.	19249.	18396.	27076.	25264.
	25478.	23730.	20581.	18313.	16343.	25247.	16925.	9394.	14093.	17314.
	15844.	18328.								
1966	10948.	6087.	2852.	2359.	2043.	1676.	1481.	1412.	1361.	1265.
	1223.	1174.	1129.	1075.	1062.	1062.	1062.	1025.	980.	980.
	980.	983.	985.	985.	985.	985.	1091.	1091.	1432.	1490.
	2210.	2873.	5322.	10202.	16017.	37660.	26954.	22768.	19214.	15178.
	14458.	15132.	17122.	22511.	18320.	15064.	18252.	14606.	10023.	9733.
	9623.	7019.								
1967	5525.	3705.	2802.	1896.	1290.	1192.	1192.	1192.	1173.	1119.
	1119.	1119.	1119.	1105.	1106.	1106.	1106.	1077.	1037.	1037.
	1037.	965.	882.	882.	882.	882.	771.	771.	790.	910.
	1409.	4044.	14066.	19680.	23533.	22187.	29069.	24227.	23703.	17634.
	17564.	24423.	28466.	21665.	20177.	44209.	24653.	16555.	23511.	13875.
	10087.	7666.								
1968	5636.	4692.	3669.	2797.	2340.	1987.	1881.	1812.	1780.	1740.
	1740.	1669.	1657.	1633.	1634.	1634.	1611.	1552.	1561.	1561.
	1561.	1561.	1560.	1560.	1560.	1560.	1544.	1485.	1556.	1662.
	1787.	2353.	10464.	27061.	21911.	21507.	29938.	30356.	22099.	24724.
	22504.	21723.	20991.	18324.	16541.	13759.	12436.	11024.	9099.	9115.
	5821.	4456.								
1969	4162.	3593.	2768.	2457.	2109.	1631.	1241.	1087.	901.	809.
	767.	724.	687.	658.	640.	598.	598.	598.	587.	599.
	630.	630.	655.	673.	709.	732.	779.	919.	1196.	1696.
	2867.	5116.	9727.	17064.	10209.	11525.	14689.	16092.	14614.	13051.
	16518.	16974.	14188.	11668.	12201.	6318.	5126.	4792.	5256.	4595.
	3939.	3308.								
1970	3018.	2841.	2489.	1680.	1432.	1202.	950.	842.	787.	735.
	699.	694.	694.	656.	656.	628.	617.	618.	628.	589.
	589.	589.	605.	616.	645.	645.	769.	846.	969.	1176.
	1634.	3900.	13817.	12474.	15221.	12989.	12531.	11864.	19977.	20089.
	16855.	18059.	17267.	21606.	18880.	14586.	16486.	11350.	9396.	7477.
	7616.	4244.								
1971	4991.	4166.	3393.	2885.	2923.	2796.	2543.	2249.	2013.	1886.
	1761.	1614.	1446.	1328.	1188.	1080.	950.	880.	821.	746.
	746.	730.	716.	716.	716.	716.	717.	744.	808.	904.
	1098.	1415.	2087.	3683.	6558.	19251.	39740.	24136.	33340.	21395.
	21771.	25092.	16325.	20943.	38945.	34819.	21352.	16880.	19170.	12233.
	9251.	8027.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 4 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT WATANA DAMSITE

1972	6619.	5931.	4501.	3711.	3005.	2717.	2574.	2431.	2311.	2016.
	2016.	1860.	1860.	1790.	1642.	1642.	1642.	1643.	1528.	1465.
	1465.	1403.	1416.	1351.	1351.	1329.	1241.	1241.	1189.	1241.
	2386.	13753.	13553.	18894.	31966.	20142.	35772.	31327.	21178.	22096.
	22084.	19683.	16050.	18343.	19675.	18045.	18653.	12473.	11598.	15857.
	11686.	5278.								
1973	4296.	3976.	5515.	4090.	2727.	2210.	1887.	1738.	1519.	1356.
	1210.	1186.	1186.	1051.	1026.	1026.	1026.	1035.	1008.	1008.
	1008.	929.	868.	868.	868.	868.	879.	879.	879.	929.
	1227.	2355.	8066.	11109.	13811.	17385.	28985.	31344.	20593.	18980.
	18143.	13728.	14810.	15752.	18754.	14942.	19441.	20593.	11210.	7823.
	6605.	5366.								
1974	4607.	3710.	2558.	1938.	1693.	1459.	1344.	1230.	1120.	1028.
	926.	881.	854.	816.	811.	778.	765.	745.	707.	694.
	662.	663.	648.	636.	605.	605.	594.	620.	747.	1189.
	2059.	5341.	9964.	22246.	25280.	16013.	13675.	12785.	13651.	14383.
	17876.	16396.	15766.	14730.	15504.	13265.	10498.	14244.	13395.	7511.
	7590.	9984.								
1975	4537.	4509.	2402.	1602.	1468.	1478.	1478.	1478.	1461.	1264.
	1264.	1264.	1264.	1270.	1203.	1203.	1203.	1200.	1123.	1123.
	1081.	1051.	1040.	1040.	1040.	1040.	1036.	1047.	1142.	1354.
	2133.	5138.	11291.	17252.	23081.	30459.	22880.	28749.	25700.	23413.
	25455.	24131.	22076.	20265.	16199.	15474.	13658.	11762.	9359.	15849.
	14847.	12513.								
1976	7559.	6664.	6139.	3621.	2720.	1937.	1475.	1173.	1011.	925.
	890.	855.	809.	778.	778.	750.	739.	741.	746.	746.
	746.	726.	687.	687.	687.	687.	644.	675.	839.	1402.
	3440.	9778.	9397.	9828.	11375.	23100.	24887.	17525.	16928.	16991.
	16954.	16164.	16576.	20226.	26317.	19534.	15004.	10554.	6302.	5160.
	5190.	5530.								
1977	3729.	3045.	2903.	2576.	2139.	1963.	1839.	1736.	2097.	1902.
	1722.	1583.	1462.	1442.	1400.	1326.	1294.	1257.	1219.	1197.
	1197.	1156.	1106.	1106.	1106.	1106.	1149.	1149.	1211.	1272.
	1314.	2267.	8205.	12588.	19531.	29414.	38957.	31928.	28489.	18502.
	20572.	21740.	18089.	19531.	18939.	17328.	17519.	11066.	8643.	12235.
	11736.	9877.								
1978	6782.	6882.	6046.	4510.	3355.	2862.	2578.	2392.	2223.	2108.
	2015.	1955.	1808.	1741.	1641.	1557.	1496.	1403.	1285.	1247.
	1247.	1212.	1258.	1258.	1258.	1275.	1251.	1251.	1251.	1322.
	3355.	11862.	16195.	10959.	11660.	13979.	19417.	16614.	20703.	19608.
	18215.	18416.	18064.	16600.	15674.	14572.	12160.	8756.	9287.	8372.
	6293.	4696.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 4 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT WATANA DAMSITE

1979	4195.	4701.	3796.	2849.	2736.	2368.	1774.	1558.	1502.	1483.
	1349.	1214.	1170.	1185.	1138.	1138.	1138.	1059.	1067.	1067.
	1067.	989.	1113.	1113.	1113.	1113.	1064.	1113.	1228.	1545.
	2451.	4633.	10811.	17246.	28470.	25470.	21379.	19302.	23880.	22832.
	22584.	27495.	28100.	21732.	20346.	16431.	13993.	12415.	7911.	7704.
1980	11339.	8978.								
	6672.	8469.	5948.	4395.	4084.	3698.	4120.	2949.	2811.	2297.
	2069.	1890.	1711.	1607.	1535.	1451.	1379.	1345.	1285.	1224.
	1176.	1175.	1177.	1177.	1177.	1177.	1122.	1122.	1179.	1604.
	3462.	8212.	11764.	10518.	16714.	25823.	20349.	26351.	22988.	26281.
1981	26663.	28137.	25275.	28150.	19051.	18006.	16331.	11948.	8723.	9329.
	15679.	10243.								
	8532.	7605.	6326.	5214.	3950.	3534.	2637.	2685.	2707.	2175.
	1678.	1578.	1516.	1448.	1684.	1961.	2118.	2142.	1911.	1594.
	1265.	1190.	1194.	1274.	1297.	1314.	1238.	1291.	1373.	1779.
1982	4737.	17566.	17640.	11625.	19077.	16465.	14949.	16085.	18788.	14090.
	33261.	32516.	29007.	31168.	30077.	38871.	30803.	20647.	15158.	12220.
	10197.	8299.								
	5901.	5560.	5713.	6627.	3364.	2845.	2782.	2339.	2057.	1971.
	1860.	1794.	1794.	1697.	1695.	1695.	1695.	1729.	1662.	1213.
1983	881.	767.	826.	826.	874.	1123.	956.	956.	1057.	1403.
	2641.	6274.	11618.	15603.	17916.	21638.	18090.	23883.	23173.	16689.
	20637.	20979.	23533.	20306.	13970.	12157.	10610.	11835.	10670.	13360.
	21010.	11582.								
	7782.	6119.	4982.	2921.	2384.	2252.	2137.	1997.	1944.	1850.
	1850.	1850.	1965.	2201.	1906.	1690.	1588.	1553.	1535.	1650.
	1685.	1583.	1534.	1437.	1389.	1280.	1185.	1208.	1411.	1907.
	3484.	8419.	14537.	12909.	18671.	23758.	17019.	20754.	20568.	22463.
	19352.	16152.	17431.	17935.	22829.	21149.	18683.	22728.	15528.	9607.
	8465.	9728.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

**TABLE 5**

TABLE 5

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT DEVIL CANYON

1951	5002.	4460.	3893.	2221.	1390.	1308.	1227.	1159.	1105.	1029.
	1029.	1029.	1029.	928.	911.	911.	911.	849.	763.	763.
	763.	732.	693.	693.	693.	693.	632.	812.	1247.	2166.
	5578.	16270.	18094.	8982.	15694.	28723.	20708.	13168.	18542.	20078.
	23579.	22556.	20742.	20059.	16216.	17229.	16860.	23677.	28254.	17550.
	18128.	15345.								
1952	8578.	5735.	4169.	3240.	3275.	3051.	2256.	2231.	2060.	1744.
	1744.	1744.	1744.	1547.	1512.	1512.	1512.	1242.	913.	913.
	913.	876.	823.	823.	823.	823.	865.	865.	865.	865.
	1070.	1348.	1844.	3994.	19808.	23151.	32788.	35561.	31470.	26455.
	18796.	24021.	26032.	34530.	22572.	17722.	13454.	15784.	18093.	12236.
	10567.	12646.								
1953	10249.	9557.	6653.	4848.	4640.	3958.	2537.	3109.	2241.	1518.
	1518.	1518.	1518.	1076.	1001.	1001.	1001.	882.	728.	728.
	728.	737.	770.	770.	770.	770.	515.	515.	833.	1384.
	11682.	16151.	14696.	25346.	19715.	32683.	25237.	20543.	24040.	19114.
	17262.	18775.	19518.	24005.	20575.	16487.	16972.	20191.	17049.	15531.
	12951.	9867.								
1954	7420.	6152.	4514.	3597.	2199.	2085.	1928.	1796.	1633.	1374.
	1374.	1374.	1374.	1260.	1236.	1236.	1236.	1105.	923.	923.
	923.	834.	718.	718.	718.	718.	585.	585.	1006.	1076.
	5588.	11134.	18035.	20674.	19401.	23445.	22525.	21603.	26262.	21613.
	17237.	16771.	16771.	29010.	23623.	23623.	23623.	22350.	14288.	12282.
	11456.	7355.								
1955	5953.	5593.	4211.	4211.	3316.	2637.	2487.	2197.	2140.	1995.
	1956.	1723.	1723.	1838.	1855.	1589.	1483.	1401.	1280.	1280.
	1280.	1153.	1010.	1010.	1010.	1010.	962.	962.	962.	962.
	3137.	4150.	4849.	14520.	15954.	19123.	31175.	33822.	31673.	32794.
	27394.	21145.	25282.	22103.	20433.	20965.	25488.	36191.	18609.	14219.
	11555.	9100.								
1956	6868.	5055.	4117.	3547.	2325.	1938.	1781.	1570.	1470.	1197.
	1197.	1197.	1197.	958.	913.	913.	913.	914.	892.	892.
	892.	879.	849.	849.	849.	849.	770.	770.	770.	770.
	2220.	10455.	14922.	29687.	19760.	31174.	40573.	29790.	26263.	27406.
	29885.	30181.	29454.	29030.	26510.	23956.	19099.	16306.	14339.	20101.
	19588.	12547.								
1957	6577.	6577.	4462.	4110.	3399.	2855.	2740.	2587.	2471.	2213.
	2147.	1751.	1751.	1614.	1588.	1588.	1588.	1509.	1396.	1396.
	1396.	1263.	1088.	1088.	1088.	1088.	974.	974.	974.	974.
	2998.	5240.	8557.	19170.	28186.	35489.	31359.	27825.	19052.	21995.
	20209.	22658.	24581.	19770.	19771.	19663.	18031.	19953.	17237.	18813.
	18292.	17567.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 5 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT DEVIL CANYON

1958	9403.	8067.	6579.	6784.	4885.	4021.	3443.	2831.	3221.	3868.
	3300.	2460.	1998.	2228.	1953.	1703.	1611.	1331.	1333.	1201.
	1109.	1111.	1138.	1110.	1042.	1042.	1071.	1198.	1299.	1575.
	3551.	7050.	9849.	18752.	20003.	27116.	27116.	23381.	21304.	20248.
	20248.	20248.	19851.	36827.	26997.	20048.	16251.	11239.	7737.	7737.
	6008.	6007.								
1959	5540.	4873.	4662.	3236.	2770.	2388.	2035.	1563.	1405.	985.
	1086.	1699.	1699.	1403.	1351.	1288.	1262.	1276.	1278.	1226.
	1096.	997.	865.	865.	865.	865.	831.	831.	1187.	1246.
	2471.	4043.	17261.	24455.	19652.	23860.	17822.	21239.	23769.	24645.
	23659.	25632.	20245.	21943.	17188.	22064.	40756.	39763.	25835.	13349.
	10026.	9459.								
1960	10007.	6913.	3803.	4751.	3192.	2716.	2599.	2444.	2322.	1995.
	1995.	1995.	1995.	1857.	1835.	1637.	1559.	1474.	1378.	1351.
	1286.	1247.	1205.	1152.	1019.	1019.	790.	790.	1035.	1077.
	5345.	7566.	14617.	22750.	23524.	13128.	13610.	14093.	15491.	22156.
	16426.	18898.	25911.	30054.	23404.	20681.	19984.	19226.	16823.	26586.
	18844.	14112.								
1961	11591.	8418.	5986.	4360.	3269.	2981.	2749.	2439.	2508.	2634.
	2583.	2271.	2271.	2211.	2203.	2268.	2294.	1988.	1604.	1578.
	1516.	1446.	1352.	1505.	1891.	1891.	1996.	1996.	2201.	2235.
	6581.	12101.	20940.	19947.	18628.	17325.	28298.	35357.	29708.	21299.
	22357.	23150.	23984.	24592.	25061.	21399.	20310.	15053.	11262.	12778.
	12169.	12256.								
1962	9801.	4324.	4324.	4324.	3274.	2458.	2458.	2458.	2321.	1960.
	1960.	1960.	1960.	1837.	1815.	1815.	1815.	1634.	1392.	1392.
	1392.	1359.	1316.	1316.	1316.	1316.	1486.	1486.	1486.	1486.
	3391.	4173.	11325.	16690.	26822.	28876.	56010.	47891.	33902.	26163.
	25543.	22258.	26163.	24614.	21799.	21799.	21799.	22209.	22008.	13899.
	11257.	11332.								
1963	8737.	6653.	5797.	5238.	3522.	2607.	2607.	2607.	2410.	1872.
	1872.	1872.	1872.	1540.	1490.	1490.	1490.	1465.	1414.	1414.
	1414.	1188.	933.	933.	933.	933.	693.	693.	693.	693.
	2460.	3320.	18714.	30261.	34055.	23383.	23383.	23383.	23383.	28908.
	37368.	35407.	30234.	26872.	24729.	21455.	22691.	19122.	14318.	12804.
	10239.	9083.								
1964	8327.	7011.	5737.	4347.	2658.	2374.	2100.	1736.	1690.	1576.
	1523.	1205.	1205.	1047.	1020.	954.	926.	934.	942.	922.
	876.	802.	707.	679.	606.	606.	674.	674.	730.	740.
	590.	604.	809.	1790.	20029.	74483.	51153.	42687.	30872.	24270.
	25009.	23601.	16194.	18729.	17736.	14300.	15247.	12880.	10489.	8548.
	8595.	7361.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 5. (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT DEVIL CANYON

1965	7044.	7883.	5159.	4104.	2914.	2687.	2659.	2963.	1906.	1271.
	1133.	1030.	1030.	943.	928.	928.	928.	880.	820.	820.
	820.	841.	870.	870.	870.	870.	1115.	1115.	1406.	1454.
	1899.	5130.	8925.	16084.	31961.	20514.	21916.	20942.	30826.	28458.
	28698.	26730.	23181.	20872.	18586.	28711.	19247.	10693.	15833.	19452.
	17801.	20591.								
1966	13634.	7579.	3550.	2937.	2500.	2042.	1804.	1721.	1656.	1554.
	1503.	1442.	1388.	1298.	1281.	1281.	1281.	1238.	1180.	1180.
	1180.	1184.	1187.	1187.	1187.	1187.	1317.	1317.	1731.	1800.
	2714.	3540.	6557.	12569.	19703.	44111.	31569.	26668.	22505.	17390.
	16564.	17337.	19615.	26089.	21345.	17552.	21266.	17016.	11802.	11462.
	11331.	8267.								
1967	6487.	4350.	3288.	2227.	1568.	1446.	1446.	1446.	1422.	1361.
	1361.	1361.	1361.	1362.	1363.	1363.	1363.	1325.	1275.	1275.
	1275.	1188.	1078.	1078.	1078.	1078.	963.	963.	989.	1138.
	1624.	4649.	16169.	22624.	27061.	24918.	32648.	27209.	26620.	20076.
	19995.	27805.	32408.	25176.	23405.	51282.	28599.	19229.	27035.	15955.
	11597.	8813.								
1968	6430.	5353.	4187.	3191.	2670.	2265.	2145.	2064.	2026.	1969.
	1969.	1888.	1875.	1868.	1869.	1869.	1842.	1776.	1779.	1779.
	1779.	1779.	1779.	1779.	1779.	1779.	1750.	1684.	1764.	1883.
	2087.	2748.	12217.	31597.	25614.	24621.	34274.	34753.	25300.	27823.
	25325.	24447.	23623.	20824.	18816.	15653.	14145.	12539.	10453.	10471.
	6687.	5120.								
1969	4751.	4102.	3160.	2805.	2386.	1844.	1404.	1229.	1017.	896.
	849.	801.	761.	731.	711.	663.	663.	663.	660.	673.
	707.	707.	735.	755.	796.	822.	878.	1036.	1348.	1912.
	3208.	5727.	10892.	19104.	11446.	12312.	15692.	17191.	15610.	13725.
	17372.	17848.	14921.	12703.	13327.	6903.	5598.	5234.	5924.	5179.
	4441.	3729.								
1970	3613.	3401.	2979.	2011.	1615.	1349.	1065.	943.	883.	840.
	799.	793.	793.	780.	781.	748.	735.	735.	739.	693.
	693.	693.	698.	711.	745.	745.	811.	893.	1021.	1240.
	1833.	4383.	15525.	14018.	17146.	15505.	14957.	14162.	23845.	23076.
	19362.	20745.	19835.	24759.	21655.	16732.	18910.	13021.	10994.	8748.
	8910.	4967.								
1971	6293.	5253.	4279.	3638.	3621.	3449.	3138.	2775.	2486.	2321.
	2166.	1986.	1779.	1597.	1429.	1298.	1140.	1059.	999.	908.
	908.	889.	865.	865.	865.	865.	870.	903.	980.	1096.
	1312.	1700.	2506.	4424.	7861.	21610.	44612.	27094.	37428.	23189.
	23596.	27197.	17694.	23161.	43006.	38447.	23577.	18657.	21459.	13693.
	10354.	8985.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 5 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT DEVIL CANYON

1972	7354.	6590.	5002.	4124.	3386.	3056.	2896.	2735.	2602.	2389.
	2389.	2205.	2205.	2182.	2001.	2001.	2001.	2000.	1885.	1807.
	1807.	1730.	1718.	1639.	1639.	1613.	1483.	1483.	1422.	1483.
	2946.	17070.	16823.	23452.	39387.	23332.	41437.	36288.	24532.	24274.
	24261.	21623.	17632.	19568.	20953.	19219.	19865.	13290.	12589.	17212.
	12685.	5728.								
1973	4631.	4286.	5945.	4409.	2970.	2408.	2056.	1894.	1654.	1511.
	1349.	1321.	1321.	1162.	1134.	1134.	1134.	1142.	1142.	1142.
	1142.	1050.	945.	945.	945.	945.	949.	949.	949.	1003.
	1329.	2552.	8737.	12035.	14974.	19248.	32089.	34700.	22798.	20385.
	19488.	14744.	15905.	17030.	20275.	16155.	21018.	22260.	12074.	8425.
	7115.	5779.								
1974	5275.	4249.	2930.	2220.	1835.	1574.	1450.	1328.	1218.	1099.
	989.	941.	913.	876.	870.	835.	822.	798.	765.	751.
	717.	718.	714.	700.	666.	666.	639.	665.	802.	1279.
	2387.	6225.	11611.	25921.	29383.	18109.	15463.	14457.	15436.	16001.
	19887.	18241.	17539.	16605.	17493.	14966.	11844.	16072.	15586.	8738.
	8830.	11618.								
1975	5158.	5126.	2732.	1822.	1618.	1622.	1622.	1622.	1607.	1479.
	1479.	1479.	1479.	1473.	1394.	1394.	1394.	1393.	1365.	1365.
	1313.	1274.	1272.	1272.	1272.	1272.	1248.	1260.	1375.	1630.
	2559.	6184.	13592.	20770.	27708.	34462.	25886.	32527.	29079.	26155.
	28436.	26957.	24660.	22789.	18242.	17426.	15380.	13252.	10858.	18386.
	17223.	14515.								
1976	9346.	8243.	7593.	4478.	3159.	2241.	1707.	1356.	1167.	1063.
	1023.	983.	930.	920.	921.	888.	875.	876.	880.	880.
	880.	856.	822.	822.	822.	822.	756.	792.	983.	1643.
	4311.	12374.	11892.	12436.	14396.	26245.	28274.	19909.	19234.	18276.
	18235.	17385.	17831.	21250.	27600.	20486.	15736.	11079.	7164.	5867.
	5902.	6285.								
1977	4442.	3626.	3458.	3068.	2652.	2438.	2285.	2156.	2600.	2429.
	2200.	2020.	1867.	1772.	1720.	1629.	1590.	1543.	1487.	1461.
	1461.	1415.	1355.	1355.	1355.	1355.	1438.	1438.	1516.	1592.
	1712.	2974.	10764.	16515.	25448.	33191.	43962.	36028.	32148.	20430.
	22716.	24005.	19973.	21372.	20695.	18935.	19143.	12101.	9714.	13751.
	13190.	11099.								
1978	8112.	8229.	7232.	5395.	4079.	3474.	3131.	2904.	2692.	2523.
	2412.	2340.	2163.	2060.	1942.	1843.	1770.	1663.	1548.	1503.
	1503.	1460.	1478.	1478.	1478.	1498.	1441.	1441.	1441.	1522.
	3504.	12344.	16853.	11404.	12150.	14917.	20720.	17729.	22092.	21324.
	19810.	20028.	19646.	18935.	17917.	16659.	13901.	10010.	10516.	9480.
	7126.	5317.								

1/ Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

TABLE 5 (Continued)

COMPUTED WEEKLY FLOWS<sup>1/</sup> FOR SUSITNA RIVER AT DEVIL CANYON

1979	5005.	5607.	4528.	3398.	3267.	2830.	2121.	1862.	1792.	1748.
	1591.	1433.	1381.	1359.	1306.	1306.	1306.	1213.	1218.	1218.
	1218.	1126.	1169.	1169.	1169.	1169.	1131.	1184.	1305.	1640.
	2638.	4998.	11662.	18604.	30663.	26683.	22397.	20220.	25018.	25082.
	24811.	30205.	30868.	24867.	23326.	18838.	16043.	14232.	8834.	8606.
	12663.	10027.								
1980	7486.	9501.	6673.	4930.	4588.	4148.	4621.	3309.	3151.	2576.
	2321.	2119.	1918.	1801.	1722.	1628.	1547.	1507.	1440.	1372.
	1319.	1320.	1321.	1321.	1321.	1321.	1260.	1260.	1324.	1800.
	3875.	9212.	13196.	11801.	18768.	28973.	22831.	29565.	25792.	29501.
	29933.	31585.	28372.	31440.	21402.	20230.	18346.	13413.	9786.	10465.
	17592.	11492.								
1981	9434.	8409.	6994.	5765.	4389.	3929.	2932.	2985.	2998.	2216.
	1710.	1608.	1546.	1524.	1775.	2066.	2232.	2262.	2240.	1868.
	1484.	1391.	1391.	1484.	1510.	1529.	1449.	1510.	1608.	2083.
	5196.	19239.	19321.	12733.	20884.	18091.	16425.	17674.	20644.	16157.
	38138.	37283.	33258.	36067.	34704.	44852.	35541.	23832.	16893.	13620.
	11366.	9251.								
1982	6569.	6190.	6361.	7376.	4141.	3513.	3436.	2889.	2534.	2328.
	2193.	2115.	2115.	2084.	2083.	2083.	2083.	2106.	2111.	1542.
	1119.	982.	1001.	1001.	1060.	1363.	1286.	1286.	1420.	1886.
	3035.	7207.	13345.	17920.	20543.	24650.	20609.	27209.	26402.	18710.
	23136.	23521.	26386.	22303.	15386.	13388.	11684.	13035.	12548.	15713.
	24712.	13620.								
1983	9491.	7464.	6077.	3562.	2760.	2590.	2458.	2297.	2235.	2142.
	2142.	2142.	2274.	2569.	2225.	1974.	1854.	1813.	1769.	1902.
	1942.	1821.	1710.	1602.	1548.	1427.	1341.	1366.	1596.	2158.
	4096.	9947.	17176.	15253.	21996.	26445.	18942.	23102.	22894.	24232.
	20875.	17423.	18801.	19944.	25388.	23520.	20778.	25284.	17691.	10946.
	9644.	11085.								

<sup>1/</sup> Weekly flows start from week 1 (Oct 1-7) to week 52 (Sept. 23-30), the flow for week 52 is the total flow between Sept. 23 and 30 divided by 8.

**TABLE 6**

TABLE 6

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1951 1	4521.	4572.	0.	0.	4572.	2185.0	481.	5053.
2	4029.	5032.	0.	0.	5032.	2184.6	431.	5463.
3	3518.	5918.	0.	0.	5918.	2183.7	375.	6293.
4	2007.	5799.	0.	0.	5799.	2182.2	214.	6013.
5	1248.	6072.	0.	0.	6072.	2180.4	142.	6214.
6	1176.	6338.	0.	0.	6338.	2178.5	132.	6470.
7	1103.	6597.	0.	0.	6597.	2176.4	124.	6721.
8	1042.	6857.	0.	0.	6857.	2174.2	117.	6974.
9	994.	7108.	0.	0.	7108.	2171.8	111.	7219.
10	903.	7429.	0.	0.	7429.	2169.4	126.	7555.
11	903.	7587.	0.	0.	7587.	2166.8	126.	7713.
12	903.	7361.	0.	0.	7361.	2164.4	126.	7487.
13	903.	6957.	0.	0.	6957.	2162.1	126.	7083.
14	828.	6762.	0.	0.	6762.	2159.8	100.	6862.
15	812.	6743.	0.	0.	6743.	2157.6	99.	6842.
16	812.	6719.	0.	0.	6719.	2155.3	99.	6818.
17	812.	6694.	0.	0.	6694.	2153.1	99.	6793.
18	757.	6668.	0.	0.	6668.	2150.8	92.	6760.
19	667.	6670.	0.	0.	6670.	2148.3	96.	6766.
20	667.	6629.	0.	0.	6629.	2145.6	96.	6725.
21	667.	6589.	0.	0.	6589.	2142.9	96.	6685.
22	641.	6509.	0.	0.	6509.	2140.3	91.	6600.
23	618.	6205.	0.	0.	6205.	2137.8	75.	6280.
24	618.	5996.	0.	0.	5996.	2135.4	75.	6071.
25	618.	5787.	0.	0.	5787.	2133.0	75.	5862.
26	618.	5667.	0.	0.	5667.	2130.8	75.	5742.
27	542.	5575.	0.	0.	5575.	2128.5	90.	5665.
28	700.	5399.	0.	0.	5399.	2126.4	112.	5511.
29	1071.	5200.	0.	0.	5200.	2124.5	176.	5376.
30	1861.	4970.	0.	0.	4970.	2123.1	305.	5275.
31	4923.	4554.	0.	0.	4554.	2123.3	655.	5209.
32	14338.	3858.	0.	0.	3858.	2128.0	1932.	5790.
33	15945.	3676.	0.	0.	3676.	2133.5	2149.	5825.
34	7915.	3900.	0.	0.	3900.	2135.3	1067.	4967.
35	13828.	3894.	0.	0.	3894.	2139.8	1866.	5760.
36	26696.	1306.	0.	0.	1306.	2151.0	2027.	3333.
37	19247.	1038.	5652.	0.	6690.	2155.8	1461.	8151.
38	12238.	738.	6957.	0.	7695.	2157.5	930.	8625.
39	17232.	708.	6453.	0.	7161.	2161.4	1310.	8471.
40	18464.	519.	6216.	0.	6735.	2165.8	1614.	8349.
41	21682.	574.	5765.	0.	6339.	2171.6	1897.	8236.
42	20740.	506.	5948.	0.	6454.	2177.1	1816.	8270.
43	19074.	465.	6195.	0.	6660.	2181.8	1668.	8328.
44	17891.	1273.	0.	8173.	9445.	2185.0	2168.	11613.
45	14413.	0.	0.	14413.	14413.	2185.0	1803.	16216.
46	15312.	0.	0.	15312.	15312.	2185.0	1917.	17229.
47	14985.	0.	0.	14985.	14985.	2185.0	1875.	16860.
48	21048.	0.	0.	21048.	21048.	2185.0	2629.	23677.
49	24531.	531.	0.	24000.	24531.	2185.0	3723.	28254.
50	15237.	0.	0.	15237.	15237.	2185.0	2313.	17550.
51	15738.	0.	0.	15738.	15738.	2185.0	2390.	18128.
52	13323.	0.	0.	13323.	13323.	2185.0	2022.	15345.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONE VALVE ENVIRON. RELEASE	OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1952 1	7559.	2225.	0.	5334.	7559.	2185.0	1019.	8578.
2	5055.	5057.	0.	0.	5057.	2185.0	680.	5737.
3	3674.	5403.	0.	0.	5403.	2184.3	495.	5898.
4	2855.	5718.	0.	0.	5718.	2183.3	385.	6103.
5	2793.	5912.	0.	0.	5912.	2182.1	482.	6394.
6	2609.	6189.	0.	0.	6189.	2180.7	442.	6631.
7	1928.	6493.	0.	0.	6493.	2179.0	328.	6821.
8	1908.	6750.	0.	0.	6750.	2177.1	323.	7073.
9	1761.	7006.	0.	0.	7006.	2175.1	299.	7305.
10	1489.	7352.	0.	0.	7352.	2172.9	255.	7607.
11	1489.	7508.	0.	0.	7508.	2170.6	255.	7763.
12	1489.	7281.	0.	0.	7281.	2168.4	255.	7536.
13	1489.	6877.	0.	0.	6877.	2166.4	255.	7132.
14	1329.	6687.	0.	0.	6687.	2164.3	218.	6905.
15	1299.	6669.	0.	0.	6669.	2162.3	213.	6882.
16	1299.	6643.	0.	0.	6643.	2160.3	213.	6856.
17	1299.	6617.	0.	0.	6617.	2158.3	213.	6830.
18	1069.	6605.	0.	0.	6605.	2156.2	173.	6779.
19	819.	6644.	0.	0.	6644.	2153.9	94.	6738.
20	819.	6602.	0.	0.	6602.	2151.7	94.	6696.
21	819.	6559.	0.	0.	6559.	2149.5	94.	6653.
22	784.	6474.	0.	0.	6474.	2146.9	92.	6566.
23	730.	6161.	0.	0.	6161.	2144.5	93.	6254.
24	730.	5953.	0.	0.	5953.	2142.1	93.	6046.
25	730.	5745.	0.	0.	5745.	2139.9	93.	5838.
26	730.	5625.	0.	0.	5625.	2137.7	93.	5718.
27	796.	5552.	0.	0.	5552.	2135.5	69.	5621.
28	796.	5386.	0.	0.	5386.	2133.5	69.	5455.
29	796.	5219.	0.	0.	5219.	2131.5	69.	5288.
30	796.	5053.	0.	0.	5053.	2129.6	69.	5122.
31	909.	4766.	0.	0.	4766.	2127.8	161.	4927.
32	1132.	4667.	0.	0.	4667.	2126.2	216.	4883.
33	1549.	3756.	0.	0.	3756.	2125.3	295.	4051.
34	3357.	3898.	0.	0.	3898.	2125.0	637.	4535.
35	16784.	4449.	0.	0.	4449.	2130.6	3024.	7473.
36	19892.	2035.	0.	0.	2035.	2138.6	3259.	5294.
37	28174.	2504.	0.	0.	2504.	2150.1	4614.	7118.
38	30555.	2517.	0.	0.	2517.	2160.8	5006.	7523.
39	27039.	2071.	0.	0.	2071.	2170.2	4431.	6502.
40	23527.	894.	0.	0.	894.	2178.8	2928.	3822.
41	16714.	617.	5103.	0.	5720.	2183.0	2082.	7802.
42	21361.	0.	0.	16157.	16157.	2185.0	2660.	18817.
43	23150.	0.	0.	23150.	23150.	2185.0	2882.	26032.
44	30727.	6727.	0.	24000.	30727.	2185.0	3803.	34530.
45	19888.	0.	0.	19888.	19888.	2185.0	2684.	22572.
46	15618.	0.	0.	15618.	15618.	2185.0	2104.	17722.
47	11855.	0.	0.	11855.	11855.	2185.0	1599.	13454.
48	13935.	0.	0.	13935.	13935.	2185.0	1849.	15784.
49	15561.	0.	0.	15561.	15561.	2185.0	2532.	18093.
50	10522.	0.	0.	10522.	10522.	2185.0	1714.	12236.
51	9086.	0.	0.	9086.	9086.	2185.0	1481.	10567.
52	10876.	0.	0.	10876.	10876.	2185.0	1770.	12646.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1953 1	8559.	843.	0.	7716.	8559.	2185.0	1690.	10249.
2	7982.	1893.	0.	6089.	7982.	2185.0	1575.	9557.
3	5556.	4775.	0.	781.	5556.	2185.0	1097.	6653.
4	4049.	5526.	0.	0.	5526.	2184.4	799.	6325.
5	3948.	5811.	0.	0.	5811.	2183.7	692.	6503.
6	3377.	6118.	0.	0.	6118.	2182.7	581.	6699.
7	2164.	6464.	0.	0.	6464.	2181.1	373.	6837.
8	2652.	6678.	0.	0.	6678.	2179.5	457.	7135.
9	1913.	6981.	0.	0.	6981.	2177.6	328.	7309.
10	1250.	7334.	0.	0.	7334.	2175.3	268.	7602.
11	1250.	7490.	0.	0.	7490.	2172.9	268.	7758.
12	1250.	7264.	0.	0.	7264.	2170.6	268.	7532.
13	1250.	6861.	0.	0.	6861.	2168.5	268.	7129.
14	880.	6687.	0.	0.	6687.	2166.3	196.	6883.
15	820.	6675.	0.	0.	6675.	2164.1	181.	6855.
16	820.	6650.	0.	0.	6650.	2161.9	181.	6831.
17	820.	6625.	0.	0.	6625.	2159.7	181.	6806.
18	722.	6605.	0.	0.	6605.	2157.4	160.	6765.
19	598.	6622.	0.	0.	6622.	2155.1	130.	6752.
20	598.	6580.	0.	0.	6580.	2152.9	130.	6710.
21	598.	6537.	0.	0.	6537.	2150.6	130.	6667.
22	606.	6451.	0.	0.	6451.	2148.1	131.	6582.
23	678.	6157.	0.	0.	6157.	2145.6	92.	6249.
24	678.	5948.	0.	0.	5948.	2143.3	92.	6040.
25	678.	5740.	0.	0.	5740.	2141.0	92.	5832.
26	678.	5620.	0.	0.	5620.	2138.8	92.	5712.
27	486.	5566.	0.	0.	5566.	2136.5	29.	5595.
28	486.	5401.	0.	0.	5401.	2134.3	29.	5430.
29	785.	5225.	0.	0.	5225.	2132.3	48.	5273.
30	1308.	5046.	0.	0.	5046.	2130.6	76.	5122.
31	10007.	4038.	0.	0.	4038.	2133.3	1675.	5713.
32	13666.	3565.	0.	0.	3565.	2137.8	2485.	6050.
33	12435.	3595.	0.	0.	3595.	2141.8	2261.	5856.
34	21448.	2752.	0.	0.	2752.	2150.2	3898.	6650.
35	16652.	3083.	0.	0.	3083.	2155.3	3063.	6146.
36	27821.	2197.	0.	0.	2197.	2165.1	4862.	7059.
37	21482.	2005.	0.	0.	2005.	2172.4	3755.	5760.
38	17488.	1622.	0.	0.	1622.	2178.5	3055.	4677.
39	20466.	1700.	0.	1592.	3292.	2185.0	3574.	6866.
40	17377.	0.	0.	17377.	17377.	2185.0	1737.	19114.
41	15695.	0.	0.	15695.	15695.	2185.0	1567.	17262.
42	17070.	0.	0.	17070.	17070.	2185.0	1705.	18775.
43	17745.	0.	0.	17745.	17745.	2185.0	1773.	19518.
44	20931.	0.	0.	20931.	20931.	2185.0	3074.	24005.
45	17859.	0.	0.	17859.	17859.	2185.0	2716.	20575.
46	14312.	0.	0.	14312.	14312.	2185.0	2175.	16487.
47	14731.	0.	0.	14731.	14731.	2185.0	2241.	16972.
48	17519.	0.	0.	17519.	17519.	2185.0	2672.	20191.
49	14058.	0.	0.	14058.	14058.	2185.0	2991.	17049.
50	12806.	0.	0.	12806.	12806.	2185.0	2725.	15531.
51	10679.	0.	0.	10679.	10679.	2185.0	2272.	12951.
52	8137.	641.	0.	7496.	8137.	2185.0	1730.	9867.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1954 1	6126.	3184.	0.	2943.	6126.	2185.0	1294.	7420.
2	5080.	4713.	0.	367.	5080.	2185.0	1072.	6152.
3	3728.	5271.	0.	0.	5271.	2184.4	786.	6057.
4	2971.	5608.	0.	0.	5608.	2183.4	626.	6234.
5	1821.	5959.	0.	0.	5959.	2181.8	378.	6337.
6	1738.	6234.	0.	0.	6234.	2180.1	347.	6581.
7	1608.	6500.	0.	0.	6500.	2178.3	320.	6820.
8	1497.	6765.	0.	0.	6765.	2176.3	299.	7064.
9	1361.	7023.	0.	0.	7023.	2174.1	272.	7295.
10	1174.	7383.	0.	0.	7383.	2171.8	200.	7583.
11	1174.	7540.	0.	0.	7540.	2169.3	200.	7740.
12	1174.	7314.	0.	0.	7314.	2167.0	200.	7514.
13	1174.	6910.	0.	0.	6910.	2164.8	200.	7110.
14	1120.	6730.	0.	0.	6730.	2162.7	140.	6870.
15	1099.	6712.	0.	0.	6712.	2160.6	137.	6849.
16	1099.	6687.	0.	0.	6687.	2158.4	137.	6824.
17	1099.	6661.	0.	0.	6661.	2156.3	137.	6798.
18	982.	6638.	0.	0.	6638.	2154.2	123.	6761.
19	794.	6638.	0.	0.	6638.	2152.0	129.	6767.
20	794.	6595.	0.	0.	6595.	2149.7	129.	6724.
21	794.	6553.	0.	0.	6553.	2147.1	129.	6682.
22	716.	6473.	0.	0.	6473.	2144.5	118.	6591.
23	630.	6176.	0.	0.	6176.	2142.0	88.	6264.
24	630.	5968.	0.	0.	5968.	2139.6	88.	6056.
25	630.	5759.	0.	0.	5759.	2137.3	88.	5847.
26	630.	5640.	0.	0.	5640.	2135.1	88.	5728.
27	506.	5560.	0.	0.	5560.	2132.8	79.	5639.
28	506.	5394.	0.	0.	5394.	2130.6	79.	5473.
29	870.	5200.	0.	0.	5200.	2128.7	136.	5336.
30	930.	5029.	0.	0.	5029.	2126.8	146.	5175.
31	4308.	4243.	0.	0.	4243.	2126.9	1280.	5523.
32	8521.	3527.	0.	0.	3527.	2129.1	2613.	6140.
33	13802.	2690.	0.	0.	2690.	2134.1	4233.	6923.
34	15823.	2325.	0.	0.	2325.	2140.2	4851.	7176.
35	14807.	2390.	0.	0.	2390.	2145.8	4594.	6984.
36	19799.	2291.	0.	0.	2291.	2153.1	3646.	5937.
37	19022.	2094.	0.	0.	2094.	2159.5	3503.	5597.
38	18245.	1936.	0.	0.	1936.	2165.7	3358.	5294.
39	22178.	2119.	0.	0.	2119.	2173.3	4084.	6203.
40	19307.	2340.	1298.	0.	3637.	2179.3	2306.	5943.
41	15396.	1816.	3052.	0.	4867.	2183.3	1841.	6708.
42	14981.	1422.	0.	8981.	10403.	2185.0	1790.	12193.
43	14981.	0.	0.	14981.	14981.	2185.0	1790.	16771.
44	24614.	614.	0.	24000.	24614.	2185.0	4396.	29010.
45	20049.	0.	0.	20049.	20049.	2185.0	3574.	23623.
46	20049.	0.	0.	20049.	20049.	2185.0	3574.	23623.
47	20049.	0.	0.	20049.	20049.	2185.0	3574.	23623.
48	18930.	0.	0.	18930.	18930.	2185.0	3420.	22350.
49	11256.	0.	0.	11256.	11256.	2185.0	3032.	14288.
50	9676.	0.	0.	9676.	9676.	2185.0	2606.	12282.
51	9025.	0.	0.	9025.	9025.	2185.0	2431.	11456.
52	5793.	2720.	0.	3073.	5793.	2185.0	1562.	7355.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1955 1	4746.	4401.	0.	346.	4746.	2185.0	1207.	5953.
2	4461.	4853.	0.	0.	4853.	2184.9	1132.	5985.
3	3359.	5242.	0.	0.	5242.	2184.1	852.	6094.
4	3359.	5506.	0.	0.	5506.	2183.3	852.	6358.
5	2716.	5858.	0.	0.	5858.	2182.1	600.	6458.
6	2156.	6171.	0.	0.	6171.	2180.6	481.	6652.
7	2032.	6436.	0.	0.	6436.	2178.9	455.	6891.
8	1796.	6715.	0.	0.	6715.	2177.1	401.	7116.
9	1756.	6968.	0.	0.	6968.	2175.1	384.	7352.
10	1657.	7314.	0.	0.	7314.	2172.9	338.	7652.
11	1624.	7473.	0.	0.	7473.	2170.7	332.	7805.
12	1431.	7264.	0.	0.	7264.	2168.5	292.	7556.
13	1431.	6860.	0.	0.	6860.	2166.4	292.	7152.
14	1546.	6652.	0.	0.	6652.	2164.5	292.	6944.
15	1561.	6630.	0.	0.	6630.	2162.6	294.	6924.
16	1338.	6624.	0.	0.	6624.	2160.6	251.	6875.
17	1249.	6606.	0.	0.	6606.	2158.5	234.	6840.
18	1179.	6582.	0.	0.	6582.	2156.5	222.	6804.
19	1052.	6581.	0.	0.	6581.	2154.4	228.	6809.
20	1052.	6537.	0.	0.	6537.	2152.3	228.	6765.
21	1052.	6494.	0.	0.	6494.	2150.2	228.	6722.
22	949.	6418.	0.	0.	6418.	2147.8	204.	6622.
23	879.	6140.	0.	0.	6140.	2145.4	131.	6271.
24	879.	5931.	0.	0.	5931.	2143.2	131.	6062.
25	879.	5722.	0.	0.	5722.	2141.0	131.	5853.
26	879.	5602.	0.	0.	5602.	2138.9	131.	5733.
27	828.	5516.	0.	0.	5516.	2136.8	134.	5650.
28	828.	5350.	0.	0.	5350.	2134.7	134.	5484.
29	828.	5182.	0.	0.	5182.	2132.8	134.	5316.
30	828.	5017.	0.	0.	5017.	2130.9	134.	5151.
31	2519.	4543.	0.	0.	4543.	2130.0	618.	5161.
32	3321.	4366.	0.	0.	4366.	2129.5	829.	5195.
33	3882.	3891.	0.	0.	3891.	2129.5	967.	4858.
34	11626.	3610.	0.	0.	3610.	2133.1	2894.	6504.
35	12771.	3069.	0.	0.	3069.	2137.5	3183.	6252.
36	17007.	1613.	0.	0.	1613.	2144.4	2116.	3729.
37	27727.	2207.	339.	0.	2546.	2154.8	3448.	5993.
38	30081.	2214.	910.	0.	3124.	2165.1	3741.	6865.
39	28168.	1918.	1580.	0.	3497.	2174.4	3505.	7002.
40	29660.	1116.	3358.	0.	4474.	2184.0	3134.	7608.
41	24776.	0.	0.	22150.	22150.	2185.0	2618.	24768.
42	19124.	0.	0.	19124.	19124.	2185.0	2021.	21145.
43	22869.	0.	0.	22869.	22869.	2185.0	2413.	25282.
44	20805.	0.	0.	20805.	20805.	2185.0	1298.	22103.
45	19270.	0.	0.	19270.	19270.	2185.0	1163.	20433.
46	19771.	0.	0.	19771.	19771.	2185.0	1194.	20965.
47	24039.	39.	0.	24000.	24039.	2185.0	1449.	25488.
48	34146.	8139.	0.	24000.	32139.	2185.8	2045.	34184.
49	17921.	0.	0.	19928.	19928.	2185.0	688.	20616.
50	13691.	0.	0.	13691.	13691.	2185.0	528.	14219.
51	11128.	0.	0.	11128.	11128.	2185.0	427.	11555.
52	8763.	1276.	0.	7487.	8763.	2185.0	337.	9100.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1956 1	6059.	3641.	0.	2418.	6059.	2185.0	809.	6868.
2	4461.	5066.	0.	0.	5066.	2184.8	594.	5660.
3	3633.	5440.	0.	0.	5440.	2184.1	484.	5924.
4	3129.	5704.	0.	0.	5704.	2183.1	418.	6122.
5	2062.	6013.	0.	0.	6013.	2181.6	263.	6276.
6	1721.	6294.	0.	0.	6294.	2179.9	217.	6511.
7	1581.	6556.	0.	0.	6556.	2178.0	200.	6756.
8	1393.	6822.	0.	0.	6822.	2175.9	177.	6999.
9	1306.	7074.	0.	0.	7074.	2173.7	164.	7238.
10	1027.	7399.	0.	0.	7399.	2171.3	170.	7569.
11	1027.	7556.	0.	0.	7556.	2168.8	170.	7726.
12	1027.	7330.	0.	0.	7330.	2166.4	170.	7500.
13	1027.	6926.	0.	0.	6926.	2164.2	170.	7096.
14	848.	6747.	0.	0.	6747.	2161.9	110.	6857.
15	810.	6731.	0.	0.	6731.	2159.7	103.	6834.
16	810.	6707.	0.	0.	6707.	2157.5	103.	6810.
17	810.	6682.	0.	0.	6682.	2155.2	103.	6785.
18	809.	6652.	0.	0.	6652.	2153.0	105.	6757.
19	750.	6637.	0.	0.	6637.	2150.8	142.	6779.
20	750.	6595.	0.	0.	6595.	2148.3	142.	6737.
21	750.	6554.	0.	0.	6554.	2145.7	142.	6696.
22	739.	6470.	0.	0.	6470.	2143.1	140.	6610.
23	689.	6150.	0.	0.	6150.	2140.6	160.	6310.
24	689.	5942.	0.	0.	5942.	2138.3	160.	6102.
25	689.	5732.	0.	0.	5732.	2136.0	160.	5892.
26	689.	5612.	0.	0.	5612.	2133.8	160.	5772.
27	641.	5542.	0.	0.	5542.	2131.6	129.	5671.
28	641.	5376.	0.	0.	5376.	2129.5	129.	5505.
29	641.	5209.	0.	0.	5209.	2127.4	129.	5338.
30	641.	5043.	0.	0.	5043.	2125.4	129.	5172.
31	1798.	4658.	0.	0.	4658.	2124.1	422.	5080.
32	8483.	3840.	0.	0.	3840.	2126.2	1972.	5812.
33	12106.	3368.	0.	0.	3368.	2130.2	2816.	6184.
34	24085.	1976.	0.	0.	1976.	2140.1	5602.	7578.
35	15966.	2763.	0.	0.	2763.	2146.0	3794.	6557.
36	27294.	2520.	0.	0.	2520.	2156.1	3880.	6400.
37	35522.	2192.	0.	0.	2192.	2168.7	5051.	7243.
38	26081.	2135.	0.	0.	2135.	2177.8	3709.	5844.
39	22994.	1755.	0.	2352.	4107.	2185.0	3269.	7376.
40	24335.	335.	0.	24000.	24335.	2185.0	3071.	27406.
41	26536.	2536.	0.	24000.	26536.	2185.0	3349.	29885.
42	26799.	2799.	0.	24000.	26799.	2185.0	3382.	30181.
43	26153.	2153.	0.	24000.	26153.	2185.0	3301.	29454.
44	24666.	666.	0.	24000.	24666.	2185.0	4364.	29030.
45	22447.	0.	0.	22447.	22447.	2185.0	4063.	26510.
46	20285.	0.	0.	20285.	20285.	2185.0	3671.	23956.
47	16173.	0.	0.	16173.	16173.	2185.0	2926.	19099.
48	13792.	0.	0.	13792.	13792.	2185.0	2514.	16306.
49	11446.	0.	0.	11446.	11446.	2185.0	2893.	14339.
50	16046.	0.	0.	16046.	16046.	2185.0	4055.	20101.
51	15637.	0.	0.	15637.	15637.	2185.0	3951.	19588.
52	10015.	0.	0.	10015.	10015.	2185.0	2532.	12547.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1957 1	5279.	3883.	0.	1396.	5279.	2185.0	1298.	6577.
2	5279.	4360.	0.	919.	5279.	2185.0	1298.	6577.
3	3583.	5229.	0.	0.	5229.	2184.4	879.	6108.
4	3300.	5524.	0.	0.	5524.	2183.5	810.	6334.
5	2789.	5853.	0.	0.	5853.	2182.4	610.	6463.
6	2342.	6155.	0.	0.	6155.	2180.9	513.	6668.
7	2247.	6417.	0.	0.	6417.	2179.3	493.	6910.
8	2123.	6684.	0.	0.	6684.	2177.6	464.	7148.
9	2035.	6941.	0.	0.	6941.	2175.7	436.	7377.
10	1908.	7326.	0.	0.	7326.	2173.7	305.	7631.
11	1852.	7485.	0.	0.	7485.	2171.5	295.	7780.
12	1509.	7283.	0.	0.	7283.	2169.3	242.	7525.
13	1509.	6879.	0.	0.	6879.	2167.3	242.	7121.
14	1399.	6684.	0.	0.	6684.	2165.3	215.	6899.
15	1378.	6665.	0.	0.	6665.	2163.3	210.	6875.
16	1378.	6640.	0.	0.	6640.	2161.3	210.	6850.
17	1378.	6614.	0.	0.	6614.	2159.3	210.	6824.
18	1310.	6588.	0.	0.	6588.	2157.3	199.	6787.
19	1193.	6588.	0.	0.	6588.	2155.2	203.	6791.
20	1193.	6545.	0.	0.	6545.	2153.2	203.	6748.
21	1193.	6501.	0.	0.	6501.	2151.2	203.	6704.
22	1079.	6423.	0.	0.	6423.	2149.0	184.	6607.
23	920.	6117.	0.	0.	6117.	2146.7	168.	6285.
24	920.	5907.	0.	0.	5907.	2144.4	168.	6075.
25	920.	5698.	0.	0.	5698.	2142.3	168.	5866.
26	920.	5578.	0.	0.	5578.	2140.2	168.	5746.
27	837.	5508.	0.	0.	5508.	2138.1	137.	5645.
28	837.	5342.	0.	0.	5342.	2136.1	137.	5479.
29	837.	5175.	0.	0.	5175.	2134.1	137.	5312.
30	837.	5010.	0.	0.	5010.	2132.2	137.	5147.
31	2452.	4572.	0.	0.	4572.	2131.3	546.	5118.
32	4269.	4293.	0.	0.	4293.	2131.3	971.	5264.
33	6969.	3937.	0.	0.	3937.	2132.6	1588.	5525.
34	15611.	2936.	0.	0.	2936.	2138.3	3559.	6495.
35	23050.	2137.	0.	0.	2137.	2147.7	5136.	7273.
36	31747.	2228.	0.	0.	2228.	2159.3	3742.	5970.
37	28053.	1898.	0.	0.	1898.	2169.2	3306.	5204.
38	24892.	1653.	923.	0.	2577.	2177.7	2933.	5510.
39	17043.	1114.	4829.	0.	5943.	2181.9	2009.	7952.
40	19864.	59.	0.	11741.	11800.	2185.0	2131.	13931.
41	18252.	0.	0.	18252.	18252.	2185.0	1957.	20209.
42	20463.	0.	0.	20463.	20463.	2185.0	2195.	22658.
43	22198.	0.	0.	22198.	22198.	2185.0	2383.	24581.
44	17659.	0.	0.	17659.	17659.	2185.0	2111.	19770.
45	17664.	0.	0.	17664.	17664.	2185.0	2107.	19771.
46	17568.	0.	0.	17568.	17568.	2185.0	2095.	19663.
47	16111.	0.	0.	16111.	16111.	2185.0	1920.	18031.
48	17804.	0.	0.	17804.	17804.	2185.0	2149.	19953.
49	14143.	0.	0.	14143.	14143.	2185.0	3094.	17237.
50	15435.	0.	0.	15435.	15435.	2185.0	3378.	18813.
51	15008.	0.	0.	15008.	15008.	2185.0	3284.	18292.
52	14415.	0.	0.	14415.	14415.	2185.0	3152.	17567.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYOR ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1958 1	7628.	1542.	0.	6086.	7628.	2185.0	1775.	9403.
2	6544.	3125.	0.	3419.	6544.	2185.0	1523.	8067.
3	5337.	4836.	0.	501.	5337.	2185.0	1242.	6579.
4	5503.	5144.	0.	359.	5503.	2185.0	1281.	6784.
5	3997.	5719.	0.	0.	5719.	2184.3	888.	6607.
6	3287.	6046.	0.	0.	6046.	2183.3	734.	6780.
7	2815.	6344.	0.	0.	6344.	2182.0	628.	6972.
8	2314.	6647.	0.	0.	6647.	2180.3	517.	7164.
9	2637.	6860.	0.	0.	6860.	2178.7	584.	7444.
10	2991.	7049.	0.	0.	7049.	2177.2	877.	7926.
11	2551.	7259.	0.	0.	7259.	2175.4	749.	8008.
12	1902.	7118.	0.	0.	7118.	2173.4	558.	7676.
13	1544.	6762.	0.	0.	6762.	2171.4	454.	7216.
14	1839.	6584.	0.	0.	6584.	2169.6	389.	6973.
15	1614.	6586.	0.	0.	6586.	2167.7	339.	6925.
16	1408.	6580.	0.	0.	6580.	2165.8	295.	6875.
17	1332.	6562.	0.	0.	6562.	2163.8	279.	6841.
18	1101.	6554.	0.	0.	6554.	2161.7	230.	6784.
19	1152.	6578.	0.	0.	6578.	2159.6	181.	6759.
20	1038.	6543.	0.	0.	6543.	2157.5	163.	6706.
21	959.	6506.	0.	0.	6506.	2155.4	150.	6656.
22	959.	6418.	0.	0.	6418.	2153.4	152.	6570.
23	1024.	6122.	0.	0.	6122.	2151.4	114.	6236.
24	1000.	5913.	0.	0.	5913.	2149.5	110.	6023.
25	939.	5706.	0.	0.	5706.	2147.3	103.	5809.
26	939.	5585.	0.	0.	5585.	2145.2	103.	5688.
27	950.	5491.	0.	0.	5491.	2143.2	121.	5612.
28	1063.	5320.	0.	0.	5320.	2141.3	135.	5455.
29	1153.	5147.	0.	0.	5147.	2139.5	146.	5293.
30	1398.	4967.	0.	0.	4967.	2137.9	177.	5144.
31	3001.	4547.	0.	0.	4547.	2137.2	550.	5097.
32	5917.	4193.	0.	0.	4193.	2138.0	1133.	5326.
33	8267.	3916.	0.	0.	3916.	2139.9	1582.	5498.
34	15742.	3174.	0.	0.	3174.	2145.6	3010.	6184.
35	16842.	3046.	0.	0.	3046.	2151.5	3161.	6207.
36	24642.	1301.	0.	0.	1301.	2160.4	2474.	3775.
37	24642.	1260.	3619.	0.	4879.	2167.9	2474.	7353.
38	21247.	1045.	5059.	0.	6104.	2173.6	2134.	8238.
39	19363.	830.	5533.	0.	6363.	2178.6	1941.	8304.
40	18442.	1409.	4034.	0.	5442.	2183.5	1806.	7248.
41	18442.	0.	0.	14521.	14521.	2185.0	1806.	16327.
42	18442.	0.	0.	18442.	18442.	2185.0	1806.	20248.
43	18082.	0.	0.	18082.	18082.	2185.0	1769.	19851.
44	32829.	7628.	0.	24000.	31628.	2185.5	3998.	35626.
45	23946.	1147.	0.	24000.	25147.	2185.0	3051.	28198.
46	17783.	0.	0.	17783.	17783.	2185.0	2265.	20048.
47	14415.	0.	0.	14415.	14415.	2185.0	1836.	16251.
48	9969.	0.	0.	9969.	9969.	2185.0	1270.	11239.
49	6605.	1874.	0.	4731.	6605.	2185.0	1132.	7737.
50	6605.	2066.	0.	4540.	6605.	2185.0	1132.	7737.
51	5128.	3691.	0.	1437.	5128.	2185.0	880.	6008.
52	5129.	3838.	0.	1291.	5129.	2185.0	878.	6007.

TABLE 6 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1959 1	4604.	4680.	0.	0.	4680.	2185.0	936.	5616.
2	4050.	4993.	0.	0.	4993.	2184.6	823.	5816.
3	3875.	5272.	0.	0.	5272.	2184.1	787.	6059.
4	2689.	5645.	0.	0.	5645.	2183.0	547.	6192.
5	2392.	5961.	0.	0.	5961.	2181.6	378.	6339.
6	2068.	6247.	0.	0.	6247.	2180.0	320.	6567.
7	1760.	6521.	0.	0.	6521.	2178.2	275.	6796.
8	1352.	6805.	0.	0.	6805.	2176.1	211.	7016.
9	1215.	7062.	0.	0.	7062.	2173.9	190.	7252.
10	797.	7390.	0.	0.	7390.	2171.4	188.	7578.
11	879.	7539.	0.	0.	7539.	2168.9	207.	7746.
12	1375.	7259.	0.	0.	7259.	2166.6	324.	7583.
13	1375.	6854.	0.	0.	6854.	2164.6	324.	7178.
14	1150.	6679.	0.	0.	6679.	2162.5	253.	6932.
15	1109.	6664.	0.	0.	6664.	2160.4	242.	6906.
16	1056.	6644.	0.	0.	6644.	2158.2	232.	6876.
17	1035.	6621.	0.	0.	6621.	2156.1	227.	6848.
18	1051.	6592.	0.	0.	6592.	2154.0	225.	6817.
19	1027.	6582.	0.	0.	6582.	2151.9	251.	6833.
20	984.	6543.	0.	0.	6543.	2149.7	242.	6785.
21	879.	6512.	0.	0.	6512.	2147.2	217.	6729.
22	797.	6434.	0.	0.	6434.	2144.7	200.	6634.
23	683.	6131.	0.	0.	6131.	2142.2	182.	6313.
24	683.	5923.	0.	0.	5923.	2139.9	182.	6105.
25	683.	5714.	0.	0.	5714.	2137.6	182.	5896.
26	683.	5594.	0.	0.	5594.	2135.4	182.	5776.
27	666.	5518.	0.	0.	5518.	2133.2	165.	5683.
28	666.	5352.	0.	0.	5352.	2131.1	165.	5517.
29	952.	5151.	0.	0.	5151.	2129.2	235.	5386.
30	999.	4979.	0.	0.	4979.	2127.4	247.	5226.
31	1801.	4533.	0.	0.	4533.	2126.2	670.	5203.
32	2951.	4255.	0.	0.	4255.	2125.6	1092.	5347.
33	12604.	2498.	0.	0.	2498.	2130.2	4657.	7155.
34	17856.	1509.	0.	0.	1509.	2137.5	6599.	8108.
35	14298.	2040.	0.	0.	2040.	2143.0	5354.	7394.
36	20496.	2435.	0.	0.	2435.	2151.0	3364.	5799.
37	15311.	1862.	0.	0.	1862.	2156.1	2511.	4373.
38	18247.	2034.	977.	0.	3011.	2161.9	2992.	6003.
39	20418.	2065.	1424.	0.	3489.	2168.3	3351.	6840.
40	21688.	1428.	2860.	0.	4288.	2174.9	2957.	7245.
41	20819.	1323.	3153.	0.	4476.	2181.1	2840.	7316.
42	22556.	0.	0.	12328.	12328.	2185.0	3076.	15404.
43	17816.	0.	0.	17816.	17816.	2185.0	2429.	20245.
44	18373.	0.	0.	18373.	18373.	2185.0	3570.	21943.
45	14392.	0.	0.	14392.	14392.	2185.0	2796.	17188.
46	18474.	0.	0.	18474.	18474.	2185.0	3590.	22064.
47	34121.	7893.	0.	23472.	31365.	2186.0	6635.	38000.
48	33290.	8131.	0.	23396.	31527.	2186.7	6473.	38000.
49	20953.	1472.	0.	24000.	25472.	2185.0	4882.	30354.
50	10824.	0.	0.	10824.	10824.	2185.0	2525.	13349.
51	8131.	363.	0.	7768.	8131.	2185.0	1895.	10026.
52	7669.	979.	0.	6690.	7669.	2185.0	1790.	9459.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONE VALVE ENVIRON. RELEASE	WATANA CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1960 1	8534.	1043.	0.	7491.	8534.	2185.0	1473.	10007.
2	5896.	4082.	0.	1815.	5896.	2185.0	1017.	6913.
3	3243.	5374.	0.	0.	5374.	2184.2	560.	5934.
4	4051.	5574.	0.	0.	5574.	2183.6	700.	6274.
5	2692.	5902.	0.	0.	5902.	2182.4	500.	6402.
6	2292.	6196.	0.	0.	6196.	2180.9	424.	6620.
7	2194.	6457.	0.	0.	6457.	2179.3	405.	6862.
8	2064.	6722.	0.	0.	6722.	2177.5	380.	7102.
9	1962.	6977.	0.	0.	6977.	2175.6	360.	7337.
10	1656.	7311.	0.	0.	7311.	2173.5	339.	7650.
11	1656.	7466.	0.	0.	7466.	2171.3	339.	7805.
12	1656.	7240.	0.	0.	7240.	2169.1	339.	7578.
13	1656.	6835.	0.	0.	6835.	2167.2	339.	7174.
14	1541.	6638.	0.	0.	6638.	2165.2	316.	6954.
15	1523.	6619.	0.	0.	6619.	2163.3	312.	6931.
16	1360.	6609.	0.	0.	6609.	2161.3	277.	6886.
17	1295.	6589.	0.	0.	6589.	2159.3	264.	6853.
18	1227.	6566.	0.	0.	6566.	2157.3	247.	6813.
19	1175.	6588.	0.	0.	6588.	2155.2	203.	6791.
20	1152.	6547.	0.	0.	6547.	2153.2	199.	6746.
21	1097.	6508.	0.	0.	6508.	2151.1	189.	6697.
22	1062.	6423.	0.	0.	6423.	2148.9	185.	6608.
23	1041.	6119.	0.	0.	6119.	2146.6	164.	6283.
24	996.	5913.	0.	0.	5913.	2144.4	156.	6069.
25	882.	5713.	0.	0.	5713.	2142.2	137.	5850.
26	882.	5593.	0.	0.	5593.	2140.1	137.	5730.
27	694.	5528.	0.	0.	5528.	2137.9	96.	5624.
28	694.	5362.	0.	0.	5362.	2135.8	96.	5458.
29	910.	5181.	0.	0.	5181.	2133.9	125.	5306.
30	945.	5013.	0.	0.	5013.	2132.1	132.	5145.
31	4703.	4525.	0.	0.	4525.	2132.2	642.	5167.
32	6668.	4322.	0.	0.	4322.	2133.2	898.	5220.
33	12886.	3552.	0.	0.	3552.	2137.4	1731.	5284.
34	20055.	3442.	0.	0.	3442.	2144.9	2695.	6137.
35	20716.	3400.	0.	0.	3400.	2152.3	2808.	6208.
36	11838.	1641.	0.	0.	1641.	2156.1	1290.	2931.
37	12275.	1610.	4516.	0.	6126.	2158.5	1335.	7461.
38	12710.	1531.	4765.	0.	6296.	2160.9	1383.	7679.
39	13971.	1479.	4549.	0.	6028.	2163.9	1520.	7548.
40	19936.	618.	5389.	0.	6007.	2169.2	2220.	8227.
41	14780.	415.	6365.	0.	6780.	2172.3	1646.	8426.
42	17003.	448.	5998.	0.	6446.	2176.3	1895.	8341.
43	23312.	654.	4844.	0.	5498.	2183.0	2599.	8097.
44	26487.	0.	0.	21315.	21315.	2185.0	3567.	24882.
45	20467.	0.	0.	20467.	20467.	2185.0	2937.	23404.
46	18086.	0.	0.	18086.	18086.	2185.0	2595.	20681.
47	17477.	0.	0.	17477.	17477.	2185.0	2507.	19984.
48	16811.	0.	0.	16811.	16811.	2185.0	2415.	19226.
49	14281.	0.	0.	14281.	14281.	2185.0	2542.	16823.
50	22570.	0.	0.	22570.	22570.	2185.0	4016.	26586.
51	15996.	0.	0.	15996.	15996.	2185.0	2848.	18844.
52	11980.	0.	0.	11980.	11980.	2185.0	2132.	14112.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1961 1	9778.	0.	0.	9778.	9778.	2185.0	1813.	11591.
2	7102.	2835.	0.	4268.	7102.	2185.0	1316.	8418.
3	5050.	5202.	0.	0.	5202.	2184.9	936.	6138.
4	3678.	5580.	0.	0.	5580.	2184.2	682.	6262.
5	2753.	5892.	0.	0.	5892.	2183.0	516.	6408.
6	2516.	6174.	0.	0.	6174.	2181.6	465.	6639.
7	2319.	6442.	0.	0.	6442.	2180.1	430.	6872.
8	2058.	6718.	0.	0.	6718.	2178.3	381.	7099.
9	2118.	6959.	0.	0.	6959.	2176.5	390.	7349.
10	2126.	7229.	0.	0.	7229.	2174.5	508.	7737.
11	2085.	7388.	0.	0.	7388.	2172.5	498.	7886.
12	1833.	7188.	0.	0.	7188.	2170.5	438.	7626.
13	1833.	6783.	0.	0.	6783.	2168.6	438.	7221.
14	1776.	6576.	0.	0.	6576.	2166.8	435.	7011.
15	1773.	6557.	0.	0.	6557.	2165.0	430.	6987.
16	1825.	6524.	0.	0.	6524.	2163.2	443.	6967.
17	1846.	6495.	0.	0.	6495.	2161.4	448.	6943.
18	1601.	6492.	0.	0.	6492.	2159.5	387.	6879.
19	1317.	6539.	0.	0.	6539.	2157.6	287.	6826.
20	1297.	6498.	0.	0.	6498.	2155.6	281.	6779.
21	1246.	6459.	0.	0.	6459.	2153.6	270.	6729.
22	1181.	6373.	0.	0.	6373.	2151.6	265.	6638.
23	1097.	6064.	0.	0.	6064.	2149.7	255.	6319.
24	1222.	5841.	0.	0.	5841.	2147.6	283.	6124.
25	1535.	5595.	0.	0.	5595.	2145.8	356.	5951.
26	1535.	5473.	0.	0.	5473.	2144.0	356.	5829.
27	1617.	5376.	0.	0.	5376.	2142.3	379.	5755.
28	1617.	5209.	0.	0.	5209.	2140.7	379.	5588.
29	1783.	5021.	0.	0.	5021.	2139.3	418.	5439.
30	1811.	4852.	0.	0.	4852.	2137.9	424.	5276.
31	5580.	4333.	0.	0.	4333.	2138.5	1001.	5334.
32	10306.	3875.	0.	0.	3875.	2141.3	1795.	5670.
33	17834.	3186.	0.	0.	3186.	2147.9	3106.	6292.
34	16989.	3179.	0.	0.	3179.	2153.5	2958.	6137.
35	15795.	3182.	0.	0.	3182.	2158.3	2833.	6015.
36	14578.	1944.	0.	0.	1944.	2163.1	2747.	4691.
37	23810.	2715.	0.	0.	2715.	2171.1	4488.	7203.
38	29749.	2523.	0.	0.	2523.	2181.4	5608.	8131.
39	24996.	0.	0.	15651.	15651.	2185.0	4712.	20363.
40	18341.	0.	0.	18341.	18341.	2185.0	2958.	21299.
41	19253.	0.	0.	19253.	19253.	2185.0	3104.	22357.
42	19937.	0.	0.	19937.	19937.	2185.0	3213.	23150.
43	20655.	0.	0.	20655.	20655.	2185.0	3329.	23984.
44	22581.	0.	0.	22581.	22581.	2185.0	2011.	24592.
45	23083.	0.	0.	23083.	23083.	2185.0	1978.	25061.
46	19710.	0.	0.	19710.	19710.	2185.0	1689.	21399.
47	18708.	0.	0.	18708.	18708.	2185.0	1602.	20310.
48	13842.	0.	0.	13842.	13842.	2185.0	1211.	15053.
49	9309.	0.	0.	9309.	9309.	2185.0	1953.	11262.
50	10560.	0.	0.	10560.	10560.	2185.0	2218.	12778.
51	10059.	0.	0.	10059.	10059.	2185.0	2110.	12169.
52	10131.	0.	0.	10131.	10131.	2185.0	2125.	12256.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	WATANA OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1962 1	8304.	1213.	0.	7091.	8304.	2185.0	1497.	9801.
2	3663.	5067.	0.	0.	5067.	2184.5	661.	5728.
3	3663.	5330.	0.	0.	5330.	2183.8	661.	5991.
4	3663.	5594.	0.	0.	5594.	2183.1	661.	6255.
5	2910.	5966.	0.	0.	5966.	2181.9	364.	6330.
6	2187.	6267.	0.	0.	6267.	2180.4	271.	6538.
7	2187.	6520.	0.	0.	6520.	2178.7	271.	6791.
8	2187.	6774.	0.	0.	6774.	2177.0	271.	7045.
9	2067.	7027.	0.	0.	7027.	2175.1	254.	7281.
10	1742.	7369.	0.	0.	7369.	2173.0	218.	7587.
11	1742.	7524.	0.	0.	7524.	2170.8	218.	7742.
12	1742.	7297.	0.	0.	7297.	2168.7	218.	7515.
13	1742.	6893.	0.	0.	6893.	2166.7	218.	7111.
14	1645.	6697.	0.	0.	6697.	2164.8	192.	6889.
15	1626.	6677.	0.	0.	6677.	2162.9	189.	6866.
16	1626.	6651.	0.	0.	6651.	2161.0	189.	6840.
17	1626.	6625.	0.	0.	6625.	2159.1	189.	6814.
18	1462.	6602.	0.	0.	6602.	2157.1	172.	6774.
19	1237.	6611.	0.	0.	6611.	2155.1	155.	6766.
20	1237.	6568.	0.	0.	6568.	2153.1	155.	6723.
21	1237.	6524.	0.	0.	6524.	2151.0	155.	6679.
22	1207.	6438.	0.	0.	6438.	2148.9	152.	6590.
23	1174.	6129.	0.	0.	6129.	2146.7	142.	6271.
24	1174.	5919.	0.	0.	5919.	2144.5	142.	6061.
25	1174.	5709.	0.	0.	5709.	2142.5	142.	5851.
26	1174.	5589.	0.	0.	5589.	2140.5	142.	5731.
27	1335.	5499.	0.	0.	5499.	2138.6	151.	5650.
28	1335.	5333.	0.	0.	5333.	2136.8	151.	5484.
29	1335.	5164.	0.	0.	5164.	2135.1	151.	5315.
30	1335.	4998.	0.	0.	4998.	2133.5	151.	5149.
31	3165.	4717.	0.	0.	4717.	2132.8	226.	4943.
32	3896.	4615.	0.	0.	4615.	2132.4	277.	4892.
33	10571.	4294.	0.	0.	4294.	2135.3	754.	5048.
34	15580.	4110.	0.	0.	4110.	2140.4	1110.	5220.
35	25042.	3698.	0.	0.	3698.	2150.0	1780.	5478.
36	25502.	1757.	0.	0.	1757.	2159.0	3374.	5131.
37	49464.	2488.	0.	0.	2488.	2176.9	6546.	9034.
38	42296.	0.	0.	20908.	20908.	2185.0	5595.	26503.
39	29941.	5941.	0.	24000.	29941.	2185.0	3961.	33902.
40	24659.	659.	0.	24000.	24659.	2185.0	1504.	26163.
41	24076.	76.	0.	24000.	24076.	2185.0	1467.	25543.
42	20979.	0.	0.	20979.	20979.	2185.0	1279.	22258.
43	24659.	659.	0.	24000.	24659.	2185.0	1504.	26163.
44	22051.	0.	0.	22051.	22051.	2185.0	2563.	24614.
45	19487.	0.	0.	19487.	19487.	2185.0	2312.	21799.
46	19487.	0.	0.	19487.	19487.	2185.0	2312.	21799.
47	19487.	0.	0.	19487.	19487.	2185.0	2312.	21799.
48	19844.	0.	0.	19844.	19844.	2185.0	2365.	22209.
49	18961.	0.	0.	18961.	18961.	2185.0	3047.	22008.
50	11972.	0.	0.	11972.	11972.	2185.0	1927.	13899.
51	9699.	0.	0.	9699.	9699.	2185.0	1558.	11257.
52	9763.	0.	0.	9763.	9763.	2185.0	1569.	11332.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1963 1	7677.	2093.	0.	5584.	7677.	2185.0	1060.	8737.
2	5846.	4297.	0.	1549.	5846.	2185.0	807.	6653.
3	5094.	5308.	0.	0.	5308.	2184.9	703.	6011.
4	4603.	5601.	0.	0.	5601.	2184.5	635.	6236.
5	3273.	6012.	0.	0.	6012.	2183.5	249.	6261.
6	2427.	6302.	0.	0.	6302.	2182.0	180.	6482.
7	2427.	6554.	0.	0.	6554.	2180.5	180.	6734.
8	2427.	6808.	0.	0.	6808.	2178.8	180.	6988.
9	2243.	7058.	0.	0.	7058.	2177.0	167.	7225.
10	1684.	7373.	0.	0.	7373.	2174.8	188.	7561.
11	1684.	7529.	0.	0.	7529.	2172.6	188.	7717.
12	1684.	7302.	0.	0.	7302.	2170.5	188.	7490.
13	1684.	6898.	0.	0.	6898.	2168.5	188.	7086.
14	1346.	6688.	0.	0.	6688.	2166.4	194.	6882.
15	1303.	6671.	0.	0.	6671.	2164.4	187.	6858.
16	1303.	6645.	0.	0.	6645.	2162.4	187.	6832.
17	1303.	6620.	0.	0.	6620.	2160.4	187.	6807.
18	1284.	6592.	0.	0.	6592.	2158.3	181.	6773.
19	1203.	6580.	0.	0.	6580.	2156.3	211.	6791.
20	1203.	6536.	0.	0.	6536.	2154.3	211.	6747.
21	1203.	6492.	0.	0.	6492.	2152.3	211.	6703.
22	1015.	6422.	0.	0.	6422.	2150.2	173.	6595.
23	870.	6161.	0.	0.	6161.	2147.9	63.	6224.
24	870.	5951.	0.	0.	5951.	2145.6	63.	6014.
25	870.	5742.	0.	0.	5742.	2143.4	63.	5805.
26	870.	5622.	0.	0.	5622.	2141.3	63.	5685.
27	680.	5561.	0.	0.	5561.	2139.1	13.	5574.
28	680.	5396.	0.	0.	5396.	2136.9	13.	5409.
29	680.	5230.	0.	0.	5230.	2134.9	13.	5243.
30	680.	5065.	0.	0.	5065.	2132.9	13.	5078.
31	2138.	4675.	0.	0.	4675.	2131.8	322.	4997.
32	2871.	4539.	0.	0.	4539.	2131.0	449.	4988.
33	16185.	3487.	0.	0.	3487.	2136.7	2529.	6016.
34	26173.	2672.	0.	0.	2672.	2147.3	4088.	6760.
35	29395.	2342.	0.	0.	2342.	2158.0	4660.	7002.
36	20039.	2772.	0.	0.	2772.	2164.6	3344.	6116.
37	20039.	2636.	0.	0.	2636.	2171.2	3344.	5980.
38	20039.	2503.	0.	0.	2503.	2177.8	3344.	5847.
39	20039.	2333.	0.	0.	2333.	2184.6	3344.	5677.
40	25591.	427.	0.	24000.	24427.	2185.0	3317.	27744.
41	33081.	7373.	0.	24000.	31373.	2185.6	4287.	35660.
42	31343.	7335.	0.	24000.	31335.	2185.7	4064.	35399.
43	26765.	4482.	0.	24000.	28482.	2185.0	3469.	31951.
44	24772.	772.	0.	24000.	24772.	2185.0	2100.	26872.
45	22882.	0.	0.	22882.	22882.	2185.0	1847.	24729.
46	19853.	0.	0.	19853.	19853.	2185.0	1602.	21455.
47	20996.	0.	0.	20996.	20996.	2185.0	1695.	22691.
48	17689.	0.	0.	17689.	17689.	2185.0	1433.	19122.
49	13124.	0.	0.	13124.	13124.	2185.0	1194.	14318.
50	11736.	0.	0.	11736.	11736.	2185.0	1068.	12804.
51	9384.	187.	0.	9197.	9384.	2185.0	855.	10239.
52	8325.	1290.	0.	7035.	8325.	2185.0	758.	9083.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1964 1	7204.	2432.	0.	4772.	7204.	2185.0	1123.	8327.
2	6067.	4000.	0.	2067.	6067.	2185.0	944.	7011.
3	4963.	5276.	0.	0.	5276.	2184.9	774.	6050.
4	3760.	5623.	0.	0.	5623.	2184.2	587.	6210.
5	2277.	5954.	0.	0.	5954.	2182.8	381.	6335.
6	2037.	6234.	0.	0.	6234.	2181.2	337.	6571.
7	1803.	6505.	0.	0.	6505.	2179.4	297.	6802.
8	1489.	6783.	0.	0.	6783.	2177.4	247.	7030.
9	1454.	7034.	0.	0.	7034.	2175.3	236.	7270.
10	1358.	7369.	0.	0.	7369.	2173.0	218.	7587.
11	1311.	7528.	0.	0.	7528.	2170.6	212.	7740.
12	1038.	7322.	0.	0.	7322.	2168.2	167.	7489.
13	1038.	6919.	0.	0.	6919.	2166.0	167.	7086.
14	913.	6728.	0.	0.	6728.	2163.8	134.	6862.
15	888.	6709.	0.	0.	6709.	2161.6	132.	6841.
16	830.	6688.	0.	0.	6688.	2159.4	124.	6812.
17	807.	6666.	0.	0.	6666.	2157.1	119.	6785.
18	816.	6637.	0.	0.	6637.	2154.9	118.	6755.
19	818.	6636.	0.	0.	6636.	2152.7	124.	6760.
20	802.	6596.	0.	0.	6596.	2150.5	120.	6716.
21	760.	6555.	0.	0.	6555.	2148.0	116.	6671.
22	696.	6475.	0.	0.	6475.	2145.4	106.	6581.
23	612.	6168.	0.	0.	6168.	2142.9	95.	6263.
24	588.	5963.	0.	0.	5963.	2140.5	91.	6054.
25	524.	5758.	0.	0.	5758.	2138.1	82.	5840.
26	524.	5639.	0.	0.	5639.	2135.8	82.	5721.
27	588.	5553.	0.	0.	5553.	2133.6	86.	5639.
28	588.	5387.	0.	0.	5387.	2131.4	86.	5473.
29	637.	5217.	0.	0.	5217.	2129.4	93.	5310.
30	646.	5051.	0.	0.	5051.	2127.4	94.	5145.
31	524.	4821.	0.	0.	4821.	2125.5	66.	4887.
32	521.	4740.	0.	0.	4740.	2123.6	83.	4823.
33	699.	4102.	0.	0.	4102.	2122.0	110.	4212.
34	1548.	4650.	0.	0.	4650.	2120.6	242.	4892.
35	17791.	4026.	0.	0.	4026.	2126.8	2238.	6264.
36	66753.	887.	0.	0.	887.	2155.4	7730.	8617.
37	45845.	740.	0.	0.	740.	2172.6	5308.	6048.
38	38257.	594.	0.	4974.	5567.	2185.0	4430.	9997.
39	27669.	3669.	0.	24000.	27669.	2185.0	3203.	30872.
40	22261.	0.	0.	22261.	22261.	2185.0	2009.	24270.
41	22938.	0.	0.	22938.	22938.	2185.0	2071.	25009.
42	21646.	0.	0.	21646.	21646.	2185.0	1955.	23601.
43	14854.	0.	0.	14854.	14854.	2185.0	1340.	16194.
44	16893.	0.	0.	16893.	16893.	2185.0	1836.	18729.
45	15985.	0.	0.	15985.	15985.	2185.0	1751.	17736.
46	12889.	0.	0.	12889.	12889.	2185.0	1411.	14300.
47	13741.	0.	0.	13741.	13741.	2185.0	1506.	15247.
48	11603.	0.	0.	11603.	11603.	2185.0	1277.	12880.
49	8901.	0.	0.	8901.	8901.	2185.0	1588.	10489.
50	7255.	1394.	0.	5861.	7255.	2185.0	1293.	8548.
51	7294.	1546.	0.	5748.	7294.	2185.0	1301.	8595.
52	6247.	2715.	0.	3532.	6247.	2185.0	1114.	7361.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1965 1	5814.	3495.	0.	2319.	5814.	2185.0	1230.	7044.
2	6506.	3278.	0.	3229.	6506.	2185.0	1377.	7883.
3	4258.	5219.	0.	0.	5219.	2184.6	901.	6120.
4	3387.	5565.	0.	0.	5565.	2183.8	717.	6282.
5	2593.	5983.	0.	0.	5983.	2182.5	321.	6304.
6	2408.	6261.	0.	0.	6261.	2181.1	279.	6540.
7	2383.	6515.	0.	0.	6515.	2179.5	276.	6791.
8	2656.	6754.	0.	0.	6754.	2177.9	307.	7061.
9	1708.	7049.	0.	0.	7049.	2175.9	198.	7247.
10	1175.	7421.	0.	0.	7421.	2173.5	96.	7517.
11	1047.	7583.	0.	0.	7583.	2171.0	86.	7669.
12	952.	7361.	0.	0.	7361.	2168.6	78.	7439.
13	952.	6958.	0.	0.	6958.	2166.3	78.	7036.
14	880.	6759.	0.	0.	6759.	2164.1	63.	6822.
15	866.	6740.	0.	0.	6740.	2161.9	62.	6802.
16	866.	6715.	0.	0.	6715.	2159.6	62.	6777.
17	866.	6691.	0.	0.	6691.	2157.4	62.	6753.
18	821.	6662.	0.	0.	6662.	2155.2	59.	6721.
19	764.	6667.	0.	0.	6667.	2153.0	56.	6723.
20	764.	6624.	0.	0.	6624.	2150.7	56.	6680.
21	764.	6582.	0.	0.	6582.	2148.3	56.	6638.
22	785.	6497.	0.	0.	6497.	2145.7	56.	6553.
23	809.	6182.	0.	0.	6182.	2143.3	61.	6243.
24	809.	5975.	0.	0.	5975.	2141.0	61.	6036.
25	809.	5765.	0.	0.	5765.	2138.7	61.	5826.
26	809.	5646.	0.	0.	5646.	2136.6	61.	5707.
27	1050.	5559.	0.	0.	5559.	2134.5	65.	5624.
28	1050.	5393.	0.	0.	5393.	2132.6	65.	5458.
29	1324.	5216.	0.	0.	5216.	2130.8	82.	5298.
30	1370.	5048.	0.	0.	5048.	2129.2	84.	5132.
31	1702.	4750.	0.	0.	4750.	2127.8	197.	4947.
32	4582.	4506.	0.	0.	4506.	2127.8	548.	5054.
33	7973.	3929.	0.	0.	3929.	2129.6	952.	4881.
34	14365.	4116.	0.	0.	4116.	2134.3	1719.	5835.
35	28598.	2990.	0.	0.	2990.	2145.8	3363.	6353.
36	18020.	1810.	0.	0.	1810.	2152.6	2494.	4304.
37	19249.	1829.	1084.	0.	2913.	2158.8	2667.	5580.
38	18396.	1666.	3301.	0.	4967.	2163.9	2546.	7513.
39	27076.	2079.	983.	0.	3062.	2173.0	3750.	6812.
40	25264.	1536.	2371.	0.	3907.	2181.1	3194.	7101.
41	25478.	0.	0.	15291.	15291.	2185.0	3220.	18511.
42	23730.	0.	0.	23730.	23730.	2185.0	3000.	26730.
43	20581.	0.	0.	20581.	20581.	2185.0	2600.	23181.
44	18313.	0.	0.	18313.	18313.	2185.0	2559.	20872.
45	16343.	0.	0.	16343.	16343.	2185.0	2243.	18586.
46	25247.	1247.	0.	24000.	25247.	2185.0	3464.	28711.
47	16925.	0.	0.	16925.	16925.	2185.0	2322.	19247.
48	9394.	0.	0.	9394.	9394.	2185.0	1299.	10693.
49	14093.	0.	0.	14093.	14093.	2185.0	1740.	15833.
50	17314.	0.	0.	17314.	17314.	2185.0	2138.	19452.
51	15844.	0.	0.	15844.	15844.	2185.0	1957.	17801.
52	18328.	0.	0.	18328.	18328.	2185.0	2263.	20591.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	WATANA OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1966 1	10948.	0.	0.	10948.	10948.	2185.0	2686.	13634.
2	6087.	3529.	0.	2558.	6087.	2185.0	1492.	7579.
3	2852.	5312.	0.	0.	5312.	2184.1	698.	6010.
4	2359.	5631.	0.	0.	5631.	2182.8	578.	6209.
5	2043.	5926.	0.	0.	5926.	2181.3	457.	6383.
6	1676.	6227.	0.	0.	6227.	2179.6	366.	6593.
7	1481.	6501.	0.	0.	6501.	2177.7	323.	6824.
8	1412.	6763.	0.	0.	6763.	2175.7	309.	7072.
9	1361.	7016.	0.	0.	7016.	2173.5	295.	7311.
10	1265.	7345.	0.	0.	7345.	2171.2	289.	7634.
11	1223.	7506.	0.	0.	7506.	2168.8	280.	7786.
12	1174.	7285.	0.	0.	7285.	2166.5	268.	7553.
13	1129.	6885.	0.	0.	6885.	2164.3	259.	7144.
14	1075.	6694.	0.	0.	6694.	2162.2	223.	6917.
15	1062.	6676.	0.	0.	6676.	2160.1	219.	6895.
16	1062.	6651.	0.	0.	6651.	2157.9	219.	6870.
17	1062.	6626.	0.	0.	6626.	2155.8	219.	6845.
18	1025.	6598.	0.	0.	6598.	2153.7	213.	6811.
19	980.	6607.	0.	0.	6607.	2151.6	200.	6807.
20	980.	6564.	0.	0.	6564.	2149.3	200.	6764.
21	980.	6522.	0.	0.	6522.	2146.9	200.	6722.
22	983.	6435.	0.	0.	6435.	2144.4	201.	6636.
23	985.	6123.	0.	0.	6123.	2142.1	202.	6325.
24	985.	5914.	0.	0.	5914.	2139.9	202.	6116.
25	985.	5704.	0.	0.	5704.	2137.8	202.	5906.
26	985.	5584.	0.	0.	5584.	2135.7	202.	5786.
27	1091.	5487.	0.	0.	5487.	2133.7	226.	5713.
28	1091.	5320.	0.	0.	5320.	2131.8	226.	5546.
29	1432.	5117.	0.	0.	5117.	2130.1	299.	5416.
30	1490.	4944.	0.	0.	4944.	2128.6	310.	5254.
31	2210.	4606.	0.	0.	4606.	2127.5	504.	5110.
32	2873.	4452.	0.	0.	4452.	2126.8	667.	5119.
33	5322.	4120.	0.	0.	4120.	2127.3	1235.	5355.
34	10202.	3518.	0.	0.	3518.	2130.4	2367.	5885.
35	16017.	2838.	0.	0.	2838.	2136.3	3686.	6524.
36	37660.	1481.	0.	0.	1481.	2152.2	6451.	7932.
37	26954.	2254.	0.	0.	2254.	2161.5	4615.	6869.
38	22768.	2140.	0.	0.	2140.	2169.4	3900.	6040.
39	19214.	1688.	0.	0.	1688.	2176.0	3291.	4979.
40	15178.	978.	2450.	0.	3427.	2180.5	2212.	5639.
41	14458.	915.	4786.	0.	5701.	2183.8	2106.	7807.
42	15132.	0.	0.	12030.	12030.	2185.0	2205.	14235.
43	17122.	0.	0.	17122.	17122.	2185.0	2493.	19615.
44	22511.	0.	0.	22511.	22511.	2185.0	3578.	26089.
45	18320.	0.	0.	18320.	18320.	2185.0	3025.	21345.
46	15064.	0.	0.	15064.	15064.	2185.0	2488.	17552.
47	18252.	0.	0.	18252.	18252.	2185.0	3014.	21266.
48	14606.	0.	0.	14606.	14606.	2185.0	2410.	17016.
49	10023.	0.	0.	10023.	10023.	2185.0	1779.	11802.
50	9733.	0.	0.	9733.	9733.	2185.0	1729.	11462.
51	9623.	0.	0.	9623.	9623.	2185.0	1708.	11331.
52	7019.	1965.	0.	5054.	7019.	2185.0	1248.	8267.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1967 1	5525.	3957.	0.	1568.	5525.	2185.0	962.	6487.
2	3705.	5074.	0.	0.	5074.	2184.5	645.	5719.
3	2802.	5410.	0.	0.	5410.	2183.5	486.	5896.
4	1896.	5746.	0.	0.	5746.	2182.0	331.	6077.
5	1290.	6011.	0.	0.	6011.	2180.2	278.	6289.
6	1192.	6283.	0.	0.	6283.	2178.3	254.	6537.
7	1192.	6538.	0.	0.	6538.	2176.3	254.	6792.
8	1192.	6795.	0.	0.	6795.	2174.1	254.	7049.
9	1173.	7045.	0.	0.	7045.	2171.9	249.	7294.
10	1119.	7375.	0.	0.	7375.	2169.5	242.	7617.
11	1119.	7532.	0.	0.	7532.	2167.1	242.	7774.
12	1119.	7306.	0.	0.	7306.	2164.7	242.	7548.
13	1119.	6901.	0.	0.	6901.	2162.6	242.	7143.
14	1105.	6687.	0.	0.	6687.	2160.4	257.	6944.
15	1106.	6667.	0.	0.	6667.	2158.3	257.	6924.
16	1106.	6642.	0.	0.	6642.	2156.2	257.	6899.
17	1106.	6616.	0.	0.	6616.	2154.1	257.	6873.
18	1077.	6590.	0.	0.	6590.	2152.0	248.	6838.
19	1037.	6597.	0.	0.	6597.	2149.9	238.	6835.
20	1037.	6555.	0.	0.	6555.	2147.4	238.	6793.
21	1037.	6513.	0.	0.	6513.	2145.0	238.	6751.
22	965.	6435.	0.	0.	6435.	2142.5	223.	6658.
23	882.	6136.	0.	0.	6136.	2140.1	196.	6332.
24	882.	5927.	0.	0.	5927.	2137.9	196.	6123.
25	882.	5717.	0.	0.	5717.	2135.7	196.	5913.
26	882.	5597.	0.	0.	5597.	2133.6	196.	5793.
27	771.	5514.	0.	0.	5514.	2131.4	192.	5706.
28	771.	5347.	0.	0.	5347.	2129.4	192.	5539.
29	790.	5176.	0.	0.	5176.	2127.4	199.	5375.
30	910.	4995.	0.	0.	4995.	2125.6	228.	5223.
31	1409.	4757.	0.	0.	4757.	2124.1	215.	4972.
32	4044.	4494.	0.	0.	4494.	2123.9	605.	5099.
33	14066.	3712.	0.	0.	3712.	2128.5	2103.	5815.
34	19680.	3234.	0.	0.	3234.	2135.9	2944.	6178.
35	23533.	2894.	0.	0.	2894.	2145.2	3528.	6422.
36	22187.	1980.	0.	0.	1980.	2153.6	2731.	4711.
37	29069.	2320.	0.	0.	2320.	2163.8	3579.	5899.
38	24227.	1899.	782.	0.	2681.	2172.0	2982.	5663.
39	23703.	1712.	2605.	0.	4317.	2179.3	2917.	7234.
40	17634.	1185.	3892.	0.	5077.	2184.1	2442.	7519.
41	17564.	0.	0.	15189.	15189.	2185.0	2431.	17620.
42	24423.	423.	0.	24000.	24423.	2185.0	3382.	27805.
43	28466.	4466.	0.	24000.	28466.	2185.0	3942.	32408.
44	21665.	0.	0.	21665.	21665.	2185.0	3511.	25176.
45	20177.	0.	0.	20177.	20177.	2185.0	3228.	23405.
46	44209.	7746.	0.	23181.	30927.	2190.0	7073.	38000.
47	24653.	7862.	0.	24000.	31862.	2187.3	3946.	35808.
48	16555.	0.	0.	22628.	22628.	2185.0	2674.	25302.
49	23511.	0.	0.	23511.	23511.	2185.0	3524.	27035.
50	13875.	0.	0.	13875.	13875.	2185.0	2080.	15955.
51	10087.	0.	0.	10087.	10087.	2185.0	1510.	11597.
52	7666.	1513.	0.	6153.	7666.	2185.0	1147.	8813.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1968 1	5636.	4005.	0.	1631.	5636.	2185.0	794.	6430.
2	4692.	5066.	0.	0.	5066.	2184.9	661.	5727.
3	3669.	5393.	0.	0.	5393.	2184.2	518.	5911.
4	2797.	5714.	0.	0.	5714.	2183.1	394.	6108.
5	2340.	5982.	0.	0.	5982.	2181.7	330.	6312.
6	1987.	6265.	0.	0.	6265.	2180.1	278.	6543.
7	1881.	6525.	0.	0.	6525.	2178.3	264.	6789.
8	1812.	6785.	0.	0.	6785.	2176.4	252.	7037.
9	1780.	7034.	0.	0.	7034.	2174.4	246.	7280.
10	1740.	7368.	0.	0.	7368.	2172.3	229.	7597.
11	1740.	7523.	0.	0.	7523.	2170.1	229.	7752.
12	1669.	7300.	0.	0.	7300.	2168.0	219.	7519.
13	1657.	6896.	0.	0.	6896.	2166.0	218.	7114.
14	1633.	6681.	0.	0.	6681.	2164.1	235.	6916.
15	1634.	6660.	0.	0.	6660.	2162.1	235.	6895.
16	1634.	6633.	0.	0.	6633.	2160.2	235.	6868.
17	1611.	6609.	0.	0.	6609.	2158.3	231.	6840.
18	1552.	6581.	0.	0.	6581.	2156.4	224.	6805.
19	1561.	6585.	0.	0.	6585.	2154.5	218.	6803.
20	1561.	6541.	0.	0.	6541.	2152.6	218.	6759.
21	1561.	6496.	0.	0.	6496.	2150.8	218.	6714.
22	1561.	6408.	0.	0.	6408.	2148.7	218.	6626.
23	1560.	6094.	0.	0.	6094.	2146.7	219.	6313.
24	1560.	5883.	0.	0.	5883.	2144.7	219.	6102.
25	1560.	5672.	0.	0.	5672.	2142.9	219.	5891.
26	1560.	5551.	0.	0.	5551.	2141.1	219.	5770.
27	1544.	5470.	0.	0.	5470.	2139.3	206.	5676.
28	1485.	5307.	0.	0.	5307.	2137.6	199.	5506.
29	1556.	5134.	0.	0.	5134.	2136.0	208.	5342.
30	1662.	4961.	0.	0.	4961.	2134.5	221.	5182.
31	1787.	4679.	0.	0.	4679.	2133.2	300.	4979.
32	2353.	4559.	0.	0.	4559.	2132.2	395.	4954.
33	10464.	3853.	0.	0.	3853.	2135.2	1753.	5606.
34	27061.	2465.	0.	0.	2465.	2146.3	4536.	7001.
35	21911.	2791.	0.	0.	2791.	2154.1	3703.	6494.
36	21507.	2115.	0.	0.	2115.	2161.5	3114.	5229.
37	29938.	2599.	0.	0.	2599.	2171.9	4336.	6935.
38	30356.	2477.	0.	0.	2477.	2182.4	4397.	6874.
39	22099.	0.	0.	15380.	15380.	2185.0	3201.	18581.
40	24724.	724.	0.	24000.	24724.	2185.0	3099.	27823.
41	22504.	0.	0.	22504.	22504.	2185.0	2821.	25325.
42	21723.	0.	0.	21723.	21723.	2185.0	2724.	24447.
43	20991.	0.	0.	20991.	20991.	2185.0	2632.	23623.
44	18324.	0.	0.	18324.	18324.	2185.0	2500.	20824.
45	16541.	0.	0.	16541.	16541.	2185.0	2275.	18816.
46	13759.	0.	0.	13759.	13759.	2185.0	1894.	15653.
47	12436.	0.	0.	12436.	12436.	2185.0	1709.	14145.
48	11024.	0.	0.	11024.	11024.	2185.0	1515.	12539.
49	9099.	0.	0.	9099.	9099.	2185.0	1354.	10453.
50	9115.	0.	0.	9115.	9115.	2185.0	1356.	10471.
51	5821.	3127.	0.	2694.	5821.	2185.0	866.	6687.
52	4456.	4175.	0.	281.	4456.	2185.0	664.	5120.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	WATANA OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1969 1	4162.	4624.	0.	0.	4624.	2184.8	589.	5213.
2	3593.	5072.	0.	0.	5072.	2184.3	509.	5581.
3	2768.	5992.	0.	0.	5992.	2183.0	392.	6384.
4	2457.	5740.	0.	0.	5740.	2181.8	348.	6088.
5	2109.	6012.	0.	0.	6012.	2180.3	277.	6289.
6	1631.	6301.	0.	0.	6301.	2178.5	213.	6514.
7	1241.	6579.	0.	0.	6579.	2176.5	163.	6742.
8	1087.	6845.	0.	0.	6845.	2174.3	142.	6987.
9	901.	7105.	0.	0.	7105.	2172.0	116.	7221.
10	809.	7446.	0.	0.	7446.	2169.4	87.	7533.
11	767.	7607.	0.	0.	7607.	2166.8	82.	7689.
12	724.	7384.	0.	0.	7384.	2164.3	77.	7461.
13	687.	6981.	0.	0.	6981.	2161.9	74.	7055.
14	658.	6775.	0.	0.	6775.	2159.6	73.	6848.
15	640.	6757.	0.	0.	6757.	2157.3	71.	6828.
16	598.	6736.	0.	0.	6736.	2154.9	65.	6801.
17	598.	6712.	0.	0.	6712.	2152.6	65.	6777.
18	598.	6683.	0.	0.	6683.	2150.3	65.	6748.
19	587.	6683.	0.	0.	6683.	2147.6	73.	6756.
20	599.	6642.	0.	0.	6642.	2144.9	74.	6716.
21	630.	6602.	0.	0.	6602.	2142.2	77.	6679.
22	630.	6519.	0.	0.	6519.	2139.6	77.	6596.
23	655.	6206.	0.	0.	6206.	2137.1	80.	6286.
24	673.	5997.	0.	0.	5997.	2134.7	82.	6079.
25	709.	5785.	0.	0.	5785.	2132.4	87.	5872.
26	732.	5663.	0.	0.	5663.	2130.2	90.	5753.
27	779.	5574.	0.	0.	5574.	2128.0	99.	5673.
28	919.	5398.	0.	0.	5398.	2126.0	117.	5515.
29	1196.	5213.	0.	0.	5213.	2124.2	152.	5365.
30	1696.	5014.	0.	0.	5014.	2122.7	216.	5230.
31	2867.	4707.	0.	0.	4707.	2121.9	341.	5048.
32	5116.	4499.	0.	0.	4499.	2122.2	611.	5110.
33	9727.	4052.	0.	0.	4052.	2124.7	1165.	5217.
34	17064.	3790.	0.	0.	3790.	2130.7	2040.	5830.
35	10209.	3866.	0.	0.	3866.	2133.5	1237.	5103.
36	11525.	1918.	0.	0.	1918.	2137.9	787.	2705.
37	14689.	1954.	4399.	0.	6352.	2141.6	1003.	7355.
38	16092.	1873.	4348.	0.	6221.	2146.0	1099.	7320.
39	14614.	1651.	4734.	0.	6385.	2149.7	996.	7381.
40	13051.	999.	6123.	0.	7122.	2152.0	674.	7796.
41	16518.	1004.	5885.	0.	6889.	2155.7	854.	7743.
42	16974.	970.	5890.	0.	6860.	2159.5	874.	7734.
43	14188.	939.	6106.	0.	7045.	2162.3	733.	7778.
44	11668.	1607.	4675.	0.	6282.	2164.3	1035.	7317.
45	12201.	1845.	4070.	0.	5915.	2166.7	1126.	7041.
46	6318.	1586.	5333.	0.	6919.	2166.5	585.	7504.
47	5126.	1639.	5486.	0.	7125.	2165.7	472.	7597.
48	4792.	1854.	5345.	0.	7199.	2164.8	442.	7641.
49	5256.	2117.	4836.	0.	6953.	2164.1	668.	7621.
50	4595.	3113.	2971.	0.	6084.	2163.6	584.	6668.
51	3939.	4110.	1103.	0.	5213.	2163.1	502.	5715.
52	3308.	4227.	1112.	0.	5339.	2162.2	421.	5760.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1970 1	3018.	4837.	241.	0.	5078.	2161.4	595.	5673.
2	2841.	5317.	0.	0.	5317.	2160.5	560.	5877.
3	2489.	6620.	0.	0.	6620.	2158.9	490.	7110.
4	1680.	7028.	0.	0.	7028.	2156.9	331.	7359.
5	1432.	6162.	0.	0.	6162.	2155.1	183.	6345.
6	1202.	6445.	0.	0.	6445.	2153.1	147.	6592.
7	950.	6720.	0.	0.	6720.	2150.9	115.	6835.
8	842.	6990.	0.	0.	6990.	2148.3	101.	7091.
9	787.	7247.	0.	0.	7247.	2145.4	96.	7343.
10	735.	7583.	0.	0.	7583.	2142.3	105.	7688.
11	699.	7754.	0.	0.	7754.	2139.1	100.	7854.
12	694.	7531.	0.	0.	7531.	2136.1	99.	7630.
13	694.	7124.	0.	0.	7124.	2133.2	99.	7223.
14	656.	6907.	0.	0.	6907.	2130.4	124.	7031.
15	656.	6892.	0.	0.	6892.	2127.6	125.	7017.
16	628.	6875.	0.	0.	6875.	2124.8	120.	6995.
17	617.	6857.	0.	0.	6857.	2121.9	118.	6975.
18	618.	6833.	0.	0.	6833.	2119.2	117.	6950.
19	628.	6844.	0.	0.	6844.	2116.4	111.	6955.
20	589.	6809.	0.	0.	6809.	2113.6	104.	6913.
21	589.	6771.	0.	0.	6771.	2110.8	104.	6875.
22	589.	6687.	0.	0.	6687.	2108.0	104.	6791.
23	605.	6373.	0.	0.	6373.	2105.4	93.	6466.
24	616.	6158.	0.	0.	6158.	2103.0	95.	6253.
25	645.	5941.	0.	0.	5941.	2100.6	100.	6041.
26	645.	5819.	0.	0.	5819.	2097.9	100.	5919.
27	769.	5762.	0.	0.	5762.	2095.3	42.	5804.
28	846.	5591.	0.	0.	5591.	2092.7	47.	5638.
29	969.	5416.	0.	0.	5416.	2090.4	52.	5468.
30	1176.	5239.	0.	0.	5239.	2088.2	64.	5303.
31	1634.	4921.	0.	0.	4921.	2086.5	199.	5120.
32	3900.	4702.	0.	0.	4702.	2086.0	483.	5185.
33	13817.	4026.	0.	0.	4026.	2091.2	1708.	5734.
34	12474.	4026.	0.	0.	4026.	2095.7	1544.	5570.
35	15221.	3778.	0.	0.	3778.	2101.5	1925.	5703.
36	12989.	2892.	0.	0.	2892.	2106.1	2516.	5408.
37	12531.	2707.	0.	0.	2707.	2110.5	2426.	5133.
38	11864.	2532.	0.	0.	2532.	2114.7	2298.	4830.
39	19977.	3173.	0.	0.	3173.	2122.3	3868.	7041.
40	20089.	2553.	0.	0.	2553.	2130.1	2987.	5540.
41	16855.	2225.	150.	0.	2375.	2136.7	2507.	4882.
42	18059.	2283.	1276.	0.	3559.	2143.2	2686.	6245.
43	17267.	2206.	1547.	0.	3753.	2149.3	2568.	6321.
44	21606.	2467.	710.	0.	3177.	2156.4	3153.	6330.
45	18880.	2076.	1933.	0.	4009.	2162.0	2775.	6784.
46	14586.	1961.	2954.	0.	4915.	2165.7	2146.	7061.
47	16486.	2181.	2334.	0.	4515.	2170.2	2424.	6939.
48	11350.	2174.	3390.	0.	5564.	2172.4	1671.	7235.
49	9396.	2525.	2974.	0.	5499.	2173.9	1598.	7097.
50	7477.	3388.	1623.	0.	5011.	2174.9	1271.	6282.
51	7616.	4413.	0.	0.	4413.	2176.1	1294.	5707.
52	4244.	4289.	196.	0.	4484.	2176.0	723.	5207.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1971 1	4991.	5068.	0.	0.	5068.	2175.9	1302.	6370.
2	4166.	5439.	0.	0.	5439.	2175.5	1087.	6526.
3	3393.	6585.	0.	0.	6585.	2174.2	886.	7471.
4	2885.	5590.	0.	0.	5590.	2173.2	753.	6343.
5	2923.	5854.	0.	0.	5854.	2172.1	698.	6552.
6	2796.	6135.	0.	0.	6135.	2170.8	653.	6788.
7	2543.	6415.	0.	0.	6415.	2169.4	595.	7010.
8	2249.	6702.	0.	0.	6702.	2167.7	526.	7228.
9	2013.	6973.	0.	0.	6973.	2165.8	473.	7446.
10	1886.	7317.	0.	0.	7317.	2163.7	435.	7752.
11	1761.	7487.	0.	0.	7487.	2161.6	405.	7892.
12	1614.	7274.	0.	0.	7274.	2159.4	372.	7646.
13	1446.	6885.	0.	0.	6885.	2157.3	333.	7218.
14	1328.	6706.	0.	0.	6706.	2155.3	269.	6975.
15	1188.	6699.	0.	0.	6699.	2153.2	241.	6940.
16	1080.	6684.	0.	0.	6684.	2151.1	218.	6902.
17	950.	6672.	0.	0.	6672.	2148.7	190.	6862.
18	880.	6649.	0.	0.	6649.	2146.1	179.	6828.
19	821.	6655.	0.	0.	6655.	2143.5	178.	6833.
20	746.	6624.	0.	0.	6624.	2140.8	162.	6786.
21	746.	6585.	0.	0.	6585.	2138.2	162.	6747.
22	730.	6503.	0.	0.	6503.	2135.6	159.	6662.
23	716.	6195.	0.	0.	6195.	2133.1	149.	6344.
24	716.	5985.	0.	0.	5985.	2130.8	149.	6134.
25	716.	5775.	0.	0.	5775.	2128.5	149.	5924.
26	716.	5654.	0.	0.	5654.	2126.3	149.	5803.
27	717.	5567.	0.	0.	5567.	2124.1	153.	5720.
28	744.	5397.	0.	0.	5397.	2122.0	159.	5556.
29	808.	5222.	0.	0.	5222.	2120.0	172.	5394.
30	904.	5045.	0.	0.	5045.	2118.2	192.	5237.
31	1098.	4788.	0.	0.	4788.	2116.5	214.	5002.
32	1415.	4679.	0.	0.	4679.	2115.0	285.	4964.
33	2087.	3887.	0.	0.	3887.	2114.2	419.	4306.
34	3683.	3986.	0.	0.	3986.	2114.1	741.	4727.
35	6558.	4208.	0.	0.	4208.	2115.1	1303.	5511.
36	19251.	1767.	313.	0.	2080.	2122.9	2359.	4439.
37	39740.	2802.	0.	0.	2802.	2139.5	4872.	7674.
38	24136.	1754.	1477.	0.	3231.	2148.9	2958.	6189.
39	33340.	2091.	663.	0.	2754.	2160.7	4088.	6842.
40	21395.	1047.	4877.	0.	5924.	2166.6	1794.	7718.
41	21771.	1022.	4849.	0.	5871.	2172.6	1825.	7696.
42	25092.	1142.	4250.	0.	5392.	2180.1	2105.	7497.
43	16325.	713.	5941.	0.	6654.	2183.7	1369.	8023.
44	20943.	0.	0.	17645.	17645.	2185.0	2218.	19863.
45	38945.	7629.	0.	24000.	31629.	2187.8	4061.	35690.
46	34819.	7736.	0.	24000.	31736.	2189.0	3628.	35364.
47	21352.	7751.	0.	24000.	31751.	2185.0	2225.	33976.
48	16880.	0.	0.	16880.	16880.	2185.0	1777.	18657.
49	19170.	0.	0.	19170.	19170.	2185.0	2289.	21459.
50	12233.	0.	0.	12233.	12233.	2185.0	1460.	13693.
51	9251.	92.	0.	9160.	9251.	2185.0	1103.	10354.
52	8027.	1371.	0.	6656.	8027.	2185.0	958.	8985.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1972 1	6619.	3238.	0.	3381.	6619.	2185.0	735.	7354.
2	5931.	4349.	0.	1582.	5931.	2185.0	659.	6590.
3	4501.	5400.	0.	0.	5400.	2184.7	501.	5901.
4	3711.	5703.	0.	0.	5703.	2183.9	413.	6116.
5	3005.	5955.	0.	0.	5955.	2182.8	381.	6336.
6	2717.	6232.	0.	0.	6232.	2181.4	339.	6571.
7	2574.	6492.	0.	0.	6492.	2180.0	322.	6814.
8	2430.	6753.	0.	0.	6753.	2178.3	305.	7058.
9	2311.	7004.	0.	0.	7004.	2176.5	291.	7295.
10	2016.	7291.	0.	0.	7291.	2174.5	373.	7664.
11	2016.	7445.	0.	0.	7445.	2172.5	373.	7818.
12	1860.	7230.	0.	0.	7230.	2170.4	345.	7576.
13	1860.	6826.	0.	0.	6826.	2168.5	345.	7171.
14	1790.	6596.	0.	0.	6596.	2166.7	392.	6988.
15	1642.	6590.	0.	0.	6590.	2164.8	359.	6949.
16	1642.	6564.	0.	0.	6564.	2163.0	359.	6923.
17	1642.	6537.	0.	0.	6537.	2161.1	359.	6896.
18	1643.	6507.	0.	0.	6507.	2159.3	357.	6864.
19	1528.	6508.	0.	0.	6508.	2157.4	357.	6865.
20	1465.	6470.	0.	0.	6470.	2155.5	342.	6812.
21	1465.	6426.	0.	0.	6426.	2153.6	342.	6768.
22	1403.	6345.	0.	0.	6345.	2151.7	327.	6672.
23	1416.	6042.	0.	0.	6042.	2149.9	302.	6344.
24	1351.	5837.	0.	0.	5837.	2147.9	288.	6125.
25	1351.	5626.	0.	0.	5626.	2146.0	288.	5914.
26	1329.	5506.	0.	0.	5506.	2144.1	284.	5790.
27	1241.	5440.	0.	0.	5440.	2142.2	242.	5682.
28	1241.	5274.	0.	0.	5274.	2140.4	242.	5516.
29	1189.	5110.	0.	0.	5110.	2138.7	233.	5343.
30	1241.	4940.	0.	0.	4940.	2137.0	242.	5182.
31	2386.	4547.	0.	0.	4547.	2136.0	560.	5107.
32	13753.	3165.	0.	0.	3165.	2140.8	3317.	6482.
33	13553.	3113.	0.	0.	3113.	2145.5	3270.	6383.
34	18894.	2439.	0.	0.	2439.	2152.4	4558.	6997.
35	31966.	1058.	0.	0.	1058.	2164.2	7421.	8479.
36	20142.	1497.	0.	0.	1497.	2171.3	3190.	4687.
37	35772.	2125.	0.	0.	2125.	2184.0	5665.	7790.
38	31327.	4783.	0.	24000.	28783.	2185.0	4961.	33744.
39	21178.	0.	0.	21178.	21178.	2185.0	3354.	24532.
40	22096.	0.	0.	22096.	22096.	2185.0	2178.	24274.
41	22084.	0.	0.	22084.	22084.	2185.0	2177.	24261.
42	19683.	0.	0.	19683.	19683.	2185.0	1940.	21623.
43	16050.	0.	0.	16050.	16050.	2185.0	1582.	17632.
44	18343.	0.	0.	18343.	18343.	2185.0	1225.	19568.
45	19675.	0.	0.	19675.	19675.	2185.0	1278.	20953.
46	18045.	0.	0.	18045.	18045.	2185.0	1174.	19219.
47	18653.	0.	0.	18653.	18653.	2185.0	1212.	19865.
48	12473.	0.	0.	12473.	12473.	2185.0	817.	13290.
49	11598.	0.	0.	11598.	11598.	2185.0	991.	12589.
50	15857.	0.	0.	15857.	15857.	2185.0	1355.	17212.
51	11686.	0.	0.	11686.	11686.	2185.0	999.	12685.
52	5278.	4070.	0.	1208.	5278.	2185.0	450.	5728.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1973 1	4296.	4492.	0.	0.	4492.	2184.9	335.	4827.
2	3976.	4967.	0.	0.	4967.	2184.5	310.	5277.
3	5515.	6164.	0.	0.	6164.	2184.3	430.	6594.
4	4090.	5747.	0.	0.	5747.	2183.7	319.	6066.
5	2727.	6019.	0.	0.	6019.	2182.4	243.	6262.
6	2210.	6298.	0.	0.	6298.	2180.9	198.	6496.
7	1887.	6565.	0.	0.	6565.	2179.1	169.	6734.
8	1738.	6826.	0.	0.	6826.	2177.2	156.	6982.
9	1519.	7081.	0.	0.	7081.	2175.0	135.	7216.
10	1356.	7399.	0.	0.	7399.	2172.8	155.	7554.
11	1210.	7562.	0.	0.	7562.	2170.3	139.	7701.
12	1186.	7338.	0.	0.	7338.	2168.0	135.	7473.
13	1186.	6935.	0.	0.	6935.	2165.8	135.	7070.
14	1051.	6739.	0.	0.	6739.	2163.7	111.	6850.
15	1026.	6720.	0.	0.	6720.	2161.5	108.	6828.
16	1026.	6696.	0.	0.	6696.	2159.3	108.	6804.
17	1026.	6671.	0.	0.	6671.	2157.2	108.	6779.
18	1035.	6641.	0.	0.	6641.	2155.1	107.	6748.
19	1008.	6631.	0.	0.	6631.	2152.9	134.	6765.
20	1008.	6588.	0.	0.	6588.	2150.8	134.	6722.
21	1008.	6545.	0.	0.	6545.	2148.5	134.	6679.
22	929.	6465.	0.	0.	6465.	2146.0	121.	6586.
23	868.	6173.	0.	0.	6173.	2143.6	77.	6250.
24	868.	5965.	0.	0.	5965.	2141.3	77.	6042.
25	868.	5756.	0.	0.	5756.	2139.1	77.	5833.
26	868.	5636.	0.	0.	5636.	2137.0	77.	5713.
27	879.	5555.	0.	0.	5555.	2134.9	70.	5625.
28	879.	5389.	0.	0.	5389.	2132.8	70.	5459.
29	879.	5221.	0.	0.	5221.	2130.9	70.	5291.
30	929.	5053.	0.	0.	5053.	2129.0	74.	5127.
31	1227.	4796.	0.	0.	4796.	2127.4	102.	4898.
32	2355.	4676.	0.	0.	4676.	2126.4	197.	4873.
33	8066.	3955.	0.	0.	3955.	2128.2	671.	4626.
34	11109.	3985.	0.	0.	3985.	2131.4	926.	4911.
35	13811.	3972.	0.	0.	3972.	2135.8	1163.	5135.
36	17385.	1463.	1094.	0.	2557.	2142.5	1863.	4420.
37	28985.	1919.	2366.	0.	4285.	2153.1	3104.	7389.
38	31344.	1888.	2013.	0.	3901.	2163.5	3356.	7257.
39	20593.	1215.	4435.	0.	5650.	2169.2	2205.	7855.
40	18980.	531.	6392.	0.	6923.	2173.7	1405.	8328.
41	18143.	467.	6547.	0.	7014.	2178.0	1345.	8359.
42	13728.	303.	7197.	0.	7499.	2180.3	1016.	8515.
43	14810.	343.	7038.	0.	7381.	2183.2	1095.	8476.
44	15752.	662.	0.	10248.	10910.	2185.0	1278.	12188.
45	18754.	0.	0.	18754.	18754.	2185.0	1521.	20275.
46	14942.	0.	0.	14942.	14942.	2185.0	1213.	16155.
47	19441.	0.	0.	19441.	19441.	2185.0	1577.	21018.
48	20593.	0.	0.	20593.	20593.	2185.0	1667.	22260.
49	11210.	0.	0.	11210.	11210.	2185.0	864.	12074.
50	7823.	1496.	0.	6327.	7823.	2185.0	602.	8425.
51	6605.	2772.	0.	3833.	6605.	2185.0	510.	7115.
52	5366.	4028.	0.	1338.	5366.	2185.0	413.	5779.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1974 1	4607.	4660.	0.	0.	4660.	2185.0	668.	5328.
2	3710.	5082.	0.	0.	5082.	2184.5	539.	5621.
3	2558.	5645.	0.	0.	5645.	2183.3	372.	6017.
4	1938.	5769.	0.	0.	5769.	2181.8	282.	6051.
5	1693.	6073.	0.	0.	6073.	2180.2	142.	6215.
6	1459.	6347.	0.	0.	6347.	2178.3	115.	6462.
7	1344.	6606.	0.	0.	6606.	2176.3	106.	6712.
8	1230.	6866.	0.	0.	6866.	2174.2	98.	6964.
9	1129.	7118.	0.	0.	7118.	2171.9	89.	7207.
10	1028.	7454.	0.	0.	7454.	2169.5	71.	7525.
11	926.	7615.	0.	0.	7615.	2166.9	63.	7678.
12	881.	7391.	0.	0.	7391.	2164.4	60.	7451.
13	854.	6987.	0.	0.	6987.	2162.1	59.	7046.
14	816.	6780.	0.	0.	6780.	2159.8	60.	6840.
15	811.	6761.	0.	0.	6761.	2157.6	59.	6820.
16	778.	6738.	0.	0.	6738.	2155.3	57.	6795.
17	765.	6714.	0.	0.	6714.	2153.1	57.	6771.
18	745.	6686.	0.	0.	6686.	2150.8	53.	6739.
19	707.	6687.	0.	0.	6687.	2148.3	58.	6745.
20	694.	6647.	0.	0.	6647.	2145.6	57.	6704.
21	662.	6608.	0.	0.	6608.	2142.9	55.	6663.
22	663.	6526.	0.	0.	6526.	2140.3	55.	6581.
23	648.	6209.	0.	0.	6209.	2137.8	66.	6275.
24	636.	6002.	0.	0.	6002.	2135.4	64.	6066.
25	605.	5794.	0.	0.	5794.	2133.0	61.	5855.
26	605.	5674.	0.	0.	5674.	2130.7	61.	5735.
27	594.	5597.	0.	0.	5597.	2128.5	45.	5642.
28	620.	5431.	0.	0.	5431.	2126.3	45.	5476.
29	747.	5258.	0.	0.	5258.	2124.3	55.	5313.
30	1189.	5074.	0.	0.	5074.	2122.6	90.	5164.
31	2059.	4715.	0.	0.	4715.	2121.4	328.	5043.
32	5341.	4370.	0.	0.	4370.	2121.8	884.	5254.
33	9964.	3939.	0.	0.	3939.	2124.5	1647.	5586.
34	22246.	2898.	0.	0.	2898.	2133.2	3675.	6573.
35	25280.	2630.	0.	0.	2630.	2143.4	4103.	6733.
36	16013.	1809.	0.	0.	1809.	2149.8	2096.	3905.
37	13675.	1573.	2945.	0.	4518.	2153.3	1788.	6306.
38	12785.	1402.	4769.	0.	6171.	2155.8	1672.	7843.
39	13651.	1305.	4675.	0.	5980.	2158.7	1785.	7765.
40	14383.	766.	5674.	0.	6440.	2161.7	1618.	8058.
41	17876.	917.	4902.	0.	5819.	2166.3	2011.	7830.
42	16396.	796.	5286.	0.	6082.	2170.2	1845.	7927.
43	15766.	768.	5427.	0.	6195.	2173.9	1773.	7968.
44	14730.	1108.	4908.	0.	6016.	2177.2	1875.	7891.
45	15504.	1184.	4634.	0.	5818.	2180.9	1989.	7807.
46	13265.	1165.	5115.	0.	6279.	2183.5	1701.	7980.
47	10498.	1115.	5732.	0.	6847.	2184.9	1346.	8193.
48	14244.	0.	0.	13996.	13996.	2185.0	1828.	15824.
49	13395.	0.	0.	13395.	13395.	2185.0	2191.	15586.
50	7511.	1237.	0.	6274.	7511.	2185.0	1227.	8738.
51	7590.	1352.	0.	6238.	7590.	2185.0	1240.	8830.
52	9984.	0.	0.	9984.	9984.	2185.0	1634.	11618.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	WATANA VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1975 1	4537.	4647.	0.	0.	4647.	2185.0	621.	5268.
2	4509.	5126.	0.	0.	5126.	2184.7	617.	5743.
3	2402.	5618.	0.	0.	5618.	2183.5	330.	5948.
4	1602.	5797.	0.	0.	5797.	2181.9	220.	6017.
5	1468.	6070.	0.	0.	6070.	2180.2	150.	6220.
6	1478.	6334.	0.	0.	6334.	2178.3	144.	6478.
7	1478.	6588.	0.	0.	6588.	2176.4	144.	6732.
8	1478.	6844.	0.	0.	6844.	2174.3	144.	6988.
9	1461.	7090.	0.	0.	7090.	2172.2	146.	7236.
10	1264.	7386.	0.	0.	7386.	2169.9	215.	7601.
11	1264.	7543.	0.	0.	7543.	2167.5	215.	7758.
12	1264.	7316.	0.	0.	7316.	2165.2	215.	7531.
13	1264.	6911.	0.	0.	6911.	2163.0	215.	7126.
14	1270.	6709.	0.	0.	6709.	2161.0	203.	6912.
15	1203.	6695.	0.	0.	6695.	2158.9	191.	6886.
16	1203.	6669.	0.	0.	6669.	2156.8	191.	6860.
17	1203.	6644.	0.	0.	6644.	2154.7	191.	6835.
18	1200.	6613.	0.	0.	6613.	2152.7	193.	6806.
19	1123.	6592.	0.	0.	6592.	2150.6	242.	6834.
20	1123.	6549.	0.	0.	6549.	2148.3	242.	6791.
21	1081.	6511.	0.	0.	6511.	2145.8	232.	6743.
22	1051.	6430.	0.	0.	6430.	2143.4	223.	6653.
23	1040.	6114.	0.	0.	6114.	2141.1	232.	6346.
24	1040.	5905.	0.	0.	5905.	2139.0	232.	6137.
25	1040.	5695.	0.	0.	5695.	2136.9	232.	5927.
26	1040.	5574.	0.	0.	5574.	2134.8	232.	5806.
27	1036.	5498.	0.	0.	5498.	2132.8	212.	5710.
28	1047.	5331.	0.	0.	5331.	2130.9	213.	5544.
29	1142.	5152.	0.	0.	5152.	2129.1	233.	5385.
30	1354.	4965.	0.	0.	4965.	2127.5	276.	5241.
31	2133.	4648.	0.	0.	4648.	2126.3	426.	5074.
32	5138.	4275.	0.	0.	4275.	2126.7	1046.	5321.
33	11291.	3611.	0.	0.	3611.	2130.2	2301.	5912.
34	17252.	2961.	0.	0.	2961.	2136.6	3518.	6479.
35	23081.	2378.	0.	0.	2378.	2145.9	4627.	7005.
36	30459.	2220.	0.	0.	2220.	2157.3	4003.	6223.
37	22880.	1673.	0.	0.	1673.	2165.3	3006.	4679.
38	28749.	1914.	78.	0.	1992.	2175.5	3778.	5770.
39	25700.	1596.	2391.	0.	3986.	2183.7	3379.	7365.
40	23413.	0.	0.	20104.	20104.	2185.0	2742.	22846.
41	25455.	1455.	0.	24000.	25455.	2185.0	2981.	28436.
42	24131.	131.	0.	24000.	24131.	2185.0	2826.	26957.
43	22076.	0.	0.	22076.	22076.	2185.0	2584.	24660.
44	20265.	0.	0.	20265.	20265.	2185.0	2524.	22789.
45	16199.	0.	0.	16199.	16199.	2185.0	2043.	18242.
46	15474.	0.	0.	15474.	15474.	2185.0	1952.	17426.
47	13658.	0.	0.	13658.	13658.	2185.0	1722.	15380.
48	11762.	0.	0.	11762.	11762.	2185.0	1490.	13252.
49	9359.	0.	0.	9359.	9359.	2185.0	1499.	10858.
50	15849.	0.	0.	15849.	15849.	2185.0	2537.	18386.
51	14847.	0.	0.	14847.	14847.	2185.0	2376.	17223.
52	12513.	0.	0.	12513.	12513.	2185.0	2002.	14515.

TABLE 6 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1976 1	7559.	1589.	0.	5970.	7559.	2185.0	1787.	9346.
2	6664.	2979.	0.	3685.	6664.	2185.0	1579.	8243.
3	6139.	3995.	0.	2144.	6139.	2185.0	1454.	7593.
4	3621.	5500.	0.	0.	5500.	2184.3	857.	6357.
5	2720.	5927.	0.	0.	5927.	2183.1	439.	6366.
6	1937.	6248.	0.	0.	6248.	2181.4	304.	6552.
7	1475.	6534.	0.	0.	6534.	2179.5	232.	6766.
8	1173.	6812.	0.	0.	6812.	2177.4	183.	6995.
9	1011.	7071.	0.	0.	7071.	2175.1	156.	7227.
10	925.	7407.	0.	0.	7407.	2172.6	138.	7545.
11	890.	7566.	0.	0.	7566.	2170.1	133.	7699.
12	855.	7343.	0.	0.	7343.	2167.6	128.	7471.
13	809.	6943.	0.	0.	6943.	2165.3	121.	7064.
14	778.	6727.	0.	0.	6727.	2163.0	142.	6869.
15	778.	6708.	0.	0.	6708.	2160.8	143.	6851.
16	750.	6685.	0.	0.	6685.	2158.5	138.	6823.
17	739.	6662.	0.	0.	6662.	2156.3	136.	6798.
18	741.	6633.	0.	0.	6633.	2154.0	135.	6768.
19	746.	6636.	0.	0.	6636.	2151.8	134.	6770.
20	746.	6594.	0.	0.	6594.	2149.5	134.	6728.
21	746.	6552.	0.	0.	6552.	2146.9	134.	6686.
22	726.	6469.	0.	0.	6469.	2144.3	130.	6599.
23	687.	6155.	0.	0.	6155.	2141.8	135.	6290.
24	687.	5947.	0.	0.	5947.	2139.5	135.	6082.
25	687.	5738.	0.	0.	5738.	2137.2	135.	5873.
26	687.	5618.	0.	0.	5618.	2135.0	135.	5753.
27	644.	5545.	0.	0.	5545.	2132.8	112.	5657.
28	675.	5377.	0.	0.	5377.	2130.6	117.	5494.
29	839.	5196.	0.	0.	5196.	2128.7	144.	5340.
30	1402.	4983.	0.	0.	4983.	2127.1	241.	5224.
31	3440.	4437.	0.	0.	4437.	2126.6	871.	5308.
32	9778.	3535.	0.	0.	3535.	2129.4	2596.	6131.
33	9397.	3513.	0.	0.	3513.	2132.1	2495.	6008.
34	9828.	3389.	0.	0.	3389.	2135.0	2608.	5997.
35	11375.	3141.	0.	0.	3141.	2138.7	3021.	6162.
36	23100.	1824.	0.	0.	1824.	2148.3	3145.	4969.
37	24887.	1838.	0.	0.	1838.	2157.3	3387.	5225.
38	17525.	1344.	3845.	0.	5190.	2162.0	2384.	7573.
39	16928.	1152.	4476.	0.	5628.	2166.3	2306.	7934.
40	16991.	850.	5812.	0.	6662.	2170.2	1285.	7947.
41	16954.	809.	5859.	0.	6668.	2174.1	1281.	7949.
42	16164.	729.	6049.	0.	6778.	2177.7	1221.	7999.
43	16576.	756.	5963.	0.	6719.	2181.4	1255.	7974.
44	20226.	534.	0.	10212.	10746.	2185.0	1024.	11770.
45	26317.	2317.	0.	24000.	26317.	2185.0	1283.	27600.
46	19534.	0.	0.	19534.	19534.	2185.0	952.	20486.
47	15004.	0.	0.	15004.	15004.	2185.0	732.	15736.
48	10554.	0.	0.	10554.	10554.	2185.0	525.	11079.
49	6302.	2126.	0.	4177.	6302.	2185.0	862.	7164.
50	5160.	3065.	0.	2095.	5160.	2185.0	707.	5867.
51	5190.	4088.	0.	1102.	5190.	2185.0	712.	5902.
52	5530.	4028.	0.	1502.	5530.	2185.0	755.	6285.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1977 1	3729.	4685.	0.	0.	4685.	2184.6	713.	5398.
2	3045.	5108.	0.	0.	5108.	2183.9	581.	5689.
3	2903.	5476.	0.	0.	5476.	2182.9	555.	6031.
4	2576.	5675.	0.	0.	5675.	2181.7	492.	6167.
5	2139.	5905.	0.	0.	5905.	2180.3	513.	6418.
6	1963.	6182.	0.	0.	6182.	2178.7	475.	6657.
7	1839.	6449.	0.	0.	6449.	2176.9	446.	6895.
8	1736.	6715.	0.	0.	6715.	2175.0	420.	7135.
9	2097.	6923.	0.	0.	6923.	2173.2	503.	7426.
10	1902.	7237.	0.	0.	7237.	2171.2	527.	7764.
11	1722.	7415.	0.	0.	7415.	2169.0	478.	7893.
12	1583.	7206.	0.	0.	7206.	2166.9	437.	7643.
13	1462.	6816.	0.	0.	6816.	2164.8	405.	7221.
14	1442.	6642.	0.	0.	6642.	2162.9	330.	6972.
15	1400.	6626.	0.	0.	6626.	2160.9	320.	6946.
16	1326.	6608.	0.	0.	6608.	2158.9	303.	6911.
17	1294.	6586.	0.	0.	6586.	2156.9	296.	6882.
18	1257.	6560.	0.	0.	6560.	2154.8	286.	6846.
19	1219.	6570.	0.	0.	6570.	2152.8	268.	6838.
20	1197.	6528.	0.	0.	6528.	2150.8	264.	6792.
21	1197.	6485.	0.	0.	6485.	2148.5	264.	6749.
22	1156.	6400.	0.	0.	6400.	2146.2	259.	6659.
23	1106.	6092.	0.	0.	6092.	2143.9	249.	6341.
24	1106.	5883.	0.	0.	5883.	2141.8	249.	6132.
25	1106.	5673.	0.	0.	5673.	2139.7	249.	5922.
26	1106.	5552.	0.	0.	5552.	2137.7	249.	5801.
27	1149.	5448.	0.	0.	5448.	2135.8	289.	5737.
28	1149.	5281.	0.	0.	5281.	2134.0	289.	5570.
29	1211.	5105.	0.	0.	5105.	2132.2	305.	5410.
30	1272.	4931.	0.	0.	4931.	2130.6	320.	5251.
31	1314.	4649.	0.	0.	4649.	2129.1	398.	5047.
32	2267.	4428.	0.	0.	4428.	2128.1	707.	5135.
33	8205.	3487.	0.	0.	3487.	2130.2	2559.	6046.
34	12588.	2770.	0.	0.	2770.	2134.6	3927.	6697.
35	19531.	1779.	0.	0.	1779.	2142.6	5917.	7696.
36	29414.	2080.	0.	0.	2080.	2154.1	3777.	5857.
37	38957.	2428.	0.	0.	2428.	2168.0	5005.	7433.
38	31928.	1915.	0.	0.	1915.	2179.4	4100.	6015.
39	28489.	0.	0.	13789.	13789.	2185.0	3659.	17448.
40	18502.	0.	0.	18502.	18502.	2185.0	1928.	20430.
41	20572.	0.	0.	20572.	20572.	2185.0	2144.	22716.
42	21740.	0.	0.	21740.	21740.	2185.0	2265.	24005.
43	18089.	0.	0.	18089.	18089.	2185.0	1884.	19973.
44	19531.	0.	0.	19531.	19531.	2185.0	1841.	21372.
45	18939.	0.	0.	18939.	18939.	2185.0	1756.	20695.
46	17328.	0.	0.	17328.	17328.	2185.0	1607.	18935.
47	17519.	0.	0.	17519.	17519.	2185.0	1624.	19143.
48	11066.	0.	0.	11066.	11066.	2185.0	1035.	12101.
49	8643.	238.	0.	8405.	8643.	2185.0	1071.	9714.
50	12235.	0.	0.	12235.	12235.	2185.0	1516.	13751.
51	11736.	0.	0.	11736.	11736.	2185.0	1454.	13190.
52	9877.	0.	0.	9877.	9877.	2185.0	1222.	11099.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1978 1	6782.	2610.	0.	4172.	6782.	2185.0	1330.	8112.
2	6882.	2991.	0.	3891.	6882.	2185.0	1347.	8229.
3	6046.	4295.	0.	1751.	6046.	2185.0	1186.	7232.
4	4510.	5487.	0.	0.	5487.	2184.6	885.	6372.
5	3355.	5796.	0.	0.	5796.	2183.7	724.	6520.
6	2862.	6104.	0.	0.	6104.	2182.5	612.	6716.
7	2578.	6382.	0.	0.	6382.	2181.0	553.	6935.
8	2392.	6654.	0.	0.	6654.	2179.4	512.	7166.
9	2223.	6917.	0.	0.	6917.	2177.6	469.	7386.
10	2108.	7266.	0.	0.	7266.	2175.7	415.	7681.
11	2015.	7428.	0.	0.	7428.	2173.6	397.	7825.
12	1955.	7206.	0.	0.	7206.	2171.6	385.	7591.
13	1808.	6816.	0.	0.	6816.	2169.7	355.	7171.
14	1741.	6624.	0.	0.	6624.	2167.9	319.	6943.
15	1641.	6611.	0.	0.	6611.	2166.0	301.	6912.
16	1557.	6592.	0.	0.	6592.	2164.1	286.	6878.
17	1496.	6572.	0.	0.	6572.	2162.1	274.	6846.
18	1403.	6547.	0.	0.	6547.	2160.2	260.	6807.
19	1285.	6547.	0.	0.	6547.	2158.2	263.	6810.
20	1247.	6507.	0.	0.	6507.	2156.2	256.	6763.
21	1247.	6463.	0.	0.	6463.	2154.2	256.	6719.
22	1212.	6379.	0.	0.	6379.	2152.2	248.	6627.
23	1258.	6078.	0.	0.	6078.	2150.4	220.	6298.
24	1258.	5867.	0.	0.	5867.	2148.4	220.	6087.
25	1258.	5656.	0.	0.	5656.	2146.4	220.	5876.
26	1275.	5532.	0.	0.	5532.	2144.5	223.	5755.
27	1251.	5462.	0.	0.	5462.	2142.6	190.	5652.
28	1251.	5296.	0.	0.	5296.	2140.8	190.	5486.
29	1251.	5129.	0.	0.	5129.	2139.1	190.	5319.
30	1322.	4958.	0.	0.	4958.	2137.4	200.	5158.
31	3355.	4737.	0.	0.	4737.	2136.8	149.	4886.
32	11862.	4496.	0.	0.	4496.	2140.1	482.	4978.
33	16195.	3707.	0.	0.	3707.	2145.7	658.	4365.
34	10959.	3507.	0.	0.	3507.	2149.1	445.	3952.
35	11660.	3458.	0.	0.	3458.	2152.3	490.	3948.
36	13979.	1901.	4617.	0.	6518.	2155.2	938.	7456.
37	19417.	1929.	4117.	0.	6046.	2160.2	1303.	7349.
38	16614.	1724.	4604.	0.	6328.	2164.2	1115.	7443.
39	20703.	1672.	4245.	0.	5917.	2169.8	1389.	7306.
40	19608.	1621.	3673.	0.	5294.	2175.2	1716.	7010.
41	18215.	1517.	3969.	0.	5486.	2180.0	1595.	7081.
42	18416.	1481.	3978.	0.	5459.	2185.0	1612.	7071.
43	18064.	0.	0.	17979.	17979.	2185.0	1582.	19561.
44	16600.	0.	0.	16600.	16600.	2185.0	2335.	18935.
45	15674.	0.	0.	15674.	15674.	2185.0	2243.	17917.
46	14572.	0.	0.	14572.	14572.	2185.0	2087.	16659.
47	12160.	0.	0.	12160.	12160.	2185.0	1741.	13901.
48	8756.	0.	0.	8756.	8756.	2185.0	1254.	10010.
49	9287.	0.	0.	9287.	9287.	2185.0	1229.	10516.
50	8372.	623.	0.	7749.	8372.	2185.0	1108.	9480.
51	6293.	2763.	0.	3530.	6293.	2185.0	833.	7126.
52	4696.	4137.	0.	559.	4696.	2185.0	621.	5317.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1979 1	4195.	4704.	0.	0.	4704.	2184.8	810.	5514.
2	4701.	5162.	0.	0.	5162.	2184.6	906.	6068.
3	3796.	5297.	0.	0.	5297.	2184.1	732.	6029.
4	2849.	5644.	0.	0.	5644.	2183.0	549.	6193.
5	2736.	5891.	0.	0.	5891.	2181.8	531.	6422.
6	2368.	6181.	0.	0.	6181.	2180.4	462.	6643.
7	1774.	6486.	0.	0.	6486.	2178.6	347.	6833.
8	1558.	6761.	0.	0.	6761.	2176.6	304.	7065.
9	1502.	7013.	0.	0.	7013.	2174.5	290.	7303.
10	1483.	7351.	0.	0.	7351.	2172.3	265.	7616.
11	1349.	7518.	0.	0.	7518.	2169.9	242.	7760.
12	1214.	7302.	0.	0.	7302.	2167.6	219.	7521.
13	1170.	6902.	0.	0.	6902.	2165.4	211.	7113.
14	1185.	6712.	0.	0.	6712.	2163.3	174.	6886.
15	1138.	6694.	0.	0.	6694.	2161.2	168.	6862.
16	1138.	6669.	0.	0.	6669.	2159.1	168.	6837.
17	1138.	6644.	0.	0.	6644.	2157.0	168.	6812.
18	1059.	6620.	0.	0.	6620.	2154.9	154.	6774.
19	1067.	6624.	0.	0.	6624.	2152.8	151.	6775.
20	1067.	6580.	0.	0.	6580.	2150.7	151.	6731.
21	1067.	6538.	0.	0.	6538.	2148.4	151.	6689.
22	989.	6458.	0.	0.	6458.	2145.9	137.	6595.
23	1113.	6183.	0.	0.	6183.	2143.6	56.	6239.
24	1113.	5975.	0.	0.	5975.	2141.5	56.	6031.
25	1113.	5765.	0.	0.	5765.	2139.4	56.	5821.
26	1113.	5644.	0.	0.	5644.	2137.3	56.	5700.
27	1064.	5554.	0.	0.	5554.	2135.3	67.	5621.
28	1113.	5386.	0.	0.	5386.	2133.4	71.	5457.
29	1228.	5215.	0.	0.	5215.	2131.6	77.	5292.
30	1545.	5040.	0.	0.	5040.	2130.0	95.	5135.
31	2451.	4751.	0.	0.	4751.	2129.0	187.	4938.
32	4633.	4588.	0.	0.	4588.	2129.0	365.	4953.
33	10811.	3823.	0.	0.	3823.	2132.1	851.	4674.
34	17246.	3864.	0.	0.	3864.	2138.2	1358.	5222.
35	28470.	4087.	0.	0.	4087.	2149.1	2193.	6280.
36	25470.	1280.	600.	0.	1880.	2158.2	1213.	3093.
37	21379.	1101.	6208.	0.	7308.	2163.6	1018.	8326.
38	19302.	925.	6549.	0.	7473.	2168.1	918.	8391.
39	23880.	883.	6226.	0.	7109.	2174.4	1138.	8247.
40	22832.	1034.	4427.	0.	5461.	2181.0	2250.	7711.
41	22584.	0.	0.	12149.	12149.	2185.0	2227.	14376.
42	27495.	3495.	0.	24000.	27495.	2185.0	2710.	30205.
43	28100.	4100.	0.	24000.	28100.	2185.0	2768.	30868.
44	21732.	0.	0.	21732.	21732.	2185.0	3135.	24867.
45	20346.	0.	0.	20346.	20346.	2185.0	2980.	23326.
46	16431.	0.	0.	16431.	16431.	2185.0	2407.	18838.
47	13993.	0.	0.	13993.	13993.	2185.0	2050.	16043.
48	12415.	0.	0.	12415.	12415.	2185.0	1817.	14232.
49	7911.	966.	0.	6945.	7911.	2185.0	923.	8834.
50	7704.	1346.	0.	6358.	7704.	2185.0	902.	8606.
51	11339.	0.	0.	11339.	11339.	2185.0	1324.	12663.
52	8978.	509.	0.	8469.	8978.	2185.0	1049.	10027.

TABLE 6 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1980 1	6672.	3129.	0.	3543.	6672.	2185.0	814.	7486.
2	8469.	1940.	0.	6529.	8469.	2185.0	1032.	9501.
3	5948.	4758.	0.	1190.	5948.	2185.0	725.	6673.
4	4395.	5646.	0.	0.	5646.	2184.5	535.	6181.
5	4084.	5896.	0.	0.	5896.	2183.8	504.	6400.
6	3698.	6177.	0.	0.	6177.	2182.9	450.	6627.
7	4120.	6403.	0.	0.	6403.	2182.0	501.	6904.
8	2949.	6718.	0.	0.	6718.	2180.6	360.	7078.
9	2811.	6970.	0.	0.	6970.	2179.0	340.	7310.
10	2297.	7321.	0.	0.	7321.	2177.1	279.	7600.
11	2069.	7487.	0.	0.	7487.	2175.1	252.	7739.
12	1890.	7270.	0.	0.	7270.	2173.0	229.	7499.
13	1711.	6877.	0.	0.	6877.	2171.0	207.	7084.
14	1607.	6676.	0.	0.	6676.	2169.1	194.	6870.
15	1535.	6658.	0.	0.	6658.	2167.2	187.	6845.
16	1451.	6637.	0.	0.	6637.	2165.2	177.	6814.
17	1379.	6615.	0.	0.	6615.	2163.2	168.	6783.
18	1345.	6587.	0.	0.	6587.	2161.2	162.	6749.
19	1285.	6592.	0.	0.	6592.	2159.2	155.	6747.
20	1224.	6552.	0.	0.	6552.	2157.2	148.	6700.
21	1176.	6511.	0.	0.	6511.	2155.2	143.	6654.
22	1175.	6422.	0.	0.	6422.	2153.2	145.	6567.
23	1177.	6109.	0.	0.	6109.	2151.3	144.	6253.
24	1177.	5898.	0.	0.	5898.	2149.4	144.	6042.
25	1177.	5687.	0.	0.	5687.	2147.4	144.	5831.
26	1177.	5565.	0.	0.	5565.	2145.4	144.	5709.
27	1122.	5482.	0.	0.	5482.	2143.4	138.	5620.
28	1122.	5317.	0.	0.	5317.	2141.6	138.	5455.
29	1179.	5146.	0.	0.	5146.	2139.8	145.	5291.
30	1604.	4957.	0.	0.	4957.	2138.3	196.	5153.
31	3462.	4610.	0.	0.	4610.	2137.7	413.	5023.
32	8212.	4252.	0.	0.	4252.	2139.5	1000.	5252.
33	11764.	3979.	0.	0.	3979.	2143.0	1432.	5411.
34	10518.	3888.	0.	0.	3888.	2146.0	1283.	5171.
35	16714.	3649.	0.	0.	3649.	2151.6	2054.	5703.
36	25823.	2996.	0.	0.	2996.	2160.3	3150.	6146.
37	20349.	2548.	0.	0.	2548.	2167.0	2482.	5030.
38	26351.	3039.	0.	0.	3039.	2175.9	3214.	6253.
39	22988.	2507.	0.	0.	2507.	2183.7	2804.	5311.
40	26281.	0.	0.	22759.	22759.	2185.0	3220.	25979.
41	26663.	2663.	0.	24000.	26663.	2185.0	3270.	29933.
42	28137.	4137.	0.	24000.	28137.	2185.0	3448.	31585.
43	25275.	1275.	0.	24000.	25275.	2185.0	3097.	28372.
44	28150.	4150.	0.	24000.	28150.	2185.0	3290.	31440.
45	19051.	0.	0.	19051.	19051.	2185.0	2351.	21402.
46	18006.	0.	0.	18006.	18006.	2185.0	2224.	20230.
47	16331.	0.	0.	16331.	16331.	2185.0	2015.	18346.
48	11948.	0.	0.	11948.	11948.	2185.0	1465.	13413.
49	8723.	179.	0.	8544.	8723.	2185.0	1063.	9786.
50	9329.	0.	0.	9329.	9329.	2185.0	1136.	10465.
51	15679.	0.	0.	15679.	15679.	2185.0	1913.	17592.
52	10243.	0.	0.	10243.	10243.	2185.0	1249.	11492.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1981 1	8532.	1517.	0.	7015.	8532.	2185.0	902.	9434.
2	7605.	2842.	0.	4763.	7605.	2185.0	804.	8409.
3	6326.	4492.	0.	1834.	6326.	2185.0	668.	6994.
4	5214.	5638.	0.	0.	5638.	2184.8	551.	6189.
5	3950.	5924.	0.	0.	5924.	2184.1	439.	6363.
6	3534.	6201.	0.	0.	6201.	2183.1	395.	6596.
7	2637.	6497.	0.	0.	6497.	2181.6	295.	6792.
8	2685.	6747.	0.	0.	6747.	2180.1	300.	7047.
9	2707.	6995.	0.	0.	6995.	2178.4	291.	7286.
10	2175.	7432.	0.	0.	7432.	2176.4	41.	7473.
11	1678.	7591.	0.	0.	7591.	2174.2	32.	7623.
12	1578.	7366.	0.	0.	7366.	2172.0	30.	7396.
13	1516.	6963.	0.	0.	6963.	2169.9	30.	6993.
14	1448.	6735.	0.	0.	6735.	2167.9	76.	6811.
15	1684.	6708.	0.	0.	6708.	2166.0	91.	6799.
16	1961.	6675.	0.	0.	6675.	2164.2	105.	6780.
17	2118.	6644.	0.	0.	6644.	2162.5	114.	6758.
18	2142.	6609.	0.	0.	6609.	2160.8	120.	6729.
19	1911.	6513.	0.	0.	6513.	2159.1	329.	6842.
20	1594.	6494.	0.	0.	6494.	2157.2	274.	6768.
21	1265.	6475.	0.	0.	6475.	2155.2	219.	6694.
22	1190.	6396.	0.	0.	6396.	2153.2	201.	6597.
23	1194.	6084.	0.	0.	6084.	2151.4	197.	6281.
24	1274.	5867.	0.	0.	5867.	2149.6	210.	6077.
25	1297.	5654.	0.	0.	5654.	2147.6	213.	5867.
26	1314.	5531.	0.	0.	5531.	2145.7	215.	5746.
27	1238.	5447.	0.	0.	5447.	2143.8	211.	5658.
28	1291.	5277.	0.	0.	5277.	2142.0	219.	5496.
29	1373.	5102.	0.	0.	5102.	2140.3	235.	5337.
30	1779.	4903.	0.	0.	4903.	2138.9	304.	5207.
31	4737.	4584.	0.	0.	4584.	2139.0	459.	5043.
32	17566.	3924.	0.	0.	3924.	2145.1	1673.	5597.
33	17640.	3841.	0.	0.	3841.	2151.1	1681.	5522.
34	11625.	3954.	0.	0.	3954.	2154.1	1108.	5062.
35	19077.	3734.	0.	0.	3734.	2159.9	1807.	5541.
36	16465.	1041.	691.	0.	1732.	2165.5	1626.	3358.
37	14949.	937.	6098.	0.	7035.	2168.5	1476.	8511.
38	16085.	850.	6035.	0.	6885.	2172.0	1589.	8474.
39	18788.	763.	5768.	0.	6531.	2176.6	1856.	8387.
40	14090.	1348.	3914.	0.	5261.	2180.0	2067.	7328.
41	33261.	0.	0.	20080.	20080.	2185.0	4877.	24957.
42	32516.	7339.	0.	24000.	31339.	2185.4	4767.	36106.
43	29007.	6184.	0.	24000.	30184.	2185.0	4251.	34435.
44	31168.	7168.	0.	24000.	31168.	2185.0	4899.	36067.
45	30077.	6077.	0.	24000.	30077.	2185.0	4627.	34704.
46	38871.	7756.	0.	24000.	31756.	2187.7	5981.	37737.
47	30803.	7872.	0.	24000.	31872.	2187.3	4738.	36610.
48	20647.	2693.	0.	24000.	26693.	2185.0	3185.	29878.
49	15158.	0.	0.	15158.	15158.	2185.0	1735.	16893.
50	12220.	0.	0.	12220.	12220.	2185.0	1400.	13620.
51	10197.	0.	0.	10197.	10197.	2185.0	1169.	11366.
52	8299.	1151.	0.	7148.	8299.	2185.0	952.	9251.

TABLE 6(Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYOR ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1982 1	5901.	3889.	0.	2012.	5901.	2185.0	668.	6569.
2	5560.	4681.	0.	879.	5560.	2185.0	630.	6190.
3	5713.	5017.	0.	696.	5713.	2185.0	648.	6361.
4	6627.	4653.	0.	1974.	6627.	2185.0	749.	7376.
5	3364.	5770.	0.	0.	5770.	2184.1	777.	6547.
6	2845.	6077.	0.	0.	6077.	2182.9	668.	6745.
7	2782.	6335.	0.	0.	6335.	2181.5	654.	6989.
8	2339.	6634.	0.	0.	6634.	2179.9	550.	7184.
9	2057.	6912.	0.	0.	6912.	2178.0	477.	7389.
10	1971.	7290.	0.	0.	7290.	2176.0	357.	7647.
11	1860.	7456.	0.	0.	7456.	2173.9	333.	7789.
12	1794.	7234.	0.	0.	7234.	2171.8	321.	7555.
13	1794.	6830.	0.	0.	6830.	2169.9	321.	7151.
14	1697.	6592.	0.	0.	6592.	2168.0	387.	6979.
15	1695.	6570.	0.	0.	6570.	2166.2	388.	6958.
16	1695.	6544.	0.	0.	6544.	2164.4	388.	6932.
17	1695.	6517.	0.	0.	6517.	2162.5	388.	6905.
18	1729.	6491.	0.	0.	6491.	2160.7	377.	6868.
19	1662.	6458.	0.	0.	6458.	2158.9	449.	6907.
20	1213.	6470.	0.	0.	6470.	2156.9	329.	6799.
21	881.	6468.	0.	0.	6468.	2154.8	238.	6706.
22	767.	6392.	0.	0.	6392.	2152.6	215.	6607.
23	826.	6097.	0.	0.	6097.	2150.6	175.	6272.
24	826.	5887.	0.	0.	5887.	2148.5	175.	6062.
25	874.	5672.	0.	0.	5672.	2146.3	186.	5858.
26	1123.	5525.	0.	0.	5525.	2144.3	240.	5765.
27	956.	5398.	0.	0.	5398.	2142.3	330.	5728.
28	956.	5232.	0.	0.	5232.	2140.4	330.	5562.
29	1057.	5049.	0.	0.	5049.	2138.6	363.	5412.
30	1403.	4827.	0.	0.	4827.	2137.1	483.	5310.
31	2641.	4624.	0.	0.	4624.	2136.2	394.	5018.
32	6274.	4291.	0.	0.	4291.	2137.1	933.	5224.
33	11618.	3848.	0.	0.	3848.	2140.6	1727.	5575.
34	15603.	3497.	0.	0.	3497.	2146.0	2317.	5814.
35	17916.	3293.	0.	0.	3293.	2152.2	2627.	5920.
36	21638.	1825.	0.	0.	1825.	2159.7	3012.	4837.
37	18090.	1549.	1251.	0.	2800.	2165.5	2519.	5319.
38	23883.	1782.	2244.	0.	4026.	2173.1	3326.	7352.
39	23173.	1571.	2602.	0.	4173.	2180.3	3229.	7402.
40	16689.	620.	5569.	0.	6189.	2184.3	2021.	8210.
41	20637.	0.	0.	18730.	18730.	2185.0	2499.	21229.
42	20979.	0.	0.	20979.	20979.	2185.0	2542.	23521.
43	23533.	0.	0.	23533.	23533.	2185.0	2853.	26386.
44	20306.	0.	0.	20306.	20306.	2185.0	1997.	22303.
45	13970.	0.	0.	13970.	13970.	2185.0	1416.	15386.
46	12157.	0.	0.	12157.	12157.	2185.0	1231.	13388.
47	10610.	0.	0.	10610.	10610.	2185.0	1074.	11684.
48	11835.	0.	0.	11835.	11835.	2185.0	1200.	13035.
49	10670.	0.	0.	10670.	10670.	2185.0	1878.	12548.
50	13360.	0.	0.	13360.	13360.	2185.0	2353.	15713.
51	21010.	0.	0.	21010.	21010.	2185.0	3702.	24712.
52	11582.	0.	0.	11582.	11582.	2185.0	2038.	13620.

TABLE 6 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYER RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1983 1	7782.	1470.	0.	6312.	7782.	2185.0	1709.	9491.
2	6119.	3625.	0.	2494.	6119.	2185.0	1345.	7464.
3	4982.	5130.	0.	0.	5130.	2184.9	1095.	6225.
4	2921.	5599.	0.	0.	5599.	2183.9	641.	6240.
5	2384.	5958.	0.	0.	5958.	2182.6	376.	6334.
6	2252.	6234.	0.	0.	6234.	2181.1	338.	6572.
7	2137.	6495.	0.	0.	6495.	2179.4	321.	6816.
8	1997.	6758.	0.	0.	6758.	2177.6	300.	7058.
9	1944.	7008.	0.	0.	7008.	2175.7	291.	7299.
10	1850.	7332.	0.	0.	7332.	2173.6	292.	7624.
11	1850.	7487.	0.	0.	7487.	2171.4	292.	7779.
12	1850.	7260.	0.	0.	7260.	2169.4	292.	7552.
13	1965.	6847.	0.	0.	6847.	2167.5	309.	7156.
14	2201.	6612.	0.	0.	6612.	2165.9	368.	6980.
15	1906.	6612.	0.	0.	6612.	2164.1	319.	6931.
16	1690.	6602.	0.	0.	6602.	2162.2	284.	6886.
17	1588.	6584.	0.	0.	6584.	2160.3	266.	6850.
18	1553.	6555.	0.	0.	6555.	2158.4	260.	6815.
19	1535.	6568.	0.	0.	6568.	2156.5	234.	6802.
20	1650.	6516.	0.	0.	6516.	2154.6	252.	6768.
21	1685.	6469.	0.	0.	6469.	2152.8	257.	6726.
22	1583.	6389.	0.	0.	6389.	2151.0	238.	6627.
23	1534.	6104.	0.	0.	6104.	2149.1	176.	6280.
24	1437.	5898.	0.	0.	5898.	2147.1	165.	6063.
25	1389.	5689.	0.	0.	5689.	2145.2	159.	5848.
26	1280.	5573.	0.	0.	5573.	2143.3	147.	5720.
27	1185.	5484.	0.	0.	5484.	2141.3	156.	5640.
28	1208.	5317.	0.	0.	5317.	2139.5	158.	5475.
29	1411.	5137.	0.	0.	5137.	2137.8	185.	5322.
30	1907.	4939.	0.	0.	4939.	2136.4	251.	5190.
31	3484.	4523.	0.	0.	4523.	2136.0	612.	5135.
32	8419.	4010.	0.	0.	4010.	2138.0	1528.	5538.
33	14537.	3416.	0.	0.	3416.	2143.0	2639.	6055.
34	12909.	3479.	0.	0.	3479.	2147.2	2344.	5823.
35	18671.	2966.	0.	0.	2966.	2153.6	3325.	6291.
36	23758.	1310.	0.	0.	1310.	2162.1	2687.	3997.
37	17019.	1056.	4378.	0.	5435.	2166.5	1923.	7358.
38	20754.	1065.	4803.	0.	5868.	2172.2	2348.	8216.
39	20568.	898.	4999.	0.	5897.	2177.8	2326.	8223.
40	22463.	907.	5185.	0.	6092.	2184.0	1769.	7861.
41	19352.	0.	0.	16659.	16659.	2185.0	1523.	18182.
42	16152.	0.	0.	16152.	16152.	2185.0	1271.	17423.
43	17431.	0.	0.	17431.	17431.	2185.0	1370.	18801.
44	17935.	0.	0.	17935.	17935.	2185.0	2009.	19944.
45	22829.	0.	0.	22829.	22829.	2185.0	2559.	25388.
46	21149.	0.	0.	21149.	21149.	2185.0	2371.	23520.
47	18683.	0.	0.	18683.	18683.	2185.0	2095.	20778.
48	22728.	0.	0.	22728.	22728.	2185.0	2556.	25284.
49	15528.	0.	0.	15528.	15528.	2185.0	2163.	17691.
50	9607.	0.	0.	9607.	9607.	2185.0	1339.	10946.
51	8465.	679.	0.	7786.	8465.	2185.0	1179.	9644.
52	9728.	0.	0.	9728.	9728.	2185.0	1357.	11085.

**TABLE 7**

TABLE 7

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, ATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	ENVIRONMENTAL RELEASE	OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	RI ELEVATION	ND OF WEEK ERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)	
1951 1	5053.	5745.	0.	0.	5745.	53.9	255.	6000.	
2	5463.	5774.	0.	0.	5774.	53.4	226.	6000.	
3	6293.	5290.	0.	0.	5290.	55.0	198.	5488.	
4	6013.	6013.	0.	0.	6013.	55.0	113.	6126.	
5	6214.	6214.	0.	0.	6214.	55.0	81.	6295.	
6	6470.	6470.	0.	0.	6470.	55.0	78.	6548.	
7	6721.	6721.	0.	0.	6721.	55.0	73.	6794.	
8	6974.	6974.	0.	0.	6974.	55.0	70.	7044.	
9	7219.	7219.	0.	0.	7219.	55.0	66.	7285.	
10	7555.	7555.	0.	0.	7555.	55.0	71.	7626.	
11	7713.	7713.	0.	0.	7713.	55.0	71.	7784.	
12	7487.	7487.	0.	0.	7487.	55.0	71.	7558.	
13	7083.	7083.	0.	0.	7083.	55.0	71.	7154.	
14	6862.	6862.	0.	0.	6862.	55.0	52.	6914.	
15	6842.	6842.	0.	0.	6842.	55.0	49.	6891.	
16	6818.	6818.	0.	0.	6818.	55.0	49.	6867.	
17	6793.	6793.	0.	0.	6793.	55.0	49.	6842.	
18	6760.	6760.	0.	0.	6760.	55.0	51.	6811.	
19	6766.	6766.	0.	0.	6766.	55.0	57.	6823.	
20	6725.	6725.	0.	0.	6725.	55.0	57.	6782.	
21	6685.	6685.	0.	0.	6685.	55.0	57.	6742.	
22	6600.	6600.	0.	0.	6600.	55.0	54.	6654.	
23	6280.	6280.	0.	0.	6280.	55.0	47.	6327.	
24	6071.	6071.	0.	0.	6071.	55.0	47.	6118.	
25	5862.	5862.	0.	0.	5862.	55.0	47.	5909.	
26	5742.	5742.	0.	0.	5742.	55.0	47.	5789.	
27	5665.	5665.	0.	0.	5665.	55.0	142.	5807.	
28	5511.	5511.	0.	0.	5511.	55.0	185.	5696.	
29	5376.	5376.	0.	0.	5376.	55.0	282.	5658.	
30	5275.	5275.	0.	0.	5275.	55.0	491.	5766.	
31	5209.	5209.	0.	0.	5209.	55.0	579.	5788.	
32	5790.	5790.	0.	0.	5790.	55.0	1059.	6849.	
33	5825.	5825.	0.	0.	5825.	55.0	1177.	7002.	
34	4967.	5415.	0.	0.	5415.	454.3	585.	6000.	
35	5760.	5312.	0.	0.	5312.	455.0	977.	6289.	
36	3333.	8180.	0.	0.	8180.	446.5	820.	9000.	
37	8151.	8408.	0.	0.	8408.	446.0	592.	9000.	
38	8625.	8625.	0.	0.	8625.	446.0	375.	9000.	
39	8471.	8471.	0.	0.	8471.	446.0	529.	9000.	
40	8349.	8349.	0.	0.	8349.	446.0	651.	9000.	
41	8236.	8236.	0.	0.	8236.	446.0	764.	9000.	
42	8270.	8270.	0.	0.	8270.	446.0	730.	9000.	
43	8328.	8328.	0.	0.	8328.	446.0	672.	9000.	
44	11614.	7630.	0.	0.	7630.	453.2	1370.	9000.	
45	16216.	9155.	0.	5941.	15096.	455.0	1398.	16494.	
46	17229.	9303.	0.	7926.	17229.	455.0	1485.	18714.	
47	16860.	9454.	0.	7406.	16860.	455.0	1454.	18314.	
48	23677.	9772.	0.	13905.	23677.	455.0	1923.	25600.	
49	28254.	9438.	0.	18816.	28254.	455.0	1803.	30057.	
50	17550.	10269.	0.	7281.	17550.	455.0	1121.	18671.	
51	18128.	10502.	0.	7626.	18128.	455.0	1158.	19286.	
52	15345.	10668.	0.	4677.	15345.	455.0	980.	16325.	

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1952 1	8578.	8578.	0.	0.	8578.	1455.0	651.	9229.
2	5737.	5737.	0.	0.	5737.	1455.0	436.	6173.
3	5898.	5898.	0.	0.	5898.	1455.0	317.	6215.
4	6103.	6103.	0.	0.	6103.	1455.0	246.	6349.
5	6394.	6394.	0.	0.	6394.	1455.0	225.	6619.
6	6631.	6631.	0.	0.	6631.	1455.0	153.	6784.
7	6821.	6821.	0.	0.	6821.	1455.0	113.	6934.
8	7073.	7073.	0.	0.	7073.	1455.0	112.	7185.
9	7305.	7305.	0.	0.	7305.	1455.0	126.	7431.
10	7607.	7607.	0.	0.	7607.	1455.0	156.	7763.
11	7763.	7763.	0.	0.	7763.	1455.0	156.	7919.
12	7536.	7536.	0.	0.	7536.	1455.0	156.	7692.
13	7132.	7132.	0.	0.	7132.	1455.0	156.	7288.
14	6905.	6905.	0.	0.	6905.	1455.0	96.	7001.
15	6882.	6882.	0.	0.	6882.	1455.0	88.	6970.
16	6856.	6856.	0.	0.	6856.	1455.0	88.	6944.
17	6830.	6830.	0.	0.	6830.	1455.0	88.	6918.
18	6779.	6779.	0.	0.	6779.	1455.0	101.	6880.
19	6738.	6738.	0.	0.	6738.	1455.0	87.	6825.
20	6696.	6696.	0.	0.	6696.	1455.0	87.	6783.
21	6653.	6653.	0.	0.	6653.	1455.0	87.	6740.
22	6566.	6566.	0.	0.	6566.	1455.0	73.	6639.
23	6254.	6254.	0.	0.	6254.	1455.0	57.	6311.
24	6046.	6046.	0.	0.	6046.	1455.0	57.	6103.
25	5838.	5838.	0.	0.	5838.	1455.0	57.	5895.
26	5718.	5718.	0.	0.	5718.	1455.0	57.	5775.
27	5621.	5621.	0.	0.	5621.	1455.0	55.	5676.
28	5455.	5455.	0.	0.	5455.	1455.0	55.	5510.
29	5288.	5288.	0.	0.	5288.	1455.0	55.	5343.
30	5122.	5122.	0.	0.	5122.	1455.0	55.	5177.
31	4927.	4927.	0.	0.	4927.	1455.0	121.	5048.
32	4883.	4883.	0.	0.	4883.	1455.0	166.	5049.
33	4051.	5773.	0.	0.	5773.	1452.3	227.	6000.
34	4535.	5508.	0.	0.	5508.	1450.7	492.	6000.
35	7473.	4778.	0.	0.	4778.	1455.0	2121.	6899.
36	5294.	7337.	0.	0.	7337.	1451.7	1663.	9000.
37	7118.	6645.	0.	0.	6645.	1452.5	2355.	9000.
38	7523.	6447.	0.	0.	6447.	1454.2	2553.	9000.
39	6502.	6741.	0.	0.	6741.	1453.8	2259.	9000.
40	3822.	7826.	0.	0.	7826.	1446.7	1174.	9000.
41	7802.	8167.	0.	0.	8167.	1446.0	833.	9000.
42	18817.	8837.	0.	4876.	13713.	1455.0	1065.	14778.
43	26032.	8830.	0.	17202.	26032.	1455.0	1154.	27186.
44	34530.	1087.	0.	33443.	34530.	1455.0	2713.	37243.
45	22572.	9168.	0.	13404.	22572.	1455.0	2499.	25071.
46	17722.	9304.	0.	8418.	17722.	1455.0	1964.	19686.
47	13454.	9439.	0.	4015.	13454.	1455.0	1489.	14943.
48	15784.	9744.	0.	6040.	15784.	1455.0	1545.	17329.
49	18093.	10040.	0.	8053.	18093.	1455.0	793.	18886.
50	12236.	10244.	0.	1992.	12236.	1455.0	535.	12771.
51	10567.	10465.	0.	102.	10567.	1455.0	462.	11029.
52	12646.	10653.	0.	1993.	12646.	1455.0	554.	13200.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1953 1	10249.	10249.	0.	0.	10249.	1455.0	894.	11143.
2	9557.	9557.	0.	0.	9557.	1455.0	833.	10390.
3	6653.	6653.	0.	0.	6653.	1455.0	580.	7233.
4	6325.	6325.	0.	0.	6325.	1455.0	423.	6748.
5	6503.	6503.	0.	0.	6503.	1455.0	360.	6863.
6	6699.	6699.	0.	0.	6699.	1455.0	299.	6998.
7	6837.	6837.	0.	0.	6837.	1455.0	192.	7029.
8	7135.	7135.	0.	0.	7135.	1455.0	234.	7369.
9	7309.	7309.	0.	0.	7309.	1455.0	188.	7497.
10	7602.	7602.	0.	0.	7602.	1455.0	182.	7784.
11	7758.	7758.	0.	0.	7758.	1455.0	182.	7940.
12	7532.	7532.	0.	0.	7532.	1455.0	182.	7714.
13	7129.	7129.	0.	0.	7129.	1455.0	182.	7311.
14	6883.	6883.	0.	0.	6883.	1455.0	110.	6993.
15	6855.	6855.	0.	0.	6855.	1455.0	99.	6955.
16	6831.	6831.	0.	0.	6831.	1455.0	99.	6930.
17	6806.	6806.	0.	0.	6806.	1455.0	99.	6905.
18	6765.	6765.	0.	0.	6765.	1455.0	98.	6863.
19	6752.	6752.	0.	0.	6752.	1455.0	92.	6844.
20	6710.	6710.	0.	0.	6710.	1455.0	92.	6802.
21	6667.	6667.	0.	0.	6667.	1455.0	92.	6759.
22	6582.	6582.	0.	0.	6582.	1455.0	83.	6665.
23	6249.	6249.	0.	0.	6249.	1455.0	50.	6299.
24	6040.	6040.	0.	0.	6040.	1455.0	50.	6090.
25	5832.	5832.	0.	0.	5832.	1455.0	50.	5882.
26	5712.	5712.	0.	0.	5712.	1455.0	50.	5762.
27	5595.	5595.	0.	0.	5595.	1455.0	415.	6010.
28	5430.	5430.	0.	0.	5430.	1455.0	415.	5845.
29	5273.	5273.	0.	0.	5273.	1455.0	671.	5944.
30	5122.	5122.	0.	0.	5122.	1455.0	1116.	6238.
31	5713.	5713.	0.	0.	5713.	1455.0	2447.	8160.
32	6050.	6050.	0.	0.	6050.	1455.0	663.	6713.
33	5856.	5856.	0.	0.	5856.	1455.0	604.	6460.
34	6650.	6650.	0.	0.	6650.	1455.0	1040.	7690.
35	6146.	6146.	0.	0.	6146.	1455.0	1028.	7174.
36	7059.	7059.	0.	0.	7059.	1455.0	2431.	9490.
37	5760.	7123.	0.	0.	7123.	1452.8	1877.	9000.
38	4677.	7472.	0.	0.	7472.	1447.9	1528.	9000.
39	6866.	7211.	0.	0.	7211.	1447.2	1789.	9000.
40	19114.	8917.	0.	5693.	14611.	1455.0	1115.	15725.
41	17262.	8832.	0.	8430.	17262.	1455.0	1009.	18271.
42	18775.	8795.	0.	9980.	18775.	1455.0	1096.	19871.
43	19518.	8809.	0.	10709.	19518.	1455.0	1139.	20657.
44	24005.	9159.	0.	14846.	24005.	1455.0	1638.	25643.
45	20575.	9161.	0.	11414.	20575.	1455.0	1282.	21857.
46	16487.	9300.	0.	7187.	16487.	1455.0	1027.	17514.
47	16972.	9454.	0.	7518.	16972.	1455.0	1057.	18029.
48	20191.	9760.	0.	10431.	20191.	1455.0	1309.	21500.
49	17049.	10036.	0.	7013.	17049.	1455.0	1737.	18786.
50	15531.	10261.	0.	5270.	15531.	1455.0	1583.	17114.
51	12951.	10478.	0.	2473.	12951.	1455.0	1320.	14271.
52	9867.	9867.	0.	0.	9867.	1455.0	1006.	10873.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1954 1	7420.	7420.	0.	0.	7420.	1455.0	699.	8119.
2	6152.	6152.	0.	0.	6152.	1455.0	581.	6733.
3	6057.	6057.	0.	0.	6057.	1455.0	426.	6483.
4	6234.	6234.	0.	0.	6234.	1455.0	340.	6574.
5	6337.	6337.	0.	0.	6337.	1455.0	202.	6539.
6	6581.	6581.	0.	0.	6581.	1455.0	186.	6767.
7	6820.	6820.	0.	0.	6820.	1455.0	172.	6992.
8	7064.	7064.	0.	0.	7064.	1455.0	161.	7225.
9	7295.	7295.	0.	0.	7295.	1455.0	153.	7448.
10	7583.	7583.	0.	0.	7583.	1455.0	126.	7709.
11	7740.	7740.	0.	0.	7740.	1455.0	126.	7866.
12	7514.	7514.	0.	0.	7514.	1455.0	126.	7640.
13	7110.	7110.	0.	0.	7110.	1455.0	126.	7236.
14	6870.	6870.	0.	0.	6870.	1455.0	69.	6939.
15	6849.	6849.	0.	0.	6849.	1455.0	64.	6913.
16	6824.	6824.	0.	0.	6824.	1455.0	64.	6888.
17	6798.	6798.	0.	0.	6798.	1455.0	64.	6862.
18	6761.	6761.	0.	0.	6761.	1455.0	66.	6827.
19	6767.	6767.	0.	0.	6767.	1455.0	77.	6844.
20	6724.	6724.	0.	0.	6724.	1455.0	77.	6801.
21	6682.	6682.	0.	0.	6682.	1455.0	77.	6759.
22	6591.	6591.	0.	0.	6591.	1455.0	72.	6663.
23	6264.	6264.	0.	0.	6264.	1455.0	62.	6326.
24	6056.	6056.	0.	0.	6056.	1455.0	62.	6118.
25	5847.	5847.	0.	0.	5847.	1455.0	62.	5909.
26	5728.	5728.	0.	0.	5728.	1455.0	62.	5790.
27	5639.	5639.	0.	0.	5639.	1455.0	285.	5924.
28	5473.	5473.	0.	0.	5473.	1455.0	285.	5758.
29	5336.	5336.	0.	0.	5336.	1455.0	490.	5826.
30	5175.	5175.	0.	0.	5175.	1455.0	524.	5699.
31	5523.	5523.	0.	0.	5523.	1455.0	1155.	6678.
32	6140.	6140.	0.	0.	6140.	1455.0	1152.	7292.
33	6923.	6923.	0.	0.	6923.	1455.0	1865.	8788.
34	7176.	7176.	0.	0.	7176.	1455.0	2140.	9316.
35	6984.	6984.	0.	0.	6984.	1455.0	2170.	9154.
36	5937.	6988.	0.	0.	6988.	1453.3	2012.	9000.
37	5597.	7068.	0.	0.	7068.	1451.0	1932.	9000.
38	5294.	7146.	0.	0.	7146.	1447.5	1854.	9000.
39	6203.	6748.	0.	0.	6748.	1446.4	2252.	9000.
40	5943.	6127.	0.	0.	6127.	1446.0	2873.	9000.
41	6708.	6708.	0.	0.	6708.	1446.0	2292.	9000.
42	12193.	7090.	0.	0.	7090.	1455.0	2229.	9319.
43	16771.	8800.	0.	7971.	16771.	1455.0	2229.	19000.
44	29010.	8436.	0.	20574.	29010.	1455.0	2133.	31143.
45	23623.	9172.	0.	14451.	23623.	1455.0	377.	24000.
46	23623.	9325.	0.	14299.	23623.	1455.0	377.	24000.
47	23623.	9478.	0.	14146.	23623.	1455.0	377.	24000.
48	22350.	9767.	0.	12583.	22350.	1455.0	650.	23000.
49	14288.	10024.	0.	4264.	14288.	1455.0	1998.	16286.
50	12282.	10244.	0.	2038.	12282.	1455.0	1718.	14000.
51	11456.	10470.	0.	986.	11456.	1455.0	1601.	13057.
52	7355.	7355.	0.	0.	7355.	1455.0	1028.	8383.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1955 1	5953.	5953.	0.	0.	5953.	1455.0	547.	6500.
2	5985.	5985.	0.	0.	5985.	1455.0	516.	6501.
3	6094.	6094.	0.	0.	6094.	1455.0	389.	6483.
4	6358.	6358.	0.	0.	6358.	1455.0	389.	6747.
5	6458.	6458.	0.	0.	6458.	1455.0	370.	6828.
6	6652.	6652.	0.	0.	6652.	1455.0	363.	7015.
7	6891.	6891.	0.	0.	6891.	1455.0	342.	7233.
8	7116.	7116.	0.	0.	7116.	1455.0	303.	7419.
9	7352.	7352.	0.	0.	7352.	1455.0	274.	7626.
10	7652.	7652.	0.	0.	7652.	1455.0	205.	7857.
11	7805.	7805.	0.	0.	7805.	1455.0	201.	8006.
12	7556.	7556.	0.	0.	7556.	1455.0	177.	7733.
13	7152.	7152.	0.	0.	7152.	1455.0	177.	7329.
14	6944.	6944.	0.	0.	6944.	1455.0	148.	7092.
15	6924.	6924.	0.	0.	6924.	1455.0	145.	7069.
16	6875.	6875.	0.	0.	6875.	1455.0	125.	7000.
17	6840.	6840.	0.	0.	6840.	1455.0	117.	6957.
18	6804.	6804.	0.	0.	6804.	1455.0	113.	6917.
19	6809.	6809.	0.	0.	6809.	1455.0	120.	6929.
20	6765.	6765.	0.	0.	6765.	1455.0	120.	6885.
21	6722.	6722.	0.	0.	6722.	1455.0	120.	6842.
22	6622.	6622.	0.	0.	6622.	1455.0	118.	6740.
23	6271.	6271.	0.	0.	6271.	1455.0	90.	6361.
24	6062.	6062.	0.	0.	6062.	1455.0	90.	6152.
25	5853.	5853.	0.	0.	5853.	1455.0	90.	5943.
26	5733.	5733.	0.	0.	5733.	1455.0	90.	5823.
27	5650.	5650.	0.	0.	5650.	1455.0	238.	5888.
28	5484.	5484.	0.	0.	5484.	1455.0	238.	5722.
29	5316.	5316.	0.	0.	5316.	1455.0	238.	5554.
30	5151.	5151.	0.	0.	5151.	1455.0	238.	5389.
31	5161.	5161.	0.	0.	5161.	1455.0	420.	5581.
32	5195.	5195.	0.	0.	5195.	1455.0	350.	5545.
33	4858.	5592.	0.	0.	5592.	1453.8	408.	6000.
34	6504.	5769.	0.	0.	5769.	1455.0	1223.	6992.
35	6252.	6252.	0.	0.	6252.	1455.0	1475.	7727.
36	3729.	7794.	0.	0.	7794.	1448.1	1206.	9000.
37	5994.	7032.	0.	0.	7032.	1446.0	1968.	9000.
38	6865.	6865.	0.	0.	6865.	1446.0	2135.	9000.
39	7002.	7002.	0.	0.	7002.	1446.0	1998.	9000.
40	7608.	7608.	0.	0.	7608.	1446.0	1392.	9000.
41	24768.	8905.	0.	10759.	19664.	1455.0	1163.	20827.
42	21145.	8803.	0.	12342.	21145.	1455.0	898.	22043.
43	25282.	8828.	0.	16454.	25282.	1455.0	1075.	26357.
44	22103.	9152.	0.	12951.	22103.	1455.0	511.	22614.
45	20433.	9161.	0.	11272.	20433.	1455.0	467.	20900.
46	20965.	9315.	0.	11650.	20965.	1455.0	478.	21443.
47	25488.	9437.	0.	16051.	25488.	1455.0	583.	26071.
48	34184.	0.	0.	34184.	34184.	1455.0	1052.	35236.
49	20616.	10049.	0.	10567.	20616.	1455.0	1062.	21678.
50	14219.	10254.	0.	3965.	14219.	1455.0	810.	15029.
51	11555.	10470.	0.	1085.	11555.	1455.0	659.	12214.
52	9100.	9100.	0.	0.	9100.	1455.0	519.	9619.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1956 1	6868.	6868.	0.	0.	6868.	1455.0	368.	7236.
2	5660.	5728.	0.	0.	5728.	1454.9	272.	6000.
3	5924.	5856.	0.	0.	5856.	1455.0	222.	6078.
4	6122.	6122.	0.	0.	6122.	1455.0	190.	6312.
5	6276.	6276.	0.	0.	6276.	1455.0	161.	6437.
6	6511.	6511.	0.	0.	6511.	1455.0	162.	6673.
7	6756.	6756.	0.	0.	6756.	1455.0	148.	6904.
8	6999.	6999.	0.	0.	6999.	1455.0	130.	7129.
9	7238.	7238.	0.	0.	7238.	1455.0	116.	7354.
10	7569.	7569.	0.	0.	7569.	1455.0	103.	7672.
11	7726.	7726.	0.	0.	7726.	1455.0	103.	7829.
12	7500.	7500.	0.	0.	7500.	1455.0	103.	7603.
13	7096.	7096.	0.	0.	7096.	1455.0	103.	7199.
14	6857.	6857.	0.	0.	6857.	1455.0	68.	6925.
15	6834.	6834.	0.	0.	6834.	1455.0	67.	6901.
16	6810.	6810.	0.	0.	6810.	1455.0	67.	6877.
17	6785.	6785.	0.	0.	6785.	1455.0	67.	6852.
18	6757.	6757.	0.	0.	6757.	1455.0	62.	6819.
19	6779.	6779.	0.	0.	6779.	1455.0	78.	6857.
20	6737.	6737.	0.	0.	6737.	1455.0	78.	6815.
21	6696.	6696.	0.	0.	6696.	1455.0	78.	6774.
22	6610.	6610.	0.	0.	6610.	1455.0	78.	6688.
23	6310.	6310.	0.	0.	6310.	1455.0	91.	6401.
24	6102.	6102.	0.	0.	6102.	1455.0	91.	6193.
25	5892.	5892.	0.	0.	5892.	1455.0	91.	5983.
26	5772.	5772.	0.	0.	5772.	1455.0	91.	5863.
27	5671.	5671.	0.	0.	5671.	1455.0	180.	5851.
28	5505.	5505.	0.	0.	5505.	1455.0	180.	5685.
29	5338.	5338.	0.	0.	5338.	1455.0	180.	5518.
30	5172.	5172.	0.	0.	5172.	1455.0	180.	5352.
31	5080.	5080.	0.	0.	5080.	1455.0	294.	5374.
32	5812.	5812.	0.	0.	5812.	1455.0	945.	6757.
33	6184.	6184.	0.	0.	6184.	1455.0	1349.	7533.
34	7578.	7578.	0.	0.	7578.	1455.0	2684.	10262.
35	6557.	6557.	0.	0.	6557.	1455.0	1926.	8483.
36	6400.	6717.	0.	0.	6717.	1454.5	2283.	9000.
37	7243.	6926.	0.	0.	6926.	1455.0	2970.	9896.
38	5844.	6819.	0.	0.	6819.	1453.4	2181.	9000.
39	7376.	7077.	0.	0.	7077.	1453.9	1923.	9000.
40	27406.	8509.	0.	18222.	26730.	1455.0	1651.	28381.
41	29885.	5818.	0.	24067.	29885.	1455.0	1801.	31686.
42	30181.	5460.	0.	24721.	30181.	1455.0	1819.	32000.
43	29454.	6247.	0.	23207.	29454.	1455.0	1775.	31229.
44	29030.	8373.	0.	20657.	29030.	1455.0	2399.	31429.
45	26510.	9182.	0.	17329.	26510.	1455.0	2261.	28771.
46	23956.	9326.	0.	14630.	23956.	1455.0	2044.	26000.
47	19099.	9462.	0.	9637.	19099.	1455.0	1630.	20729.
48	16306.	9746.	0.	6560.	16306.	1455.0	1408.	17714.
49	14339.	10024.	0.	4315.	14339.	1455.0	1661.	16000.
50	20101.	10278.	0.	9823.	20101.	1455.0	2328.	22429.
51	19588.	10507.	0.	9081.	19588.	1455.0	2269.	21857.
52	12547.	10652.	0.	1895.	12547.	1455.0	1453.	14000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1957 1	6577.	6577.	0.	0.	6577.	1455.0	623.	7200.
2	6577.	6577.	0.	0.	6577.	1455.0	623.	7200.
3	6108.	6108.	0.	0.	6108.	1455.0	424.	6532.
4	6334.	6334.	0.	0.	6334.	1455.0	390.	6724.
5	6463.	6463.	0.	0.	6463.	1455.0	358.	6821.
6	6668.	6668.	0.	0.	6668.	1455.0	345.	7013.
7	6910.	6910.	0.	0.	6910.	1455.0	331.	7241.
8	7148.	7148.	0.	0.	7148.	1455.0	313.	7461.
9	7377.	7377.	0.	0.	7377.	1455.0	286.	7663.
10	7631.	7631.	0.	0.	7631.	1455.0	187.	7818.
11	7780.	7780.	0.	0.	7780.	1455.0	182.	7962.
12	7525.	7525.	0.	0.	7525.	1455.0	149.	7674.
13	7121.	7121.	0.	0.	7121.	1455.0	149.	7270.
14	6899.	6899.	0.	0.	6899.	1455.0	115.	7014.
15	6875.	6875.	0.	0.	6875.	1455.0	112.	6987.
16	6850.	6850.	0.	0.	6850.	1455.0	112.	6962.
17	6824.	6824.	0.	0.	6824.	1455.0	112.	6936.
18	6787.	6787.	0.	0.	6787.	1455.0	105.	6892.
19	6791.	6791.	0.	0.	6791.	1455.0	104.	6895.
20	6748.	6748.	0.	0.	6748.	1455.0	104.	6852.
21	6704.	6704.	0.	0.	6704.	1455.0	104.	6808.
22	6607.	6607.	0.	0.	6607.	1455.0	108.	6715.
23	6285.	6285.	0.	0.	6285.	1455.0	112.	6397.
24	6075.	6075.	0.	0.	6075.	1455.0	112.	6187.
25	5866.	5866.	0.	0.	5866.	1455.0	112.	5978.
26	5746.	5746.	0.	0.	5746.	1455.0	112.	5858.
27	5645.	5645.	0.	0.	5645.	1455.0	226.	5871.
28	5479.	5479.	0.	0.	5479.	1455.0	226.	5705.
29	5312.	5312.	0.	0.	5312.	1455.0	226.	5538.
30	5147.	5147.	0.	0.	5147.	1455.0	226.	5373.
31	5118.	5118.	0.	0.	5118.	1455.0	416.	5534.
32	5264.	5264.	0.	0.	5264.	1455.0	517.	5781.
33	5525.	5525.	0.	0.	5525.	1455.0	843.	6368.
34	6495.	6495.	0.	0.	6495.	1455.0	1887.	8382.
35	7273.	7273.	0.	0.	7273.	1455.0	2728.	10001.
36	5970.	7046.	0.	0.	7046.	1453.3	1954.	9000.
37	5204.	7273.	0.	0.	7273.	1450.0	1727.	9000.
38	5510.	7468.	0.	0.	7468.	1446.0	1532.	9000.
39	7952.	7952.	0.	0.	7952.	1446.0	1048.	9000.
40	13931.	8828.	0.	0.	8828.	1455.0	1219.	10047.
41	20209.	8842.	0.	11368.	20209.	1455.0	1120.	21329.
42	22658.	8808.	0.	13851.	22658.	1455.0	1256.	23914.
43	24581.	8825.	0.	15756.	24581.	1455.0	1362.	25943.
44	19770.	9145.	0.	10626.	19770.	1455.0	1187.	20957.
45	19771.	9159.	0.	10612.	19771.	1455.0	1172.	20943.
46	19663.	9311.	0.	10352.	19663.	1455.0	1166.	20829.
47	18031.	9458.	0.	8573.	18031.	1455.0	1069.	19100.
48	19953.	9759.	0.	10194.	19953.	1455.0	1190.	21143.
49	17237.	10037.	0.	7201.	17237.	1455.0	1677.	18914.
50	18813.	10273.	0.	8540.	18813.	1455.0	1830.	20643.
51	18292.	10502.	0.	7790.	18292.	1455.0	1779.	20071.
52	17567.	10677.	0.	6890.	17567.	1455.0	1708.	19275.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS) (2)	(CFS) (3)	ENVIRON. RELEASE (CFS) (4)	EXCESS RELEASE (CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1958 1	9403.	9403.	0.	0.	9403.	1455.0	930.	10333.
2	8067.	8067.	0.	0.	8067.	1455.0	797.	8864.
3	6579.	6579.	0.	0.	6579.	1455.0	651.	7230.
4	6784.	6784.	0.	0.	6784.	1455.0	670.	7454.
5	6607.	6607.	0.	0.	6607.	1455.0	544.	7151.
6	6780.	6780.	0.	0.	6780.	1455.0	500.	7280.
7	6972.	6972.	0.	0.	6972.	1455.0	427.	7399.
8	7164.	7164.	0.	0.	7164.	1455.0	350.	7514.
9	7444.	7444.	0.	0.	7444.	1455.0	365.	7809.
10	7926.	7926.	0.	0.	7926.	1455.0	446.	8372.
11	8008.	8008.	0.	0.	8008.	1455.0	380.	8388.
12	7676.	7676.	0.	0.	7676.	1455.0	284.	7960.
13	7216.	7216.	0.	0.	7216.	1455.0	231.	7447.
14	6973.	6973.	0.	0.	6973.	1455.0	201.	7174.
15	6925.	6925.	0.	0.	6925.	1455.0	176.	7101.
16	6875.	6875.	0.	0.	6875.	1455.0	154.	7029.
17	6841.	6841.	0.	0.	6841.	1455.0	146.	6987.
18	6784.	6784.	0.	0.	6784.	1455.0	126.	6910.
19	6759.	6759.	0.	0.	6759.	1455.0	110.	6869.
20	6706.	6706.	0.	0.	6706.	1455.0	99.	6805.
21	6656.	6656.	0.	0.	6656.	1455.0	91.	6747.
22	6570.	6570.	0.	0.	6570.	1455.0	89.	6659.
23	6236.	6236.	0.	0.	6236.	1455.0	62.	6298.
24	6023.	6023.	0.	0.	6023.	1455.0	61.	6084.
25	5809.	5809.	0.	0.	5809.	1455.0	58.	5867.
26	5688.	5688.	0.	0.	5688.	1455.0	58.	5746.
27	5612.	5612.	0.	0.	5612.	1455.0	129.	5741.
28	5455.	5455.	0.	0.	5455.	1455.0	145.	5600.
29	5293.	5293.	0.	0.	5293.	1455.0	158.	5451.
30	5144.	5144.	0.	0.	5144.	1455.0	191.	5335.
31	5097.	5097.	0.	0.	5097.	1455.0	439.	5536.
32	5326.	5326.	0.	0.	5326.	1455.0	833.	6159.
33	5498.	5498.	0.	0.	5498.	1455.0	1165.	6663.
34	6184.	6184.	0.	0.	6184.	1455.0	2219.	8403.
35	6207.	6207.	0.	0.	6207.	1455.0	2054.	8261.
36	3775.	8116.	0.	0.	8116.	1447.6	884.	9000.
37	7353.	8116.	0.	0.	8116.	1446.0	884.	9000.
38	8238.	8238.	0.	0.	8238.	1446.0	762.	9000.
39	8304.	8304.	0.	0.	8304.	1446.0	696.	9000.
40	7248.	7248.	0.	0.	7248.	1446.0	1752.	9000.
41	16327.	8868.	0.	2356.	11224.	1455.0	1752.	12976.
42	20248.	8800.	0.	11448.	20248.	1455.0	1752.	22000.
43	19851.	8810.	0.	11041.	19851.	1455.0	1720.	21571.
44	35626.	0.	0.	35626.	35626.	1455.0	1859.	37485.
45	28198.	7805.	0.	20393.	28198.	1455.0	532.	28730.
46	20048.	9312.	0.	10736.	20048.	1455.0	395.	20443.
47	16251.	9452.	0.	6799.	16251.	1455.0	320.	16571.
48	11239.	9722.	0.	1518.	11239.	1455.0	318.	11557.
49	7737.	7737.	0.	0.	7737.	1455.0	763.	8500.
50	7737.	7737.	0.	0.	7737.	1455.0	763.	8500.
51	6008.	6008.	0.	0.	6008.	1455.0	592.	6600.
52	6007.	6007.	0.	0.	6007.	1455.0	593.	6600.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1959 1	5616.	5616.	0.	0.	5616.	1455.0	451.	6067.
2	5816.	5816.	0.	0.	5816.	1455.0	398.	6214.
3	6059.	6059.	0.	0.	6059.	1455.0	381.	6440.
4	6192.	6192.	0.	0.	6192.	1455.0	264.	6456.
5	6339.	6339.	0.	0.	6339.	1455.0	216.	6555.
6	6567.	6567.	0.	0.	6567.	1455.0	212.	6779.
7	6796.	6796.	0.	0.	6796.	1455.0	179.	6975.
8	7016.	7016.	0.	0.	7016.	1455.0	137.	7153.
9	7252.	7252.	0.	0.	7252.	1455.0	124.	7376.
10	7578.	7578.	0.	0.	7578.	1455.0	115.	7693.
11	7746.	7746.	0.	0.	7746.	1455.0	128.	7874.
12	7583.	7583.	0.	0.	7583.	1455.0	201.	7784.
13	7178.	7178.	0.	0.	7178.	1455.0	201.	7379.
14	6932.	6932.	0.	0.	6932.	1455.0	154.	7086.
15	6906.	6906.	0.	0.	6906.	1455.0	149.	7055.
16	6876.	6876.	0.	0.	6876.	1455.0	141.	7017.
17	6848.	6848.	0.	0.	6848.	1455.0	138.	6986.
18	6817.	6817.	0.	0.	6817.	1455.0	124.	6941.
19	6833.	6833.	0.	0.	6833.	1455.0	122.	6955.
20	6785.	6785.	0.	0.	6785.	1455.0	117.	6902.
21	6729.	6729.	0.	0.	6729.	1455.0	104.	6833.
22	6634.	6634.	0.	0.	6634.	1455.0	109.	6743.
23	6313.	6313.	0.	0.	6313.	1455.0	115.	6428.
24	6105.	6105.	0.	0.	6105.	1455.0	115.	6220.
25	5896.	5896.	0.	0.	5896.	1455.0	115.	6011.
26	5776.	5776.	0.	0.	5776.	1455.0	115.	5891.
27	5683.	5683.	0.	0.	5683.	1455.0	169.	5852.
28	5517.	5517.	0.	0.	5517.	1455.0	169.	5686.
29	5386.	5386.	0.	0.	5386.	1455.0	242.	5628.
30	5226.	5226.	0.	0.	5226.	1455.0	254.	5480.
31	5203.	5203.	0.	0.	5203.	1455.0	386.	5589.
32	5347.	5347.	0.	0.	5347.	1455.0	500.	5847.
33	7155.	7155.	0.	0.	7155.	1455.0	2139.	9294.
34	8108.	8108.	0.	0.	8108.	1455.0	3031.	11139.
35	7394.	7394.	0.	0.	7394.	1455.0	2677.	10071.
36	5799.	6831.	0.	0.	6831.	1453.4	2169.	9000.
37	4373.	7379.	0.	0.	7379.	1448.2	1621.	9000.
38	6003.	7068.	0.	0.	7068.	1446.0	1932.	9000.
39	6840.	6840.	0.	0.	6840.	1446.0	2160.	9000.
40	7245.	7245.	0.	0.	7245.	1446.0	1755.	9000.
41	7316.	7316.	0.	0.	7316.	1446.0	1684.	9000.
42	15404.	8822.	0.	1478.	10300.	1455.0	1825.	12125.
43	20245.	8811.	0.	11434.	20245.	1455.0	1441.	21686.
44	21943.	9152.	0.	12791.	21943.	1455.0	1943.	23886.
45	17188.	9150.	0.	8038.	17188.	1455.0	1441.	18629.
46	22064.	9319.	0.	12745.	22064.	1455.0	1850.	23914.
47	38000.	0.	0.	38000.	38000.	1455.0	3415.	41415.
48	38000.	0.	0.	38000.	38000.	1455.0	3408.	41408.
49	30354.	8309.	0.	22045.	30354.	1455.0	2865.	33219.
50	13349.	10250.	0.	3100.	13349.	1455.0	1480.	14829.
51	10026.	10026.	0.	0.	10026.	1455.0	1111.	11137.
52	9459.	9459.	0.	0.	9459.	1455.0	1047.	10506.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1960 1	10007.	10007.	0.	0.	10007.	1455.0	707.	10714.
2	6913.	6913.	0.	0.	6913.	1455.0	487.	7400.
3	5934.	5934.	0.	0.	5934.	1455.0	268.	6202.
4	6274.	6274.	0.	0.	6274.	1455.0	335.	6609.
5	6402.	6402.	0.	0.	6402.	1455.0	294.	6696.
6	6620.	6620.	0.	0.	6620.	1455.0	284.	6904.
7	6862.	6862.	0.	0.	6862.	1455.0	272.	7134.
8	7102.	7102.	0.	0.	7102.	1455.0	256.	7358.
9	7337.	7337.	0.	0.	7337.	1455.0	235.	7572.
10	7650.	7650.	0.	0.	7650.	1455.0	205.	7855.
11	7805.	7805.	0.	0.	7805.	1455.0	205.	8010.
12	7578.	7578.	0.	0.	7578.	1455.0	205.	7784.
13	7174.	7174.	0.	0.	7174.	1455.0	205.	7379.
14	6954.	6954.	0.	0.	6954.	1455.0	172.	7126.
15	6931.	6931.	0.	0.	6931.	1455.0	165.	7096.
16	6886.	6886.	0.	0.	6886.	1455.0	149.	7035.
17	6853.	6853.	0.	0.	6853.	1455.0	141.	6994.
18	6813.	6813.	0.	0.	6813.	1455.0	140.	6953.
19	6791.	6791.	0.	0.	6791.	1455.0	122.	6913.
20	6746.	6746.	0.	0.	6746.	1455.0	120.	6866.
21	6697.	6697.	0.	0.	6697.	1455.0	114.	6811.
22	6608.	6608.	0.	0.	6608.	1455.0	110.	6718.
23	6283.	6283.	0.	0.	6283.	1455.0	95.	6378.
24	6069.	6069.	0.	0.	6069.	1455.0	91.	6160.
25	5850.	5850.	0.	0.	5850.	1455.0	81.	5931.
26	5730.	5730.	0.	0.	5730.	1455.0	81.	5811.
27	5624.	5624.	0.	0.	5624.	1455.0	310.	5934.
28	5458.	5458.	0.	0.	5458.	1455.0	310.	5768.
29	5306.	5306.	0.	0.	5306.	1455.0	408.	5714.
30	5145.	5145.	0.	0.	5145.	1455.0	423.	5568.
31	5167.	5167.	0.	0.	5167.	1455.0	512.	5679.
32	5220.	5220.	0.	0.	5220.	1455.0	34.	5254.
33	5284.	5931.	0.	0.	5931.	1454.0	69.	6000.
34	6137.	5893.	0.	0.	5893.	1454.4	107.	6000.
35	6208.	5804.	0.	0.	5804.	1455.0	762.	6566.
36	2931.	7771.	0.	0.	7771.	1446.5	1229.	9000.
37	7461.	7724.	0.	0.	7724.	1446.0	1276.	9000.
38	7679.	7679.	0.	0.	7679.	1446.0	1321.	9000.
39	7548.	7548.	0.	0.	7548.	1446.0	1452.	9000.
40	8227.	8227.	0.	0.	8227.	1446.0	773.	9000.
41	8426.	8426.	0.	0.	8426.	1446.0	574.	9000.
42	8341.	8341.	0.	0.	8341.	1446.0	659.	9000.
43	8097.	8097.	0.	0.	8097.	1446.0	903.	9000.
44	24882.	9213.	0.	10566.	19778.	1455.0	1989.	21767.
45	23404.	9171.	0.	14233.	23404.	1455.0	2025.	25429.
46	20681.	9314.	0.	11367.	20681.	1455.0	1790.	22471.
47	19984.	9465.	0.	10519.	19984.	1455.0	1730.	21714.
48	19226.	9756.	0.	9470.	19226.	1455.0	1631.	20857.
49	16823.	10035.	0.	6788.	16823.	1455.0	1491.	18314.
50	26586.	10303.	0.	16283.	26586.	1455.0	2357.	28943.
51	18844.	10505.	0.	8340.	18844.	1455.0	1670.	20514.
52	14112.	10661.	0.	3451.	14112.	1455.0	1250.	15362.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1961 1	11591.	11270.	0.	321.	11591.	1455.0	938.	12529.
2	8418.	8418.	0.	0.	8418.	1455.0	682.	9100.
3	6138.	6138.	0.	0.	6138.	1455.0	485.	6623.
4	6262.	6262.	0.	0.	6262.	1455.0	354.	6616.
5	6408.	6408.	0.	0.	6408.	1455.0	317.	6725.
6	6639.	6639.	0.	0.	6639.	1455.0	319.	6958.
7	6872.	6872.	0.	0.	6872.	1455.0	294.	7166.
8	7099.	7099.	0.	0.	7099.	1455.0	261.	7360.
9	7349.	7349.	0.	0.	7349.	1455.0	249.	7598.
10	7737.	7737.	0.	0.	7737.	1455.0	266.	8003.
11	7886.	7886.	0.	0.	7886.	1455.0	260.	8146.
12	7626.	7626.	0.	0.	7626.	1455.0	229.	7855.
13	7221.	7221.	0.	0.	7221.	1455.0	229.	7450.
14	7011.	7011.	0.	0.	7011.	1455.0	203.	7214.
15	6987.	6987.	0.	0.	6987.	1455.0	197.	7184.
16	6967.	6967.	0.	0.	6967.	1455.0	203.	7170.
17	6943.	6943.	0.	0.	6943.	1455.0	206.	7149.
18	6879.	6879.	0.	0.	6879.	1455.0	212.	7091.
19	6826.	6826.	0.	0.	6826.	1455.0	196.	7022.
20	6779.	6779.	0.	0.	6779.	1455.0	193.	6972.
21	6729.	6729.	0.	0.	6729.	1455.0	184.	6913.
22	6638.	6638.	0.	0.	6638.	1455.0	168.	6806.
23	6319.	6319.	0.	0.	6319.	1455.0	148.	6467.
24	6124.	6124.	0.	0.	6124.	1455.0	166.	6290.
25	5951.	5951.	0.	0.	5951.	1455.0	209.	6160.
26	5829.	5829.	0.	0.	5829.	1455.0	209.	6038.
27	5755.	5755.	0.	0.	5755.	1455.0	504.	6259.
28	5588.	5588.	0.	0.	5588.	1455.0	504.	6092.
29	5439.	5439.	0.	0.	5439.	1455.0	556.	5995.
30	5276.	5276.	0.	0.	5276.	1455.0	565.	5841.
31	5334.	5334.	0.	0.	5334.	1455.0	648.	5982.
32	5670.	5670.	0.	0.	5670.	1455.0	613.	6283.
33	6292.	6292.	0.	0.	6292.	1455.0	1060.	7352.
34	6137.	6137.	0.	0.	6137.	1455.0	1010.	7147.
35	6015.	6015.	0.	0.	6015.	1455.0	1186.	7201.
36	4691.	7354.	0.	0.	7354.	1450.8	1646.	9000.
37	7203.	6312.	0.	0.	6312.	1452.2	2688.	9000.
38	8131.	6360.	0.	0.	6360.	1455.0	3357.	9717.
39	20363.	9222.	0.	11141.	20363.	1455.0	2821.	23184.
40	21299.	8887.	0.	12412.	21299.	1455.0	1701.	23000.
41	22357.	8849.	0.	13509.	22357.	1455.0	1786.	24143.
42	23150.	8809.	0.	14341.	23150.	1455.0	1850.	25000.
43	23984.	8823.	0.	15161.	23984.	1455.0	1916.	25900.
44	24592.	9161.	0.	15431.	24592.	1455.0	1051.	25643.
45	25061.	9177.	0.	15884.	25061.	1455.0	939.	26000.
46	21399.	9317.	0.	12082.	21399.	1455.0	801.	22200.
47	20310.	9466.	0.	10844.	20310.	1455.0	761.	21071.
48	15053.	9741.	0.	5313.	15053.	1455.0	604.	15657.
49	11262.	10008.	0.	1254.	11262.	1455.0	1167.	12429.
50	12778.	10247.	0.	2532.	12778.	1455.0	1322.	14100.
51	12169.	10474.	0.	1695.	12169.	1455.0	1260.	13429.
52	12256.	10651.	0.	1605.	12256.	1455.0	1269.	13525.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1962 1	9801.	9801.	0.	0.	9801.	1455.0	628.	10429.
2	5728.	5728.	0.	0.	5728.	1455.0	276.	6004.
3	5991.	5991.	0.	0.	5991.	1455.0	276.	6267.
4	6255.	6255.	0.	0.	6255.	1455.0	276.	6531.
5	6330.	6330.	0.	0.	6330.	1455.0	240.	6570.
6	6538.	6538.	0.	0.	6538.	1455.0	242.	6780.
7	6791.	6791.	0.	0.	6791.	1455.0	242.	7033.
8	7045.	7045.	0.	0.	7045.	1455.0	242.	7287.
9	7281.	7281.	0.	0.	7281.	1455.0	208.	7489.
10	7587.	7587.	0.	0.	7587.	1455.0	140.	7727.
11	7742.	7742.	0.	0.	7742.	1455.0	140.	7882.
12	7515.	7515.	0.	0.	7515.	1455.0	140.	7655.
13	7111.	7111.	0.	0.	7111.	1455.0	140.	7251.
14	6889.	6889.	0.	0.	6889.	1455.0	92.	6981.
15	6866.	6866.	0.	0.	6866.	1455.0	85.	6951.
16	6840.	6840.	0.	0.	6840.	1455.0	85.	6925.
17	6814.	6814.	0.	0.	6814.	1455.0	85.	6899.
18	6774.	6774.	0.	0.	6774.	1455.0	95.	6869.
19	6766.	6766.	0.	0.	6766.	1455.0	108.	6874.
20	6723.	6723.	0.	0.	6723.	1455.0	108.	6831.
21	6679.	6679.	0.	0.	6679.	1455.0	108.	6787.
22	6590.	6590.	0.	0.	6590.	1455.0	98.	6688.
23	6271.	6271.	0.	0.	6271.	1455.0	84.	6355.
24	6061.	6061.	0.	0.	6061.	1455.0	84.	6145.
25	5851.	5851.	0.	0.	5851.	1455.0	84.	5935.
26	5731.	5731.	0.	0.	5731.	1455.0	84.	5815.
27	5650.	5650.	0.	0.	5650.	1455.0	214.	5864.
28	5484.	5484.	0.	0.	5484.	1455.0	214.	5698.
29	5315.	5315.	0.	0.	5315.	1455.0	214.	5529.
30	5149.	5149.	0.	0.	5149.	1455.0	214.	5363.
31	4943.	4943.	0.	0.	4943.	1455.0	309.	5252.
32	4892.	4892.	0.	0.	4892.	1455.0	327.	5219.
33	5048.	5111.	0.	0.	5111.	1454.9	889.	6000.
34	5220.	5157.	0.	0.	5157.	1455.0	1310.	6467.
35	5478.	5478.	0.	0.	5478.	1455.0	1649.	7127.
36	5131.	7590.	0.	0.	7590.	1451.1	1410.	9000.
37	9034.	6574.	0.	0.	6574.	1455.0	2733.	9307.
38	26503.	9427.	0.	17077.	26503.	1455.0	2338.	28841.
39	33902.	2108.	0.	31794.	33902.	1455.0	1655.	35557.
40	26163.	8110.	0.	18053.	26163.	1455.0	1023.	27186.
41	25543.	8768.	0.	16776.	25543.	1455.0	1000.	26543.
42	22258.	8806.	0.	13452.	22258.	1455.0	871.	23129.
43	26163.	8037.	0.	18126.	26163.	1455.0	1023.	27186.
44	24614.	9161.	0.	15453.	24614.	1455.0	1443.	26057.
45	21799.	9166.	0.	12633.	21799.	1455.0	1201.	23000.
46	21799.	9318.	0.	12481.	21799.	1455.0	1201.	23000.
47	21799.	9471.	0.	12328.	21799.	1455.0	1201.	23000.
48	22209.	9767.	0.	12442.	22209.	1455.0	1220.	23429.
49	22008.	10054.	0.	11954.	22008.	1455.0	1563.	23571.
50	13899.	10252.	0.	3647.	13899.	1455.0	987.	14886.
51	11257.	10469.	0.	788.	11257.	1455.0	800.	12057.
52	11332.	10646.	0.	686.	11332.	1455.0	805.	12137.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	ENVIRON. RELEASE	EXCESS RELEASE	(CFS)	(FT)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1963 1	8737.	8737.	0.	0.	8737.	1455.0	413.	9150.
2	6653.	6653.	0.	0.	6653.	1455.0	314.	6967.
3	6011.	6011.	0.	0.	6011.	1455.0	274.	6285.
4	6236.	6236.	0.	0.	6236.	1455.0	248.	6484.
5	6261.	6261.	0.	0.	6261.	1455.0	178.	6439.
6	6482.	6482.	0.	0.	6482.	1455.0	193.	6675.
7	6734.	6734.	0.	0.	6734.	1455.0	193.	6927.
8	6988.	6988.	0.	0.	6988.	1455.0	193.	7181.
9	7225.	7225.	0.	0.	7225.	1455.0	161.	7386.
10	7561.	7561.	0.	0.	7561.	1455.0	128.	7689.
11	7717.	7717.	0.	0.	7717.	1455.0	128.	7845.
12	7490.	7490.	0.	0.	7490.	1455.0	128.	7618.
13	7086.	7086.	0.	0.	7086.	1455.0	128.	7214.
14	6882.	6882.	0.	0.	6882.	1455.0	117.	6999.
15	6858.	6858.	0.	0.	6858.	1455.0	110.	6968.
16	6832.	6832.	0.	0.	6832.	1455.0	110.	6942.
17	6807.	6807.	0.	0.	6807.	1455.0	110.	6917.
18	6773.	6773.	0.	0.	6773.	1455.0	92.	6865.
19	6791.	6791.	0.	0.	6791.	1455.0	86.	6877.
20	6747.	6747.	0.	0.	6747.	1455.0	86.	6833.
21	6703.	6703.	0.	0.	6703.	1455.0	86.	6789.
22	6595.	6595.	0.	0.	6595.	1455.0	98.	6693.
23	6224.	6224.	0.	0.	6224.	1455.0	67.	6291.
24	6014.	6014.	0.	0.	6014.	1455.0	67.	6081.
25	5805.	5805.	0.	0.	5805.	1455.0	67.	5872.
26	5685.	5685.	0.	0.	5685.	1455.0	67.	5752.
27	5574.	5574.	0.	0.	5574.	1455.0	137.	5711.
28	5409.	5409.	0.	0.	5409.	1455.0	137.	5546.
29	5243.	5243.	0.	0.	5243.	1455.0	137.	5380.
30	5078.	5078.	0.	0.	5078.	1455.0	137.	5215.
31	4997.	4997.	0.	0.	4997.	1455.0	206.	5203.
32	4988.	4988.	0.	0.	4988.	1455.0	80.	5068.
33	6016.	6016.	0.	0.	6016.	1455.0	457.	6473.
34	6760.	6760.	0.	0.	6760.	1455.0	739.	7499.
35	7002.	7002.	0.	0.	7002.	1455.0	1631.	8633.
36	6116.	6383.	0.	0.	6383.	1454.6	2617.	9000.
37	5980.	6383.	0.	0.	6383.	1453.9	2617.	9000.
38	5847.	6383.	0.	0.	6383.	1453.1	2617.	9000.
39	5677.	6383.	0.	0.	6383.	1452.0	2617.	9000.
40	27744.	8408.	0.	17425.	25832.	1455.0	2235.	28067.
41	35660.	0.	0.	35660.	35660.	1455.0	2889.	38549.
42	35399.	0.	0.	35399.	35399.	1455.0	2736.	38135.
43	31951.	3447.	0.	28504.	31951.	1455.0	2337.	34288.
44	26872.	8239.	0.	18633.	26872.	1455.0	928.	27800.
45	24729.	9176.	0.	15554.	24729.	1455.0	414.	25143.
46	21455.	9317.	0.	12138.	21455.	1455.0	359.	21814.
47	22691.	9474.	0.	13217.	22691.	1455.0	380.	23071.
48	19122.	9756.	0.	9366.	19122.	1455.0	421.	19543.
49	14318.	10024.	0.	4294.	14318.	1455.0	825.	15143.
50	12804.	10247.	0.	2557.	12804.	1455.0	739.	13543.
51	10239.	10239.	0.	0.	10239.	1455.0	590.	10829.
52	9083.	9083.	0.	0.	9083.	1455.0	524.	9607.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON	DEVIL CANYON	OUTFLOW		TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	INFLOW	TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1964 1	8327.	8327.	0.	0.	8327.	1455.0	570.	8897.
2	7011.	7011.	0.	0.	7011.	1455.0	480.	7491.
3	6050.	6050.	0.	0.	6050.	1455.0	392.	6442.
4	6210.	6210.	0.	0.	6210.	1455.0	296.	6506.
5	6335.	6335.	0.	0.	6335.	1455.0	228.	6563.
6	6571.	6571.	0.	0.	6571.	1455.0	226.	6797.
7	6802.	6802.	0.	0.	6802.	1455.0	200.	7002.
8	7030.	7030.	0.	0.	7030.	1455.0	164.	7194.
9	7270.	7270.	0.	0.	7270.	1455.0	153.	7423.
10	7587.	7587.	0.	0.	7587.	1455.0	124.	7711.
11	7740.	7740.	0.	0.	7740.	1455.0	120.	7860.
12	7489.	7489.	0.	0.	7489.	1455.0	95.	7584.
13	7086.	7086.	0.	0.	7086.	1455.0	95.	7181.
14	6862.	6862.	0.	0.	6862.	1455.0	82.	6944.
15	6841.	6841.	0.	0.	6841.	1455.0	80.	6921.
16	6812.	6812.	0.	0.	6812.	1455.0	75.	6887.
17	6785.	6785.	0.	0.	6785.	1455.0	74.	6859.
18	6755.	6755.	0.	0.	6755.	1455.0	66.	6821.
19	6760.	6760.	0.	0.	6760.	1455.0	58.	6818.
20	6716.	6716.	0.	0.	6716.	1455.0	58.	6774.
21	6671.	6671.	0.	0.	6671.	1455.0	54.	6725.
22	6581.	6581.	0.	0.	6581.	1455.0	59.	6640.
23	6263.	6263.	0.	0.	6263.	1455.0	63.	6326.
24	6054.	6054.	0.	0.	6054.	1455.0	60.	6114.
25	5840.	5840.	0.	0.	5840.	1455.0	54.	5894.
26	5721.	5721.	0.	0.	5721.	1455.0	54.	5775.
27	5639.	5639.	0.	0.	5639.	1455.0	36.	5675.
28	5473.	5473.	0.	0.	5473.	1455.0	36.	5509.
29	5310.	5310.	0.	0.	5310.	1455.0	40.	5350.
30	5145.	5145.	0.	0.	5145.	1455.0	40.	5185.
31	4887.	4887.	0.	0.	4887.	1455.0	276.	5163.
32	4823.	4823.	0.	0.	4823.	1455.0	439.	5262.
33	4212.	5409.	0.	0.	5409.	1453.1	591.	6000.
34	4892.	4691.	0.	0.	4691.	1453.4	1309.	6000.
35	6264.	5268.	0.	0.	5268.	1455.0	8961.	14229.
36	8617.	8617.	0.	0.	8617.	1455.0	546.	9163.
37	6048.	8624.	0.	0.	8624.	1450.9	376.	9000.
38	9997.	8687.	0.	0.	8687.	1453.0	313.	9000.
39	30872.	4843.	0.	24763.	29606.	1455.0	228.	29834.
40	24270.	8897.	0.	15373.	24270.	1455.0	1101.	25371.
41	25009.	8857.	0.	16152.	25009.	1455.0	1134.	26143.
42	23601.	8811.	0.	14790.	23601.	1455.0	1070.	24671.
43	16194.	8798.	0.	7396.	16194.	1455.0	735.	16929.
44	18729.	9141.	0.	9588.	18729.	1455.0	1028.	19757.
45	17736.	9152.	0.	8584.	17736.	1455.0	993.	18729.
46	14300.	9291.	0.	5009.	14300.	1455.0	800.	15100.
47	15247.	9448.	0.	5799.	15247.	1455.0	853.	16100.
48	12880.	9730.	0.	3150.	12880.	1455.0	720.	13600.
49	10489.	10004.	0.	485.	10489.	1455.0	865.	11354.
50	8548.	8548.	0.	0.	8548.	1455.0	705.	9253.
51	8595.	8595.	0.	0.	8595.	1455.0	709.	9304.
52	7361.	7361.	0.	0.	7361.	1455.0	607.	7968.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON	DEVIL CANYON	OUTFLOW		TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	INFLOW	TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1965 1	7044.	7044.	0.	0.	7044.	1455.0	633.	7677.
2	7883.	7883.	0.	0.	7883.	1455.0	708.	8591.
3	6120.	6120.	0.	0.	6120.	1455.0	464.	6584.
4	6282.	6282.	0.	0.	6282.	1455.0	369.	6651.
5	6304.	6304.	0.	0.	6304.	1455.0	166.	6470.
6	6540.	6540.	0.	0.	6540.	1455.0	149.	6689.
7	6791.	6791.	0.	0.	6791.	1455.0	148.	6939.
8	7061.	7061.	0.	0.	7061.	1455.0	166.	7227.
9	7247.	7247.	0.	0.	7247.	1455.0	127.	7374.
10	7517.	7517.	0.	0.	7517.	1455.0	99.	7616.
11	7669.	7669.	0.	0.	7669.	1455.0	88.	7757.
12	7439.	7439.	0.	0.	7439.	1455.0	80.	7519.
13	7036.	7036.	0.	0.	7036.	1455.0	80.	7116.
14	6822.	6822.	0.	0.	6822.	1455.0	38.	6860.
15	6802.	6802.	0.	0.	6802.	1455.0	32.	6834.
16	6777.	6777.	0.	0.	6777.	1455.0	32.	6809.
17	6753.	6753.	0.	0.	6753.	1455.0	32.	6785.
18	6721.	6721.	0.	0.	6721.	1455.0	37.	6758.
19	6723.	6723.	0.	0.	6723.	1455.0	40.	6763.
20	6680.	6680.	0.	0.	6680.	1455.0	40.	6720.
21	6638.	6638.	0.	0.	6638.	1455.0	40.	6678.
22	6553.	6553.	0.	0.	6553.	1455.0	36.	6589.
23	6243.	6243.	0.	0.	6243.	1455.0	30.	6273.
24	6036.	6036.	0.	0.	6036.	1455.0	30.	6066.
25	5826.	5826.	0.	0.	5826.	1455.0	30.	5856.
26	5707.	5707.	0.	0.	5707.	1455.0	30.	5737.
27	5624.	5624.	0.	0.	5624.	1455.0	65.	5689.
28	5458.	5458.	0.	0.	5458.	1455.0	65.	5523.
29	5298.	5298.	0.	0.	5298.	1455.0	83.	5381.
30	5132.	5132.	0.	0.	5132.	1455.0	86.	5218.
31	4947.	4947.	0.	0.	4947.	1455.0	112.	5059.
32	5054.	5054.	0.	0.	5054.	1455.0	256.	5310.
33	4881.	5554.	0.	0.	5554.	1453.9	446.	6000.
34	5835.	5198.	0.	0.	5198.	1454.9	802.	6000.
35	6353.	6316.	0.	0.	6316.	1455.0	1682.	7998.
36	4304.	7543.	0.	0.	7543.	1449.8	1457.	9000.
37	5580.	7445.	0.	0.	7445.	1446.0	1555.	9000.
38	7513.	7513.	0.	0.	7513.	1446.0	1487.	9000.
39	6812.	6812.	0.	0.	6812.	1446.0	2188.	9000.
40	7101.	7101.	0.	0.	7101.	1446.0	1899.	9000.
41	18511.	8878.	0.	4530.	13408.	1455.0	1916.	15324.
42	26730.	8821.	0.	17909.	26730.	1455.0	1784.	28514.
43	23181.	8821.	0.	14360.	23181.	1455.0	1548.	24729.
44	20872.	9148.	0.	11724.	20872.	1455.0	1357.	22229.
45	18586.	9155.	0.	9431.	18586.	1455.0	1085.	19671.
46	28711.	7840.	0.	20871.	28711.	1455.0	1675.	30386.
47	19247.	9462.	0.	9785.	19247.	1455.0	1124.	20371.
48	10693.	9719.	0.	974.	10693.	1455.0	650.	11343.
49	15833.	10031.	0.	5802.	15833.	1455.0	1016.	16849.
50	19452.	10276.	0.	9176.	19452.	1455.0	1248.	20700.
51	17801.	10501.	0.	7301.	17801.	1455.0	1142.	18943.
52	20591.	10689.	0.	9903.	20591.	1455.0	1322.	21913.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1966 1	13634.	11282.	0.	2352.	13634.	1455.0	1452.	15086.
2	7579.	7579.	0.	0.	7579.	1455.0	808.	8387.
3	6010.	6010.	0.	0.	6010.	1455.0	379.	6389.
4	6209.	6209.	0.	0.	6209.	1455.0	313.	6522.
5	6383.	6383.	0.	0.	6383.	1455.0	264.	6647.
6	6593.	6593.	0.	0.	6593.	1455.0	222.	6815.
7	6824.	6824.	0.	0.	6824.	1455.0	196.	7020.
8	7072.	7072.	0.	0.	7072.	1455.0	186.	7258.
9	7311.	7311.	0.	0.	7311.	1455.0	173.	7484.
10	7634.	7634.	0.	0.	7634.	1455.0	160.	7794.
11	7786.	7786.	0.	0.	7786.	1455.0	154.	7940.
12	7553.	7553.	0.	0.	7553.	1455.0	148.	7701.
13	7144.	7144.	0.	0.	7144.	1455.0	142.	7286.
14	6917.	6917.	0.	0.	6917.	1455.0	121.	7038.
15	6895.	6895.	0.	0.	6895.	1455.0	119.	7014.
16	6870.	6870.	0.	0.	6870.	1455.0	119.	6989.
17	6845.	6845.	0.	0.	6845.	1455.0	119.	6964.
18	6811.	6811.	0.	0.	6811.	1455.0	119.	6930.
19	6807.	6807.	0.	0.	6807.	1455.0	120.	6927.
20	6764.	6764.	0.	0.	6764.	1455.0	120.	6884.
21	6722.	6722.	0.	0.	6722.	1455.0	120.	6842.
22	6636.	6636.	0.	0.	6636.	1455.0	116.	6752.
23	6325.	6325.	0.	0.	6325.	1455.0	113.	6438.
24	6116.	6116.	0.	0.	6116.	1455.0	113.	6229.
25	5906.	5906.	0.	0.	5906.	1455.0	113.	6019.
26	5786.	5786.	0.	0.	5786.	1455.0	113.	5899.
27	5713.	5713.	0.	0.	5713.	1455.0	183.	5896.
28	5546.	5546.	0.	0.	5546.	1455.0	183.	5729.
29	5416.	5416.	0.	0.	5416.	1455.0	240.	5656.
30	5254.	5254.	0.	0.	5254.	1455.0	250.	5504.
31	5110.	5110.	0.	0.	5110.	1455.0	300.	5410.
32	5119.	5119.	0.	0.	5119.	1455.0	346.	5465.
33	5355.	5357.	0.	0.	5357.	1455.0	643.	6000.
34	5885.	5883.	0.	0.	5883.	1455.0	1231.	7114.
35	6524.	6524.	0.	0.	6524.	1455.0	1954.	8478.
36	7932.	7932.	0.	0.	7932.	1455.0	3575.	11507.
37	6869.	6869.	0.	0.	6869.	1455.0	2560.	9429.
38	6040.	6839.	0.	0.	6839.	1453.7	2161.	9000.
39	4979.	7176.	0.	0.	7176.	1450.2	1824.	9000.
40	5639.	7747.	0.	0.	7747.	1446.0	1253.	9000.
41	7807.	7807.	0.	0.	7807.	1446.0	1193.	9000.
42	14235.	8816.	0.	315.	9131.	1455.0	1249.	10380.
43	19615.	8809.	0.	10806.	19615.	1455.0	1414.	21029.
44	26089.	9166.	0.	16923.	26089.	1455.0	1925.	28014.
45	21345.	9164.	0.	12181.	21345.	1455.0	1569.	22914.
46	17552.	9304.	0.	8248.	17552.	1455.0	1291.	18843.
47	21266.	9469.	0.	11797.	21266.	1455.0	1563.	22829.
48	17016.	9748.	0.	7268.	17016.	1455.0	1284.	18300.
49	11802.	10011.	0.	1791.	11802.	1455.0	1084.	12886.
50	11462.	10240.	0.	1222.	11462.	1455.0	1052.	12514.
51	11331.	10469.	0.	862.	11331.	1455.0	1040.	12371.
52	8267.	8267.	0.	0.	8267.	1455.0	758.	9025.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1967 1	6487.	6487.	0.	0.	6487.	1455.0	503.	6990.
2	5719.	5719.	0.	0.	5719.	1455.0	337.	6056.
3	5896.	5896.	0.	0.	5896.	1455.0	256.	6152.
4	6077.	6077.	0.	0.	6077.	1455.0	173.	6250.
5	6289.	6289.	0.	0.	6289.	1455.0	161.	6450.
6	6537.	6537.	0.	0.	6537.	1455.0	154.	6691.
7	6792.	6792.	0.	0.	6792.	1455.0	154.	6946.
8	7049.	7049.	0.	0.	7049.	1455.0	154.	7203.
9	7294.	7294.	0.	0.	7294.	1455.0	149.	7443.
10	7617.	7617.	0.	0.	7617.	1455.0	139.	7756.
11	7774.	7774.	0.	0.	7774.	1455.0	139.	7913.
12	7548.	7548.	0.	0.	7548.	1455.0	139.	7687.
13	7143.	7143.	0.	0.	7143.	1455.0	139.	7282.
14	6944.	6944.	0.	0.	6944.	1455.0	138.	7082.
15	6924.	6924.	0.	0.	6924.	1455.0	137.	7061.
16	6899.	6899.	0.	0.	6899.	1455.0	137.	7036.
17	6873.	6873.	0.	0.	6873.	1455.0	137.	7010.
18	6838.	6838.	0.	0.	6838.	1455.0	132.	6970.
19	6835.	6835.	0.	0.	6835.	1455.0	125.	6960.
20	6793.	6793.	0.	0.	6793.	1455.0	125.	6918.
21	6751.	6751.	0.	0.	6751.	1455.0	125.	6876.
22	6658.	6658.	0.	0.	6658.	1455.0	126.	6784.
23	6332.	6332.	0.	0.	6332.	1455.0	122.	6454.
24	6123.	6123.	0.	0.	6123.	1455.0	122.	6245.
25	5913.	5913.	0.	0.	5913.	1455.0	122.	6035.
26	5793.	5793.	0.	0.	5793.	1455.0	122.	5915.
27	5706.	5706.	0.	0.	5706.	1455.0	137.	5843.
28	5539.	5539.	0.	0.	5539.	1455.0	137.	5676.
29	5375.	5375.	0.	0.	5375.	1455.0	140.	5515.
30	5223.	5223.	0.	0.	5223.	1455.0	162.	5385.
31	4972.	4972.	0.	0.	4972.	1455.0	119.	5091.
32	5099.	5099.	0.	0.	5099.	1455.0	280.	5379.
33	5815.	5815.	0.	0.	5815.	1455.0	974.	6789.
34	6178.	6178.	0.	0.	6178.	1455.0	1362.	7540.
35	6422.	6422.	0.	0.	6422.	1455.0	1768.	8190.
36	4711.	7347.	0.	0.	7347.	1450.8	1653.	9000.
37	5899.	6834.	0.	0.	6834.	1449.1	2166.	9000.
38	5663.	7195.	0.	0.	7195.	1446.0	1805.	9000.
39	7234.	7234.	0.	0.	7234.	1446.0	1766.	9000.
40	7519.	7519.	0.	0.	7519.	1446.0	1481.	9000.
41	17620.	8874.	0.	3642.	12516.	1455.0	1476.	13992.
42	27805.	8315.	0.	19490.	27805.	1455.0	2052.	29857.
43	32408.	3469.	0.	28939.	32408.	1455.0	2392.	34800.
44	25176.	9163.	0.	16013.	25176.	1455.0	1924.	27100.
45	23405.	9171.	0.	14234.	23405.	1455.0	1638.	25043.
46	38000.	0.	0.	38000.	38000.	1455.0	3589.	41589.
47	35808.	0.	0.	35808.	35808.	1455.0	2001.	37809.
48	25302.	9778.	0.	15524.	25302.	1455.0	1385.	26687.
49	27035.	10073.	0.	16962.	27035.	1455.0	2036.	29071.
50	15955.	10263.	0.	5693.	15955.	1455.0	1202.	17157.
51	11597.	10471.	0.	1126.	11597.	1455.0	874.	12471.
52	8813.	8813.	0.	0.	8813.	1455.0	664.	9477.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON	DEVIL CANYON OUTFLOW			TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	INFLOW	TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1968 1	6430.	6430.	0.	0.	6430.	1455.0	421.	6851.
2	5727.	5727.	0.	0.	5727.	1455.0	350.	6077.
3	5911.	5911.	0.	0.	5911.	1455.0	273.	6184.
4	6108.	6108.	0.	0.	6108.	1455.0	209.	6317.
5	6312.	6312.	0.	0.	6312.	1455.0	187.	6499.
6	6543.	6543.	0.	0.	6543.	1455.0	164.	6707.
7	6789.	6789.	0.	0.	6789.	1455.0	155.	6944.
8	7037.	7037.	0.	0.	7037.	1455.0	150.	7187.
9	7280.	7280.	0.	0.	7280.	1455.0	145.	7425.
10	7597.	7597.	0.	0.	7597.	1455.0	131.	7728.
11	7752.	7752.	0.	0.	7752.	1455.0	131.	7883.
12	7519.	7519.	0.	0.	7519.	1455.0	126.	7645.
13	7114.	7114.	0.	0.	7114.	1455.0	125.	7239.
14	6916.	6916.	0.	0.	6916.	1455.0	132.	7048.
15	6895.	6895.	0.	0.	6895.	1455.0	131.	7026.
16	6868.	6868.	0.	0.	6868.	1455.0	131.	6999.
17	6840.	6840.	0.	0.	6840.	1455.0	129.	6969.
18	6805.	6805.	0.	0.	6805.	1455.0	124.	6929.
19	6803.	6803.	0.	0.	6803.	1455.0	121.	6924.
20	6759.	6759.	0.	0.	6759.	1455.0	121.	6880.
21	6714.	6714.	0.	0.	6714.	1455.0	121.	6835.
22	6626.	6626.	0.	0.	6626.	1455.0	121.	6747.
23	6313.	6313.	0.	0.	6313.	1455.0	121.	6434.
24	6102.	6102.	0.	0.	6102.	1455.0	121.	6223.
25	5891.	5891.	0.	0.	5891.	1455.0	121.	6012.
26	5770.	5770.	0.	0.	5770.	1455.0	121.	5891.
27	5676.	5676.	0.	0.	5676.	1455.0	121.	5797.
28	5506.	5506.	0.	0.	5506.	1455.0	116.	5622.
29	5342.	5342.	0.	0.	5342.	1455.0	122.	5464.
30	5182.	5182.	0.	0.	5182.	1455.0	131.	5313.
31	4979.	4979.	0.	0.	4979.	1455.0	156.	5135.
32	4954.	4954.	0.	0.	4954.	1455.0	195.	5149.
33	5606.	5606.	0.	0.	5606.	1455.0	869.	6475.
34	7001.	7001.	0.	0.	7001.	1455.0	2246.	9247.
35	6494.	6494.	0.	0.	6494.	1455.0	1929.	8423.
36	5229.	7164.	0.	0.	7164.	1451.9	1836.	9000.
37	6935.	6445.	0.	0.	6445.	1452.7	2555.	9000.
38	6874.	6410.	0.	0.	6410.	1453.4	2590.	9000.
39	18581.	9223.	0.	8376.	17600.	1455.0	1886.	19485.
40	27823.	8037.	0.	19786.	27823.	1455.0	1606.	29429.
41	25325.	8858.	0.	16467.	25325.	1455.0	1461.	26786.
42	24447.	8813.	0.	15634.	24447.	1455.0	1410.	25857.
43	23623.	8822.	0.	14801.	23623.	1455.0	1363.	24986.
44	20824.	9148.	0.	11676.	20824.	1455.0	1390.	22214.
45	18816.	9156.	0.	9661.	18816.	1455.0	1327.	20143.
46	15653.	9297.	0.	6356.	15653.	1455.0	1104.	16757.
47	14145.	9443.	0.	4702.	14145.	1455.0	998.	15143.
48	12539.	9728.	0.	2811.	12539.	1455.0	890.	13429.
49	10453.	10004.	0.	449.	10453.	1455.0	818.	11271.
50	10471.	10235.	0.	237.	10471.	1455.0	820.	11291.
51	6687.	6687.	0.	0.	6687.	1455.0	523.	7210.
52	5120.	5600.	0.	0.	5600.	1454.1	400.	6000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	CANYON CONE VALVE ENVIRON. EXCESS RELEASE RELEASE	OUTFLOW	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1969 1	5213.	5690.	0.	0.	5690.	1453.4	310.	6000.
2	5581.	5732.	0.	0.	5732.	1453.1	268.	6000.
3	6384.	5207.	0.	0.	5207.	1455.0	206.	5413.
4	6088.	6088.	0.	0.	6088.	1455.0	182.	6270.
5	6289.	6289.	0.	0.	6289.	1455.0	157.	6446.
6	6514.	6514.	0.	0.	6514.	1455.0	127.	6641.
7	6742.	6742.	0.	0.	6742.	1455.0	96.	6838.
8	6987.	6987.	0.	0.	6987.	1455.0	85.	7072.
9	7221.	7221.	0.	0.	7221.	1455.0	69.	7290.
10	7533.	7533.	0.	0.	7533.	1455.0	54.	7587.
11	7689.	7689.	0.	0.	7689.	1455.0	51.	7740.
12	7461.	7461.	0.	0.	7461.	1455.0	49.	7510.
13	7055.	7055.	0.	0.	7055.	1455.0	46.	7101.
14	6848.	6848.	0.	0.	6848.	1455.0	40.	6888.
15	6828.	6828.	0.	0.	6828.	1455.0	39.	6867.
16	6801.	6801.	0.	0.	6801.	1455.0	37.	6838.
17	6777.	6777.	0.	0.	6777.	1455.0	37.	6814.
18	6748.	6748.	0.	0.	6748.	1455.0	37.	6785.
19	6756.	6756.	0.	0.	6756.	1455.0	40.	6796.
20	6716.	6716.	0.	0.	6716.	1455.0	41.	6757.
21	6679.	6679.	0.	0.	6679.	1455.0	43.	6722.
22	6596.	6596.	0.	0.	6596.	1455.0	43.	6639.
23	6286.	6286.	0.	0.	6286.	1455.0	44.	6330.
24	6079.	6079.	0.	0.	6079.	1455.0	45.	6124.
25	5872.	5872.	0.	0.	5872.	1455.0	47.	5919.
26	5753.	5753.	0.	0.	5753.	1455.0	49.	5802.
27	5673.	5673.	0.	0.	5673.	1455.0	79.	5752.
28	5515.	5515.	0.	0.	5515.	1455.0	93.	5608.
29	5365.	5365.	0.	0.	5365.	1455.0	123.	5488.
30	5230.	5230.	0.	0.	5230.	1455.0	174.	5404.
31	5048.	5048.	0.	0.	5048.	1455.0	192.	5240.
32	5110.	5110.	0.	0.	5110.	1455.0	286.	5396.
33	5217.	5458.	0.	0.	5458.	1454.6	542.	6000.
34	5830.	5589.	0.	0.	5589.	1455.0	953.	6542.
35	5103.	5377.	0.	0.	5377.	1454.6	623.	6000.
36	2705.	7512.	0.	0.	7512.	1446.0	488.	8000.
37	7355.	7378.	0.	0.	7378.	1446.0	622.	8000.
38	7320.	7320.	0.	0.	7320.	1446.0	680.	8000.
39	7381.	7381.	0.	0.	7381.	1446.0	619.	8000.
40	7796.	7796.	0.	0.	7796.	1446.0	204.	8000.
41	7743.	7743.	0.	0.	7743.	1446.0	257.	8000.
42	7734.	7734.	0.	0.	7734.	1446.0	266.	8000.
43	7778.	7778.	0.	0.	7778.	1446.0	222.	8000.
44	7317.	7317.	0.	0.	7317.	1446.0	683.	8000.
45	7041.	7041.	0.	0.	7041.	1446.0	959.	8000.
46	7504.	7504.	0.	0.	7504.	1446.0	496.	8000.
47	7597.	7597.	0.	0.	7597.	1446.0	403.	8000.
48	7641.	7641.	0.	0.	7641.	1446.0	359.	8000.
49	7621.	7621.	0.	0.	7621.	1446.0	379.	8000.
50	6668.	6668.	0.	0.	6668.	1446.0	332.	7000.
51	5715.	5715.	0.	0.	5715.	1446.0	285.	6000.
52	5760.	5760.	0.	0.	5760.	1446.0	240.	6000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1970 1	5673.	5673.	0.	0.	5673.	1446.0	327.	6000.
2	5877.	5692.	0.	0.	5692.	1446.4	308.	6000.
3	7110.	4730.	0.	0.	4730.	1451.0	270.	5000.
4	7359.	4821.	0.	0.	4821.	1455.0	182.	5003.
5	6345.	6345.	0.	0.	6345.	1455.0	99.	6444.
6	6592.	6592.	0.	0.	6592.	1455.0	80.	6672.
7	6835.	6835.	0.	0.	6835.	1455.0	64.	6899.
8	7091.	7091.	0.	0.	7091.	1455.0	57.	7148.
9	7343.	7343.	0.	0.	7343.	1455.0	53.	7396.
10	7688.	7688.	0.	0.	7688.	1455.0	60.	7748.
11	7854.	7854.	0.	0.	7854.	1455.0	58.	7912.
12	7630.	7630.	0.	0.	7630.	1455.0	57.	7687.
13	7223.	7223.	0.	0.	7223.	1455.0	57.	7280.
14	7031.	7031.	0.	0.	7031.	1455.0	70.	7101.
15	7017.	7017.	0.	0.	7017.	1455.0	69.	7086.
16	6995.	6995.	0.	0.	6995.	1455.0	66.	7061.
17	6975.	6975.	0.	0.	6975.	1455.0	65.	7040.
18	6950.	6950.	0.	0.	6950.	1455.0	65.	7015.
19	6955.	6955.	0.	0.	6955.	1455.0	61.	7016.
20	6913.	6913.	0.	0.	6913.	1455.0	57.	6970.
21	6875.	6875.	0.	0.	6875.	1455.0	57.	6932.
22	6791.	6791.	0.	0.	6791.	1455.0	57.	6848.
23	6466.	6466.	0.	0.	6466.	1455.0	52.	6518.
24	6253.	6253.	0.	0.	6253.	1455.0	53.	6306.
25	6041.	6041.	0.	0.	6041.	1455.0	55.	6096.
26	5919.	5919.	0.	0.	5919.	1455.0	55.	5974.
27	5804.	5804.	0.	0.	5804.	1455.0	39.	5843.
28	5638.	5638.	0.	0.	5638.	1455.0	43.	5681.
29	5468.	5468.	0.	0.	5468.	1455.0	50.	5518.
30	5303.	5303.	0.	0.	5303.	1455.0	60.	5363.
31	5120.	5120.	0.	0.	5120.	1455.0	110.	5230.
32	5185.	5185.	0.	0.	5185.	1455.0	231.	5416.
33	5734.	5734.	0.	0.	5734.	1455.0	818.	6552.
34	5570.	5570.	0.	0.	5570.	1455.0	739.	6309.
35	5703.	5703.	0.	0.	5703.	1455.0	983.	6686.
36	5408.	6534.	0.	0.	6534.	1453.2	1466.	8000.
37	5133.	6586.	0.	0.	6586.	1450.9	1414.	8000.
38	4830.	6662.	0.	0.	6662.	1447.4	1338.	8000.
39	7041.	5745.	0.	0.	5745.	1450.0	2255.	8000.
40	5540.	6047.	0.	0.	6047.	1449.0	1953.	8000.
41	4882.	6362.	0.	0.	6362.	1446.0	1638.	8000.
42	6245.	6245.	0.	0.	6245.	1446.0	1755.	8000.
43	6321.	6321.	0.	0.	6321.	1446.0	1679.	8000.
44	6330.	6330.	0.	0.	6330.	1446.0	1670.	8000.
45	6784.	6784.	0.	0.	6784.	1446.0	1216.	8000.
46	7061.	7061.	0.	0.	7061.	1446.0	939.	8000.
47	6939.	6939.	0.	0.	6939.	1446.0	1061.	8000.
48	7235.	7235.	0.	0.	7235.	1446.0	765.	8000.
49	7097.	7097.	0.	0.	7097.	1446.0	903.	8000.
50	6282.	6282.	0.	0.	6282.	1446.0	718.	7000.
51	5707.	5267.	0.	0.	5267.	1446.9	733.	6000.
52	5207.	5592.	0.	0.	5592.	1446.0	408.	6000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1971 1	6370.	5276.	0.	0.	5276.	1448.2	724.	6000.
2	6526.	5396.	0.	0.	5396.	1450.4	604.	6000.
3	7471.	4592.	0.	0.	4592.	1455.0	492.	5084.
4	6343.	6343.	0.	0.	6343.	1455.0	419.	6762.
5	6552.	6552.	0.	0.	6552.	1455.0	379.	6931.
6	6788.	6788.	0.	0.	6788.	1455.0	351.	7139.
7	7010.	7010.	0.	0.	7010.	1455.0	319.	7329.
8	7228.	7228.	0.	0.	7228.	1455.0	282.	7510.
9	7446.	7446.	0.	0.	7446.	1455.0	257.	7703.
10	7752.	7752.	0.	0.	7752.	1455.0	250.	8002.
11	7892.	7892.	0.	0.	7892.	1455.0	234.	8126.
12	7646.	7646.	0.	0.	7646.	1455.0	214.	7860.
13	7218.	7218.	0.	0.	7218.	1455.0	192.	7410.
14	6975.	6975.	0.	0.	6975.	1455.0	146.	7121.
15	6940.	6940.	0.	0.	6940.	1455.0	128.	7068.
16	6902.	6902.	0.	0.	6902.	1455.0	116.	7018.
17	6862.	6862.	0.	0.	6862.	1455.0	103.	6965.
18	6828.	6828.	0.	0.	6828.	1455.0	98.	6926.
19	6833.	6833.	0.	0.	6833.	1455.0	101.	6934.
20	6786.	6786.	0.	0.	6786.	1455.0	92.	6878.
21	6747.	6747.	0.	0.	6747.	1455.0	92.	6839.
22	6662.	6662.	0.	0.	6662.	1455.0	90.	6752.
23	6344.	6344.	0.	0.	6344.	1455.0	85.	6429.
24	6134.	6134.	0.	0.	6134.	1455.0	85.	6219.
25	5924.	5924.	0.	0.	5924.	1455.0	85.	6009.
26	5803.	5803.	0.	0.	5803.	1455.0	85.	5888.
27	5720.	5720.	0.	0.	5720.	1455.0	94.	5814.
28	5556.	5556.	0.	0.	5556.	1455.0	97.	5653.
29	5394.	5394.	0.	0.	5394.	1455.0	106.	5500.
30	5237.	5237.	0.	0.	5237.	1455.0	118.	5355.
31	5002.	5002.	0.	0.	5002.	1455.0	145.	5147.
32	4964.	4964.	0.	0.	4964.	1455.0	200.	5164.
33	4306.	5706.	0.	0.	5706.	1452.8	294.	6000.
34	4727.	5481.	0.	0.	5481.	1451.6	519.	6000.
35	5511.	5147.	0.	0.	5147.	1452.1	853.	6000.
36	4439.	7753.	0.	0.	7753.	1446.0	1247.	9000.
37	7674.	6426.	0.	0.	6426.	1448.5	2574.	9000.
38	6189.	7437.	0.	0.	7437.	1446.0	1563.	9000.
39	6842.	6842.	0.	0.	6842.	1446.0	2158.	9000.
40	7718.	7718.	0.	0.	7718.	1446.0	1282.	9000.
41	7696.	7696.	0.	0.	7696.	1446.0	1304.	9000.
42	7497.	7497.	0.	0.	7497.	1446.0	1503.	9000.
43	8023.	8023.	0.	0.	8023.	1446.0	977.	9000.
44	19863.	9191.	0.	5568.	14759.	1455.0	1196.	15955.
45	35690.	0.	0.	35690.	35690.	1455.0	1737.	37427.
46	35364.	0.	0.	35364.	35364.	1455.0	1553.	36917.
47	33976.	152.	0.	33824.	33976.	1455.0	952.	34928.
48	18657.	9754.	0.	8903.	18657.	1455.0	814.	19471.
49	21459.	10052.	0.	11407.	21459.	1455.0	1398.	22857.
50	13693.	10251.	0.	3442.	13693.	1455.0	893.	14586.
51	10354.	10354.	0.	0.	10354.	1455.0	675.	11029.
52	8985.	8985.	0.	0.	8985.	1455.0	587.	9572.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1972 1	7354.	7354.	0.	0.	7354.	1455.0	390.	7744.
2	6590.	6590.	0.	0.	6590.	1455.0	349.	6939.
3	5901.	5901.	0.	0.	5901.	1455.0	265.	6166.
4	6116.	6116.	0.	0.	6116.	1455.0	219.	6335.
5	6336.	6336.	0.	0.	6336.	1455.0	214.	6550.
6	6571.	6571.	0.	0.	6571.	1455.0	201.	6772.
7	6814.	6814.	0.	0.	6814.	1455.0	190.	7004.
8	7058.	7058.	0.	0.	7058.	1455.0	179.	7237.
9	7295.	7295.	0.	0.	7295.	1455.0	169.	7464.
10	7664.	7664.	0.	0.	7664.	1455.0	211.	7875.
11	7818.	7818.	0.	0.	7818.	1455.0	211.	8029.
12	7576.	7576.	0.	0.	7576.	1455.0	195.	7771.
13	7171.	7171.	0.	0.	7171.	1455.0	195.	7366.
14	6988.	6988.	0.	0.	6988.	1455.0	218.	7206.
15	6949.	6949.	0.	0.	6949.	1455.0	199.	7148.
16	6923.	6923.	0.	0.	6923.	1455.0	199.	7122.
17	6896.	6896.	0.	0.	6896.	1455.0	199.	7095.
18	6864.	6864.	0.	0.	6864.	1455.0	200.	7064.
19	6865.	6865.	0.	0.	6865.	1455.0	201.	7066.
20	6812.	6812.	0.	0.	6812.	1455.0	193.	7005.
21	6768.	6768.	0.	0.	6768.	1455.0	193.	6961.
22	6672.	6672.	0.	0.	6672.	1455.0	184.	6855.
23	6344.	6344.	0.	0.	6344.	1455.0	168.	6512.
24	6125.	6125.	0.	0.	6125.	1455.0	161.	6286.
25	5914.	5914.	0.	0.	5914.	1455.0	161.	6075.
26	5790.	5790.	0.	0.	5790.	1455.0	158.	5948.
27	5682.	5682.	0.	0.	5682.	1455.0	217.	5899.
28	5516.	5516.	0.	0.	5516.	1455.0	217.	5733.
29	5343.	5343.	0.	0.	5343.	1455.0	207.	5550.
30	5182.	5182.	0.	0.	5182.	1455.0	217.	5399.
31	5107.	5107.	0.	0.	5107.	1455.0	440.	5547.
32	6482.	6482.	0.	0.	6482.	1455.0	2501.	8983.
33	6383.	6383.	0.	0.	6383.	1455.0	2463.	8846.
34	6997.	6997.	0.	0.	6997.	1455.0	3434.	10431.
35	8479.	8479.	0.	0.	8479.	1455.0	4856.	13335.
36	4687.	7861.	0.	0.	7861.	1449.9	1139.	9000.
37	7790.	6980.	0.	0.	6980.	1451.2	2020.	9000.
38	33744.	3699.	0.	27681.	31380.	1455.0	1769.	33149.
39	24532.	9236.	0.	15296.	24532.	1455.0	1197.	25729.
40	24274.	8897.	0.	15377.	24274.	1455.0	1097.	25371.
41	24261.	8855.	0.	15406.	24261.	1455.0	1096.	25357.
42	21623.	8804.	0.	12819.	21623.	1455.0	977.	22600.
43	17632.	8803.	0.	8829.	17632.	1455.0	797.	18429.
44	19568.	9144.	0.	10424.	19568.	1455.0	675.	20243.
45	20953.	9163.	0.	11790.	20953.	1455.0	776.	21729.
46	19219.	9309.	0.	9910.	19219.	1455.0	710.	19929.
47	19865.	9464.	0.	10401.	19865.	1455.0	735.	20600.
48	13290.	9732.	0.	3558.	13290.	1455.0	496.	13786.
49	12589.	10015.	0.	2574.	12589.	1455.0	597.	13186.
50	17212.	10267.	0.	6945.	17212.	1455.0	817.	18029.
51	12685.	10477.	0.	2209.	12685.	1455.0	601.	13286.
52	5728.	5728.	0.	0.	5728.	1455.0	272.	6000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1973 1	4827.	5845.	0.	0.	5845.	1453.4	155.	6000.
2	5277.	5857.	0.	0.	5857.	1452.5	143.	6000.
3	6594.	4996.	0.	0.	4996.	1455.0	198.	5194.
4	6066.	6066.	0.	0.	6066.	1455.0	148.	6214.
5	6262.	6262.	0.	0.	6262.	1455.0	144.	6406.
6	6496.	6496.	0.	0.	6496.	1455.0	135.	6631.
7	6734.	6734.	0.	0.	6734.	1455.0	115.	6849.
8	6982.	6982.	0.	0.	6982.	1455.0	106.	7088.
9	7216.	7216.	0.	0.	7216.	1455.0	89.	7305.
10	7554.	7554.	0.	0.	7554.	1455.0	89.	7643.
11	7701.	7701.	0.	0.	7701.	1455.0	80.	7781.
12	7473.	7473.	0.	0.	7473.	1455.0	79.	7552.
13	7070.	7070.	0.	0.	7070.	1455.0	79.	7149.
14	6850.	6850.	0.	0.	6850.	1455.0	67.	6917.
15	6828.	6828.	0.	0.	6828.	1455.0	66.	6894.
16	6804.	6804.	0.	0.	6804.	1455.0	66.	6870.
17	6779.	6779.	0.	0.	6779.	1455.0	66.	6845.
18	6748.	6748.	0.	0.	6748.	1455.0	58.	6806.
19	6765.	6765.	0.	0.	6765.	1455.0	58.	6823.
20	6722.	6722.	0.	0.	6722.	1455.0	58.	6780.
21	6679.	6679.	0.	0.	6679.	1455.0	58.	6737.
22	6586.	6586.	0.	0.	6586.	1455.0	64.	6650.
23	6250.	6250.	0.	0.	6250.	1455.0	55.	6305.
24	6042.	6042.	0.	0.	6042.	1455.0	55.	6097.
25	5833.	5833.	0.	0.	5833.	1455.0	55.	5888.
26	5713.	5713.	0.	0.	5713.	1455.0	55.	5768.
27	5625.	5625.	0.	0.	5625.	1455.0	51.	5676.
28	5459.	5459.	0.	0.	5459.	1455.0	51.	5510.
29	5291.	5291.	0.	0.	5291.	1455.0	51.	5342.
30	5127.	5127.	0.	0.	5127.	1455.0	54.	5181.
31	4898.	4898.	0.	0.	4898.	1455.0	71.	4969.
32	4873.	4873.	0.	0.	4873.	1455.0	134.	5007.
33	4626.	5537.	0.	0.	5537.	1453.5	463.	6000.
34	4911.	5364.	0.	0.	5364.	1452.8	636.	6000.
35	5135.	5260.	0.	0.	5260.	1452.6	740.	6000.
36	4420.	8034.	0.	0.	8034.	1446.0	966.	9000.
37	7389.	7389.	0.	0.	7389.	1446.0	1611.	9000.
38	7257.	7257.	0.	0.	7257.	1446.0	1743.	9000.
39	7855.	7855.	0.	0.	7855.	1446.0	1145.	9000.
40	8328.	8328.	0.	0.	8328.	1446.0	672.	9000.
41	8359.	8359.	0.	0.	8359.	1446.0	641.	9000.
42	8515.	8515.	0.	0.	8515.	1446.0	485.	9000.
43	8476.	8476.	0.	0.	8476.	1446.0	524.	9000.
44	12188.	8373.	0.	0.	8373.	1452.9	627.	9000.
45	20275.	9171.	0.	9816.	18986.	1455.0	754.	19740.
46	16155.	9299.	0.	6856.	16155.	1455.0	602.	16757.
47	21018.	9468.	0.	11550.	21018.	1455.0	782.	21800.
48	22260.	9767.	0.	12493.	22260.	1455.0	911.	23171.
49	12074.	10013.	0.	2062.	12074.	1455.0	740.	12814.
50	8425.	8425.	0.	0.	8425.	1455.0	517.	8942.
51	7115.	7115.	0.	0.	7115.	1455.0	436.	7551.
52	5779.	5779.	0.	0.	5779.	1455.0	355.	6134.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1974 1	5328.	5639.	0.	0.	5639.	1454.5	361.	6000.
2	5621.	5710.	0.	0.	5710.	1454.4	290.	6000.
3	6017.	5617.	0.	0.	5617.	1455.0	200.	5817.
4	6051.	6051.	0.	0.	6051.	1455.0	151.	6202.
5	6215.	6215.	0.	0.	6215.	1455.0	79.	6294.
6	6462.	6462.	0.	0.	6462.	1455.0	69.	6531.
7	6712.	6712.	0.	0.	6712.	1455.0	64.	6776.
8	6964.	6964.	0.	0.	6964.	1455.0	58.	7022.
9	7207.	7207.	0.	0.	7207.	1455.0	53.	7260.
10	7525.	7525.	0.	0.	7525.	1455.0	44.	7569.
11	7678.	7678.	0.	0.	7678.	1455.0	40.	7718.
12	7451.	7451.	0.	0.	7451.	1455.0	38.	7489.
13	7046.	7046.	0.	0.	7046.	1455.0	37.	7083.
14	6840.	6840.	0.	0.	6840.	1455.0	31.	6871.
15	6820.	6820.	0.	0.	6820.	1455.0	30.	6850.
16	6795.	6795.	0.	0.	6795.	1455.0	29.	6824.
17	6771.	6771.	0.	0.	6771.	1455.0	28.	6799.
18	6739.	6739.	0.	0.	6739.	1455.0	31.	6770.
19	6745.	6745.	0.	0.	6745.	1455.0	35.	6780.
20	6704.	6704.	0.	0.	6704.	1455.0	35.	6739.
21	6663.	6663.	0.	0.	6663.	1455.0	33.	6696.
22	6581.	6581.	0.	0.	6581.	1455.0	32.	6613.
23	6275.	6275.	0.	0.	6275.	1455.0	36.	6311.
24	6066.	6066.	0.	0.	6066.	1455.0	36.	6102.
25	5855.	5855.	0.	0.	5855.	1455.0	34.	5889.
26	5735.	5735.	0.	0.	5735.	1455.0	34.	5769.
27	5642.	5642.	0.	0.	5642.	1455.0	61.	5703.
28	5476.	5476.	0.	0.	5476.	1455.0	64.	5540.
29	5313.	5313.	0.	0.	5313.	1455.0	77.	5390.
30	5164.	5164.	0.	0.	5164.	1455.0	121.	5285.
31	5043.	5043.	0.	0.	5043.	1455.0	184.	5227.
32	5254.	5254.	0.	0.	5254.	1455.0	361.	5615.
33	5586.	5586.	0.	0.	5586.	1455.0	675.	6261.
34	6573.	6573.	0.	0.	6573.	1455.0	1508.	8081.
35	6733.	6733.	0.	0.	6733.	1455.0	1974.	8707.
36	3905.	7552.	0.	0.	7552.	1449.0	1448.	9000.
37	6306.	7763.	0.	0.	7763.	1446.0	1237.	9000.
38	7843.	7843.	0.	0.	7843.	1446.0	1157.	9000.
39	7765.	7765.	0.	0.	7765.	1446.0	1235.	9000.
40	8058.	8058.	0.	0.	8058.	1446.0	942.	9000.
41	7830.	7830.	0.	0.	7830.	1446.0	1170.	9000.
42	7927.	7927.	0.	0.	7927.	1446.0	1073.	9000.
43	7968.	7968.	0.	0.	7968.	1446.0	1032.	9000.
44	7891.	7891.	0.	0.	7891.	1446.0	1109.	9000.
45	7807.	7807.	0.	0.	7807.	1446.0	1193.	9000.
46	7980.	7980.	0.	0.	7980.	1446.0	1020.	9000.
47	8193.	8193.	0.	0.	8193.	1446.0	807.	9000.
48	15824.	9786.	0.	934.	10720.	1455.0	1058.	11778.
49	15586.	10030.	0.	5556.	15586.	1455.0	1028.	16614.
50	8738.	8738.	0.	0.	8738.	1455.0	576.	9314.
51	8830.	8830.	0.	0.	8830.	1455.0	583.	9413.
52	11618.	10647.	0.	971.	11618.	1455.0	767.	12385.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL	DEVIL CANYON OUTFLOW			TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	CANYON INFLOW	TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1975 1	5268.	5655.	0.	0.	5655.	1454.4	345.	6000.
2	5743.	5657.	0.	0.	5657.	1454.5	343.	6000.
3	5948.	5647.	0.	0.	5647.	1455.0	182.	5829.
4	6017.	6017.	0.	0.	6017.	1455.0	121.	6138.
5	6220.	6220.	0.	0.	6220.	1455.0	82.	6302.
6	6478.	6478.	0.	0.	6478.	1455.0	78.	6556.
7	6732.	6732.	0.	0.	6732.	1455.0	78.	6810.
8	6988.	6988.	0.	0.	6988.	1455.0	78.	7066.
9	7236.	7236.	0.	0.	7236.	1455.0	79.	7315.
10	7601.	7601.	0.	0.	7601.	1455.0	121.	7722.
11	7758.	7758.	0.	0.	7758.	1455.0	121.	7879.
12	7531.	7531.	0.	0.	7531.	1455.0	121.	7652.
13	7126.	7126.	0.	0.	7126.	1455.0	121.	7247.
14	6912.	6912.	0.	0.	6912.	1455.0	113.	7025.
15	6886.	6886.	0.	0.	6886.	1455.0	106.	6992.
16	6860.	6860.	0.	0.	6860.	1455.0	106.	6966.
17	6835.	6835.	0.	0.	6835.	1455.0	106.	6941.
18	6806.	6806.	0.	0.	6806.	1455.0	107.	6913.
19	6834.	6834.	0.	0.	6834.	1455.0	135.	6969.
20	6791.	6791.	0.	0.	6791.	1455.0	135.	6926.
21	6743.	6743.	0.	0.	6743.	1455.0	130.	6873.
22	6653.	6653.	0.	0.	6653.	1455.0	126.	6779.
23	6346.	6346.	0.	0.	6346.	1455.0	128.	6474.
24	6137.	6137.	0.	0.	6137.	1455.0	128.	6265.
25	5927.	5927.	0.	0.	5927.	1455.0	128.	6055.
26	5806.	5806.	0.	0.	5806.	1455.0	128.	5934.
27	5710.	5710.	0.	0.	5710.	1455.0	152.	5862.
28	5544.	5544.	0.	0.	5544.	1455.0	154.	5698.
29	5385.	5385.	0.	0.	5385.	1455.0	168.	5553.
30	5241.	5241.	0.	0.	5241.	1455.0	199.	5440.
31	5074.	5074.	0.	0.	5074.	1455.0	284.	5358.
32	5321.	5321.	0.	0.	5321.	1455.0	673.	5994.
33	5912.	5912.	0.	0.	5912.	1455.0	1479.	7391.
34	6479.	6479.	0.	0.	6479.	1455.0	2259.	8738.
35	7005.	7005.	0.	0.	7005.	1455.0	2792.	9797.
36	6223.	7062.	0.	0.	7062.	1453.7	1938.	9000.
37	4679.	7543.	0.	0.	7543.	1448.9	1457.	9000.
38	5770.	7170.	0.	0.	7170.	1446.0	1830.	9000.
39	7365.	7365.	0.	0.	7365.	1446.0	1635.	9000.
40	22846.	8940.	0.	8802.	17742.	1455.0	1345.	19087.
41	28436.	7116.	0.	21320.	28436.	1455.0	1464.	29900.
42	26957.	8664.	0.	18293.	26957.	1455.0	1386.	28343.
43	24660.	8826.	0.	15834.	24660.	1455.0	1269.	25929.
44	22789.	9155.	0.	13634.	22789.	1455.0	1411.	24200.
45	18242.	9154.	0.	9089.	18242.	1455.0	1244.	19486.
46	17426.	9303.	0.	8123.	17426.	1455.0	1188.	18614.
47	15380.	9449.	0.	5932.	15380.	1455.0	1049.	16429.
48	13252.	9732.	0.	3521.	13252.	1455.0	905.	14157.
49	10858.	10006.	0.	852.	10858.	1455.0	885.	11743.
50	18386.	10272.	0.	8114.	18386.	1455.0	1500.	19886.
51	17223.	10498.	0.	6725.	17223.	1455.0	1406.	18629.
52	14515.	10663.	0.	3852.	14515.	1455.0	1185.	15700.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1976 1	9346.	9346.	0.	0.	9346.	1455.0	940.	10286.
2	8243.	8243.	0.	0.	8243.	1455.0	828.	9071.
3	7593.	7593.	0.	0.	7593.	1455.0	764.	8357.
4	6357.	6357.	0.	0.	6357.	1455.0	451.	6808.
5	6366.	6366.	0.	0.	6366.	1455.0	270.	6636.
6	6552.	6552.	0.	0.	6552.	1455.0	216.	6768.
7	6766.	6766.	0.	0.	6766.	1455.0	164.	6930.
8	6995.	6995.	0.	0.	6995.	1455.0	130.	7125.
9	7227.	7227.	0.	0.	7227.	1455.0	104.	7331.
10	7545.	7545.	0.	0.	7545.	1455.0	80.	7625.
11	7699.	7699.	0.	0.	7699.	1455.0	77.	7776.
12	7471.	7471.	0.	0.	7471.	1455.0	74.	7545.
13	7064.	7064.	0.	0.	7064.	1455.0	70.	7134.
14	6869.	6869.	0.	0.	6869.	1455.0	80.	6949.
15	6851.	6851.	0.	0.	6851.	1455.0	79.	6930.
16	6823.	6823.	0.	0.	6823.	1455.0	76.	6899.
17	6798.	6798.	0.	0.	6798.	1455.0	75.	6873.
18	6768.	6768.	0.	0.	6768.	1455.0	74.	6842.
19	6770.	6770.	0.	0.	6770.	1455.0	70.	6840.
20	6728.	6728.	0.	0.	6728.	1455.0	70.	6798.
21	6686.	6686.	0.	0.	6686.	1455.0	70.	6756.
22	6599.	6599.	0.	0.	6599.	1455.0	73.	6672.
23	6290.	6290.	0.	0.	6290.	1455.0	78.	6368.
24	6082.	6082.	0.	0.	6082.	1455.0	78.	6160.
25	5873.	5873.	0.	0.	5873.	1455.0	78.	5951.
26	5753.	5753.	0.	0.	5753.	1455.0	78.	5831.
27	5657.	5657.	0.	0.	5657.	1455.0	144.	5801.
28	5494.	5494.	0.	0.	5494.	1455.0	151.	5645.
29	5340.	5340.	0.	0.	5340.	1455.0	188.	5528.
30	5224.	5224.	0.	0.	5224.	1455.0	314.	5538.
31	5308.	5308.	0.	0.	5308.	1455.0	646.	5954.
32	6131.	6131.	0.	0.	6131.	1455.0	1569.	7700.
33	6008.	6008.	0.	0.	6008.	1455.0	1508.	7516.
34	5997.	5997.	0.	0.	5997.	1455.0	1578.	7575.
35	6162.	6162.	0.	0.	6162.	1455.0	1733.	7895.
36	4969.	7545.	0.	0.	7545.	1450.9	1455.	9000.
37	5225.	7431.	0.	0.	7431.	1446.7	1569.	9000.
38	7574.	7895.	0.	0.	7895.	1446.0	1105.	9000.
39	7934.	7934.	0.	0.	7934.	1446.0	1066.	9000.
40	7947.	7947.	0.	0.	7947.	1446.0	1053.	9000.
41	7949.	7949.	0.	0.	7949.	1446.0	1051.	9000.
42	7999.	7999.	0.	0.	7999.	1446.0	1001.	9000.
43	7974.	7974.	0.	0.	7974.	1446.0	1026.	9000.
44	11770.	8536.	0.	0.	8536.	1452.0	464.	9000.
45	27600.	6407.	0.	19324.	25730.	1455.0	114.	25844.
46	20486.	9314.	0.	11172.	20486.	1455.0	85.	20571.
47	15736.	9450.	0.	6286.	15736.	1455.0	64.	15800.
48	11079.	9721.	0.	1358.	11079.	1455.0	104.	11183.
49	7164.	7435.	0.	0.	7435.	1454.6	565.	8000.
50	5867.	6537.	0.	0.	6537.	1453.5	463.	7000.
51	5902.	5535.	0.	0.	5535.	1454.1	465.	6000.
52	6285.	5783.	0.	0.	5783.	1455.0	496.	6279.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1977 1	5398.	5611.	0.	0.	5611.	1454.7	389.	6000.
2	5689.	5683.	0.	0.	5683.	1454.7	317.	6000.
3	6031.	5823.	0.	0.	5823.	1455.0	302.	6125.
4	6167.	6167.	0.	0.	6167.	1455.0	269.	6436.
5	6418.	6418.	0.	0.	6418.	1455.0	291.	6709.
6	6657.	6657.	0.	0.	6657.	1455.0	276.	6933.
7	6895.	6895.	0.	0.	6895.	1455.0	258.	7153.
8	7135.	7135.	0.	0.	7135.	1455.0	244.	7379.
9	7426.	7426.	0.	0.	7426.	1455.0	286.	7712.
10	7764.	7764.	0.	0.	7764.	1455.0	285.	8049.
11	7893.	7893.	0.	0.	7893.	1455.0	257.	8150.
12	7643.	7643.	0.	0.	7643.	1455.0	237.	7880.
13	7221.	7221.	0.	0.	7221.	1455.0	219.	7440.
14	6972.	6972.	0.	0.	6972.	1455.0	185.	7157.
15	6946.	6946.	0.	0.	6946.	1455.0	180.	7126.
16	6911.	6911.	0.	0.	6911.	1455.0	171.	7082.
17	6882.	6882.	0.	0.	6882.	1455.0	167.	7049.
18	6846.	6846.	0.	0.	6846.	1455.0	157.	7003.
19	6838.	6838.	0.	0.	6838.	1455.0	142.	6980.
20	6792.	6792.	0.	0.	6792.	1455.0	139.	6931.
21	6749.	6749.	0.	0.	6749.	1455.0	139.	6888.
22	6659.	6659.	0.	0.	6659.	1455.0	142.	6801.
23	6341.	6341.	0.	0.	6341.	1455.0	145.	6486.
24	6132.	6132.	0.	0.	6132.	1455.0	145.	6277.
25	5922.	5922.	0.	0.	5922.	1455.0	145.	6067.
26	5801.	5801.	0.	0.	5801.	1455.0	145.	5946.
27	5737.	5737.	0.	0.	5737.	1455.0	162.	5899.
28	5570.	5570.	0.	0.	5570.	1455.0	162.	5732.
29	5410.	5410.	0.	0.	5410.	1455.0	170.	5580.
30	5251.	5251.	0.	0.	5251.	1455.0	179.	5430.
31	5047.	5047.	0.	0.	5047.	1455.0	259.	5306.
32	5135.	5135.	0.	0.	5135.	1455.0	483.	5618.
33	6046.	6046.	0.	0.	6046.	1455.0	1750.	7796.
34	6697.	6697.	0.	0.	6697.	1455.0	2685.	9382.
35	7696.	7696.	0.	0.	7696.	1455.0	3752.	11448.
36	5857.	7234.	0.	0.	7234.	1452.8	1766.	9000.
37	7433.	6662.	0.	0.	6662.	1454.0	2338.	9000.
38	6015.	7085.	0.	0.	7085.	1452.3	1915.	9000.
39	17448.	9225.	0.	6547.	15772.	1455.0	1709.	17481.
40	20430.	8884.	0.	11546.	20430.	1455.0	1284.	21714.
41	22716.	8850.	0.	13866.	22716.	1455.0	1427.	24143.
42	24005.	8812.	0.	15193.	24005.	1455.0	1509.	25514.
43	19973.	8810.	0.	11163.	19973.	1455.0	1256.	21229.
44	21372.	9150.	0.	12222.	21372.	1455.0	914.	22286.
45	20695.	9162.	0.	11533.	20695.	1455.0	634.	21329.
46	18935.	9308.	0.	9627.	18935.	1455.0	579.	19514.
47	19143.	9462.	0.	9681.	19143.	1455.0	586.	19729.
48	12101.	9726.	0.	2375.	12101.	1455.0	413.	12514.
49	9714.	9714.	0.	0.	9714.	1455.0	649.	10363.
50	13751.	10252.	0.	3499.	13751.	1455.0	920.	14671.
51	13190.	10479.	0.	2711.	13190.	1455.0	881.	14071.
52	11099.	10645.	0.	455.	11099.	1455.0	743.	11842.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1978 1	8112.	8112.	0.	0.	8112.	1455.0	717.	8829.
2	8229.	8229.	0.	0.	8229.	1455.0	728.	8957.
3	7232.	7232.	0.	0.	7232.	1455.0	639.	7871.
4	6372.	6372.	0.	0.	6372.	1455.0	476.	6848.
5	6520.	6520.	0.	0.	6520.	1455.0	407.	6927.
6	6716.	6716.	0.	0.	6716.	1455.0	355.	7071.
7	6935.	6935.	0.	0.	6935.	1455.0	319.	7254.
8	7166.	7166.	0.	0.	7166.	1455.0	296.	7462.
9	7386.	7386.	0.	0.	7386.	1455.0	272.	7658.
10	7681.	7681.	0.	0.	7681.	1455.0	234.	7915.
11	7825.	7825.	0.	0.	7825.	1455.0	224.	8049.
12	7591.	7591.	0.	0.	7591.	1455.0	217.	7808.
13	7171.	7171.	0.	0.	7171.	1455.0	201.	7372.
14	6943.	6943.	0.	0.	6943.	1455.0	176.	7119.
15	6912.	6912.	0.	0.	6912.	1455.0	165.	7077.
16	6878.	6878.	0.	0.	6878.	1455.0	157.	7035.
17	6846.	6846.	0.	0.	6846.	1455.0	151.	6997.
18	6807.	6807.	0.	0.	6807.	1455.0	144.	6951.
19	6810.	6810.	0.	0.	6810.	1455.0	152.	6962.
20	6763.	6763.	0.	0.	6763.	1455.0	147.	6910.
21	6719.	6719.	0.	0.	6719.	1455.0	147.	6866.
22	6627.	6627.	0.	0.	6627.	1455.0	140.	6767.
23	6298.	6298.	0.	0.	6298.	1455.0	122.	6420.
24	6087.	6087.	0.	0.	6087.	1455.0	122.	6209.
25	5876.	5876.	0.	0.	5876.	1455.0	122.	5998.
26	5755.	5755.	0.	0.	5755.	1455.0	123.	5878.
27	5652.	5652.	0.	0.	5652.	1455.0	209.	5861.
28	5486.	5486.	0.	0.	5486.	1455.0	209.	5695.
29	5319.	5319.	0.	0.	5319.	1455.0	209.	5528.
30	5158.	5158.	0.	0.	5158.	1455.0	221.	5379.
31	4886.	4886.	0.	0.	4886.	1455.0	139.	5025.
32	4978.	4978.	0.	0.	4978.	1455.0	213.	5191.
33	4365.	5710.	0.	0.	5710.	1452.9	290.	6000.
34	3952.	5804.	0.	0.	5804.	1449.9	196.	6000.
35	3948.	5779.	0.	0.	5779.	1446.2	221.	6000.
36	7456.	7531.	0.	0.	7531.	1446.0	469.	8000.
37	7349.	7349.	0.	0.	7349.	1446.0	651.	8000.
38	7443.	7443.	0.	0.	7443.	1446.0	557.	8000.
39	7306.	7306.	0.	0.	7306.	1446.0	694.	8000.
40	7010.	7010.	0.	0.	7010.	1446.0	990.	8000.
41	7081.	7081.	0.	0.	7081.	1446.0	919.	8000.
42	7071.	7071.	0.	0.	7071.	1446.0	929.	8000.
43	19561.	8853.	0.	5605.	14458.	1455.0	911.	15369.
44	18935.	9142.	0.	9793.	18935.	1455.0	1279.	20214.
45	17917.	9152.	0.	8765.	17917.	1455.0	1197.	19114.
46	16659.	9301.	0.	7358.	16659.	1455.0	1112.	17771.
47	13901.	9441.	0.	4460.	13901.	1455.0	928.	14829.
48	10010.	9715.	0.	295.	10010.	1455.0	676.	10686.
49	10516.	10005.	0.	511.	10516.	1455.0	698.	11214.
50	9480.	9480.	0.	0.	9480.	1455.0	629.	10109.
51	7126.	7126.	0.	0.	7126.	1455.0	473.	7599.
52	5317.	5646.	0.	0.	5646.	1454.4	354.	6000.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1979 1	5514.	5589.	0.	0.	5589.	1454.3	411.	6000.
2	6068.	5617.	0.	0.	5617.	1455.0	462.	6079.
3	6029.	6029.	0.	0.	6029.	1455.0	373.	6402.
4	6193.	6193.	0.	0.	6193.	1455.0	281.	6474.
5	6422.	6422.	0.	0.	6422.	1455.0	310.	6732.
6	6643.	6643.	0.	0.	6643.	1455.0	296.	6939.
7	6833.	6833.	0.	0.	6833.	1455.0	222.	7055.
8	7065.	7065.	0.	0.	7065.	1455.0	195.	7260.
9	7303.	7303.	0.	0.	7303.	1455.0	179.	7482.
10	7616.	7616.	0.	0.	7616.	1455.0	152.	7768.
11	7760.	7760.	0.	0.	7760.	1455.0	138.	7898.
12	7521.	7521.	0.	0.	7521.	1455.0	124.	7645.
13	7113.	7113.	0.	0.	7113.	1455.0	119.	7232.
14	6886.	6886.	0.	0.	6886.	1455.0	98.	6984.
15	6862.	6862.	0.	0.	6862.	1455.0	94.	6956.
16	6837.	6837.	0.	0.	6837.	1455.0	94.	6931.
17	6812.	6812.	0.	0.	6812.	1455.0	94.	6906.
18	6774.	6774.	0.	0.	6774.	1455.0	87.	6861.
19	6775.	6775.	0.	0.	6775.	1455.0	82.	6857.
20	6731.	6731.	0.	0.	6731.	1455.0	82.	6813.
21	6689.	6689.	0.	0.	6689.	1455.0	82.	6771.
22	6595.	6595.	0.	0.	6595.	1455.0	74.	6669.
23	6239.	6239.	0.	0.	6239.	1455.0	31.	6270.
24	6031.	6031.	0.	0.	6031.	1455.0	31.	6062.
25	5821.	5821.	0.	0.	5821.	1455.0	31.	5852.
26	5700.	5700.	0.	0.	5700.	1455.0	31.	5731.
27	5621.	5621.	0.	0.	5621.	1455.0	69.	5690.
28	5457.	5457.	0.	0.	5457.	1455.0	73.	5530.
29	5292.	5292.	0.	0.	5292.	1455.0	81.	5373.
30	5135.	5135.	0.	0.	5135.	1455.0	103.	5238.
31	4938.	4938.	0.	0.	4938.	1455.0	105.	5043.
32	4953.	4953.	0.	0.	4953.	1455.0	145.	5098.
33	4674.	5662.	0.	0.	5662.	1453.4	338.	6000.
34	5222.	5461.	0.	0.	5461.	1453.0	539.	6000.
35	6280.	5053.	0.	0.	5053.	1455.0	1008.	6061.
36	3093.	8197.	0.	0.	8197.	1446.0	803.	9000.
37	8326.	8326.	0.	0.	8326.	1446.0	674.	9000.
38	8391.	8391.	0.	0.	8391.	1446.0	609.	9000.
39	8247.	8247.	0.	0.	8247.	1446.0	753.	9000.
40	7711.	7711.	0.	0.	7711.	1446.0	1289.	9000.
41	14376.	8859.	0.	414.	9273.	1455.0	1275.	10548.
42	30205.	4622.	0.	25583.	30205.	1455.0	1552.	31757.
43	30868.	3907.	0.	26961.	30868.	1455.0	1589.	32457.
44	24867.	9162.	0.	15705.	24867.	1455.0	1647.	26514.
45	23326.	9171.	0.	14155.	23326.	1455.0	1474.	24800.
46	18838.	9308.	0.	9530.	18838.	1455.0	1191.	20029.
47	16043.	9451.	0.	6592.	16043.	1455.0	1014.	17057.
48	14232.	9736.	0.	4496.	14232.	1455.0	939.	15171.
49	8834.	8834.	0.	0.	8834.	1455.0	613.	9447.
50	8606.	8606.	0.	0.	8606.	1455.0	597.	9203.
51	12663.	10476.	0.	2187.	12663.	1455.0	880.	13543.
52	10027.	10027.	0.	0.	10027.	1455.0	695.	10722.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1980 1	7486.	7486.	0.	0.	7486.	1455.0	404.	7890.
2	9501.	9501.	0.	0.	9501.	1455.0	513.	10014.
3	6673.	6673.	0.	0.	6673.	1455.0	361.	7034.
4	6181.	6181.	0.	0.	6181.	1455.0	267.	6448.
5	6400.	6400.	0.	0.	6400.	1455.0	283.	6683.
6	6627.	6627.	0.	0.	6627.	1455.0	276.	6903.
7	6904.	6904.	0.	0.	6904.	1455.0	308.	7212.
8	7078.	7078.	0.	0.	7078.	1455.0	220.	7298.
9	7310.	7310.	0.	0.	7310.	1455.0	206.	7516.
10	7600.	7600.	0.	0.	7600.	1455.0	167.	7767.
11	7739.	7739.	0.	0.	7739.	1455.0	150.	7889.
12	7499.	7499.	0.	0.	7499.	1455.0	138.	7637.
13	7084.	7084.	0.	0.	7084.	1455.0	125.	7209.
14	6870.	6870.	0.	0.	6870.	1455.0	113.	6983.
15	6845.	6845.	0.	0.	6845.	1455.0	107.	6952.
16	6814.	6814.	0.	0.	6814.	1455.0	101.	6915.
17	6783.	6783.	0.	0.	6783.	1455.0	96.	6879.
18	6749.	6749.	0.	0.	6749.	1455.0	93.	6842.
19	6747.	6747.	0.	0.	6747.	1455.0	89.	6836.
20	6700.	6700.	0.	0.	6700.	1455.0	85.	6785.
21	6654.	6654.	0.	0.	6654.	1455.0	81.	6735.
22	6567.	6567.	0.	0.	6567.	1455.0	80.	6647.
23	6253.	6253.	0.	0.	6253.	1455.0	79.	6332.
24	6042.	6042.	0.	0.	6042.	1455.0	79.	6121.
25	5831.	5831.	0.	0.	5831.	1455.0	79.	5910.
26	5709.	5709.	0.	0.	5709.	1455.0	79.	5788.
27	5620.	5620.	0.	0.	5620.	1455.0	140.	5760.
28	5455.	5455.	0.	0.	5455.	1455.0	140.	5595.
29	5291.	5291.	0.	0.	5291.	1455.0	147.	5438.
30	5153.	5153.	0.	0.	5153.	1455.0	200.	5353.
31	5023.	5023.	0.	0.	5023.	1455.0	268.	5291.
32	5252.	5252.	0.	0.	5252.	1455.0	502.	5754.
33	5411.	5411.	0.	0.	5411.	1455.0	718.	6129.
34	5171.	5358.	0.	0.	5358.	1454.7	642.	6000.
35	5703.	5515.	0.	0.	5515.	1455.0	1075.	6590.
36	6146.	6146.	0.	0.	6146.	1455.0	3170.	9316.
37	5030.	6502.	0.	0.	6502.	1452.7	2498.	9000.
38	6253.	5765.	0.	0.	5765.	1453.4	3235.	9000.
39	5311.	6178.	0.	0.	6178.	1452.1	2822.	9000.
40	25979.	8917.	0.	15211.	24128.	1455.0	1842.	25970.
41	29933.	5665.	0.	24268.	29933.	1455.0	1867.	31800.
42	31585.	3852.	0.	27733.	31585.	1455.0	1972.	33557.
43	28372.	7302.	0.	21070.	28372.	1455.0	1771.	30143.
44	31440.	4184.	0.	27256.	31440.	1455.0	1574.	33014.
45	21402.	9164.	0.	12238.	21402.	1455.0	1798.	23200.
46	20230.	9313.	0.	10917.	20230.	1455.0	1699.	21929.
47	18346.	9459.	0.	8887.	18346.	1455.0	1540.	19886.
48	13413.	9732.	0.	3681.	13413.	1455.0	1044.	14457.
49	9786.	9786.	0.	0.	9786.	1455.0	784.	10570.
50	10465.	10234.	0.	231.	10465.	1455.0	839.	11304.
51	17592.	10500.	0.	7092.	17592.	1455.0	1408.	19000.
52	11492.	10647.	0.	845.	11492.	1455.0	921.	12413.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1981 1	9434.	9434.	0.	0.	9434.	1455.0	415.	9849.
2	8409.	8409.	0.	0.	8409.	1455.0	370.	8779.
3	6994.	6994.	0.	0.	6994.	1455.0	309.	7303.
4	6189.	6189.	0.	0.	6189.	1455.0	254.	6443.
5	6363.	6363.	0.	0.	6363.	1455.0	268.	6631.
6	6596.	6596.	0.	0.	6596.	1455.0	282.	6878.
7	6792.	6792.	0.	0.	6792.	1455.0	211.	7003.
8	7047.	7047.	0.	0.	7047.	1455.0	215.	7262.
9	7286.	7286.	0.	0.	7286.	1455.0	202.	7488.
10	7473.	7473.	0.	0.	7473.	1455.0	98.	7571.
11	7623.	7623.	0.	0.	7623.	1455.0	76.	7699.
12	7396.	7396.	0.	0.	7396.	1455.0	71.	7467.
13	6993.	6993.	0.	0.	6993.	1455.0	68.	7061.
14	6811.	6811.	0.	0.	6811.	1455.0	47.	6858.
15	6799.	6799.	0.	0.	6799.	1455.0	54.	6853.
16	6780.	6780.	0.	0.	6780.	1455.0	63.	6843.
17	6758.	6758.	0.	0.	6758.	1455.0	68.	6826.
18	6729.	6729.	0.	0.	6729.	1455.0	67.	6796.
19	6842.	6842.	0.	0.	6842.	1455.0	174.	7016.
20	6768.	6768.	0.	0.	6768.	1455.0	146.	6914.
21	6694.	6694.	0.	0.	6694.	1455.0	116.	6810.
22	6597.	6597.	0.	0.	6597.	1455.0	109.	6706.
23	6281.	6281.	0.	0.	6281.	1455.0	109.	6390.
24	6077.	6077.	0.	0.	6077.	1455.0	116.	6193.
25	5867.	5867.	0.	0.	5867.	1455.0	119.	5986.
26	5746.	5746.	0.	0.	5746.	1455.0	121.	5867.
27	5658.	5658.	0.	0.	5658.	1455.0	251.	5909.
28	5496.	5496.	0.	0.	5496.	1455.0	261.	5757.
29	5337.	5337.	0.	0.	5337.	1455.0	278.	5615.
30	5207.	5207.	0.	0.	5207.	1455.0	360.	5567.
31	5043.	5043.	0.	0.	5043.	1455.0	427.	5470.
32	5597.	5597.	0.	0.	5597.	1455.0	1161.	6758.
33	5522.	5522.	0.	0.	5522.	1455.0	1165.	6687.
34	5062.	5233.	0.	0.	5233.	1454.7	767.	6000.
35	5541.	5370.	0.	0.	5370.	1455.0	1059.	6429.
36	3358.	8462.	0.	0.	8462.	1446.0	538.	9000.
37	8511.	8511.	0.	0.	8511.	1446.0	489.	9000.
38	8474.	8474.	0.	0.	8474.	1446.0	526.	9000.
39	8387.	8387.	0.	0.	8387.	1446.0	613.	9000.
40	7328.	7328.	0.	0.	7328.	1446.0	1672.	9000.
41	24957.	8906.	0.	10948.	19854.	1455.0	3948.	23802.
42	36106.	0.	0.	36106.	36106.	1455.0	3860.	39966.
43	34435.	1401.	0.	33034.	34435.	1455.0	3442.	37877.
44	36067.	556.	0.	35511.	36067.	1455.0	2533.	38600.
45	34704.	1884.	0.	32820.	34704.	1455.0	1453.	36157.
46	37737.	0.	0.	37737.	37737.	1455.0	1877.	39614.
47	36610.	0.	0.	36610.	36610.	1455.0	1488.	38098.
48	29878.	6546.	0.	23332.	29878.	1455.0	1139.	31017.
49	16893.	10035.	0.	6858.	16893.	1455.0	1093.	17986.
50	13620.	10251.	0.	3369.	13620.	1455.0	880.	14500.
51	11366.	10469.	0.	897.	11366.	1455.0	734.	12100.
52	9251.	9251.	0.	0.	9251.	1455.0	598.	9849.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON	DEVIL CANYON	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	INFLOW	TURBINE DISCHARGE	CONVEYANCE	VALVE EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1982 1	6569.	6569.	0.	0.	6569.	1455.0	1072.	7641.
2	6190.	6190.	0.	0.	6190.	1455.0	1010.	7200.
3	6361.	6361.	0.	0.	6361.	1455.0	1038.	7399.
4	7376.	7376.	0.	0.	7376.	1455.0	1205.	8581.
5	6547.	6547.	0.	0.	6547.	1455.0	471.	7018.
6	6745.	6745.	0.	0.	6745.	1455.0	430.	7175.
7	6989.	6989.	0.	0.	6989.	1455.0	421.	7410.
8	7184.	7184.	0.	0.	7184.	1455.0	354.	7538.
9	7389.	7389.	0.	0.	7389.	1455.0	294.	7683.
10	7647.	7647.	0.	0.	7647.	1455.0	201.	7848.
11	7789.	7789.	0.	0.	7789.	1455.0	192.	7981.
12	7555.	7555.	0.	0.	7555.	1455.0	185.	7740.
13	7151.	7151.	0.	0.	7151.	1455.0	185.	7336.
14	6979.	6979.	0.	0.	6979.	1455.0	216.	7195.
15	6958.	6958.	0.	0.	6958.	1455.0	217.	7175.
16	6932.	6932.	0.	0.	6932.	1455.0	217.	7149.
17	6905.	6905.	0.	0.	6905.	1455.0	217.	7122.
18	6868.	6868.	0.	0.	6868.	1455.0	208.	7076.
19	6907.	6907.	0.	0.	6907.	1455.0	246.	7153.
20	6799.	6799.	0.	0.	6799.	1455.0	179.	6978.
21	6706.	6706.	0.	0.	6706.	1455.0	131.	6837.
22	6607.	6607.	0.	0.	6607.	1455.0	118.	6725.
23	6272.	6272.	0.	0.	6272.	1455.0	99.	6371.
24	6062.	6062.	0.	0.	6062.	1455.0	99.	6161.
25	5858.	5858.	0.	0.	5858.	1455.0	104.	5962.
26	5765.	5765.	0.	0.	5765.	1455.0	134.	5899.
27	5728.	5728.	0.	0.	5728.	1455.0	214.	5942.
28	5562.	5562.	0.	0.	5562.	1455.0	214.	5776.
29	5412.	5412.	0.	0.	5412.	1455.0	237.	5649.
30	5310.	5310.	0.	0.	5310.	1455.0	314.	5624.
31	5018.	5018.	0.	0.	5018.	1455.0	351.	5369.
32	5224.	5224.	0.	0.	5224.	1455.0	893.	6117.
33	5575.	5575.	0.	0.	5575.	1455.0	1655.	7230.
34	5814.	5814.	0.	0.	5814.	1455.0	2223.	8037.
35	5920.	5920.	0.	0.	5920.	1455.0	2171.	8091.
36	4837.	7507.	0.	0.	7507.	1450.7	1493.	9000.
37	5319.	7752.	0.	0.	7752.	1446.0	1248.	9000.
38	7352.	7352.	0.	0.	7352.	1446.0	1648.	9000.
39	7402.	7402.	0.	0.	7402.	1446.0	1598.	9000.
40	8210.	8210.	0.	0.	8210.	1446.0	790.	9000.
41	21229.	8891.	0.	7234.	16126.	1455.0	978.	17104.
42	23521.	8810.	0.	14711.	23521.	1455.0	993.	24514.
43	26386.	8831.	0.	17555.	26386.	1455.0	1114.	27500.
44	22303.	9153.	0.	13150.	22303.	1455.0	1354.	23657.
45	15386.	9144.	0.	6242.	15386.	1455.0	1243.	16629.
46	13388.	9287.	0.	4102.	13388.	1455.0	1083.	14471.
47	11684.	9431.	0.	2253.	11684.	1455.0	945.	12629.
48	13035.	9730.	0.	3305.	13035.	1455.0	979.	14014.
49	12548.	10015.	0.	2533.	12548.	1455.0	938.	13486.
50	15713.	10262.	0.	5451.	15713.	1455.0	1173.	16886.
51	24712.	10527.	0.	14185.	24712.	1455.0	1845.	26557.
52	13620.	10658.	0.	2962.	13620.	1455.0	1018.	14638.

TABLE 7 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1983 1	9491.	9491.	0.	0.	9491.	1455.0	938.	10429.
2	7464.	7464.	0.	0.	7464.	1455.0	737.	8201.
3	6225.	6225.	0.	0.	6225.	1455.0	600.	6825.
4	6240.	6240.	0.	0.	6240.	1455.0	352.	6592.
5	6334.	6334.	0.	0.	6334.	1455.0	211.	6545.
6	6572.	6572.	0.	0.	6572.	1455.0	196.	6768.
7	6816.	6816.	0.	0.	6816.	1455.0	185.	7001.
8	7058.	7058.	0.	0.	7058.	1455.0	174.	7232.
9	7299.	7299.	0.	0.	7299.	1455.0	165.	7464.
10	7624.	7624.	0.	0.	7624.	1455.0	159.	7783.
11	7779.	7779.	0.	0.	7779.	1455.0	158.	7937.
12	7552.	7552.	0.	0.	7552.	1455.0	158.	7710.
13	7156.	7156.	0.	0.	7156.	1455.0	169.	7325.
14	6980.	6980.	0.	0.	6980.	1455.0	202.	7182.
15	6931.	6931.	0.	0.	6931.	1455.0	175.	7106.
16	6886.	6886.	0.	0.	6886.	1455.0	155.	7041.
17	6850.	6850.	0.	0.	6850.	1455.0	146.	6996.
18	6815.	6815.	0.	0.	6815.	1455.0	144.	6959.
19	6802.	6802.	0.	0.	6802.	1455.0	131.	6933.
20	6768.	6768.	0.	0.	6768.	1455.0	141.	6909.
21	6726.	6726.	0.	0.	6726.	1455.0	144.	6870.
22	6627.	6627.	0.	0.	6627.	1455.0	136.	6763.
23	6280.	6280.	0.	0.	6280.	1455.0	104.	6384.
24	6063.	6063.	0.	0.	6063.	1455.0	98.	6161.
25	5848.	5848.	0.	0.	5848.	1455.0	95.	5943.
26	5720.	5720.	0.	0.	5720.	1455.0	87.	5807.
27	5640.	5640.	0.	0.	5640.	1455.0	159.	5799.
28	5475.	5475.	0.	0.	5475.	1455.0	163.	5638.
29	5322.	5322.	0.	0.	5322.	1455.0	190.	5512.
30	5190.	5190.	0.	0.	5190.	1455.0	256.	5446.
31	5135.	5135.	0.	0.	5135.	1455.0	490.	5625.
32	5538.	5538.	0.	0.	5538.	1455.0	1139.	6677.
33	6055.	6055.	0.	0.	6055.	1455.0	1967.	8022.
34	5823.	5823.	0.	0.	5823.	1455.0	1747.	7570.
35	6291.	6291.	0.	0.	6291.	1455.0	2147.	8438.
36	3997.	8102.	0.	0.	8102.	1448.0	898.	9000.
37	7358.	8356.	0.	0.	8356.	1446.0	644.	9000.
38	8216.	8216.	0.	0.	8216.	1446.0	784.	9000.
39	8223.	8223.	0.	0.	8223.	1446.0	777.	9000.
40	7861.	7861.	0.	0.	7861.	1446.0	1139.	9000.
41	18182.	8877.	0.	4202.	13079.	1455.0	982.	14061.
42	17423.	8791.	0.	8633.	17423.	1455.0	820.	18243.
43	18801.	8807.	0.	9995.	18801.	1455.0	885.	19686.
44	19944.	9145.	0.	10799.	19944.	1455.0	1070.	21014.
45	25388.	9178.	0.	16210.	25388.	1455.0	1198.	26586.
46	23520.	9324.	0.	14196.	23520.	1455.0	1109.	24629.
47	20778.	9468.	0.	11311.	20778.	1455.0	979.	21757.
48	25284.	9778.	0.	15506.	25284.	1455.0	1245.	26529.
49	17691.	10038.	0.	7653.	17691.	1455.0	1266.	18957.
50	10946.	10237.	0.	709.	10946.	1455.0	783.	11729.
51	9644.	9644.	0.	0.	9644.	1455.0	690.	10334.
52	11085.	10644.	0.	441.	11085.	1455.0	792.	11877.

**TABLE 8**

TABLE 8

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951 1	5053.	5745.	12175.	17920.	62517.	68262.
2	5463.	5774.	9699.	15473.	62154.	67928.
3	6293.	5290.	7113.	12403.	48027.	53317.
4	6013.	6013.	4858.	10871.	33011.	39024.
5	6214.	6214.	3804.	10018.	20313.	26527.
6	6470.	6470.	2924.	9394.	14835.	21305.
7	6721.	6721.	2635.	9356.	16185.	22906.
8	6974.	6974.	2667.	9641.	10868.	17842.
9	7219.	7219.	2700.	9919.	9795.	17014.
10	7555.	7555.	2575.	10130.	10095.	17650.
11	7713.	7713.	2361.	10074.	9855.	17568.
12	7487.	7487.	2084.	9571.	7531.	15018.
13	7083.	7083.	2025.	9108.	6997.	14080.
14	6862.	6862.	2257.	9119.	6314.	13176.
15	6842.	6842.	2142.	8984.	6131.	12973.
16	6818.	6818.	2378.	9196.	7106.	13924.
17	6793.	6793.	2442.	9235.	7314.	14107.
18	6760.	6760.	2235.	8995.	8242.	15002.
19	6766.	6766.	2192.	8958.	8365.	15131.
20	6725.	6725.	1992.	8717.	7518.	14243.
21	6685.	6685.	1943.	8628.	7644.	14329.
22	6600.	6600.	1572.	8172.	6386.	12986.
23	6280.	6280.	1374.	7654.	6233.	12513.
24	6071.	6071.	1344.	7415.	5746.	11817.
25	5862.	5862.	1354.	7216.	5425.	11287.
26	5742.	5742.	1350.	7092.	6014.	11756.
27	5665.	5665.	1387.	7052.	5311.	10976.
28	5511.	5511.	1644.	7155.	6601.	12112.
29	5376.	5376.	2414.	7790.	7045.	12421.
30	5275.	5275.	3641.	8916.	10068.	15343.
31	5209.	5209.	6027.	11236.	21293.	26502.
32	5790.	5790.	13183.	18973.	50770.	56560.
33	5825.	5825.	13525.	19350.	49716.	55541.
34	4967.	5415.	11688.	17103.	58067.	63482.
35	5760.	5312.	17653.	22965.	52520.	57832.
36	3333.	8180.	27835.	36015.	73693.	81873.
37	8151.	8408.	37017.	45425.	93698.	102106.
38	8625.	8625.	26208.	34833.	81547.	90172.
39	8471.	8471.	31687.	40158.	103314.	111785.
40	8349.	8349.	36174.	44523.	103079.	111428.
41	8236.	8236.	44050.	52286.	123791.	132027.
42	8270.	8270.	43363.	51633.	106147.	114417.
43	8328.	8328.	36828.	45156.	85598.	93926.
44	11614.	7630.	35705.	43335.	93122.	100752.
45	16216.	15096.	35430.	50526.	102631.	117727.
46	17229.	17229.	28607.	45836.	83552.	100781.
47	16860.	16860.	23655.	40515.	84317.	101177.
48	23677.	23677.	30015.	53692.	66513.	90190.
49	28254.	28254.	31211.	59465.	72300.	100554.
50	17550.	17550.	20277.	37827.	59523.	77073.
51	18128.	18128.	17382.	35510.	78335.	96463.
52	15345.	15345.	16876.	32221.	47315.	62660.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1952 1	8578.	8578.	11727.	20305.	31953.	40531.
2	5737.	5737.	8902.	14639.	30912.	36649.
3	5898.	5898.	6768.	12666.	26026.	31924.
4	6103.	6103.	6366.	12469.	18523.	24626.
5	6394.	6394.	6574.	12968.	14724.	21118.
6	6631.	6631.	5335.	11966.	12114.	18745.
7	6821.	6821.	4313.	11134.	10542.	17363.
8	7073.	7073.	3907.	10980.	12223.	19296.
9	7305.	7305.	3528.	10833.	12537.	19842.
10	7607.	7607.	3487.	11094.	8960.	16567.
11	7763.	7763.	3672.	11435.	9525.	17288.
12	7536.	7536.	3599.	11135.	9215.	16751.
13	7132.	7132.	3352.	10484.	8243.	15375.
14	6905.	6905.	2800.	9705.	6383.	13288.
15	6882.	6882.	2510.	9392.	6398.	13280.
16	6856.	6856.	2503.	9359.	6533.	13389.
17	6830.	6830.	2400.	9230.	6209.	13039.
18	6779.	6779.	2148.	8927.	5514.	12293.
19	6738.	6738.	1623.	8361.	5087.	11825.
20	6696.	6696.	1575.	8271.	5010.	11706.
21	6653.	6653.	1396.	8049.	5201.	11854.
22	6566.	6566.	1362.	7928.	5124.	11690.
23	6254.	6254.	1437.	7691.	5236.	11490.
24	6046.	6046.	1483.	7529.	5198.	11244.
25	5838.	5838.	1594.	7432.	4860.	10698.
26	5718.	5718.	1771.	7489.	4267.	9985.
27	5621.	5621.	1780.	7401.	3877.	9498.
28	5455.	5455.	1571.	7026.	3355.	8810.
29	5288.	5288.	1608.	6896.	3142.	8430.
30	5122.	5122.	2075.	7197.	4252.	9374.
31	4927.	4927.	2838.	7765.	4826.	9753.
32	4883.	4883.	3953.	8836.	12575.	17458.
33	4051.	5773.	6026.	11799.	30934.	36707.
34	4535.	5508.	9454.	14962.	44179.	49687.
35	7473.	4778.	34728.	39506.	52604.	57382.
36	5294.	7337.	41371.	48708.	69209.	76546.
37	7118.	6645.	56475.	63120.	62070.	68715.
38	7523.	6447.	50179.	56626.	67373.	73820.
39	6502.	6741.	51710.	58451.	85180.	91921.
40	3822.	7826.	47382.	55208.	86793.	94619.
41	7802.	8167.	41385.	49552.	89861.	98028.
42	18817.	13713.	48645.	62358.	93435.	107148.
43	26032.	26032.	45230.	71262.	91683.	117715.
44	34530.	34530.	54196.	88726.	88321.	122851.
45	22572.	22572.	44368.	66940.	95440.	118012.
46	17722.	17722.	36911.	54633.	91514.	109236.
47	13454.	13454.	29028.	42482.	69661.	83115.
48	15784.	15784.	28728.	44512.	52384.	68168.
49	18093.	18093.	27639.	45732.	46692.	64785.
50	12236.	12236.	22095.	34331.	44799.	57035.
51	10567.	10567.	17263.	27830.	47371.	57938.
52	12646.	12646.	27030.	39676.	63010.	75656.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1953 1	10249.	10249.	19720.	29969.	39079.	49328.
2	9557.	9557.	18255.	27812.	39597.	49154.
3	6653.	6653.	11726.	18379.	27427.	34080.
4	6325.	6325.	6913.	13238.	20052.	26377.
5	6503.	6503.	5523.	12026.	18701.	25204.
6	6699.	6699.	4541.	11240.	19963.	26662.
7	6837.	6837.	3885.	10722.	15561.	22398.
8	7135.	7135.	4175.	11310.	13058.	20193.
9	7309.	7309.	3453.	10762.	13519.	20828.
10	7602.	7602.	2514.	10116.	10163.	17765.
11	7758.	7758.	2521.	10279.	8051.	15809.
12	7532.	7532.	2595.	10127.	9916.	17448.
13	7129.	7129.	2547.	9676.	8199.	15328.
14	6883.	6883.	2265.	9148.	8488.	15371.
15	6855.	6855.	2089.	8945.	7248.	14104.
16	6831.	6831.	2011.	8842.	7557.	14388.
17	6806.	6806.	1866.	8672.	7560.	14366.
18	6765.	6765.	1731.	8496.	6675.	13440.
19	6752.	6752.	1580.	8332.	6762.	13514.
20	6710.	6710.	1578.	8288.	6643.	13353.
21	6667.	6667.	1516.	8183.	5639.	12306.
22	6582.	6582.	1450.	8032.	5296.	11878.
23	6249.	6249.	1453.	7702.	5329.	11578.
24	6040.	6040.	1392.	7432.	4514.	10554.
25	5832.	5832.	1418.	7250.	4282.	10114.
26	5712.	5712.	1426.	7138.	4570.	10282.
27	5595.	5595.	1811.	7406.	4626.	10221.
28	5430.	5430.	2057.	7487.	4857.	10287.
29	5273.	5273.	3061.	8334.	5214.	10487.
30	5122.	5122.	4843.	9965.	6931.	12053.
31	5713.	5713.	12137.	17850.	14326.	20039.
32	6050.	6050.	18739.	24789.	22424.	28474.
33	5856.	5856.	18533.	24389.	36637.	42493.
34	6650.	6650.	35432.	42082.	50299.	56949.
35	6146.	6146.	31055.	37201.	56391.	62537.
36	7059.	7059.	40562.	47621.	51419.	58478.
37	5760.	7123.	41639.	48762.	66180.	73303.
38	4677.	7472.	35611.	43083.	73408.	80880.
39	6866.	7211.	38535.	45746.	96998.	104209.
40	19114.	14611.	32286.	46897.	94671.	109282.
41	17262.	17262.	31543.	48805.	103844.	121106.
42	18775.	18775.	32042.	50817.	104446.	123221.
43	19518.	19518.	32669.	52187.	92403.	111921.
44	24005.	24005.	35953.	59958.	112808.	136813.
45	20575.	20575.	32580.	53155.	116457.	137032.
46	16487.	16487.	26125.	42612.	106610.	123097.
47	16972.	16972.	28641.	45613.	86974.	103946.
48	20191.	20191.	28963.	49154.	74717.	94908.
49	17049.	17049.	33943.	50992.	68708.	85757.
50	15531.	15531.	30408.	45939.	86311.	101842.
51	12951.	12951.	21300.	34251.	125879.	138830.
52	9867.	9867.	14783.	24650.	78449.	88316.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1954 1	7420.	7420.	9748.	17168.	37348.	44768.
2	6152.	6152.	8429.	14581.	42883.	49035.
3	6057.	6057.	6707.	12764.	49645.	55702.
4	6234.	6234.	4878.	11112.	34811.	41045.
5	6337.	6337.	2920.	9257.	20163.	26500.
6	6581.	6581.	2927.	9508.	20415.	26996.
7	6820.	6820.	3137.	9957.	17747.	24567.
8	7064.	7064.	3001.	10065.	14575.	21639.
9	7295.	7295.	2584.	9879.	10859.	18154.
10	7583.	7583.	2429.	10012.	9720.	17303.
11	7740.	7740.	2469.	10209.	10734.	18474.
12	7514.	7514.	2490.	10004.	9213.	16727.
13	7110.	7110.	2202.	9312.	7526.	14636.
14	6870.	6870.	2016.	8886.	8163.	15033.
15	6849.	6849.	1976.	8825.	7843.	14692.
16	6824.	6824.	2005.	8829.	7054.	13878.
17	6798.	6798.	1887.	8685.	6105.	12903.
18	6761.	6761.	1830.	8591.	5607.	12368.
19	6767.	6767.	1733.	8500.	5668.	12435.
20	6724.	6724.	1754.	8478.	6085.	12809.
21	6682.	6682.	1603.	8285.	5686.	12368.
22	6591.	6591.	1650.	8241.	5793.	12384.
23	6264.	6264.	1548.	7812.	6264.	12528.
24	6056.	6056.	1541.	7597.	5939.	11995.
25	5847.	5847.	1453.	7300.	5264.	11111.
26	5728.	5728.	1425.	7153.	5340.	11068.
27	5639.	5639.	1664.	7303.	5258.	10897.
28	5473.	5473.	1561.	7034.	5004.	10477.
29	5336.	5336.	2062.	7398.	5967.	11303.
30	5175.	5175.	2051.	7226.	6432.	11607.
31	5523.	5523.	5601.	11124.	27738.	33261.
32	6140.	6140.	7234.	13374.	33285.	39425.
33	6923.	6923.	16853.	23776.	41816.	48739.
34	7176.	7176.	16715.	23891.	44121.	51297.
35	6984.	6984.	20102.	27086.	42515.	49499.
36	5937.	6988.	25479.	32467.	53196.	60184.
37	5597.	7068.	32374.	39442.	54159.	61227.
38	5294.	7146.	35967.	43113.	61676.	68822.
39	6203.	6748.	38167.	44915.	84524.	91272.
40	5943.	6127.	36028.	42155.	82344.	88471.
41	6708.	6708.	36304.	43012.	83826.	90534.
42	12193.	7090.	33787.	40877.	74969.	82059.
43	16771.	16771.	33951.	50722.	68062.	84833.
44	29010.	29010.	48516.	77526.	73656.	102666.
45	23623.	23623.	42781.	66404.	83599.	107222.
46	23623.	23623.	43517.	67140.	79453.	103076.
47	23623.	23623.	38591.	62214.	75315.	98938.
48	22350.	22350.	32183.	54533.	56736.	79086.
49	14288.	14288.	22175.	36463.	39787.	54075.
50	12282.	12282.	21460.	33742.	42054.	54336.
51	11456.	11456.	20434.	31890.	60674.	72130.
52	7355.	7355.	16108.	23463.	36133.	43488.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1955 1	5953.	5953.	8462.	14415.	24523.	30476.
2	5985.	5985.	7778.	13763.	30249.	36234.
3	6094.	6094.	7289.	13383.	24138.	30232.
4	6358.	6358.	6627.	12985.	22866.	29224.
5	6458.	6458.	6145.	12603.	19329.	25787.
6	6652.	6652.	4854.	11506.	15943.	22595.
7	6891.	6891.	4023.	10914.	10676.	17567.
8	7116.	7116.	3802.	10918.	8988.	16104.
9	7352.	7352.	3378.	10730.	10433.	17785.
10	7652.	7652.	2874.	10526.	7140.	14792.
11	7805.	7805.	2878.	10683.	7056.	14861.
12	7556.	7556.	2832.	10388.	8224.	15780.
13	7152.	7152.	2702.	9854.	6996.	14148.
14	6944.	6944.	2850.	9794.	7481.	14425.
15	6924.	6924.	2638.	9562.	6519.	13443.
16	6875.	6875.	2256.	9131.	6095.	12970.
17	6840.	6840.	2205.	9045.	6138.	12978.
18	6804.	6804.	1868.	8672.	6254.	13058.
19	6809.	6809.	1681.	8490.	6321.	13130.
20	6765.	6765.	1567.	8332.	5774.	12539.
21	6722.	6722.	1530.	8252.	5596.	12318.
22	6622.	6622.	1447.	8069.	5596.	12218.
23	6271.	6271.	1375.	7646.	5730.	12001.
24	6062.	6062.	1505.	7567.	5263.	11325.
25	5853.	5853.	1487.	7340.	4457.	10310.
26	5733.	5733.	1693.	7426.	5062.	10795.
27	5650.	5650.	2058.	7708.	5393.	11043.
28	5484.	5484.	1994.	7478.	5201.	10685.
29	5316.	5316.	2026.	7342.	5112.	10428.
30	5151.	5151.	2099.	7250.	6561.	11712.
31	5161.	5161.	3841.	9002.	12190.	17351.
32	5195.	5195.	5983.	11178.	22869.	28064.
33	4858.	5592.	6702.	12294.	50359.	55951.
34	6504.	5769.	14282.	20051.	60856.	66625.
35	6252.	6252.	15488.	21740.	69216.	75468.
36	3729.	7794.	23569.	31363.	88460.	96254.
37	5994.	7032.	36681.	43713.	75258.	82290.
38	6865.	6865.	38159.	45024.	83668.	90533.
39	7002.	7002.	43396.	50398.	98754.	105756.
40	7608.	7608.	46414.	54022.	116696.	124304.
41	24768.	19664.	52017.	71681.	135958.	155622.
42	21145.	21145.	49992.	71137.	137176.	158321.
43	25282.	25282.	43304.	68586.	128999.	154281.
44	22103.	22103.	38951.	61054.	103293.	125396.
45	20433.	20433.	37150.	57583.	110103.	130536.
46	20965.	20965.	32654.	53619.	113139.	134104.
47	25488.	25488.	27216.	52704.	82232.	107720.
48	34184.	34184.	28356.	62540.	47860.	82044.
49	20616.	20616.	26701.	47317.	57015.	77631.
50	14219.	14219.	29830.	44049.	69023.	83242.
51	11555.	11555.	22986.	34541.	69317.	80872.
52	9100.	9100.	22001.	31101.	70424.	79524.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1956 1	6868.	6868.	13800.	20668.	41203.	48071.
2	5660.	5728.	10675.	16403.	48245.	53973.
3	5924.	5856.	7711.	13567.	48840.	54696.
4	6122.	6122.	5874.	11996.	37549.	43671.
5	6276.	6276.	3862.	10138.	22111.	28387.
6	6511.	6511.	2903.	9414.	16444.	22955.
7	6756.	6756.	3155.	9911.	13535.	20291.
8	6999.	6999.	3191.	10190.	12499.	19498.
9	7238.	7238.	3016.	10254.	10940.	18178.
10	7569.	7569.	2432.	10001.	8605.	16174.
11	7726.	7726.	2451.	10177.	9621.	17347.
12	7500.	7500.	2498.	9998.	8420.	15920.
13	7096.	7096.	2710.	9806.	9357.	16453.
14	6857.	6857.	2336.	9193.	8480.	15337.
15	6834.	6834.	2124.	8958.	8165.	14999.
16	6810.	6810.	1931.	8741.	7098.	13908.
17	6785.	6785.	1870.	8655.	7198.	13983.
18	6757.	6757.	1791.	8548.	7422.	14179.
19	6779.	6779.	1680.	8459.	7057.	13836.
20	6737.	6737.	1844.	8581.	6760.	13497.
21	6696.	6696.	1658.	8354.	6409.	13105.
22	6610.	6610.	1726.	8336.	6277.	12887.
23	6310.	6310.	1720.	8030.	5387.	11697.
24	6102.	6102.	1738.	7840.	5337.	11439.
25	5892.	5892.	1691.	7583.	4464.	10356.
26	5772.	5772.	1681.	7453.	4598.	10370.
27	5671.	5671.	1679.	7350.	5163.	10834.
28	5505.	5505.	1635.	7140.	4492.	9997.
29	5338.	5338.	1740.	7078.	4712.	10050.
30	5172.	5172.	1566.	6738.	5867.	11039.
31	5080.	5080.	3046.	8126.	10207.	15287.
32	5812.	5812.	10652.	16464.	36374.	42186.
33	6184.	6184.	13233.	19417.	39736.	45920.
34	7578.	7578.	23615.	31193.	42313.	49891.
35	6557.	6557.	26836.	33393.	73976.	80533.
36	6400.	6717.	39172.	45889.	119423.	126140.
37	7243.	6926.	52672.	59598.	125337.	132263.
38	5844.	6819.	43985.	50804.	115462.	122281.
39	7376.	7077.	41853.	48930.	111854.	118931.
40	27406.	26730.	37032.	63762.	101962.	128692.
41	29885.	29885.	42406.	72291.	111465.	141350.
42	30181.	30181.	45944.	76125.	109183.	139364.
43	29454.	29454.	45115.	74569.	93454.	122908.
44	29030.	29030.	41683.	70713.	97378.	126408.
45	26510.	26510.	35585.	62095.	97244.	123754.
46	23956.	23956.	29806.	53762.	89972.	113928.
47	19099.	19099.	25162.	44261.	59787.	78886.
48	16306.	16306.	21325.	37631.	45725.	62031.
49	14339.	14339.	23409.	37748.	32976.	47315.
50	20101.	20101.	26984.	47085.	37118.	57219.
51	19588.	19588.	32131.	51719.	58999.	78587.
52	12547.	12547.	22311.	34858.	37994.	50541.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1957 1	6577.	6577.	10685.	17262.	25270.	31847.
2	6577.	6577.	8860.	15437.	20067.	26644.
3	6108.	6108.	5915.	12023.	17058.	23166.
4	6334.	6334.	5217.	11551.	17569.	23903.
5	6463.	6463.	5083.	11546.	16389.	22852.
6	6668.	6668.	4241.	10909.	18271.	24939.
7	6910.	6910.	3703.	10613.	15996.	22906.
8	7148.	7148.	3396.	10544.	10510.	17658.
9	7377.	7377.	3215.	10592.	9133.	16510.
10	7631.	7631.	2660.	10291.	5868.	13499.
11	7780.	7780.	2818.	10598.	5157.	12937.
12	7525.	7525.	2886.	10411.	4991.	12516.
13	7121.	7121.	2988.	10109.	5251.	12372.
14	6899.	6899.	2625.	9524.	5446.	12345.
15	6875.	6875.	2790.	9665.	5674.	12549.
16	6850.	6850.	2712.	9562.	5756.	12606.
17	6824.	6824.	2706.	9530.	5693.	12517.
18	6787.	6787.	2467.	9254.	5713.	12500.
19	6791.	6791.	2182.	8973.	6153.	12944.
20	6748.	6748.	1955.	8703.	5387.	12135.
21	6704.	6704.	1957.	8661.	6123.	12827.
22	6607.	6607.	2003.	8610.	5023.	11630.
23	6285.	6285.	2011.	8296.	4791.	11076.
24	6075.	6075.	2001.	8076.	4770.	10845.
25	5866.	5866.	1999.	7865.	4542.	10408.
26	5746.	5746.	2005.	7751.	4615.	10361.
27	5645.	5645.	2020.	7665.	4231.	9876.
28	5479.	5479.	1869.	7348.	3850.	9329.
29	5312.	5312.	2039.	7351.	4621.	9933.
30	5147.	5147.	2144.	7291.	6605.	11752.
31	5118.	5118.	4287.	9405.	11095.	16213.
32	5264.	5264.	7784.	13048.	25132.	30396.
33	5525.	5525.	9352.	14877.	47723.	53248.
34	6495.	6495.	17621.	24116.	53035.	59530.
35	7273.	7273.	32918.	40191.	81114.	88387.
36	5970.	7046.	37504.	44550.	106790.	113836.
37	5204.	7273.	39866.	47139.	97550.	104823.
38	5510.	7468.	42566.	50034.	107938.	115406.
39	7952.	7952.	36005.	43957.	93278.	101230.
40	13931.	8828.	38846.	47674.	81399.	90227.
41	20209.	20209.	41142.	61351.	88287.	108496.
42	22658.	22658.	41939.	64597.	86253.	108911.
43	24581.	24581.	39419.	64000.	76316.	100897.
44	19770.	19770.	36425.	56195.	87450.	107220.
45	19771.	19771.	35917.	55688.	95263.	115034.
46	19663.	19663.	42034.	61697.	105892.	125555.
47	18031.	18031.	35374.	53405.	80910.	98941.
48	19953.	19953.	25646.	45599.	62647.	82600.
49	17237.	17237.	18102.	35339.	48832.	66069.
50	18813.	18813.	18587.	37400.	53777.	72590.
51	18292.	18292.	16116.	34408.	47196.	65488.
52	17567.	17567.	17015.	34582.	40924.	58491.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1958 1	9403.	9403.	11698.	21101.	25051.	34454.
2	8067.	8067.	8985.	17052.	26508.	34575.
3	6579.	6579.	7006.	13585.	17645.	24224.
4	6784.	6784.	7092.	13876.	18661.	25445.
5	6607.	6607.	5908.	12515.	24232.	30839.
6	6780.	6780.	6314.	13094.	25315.	32095.
7	6972.	6972.	5054.	12026.	19239.	26211.
8	7164.	7164.	4301.	11465.	12154.	19318.
9	7444.	7444.	4447.	11891.	14536.	21980.
10	7926.	7926.	4279.	12205.	10585.	18511.
11	8008.	8008.	3812.	11820.	7106.	15114.
12	7676.	7676.	3362.	11038.	5902.	13578.
13	7216.	7216.	3020.	10236.	6638.	13854.
14	6973.	6973.	2702.	9675.	7250.	14223.
15	6925.	6925.	2491.	9416.	7149.	14074.
16	6875.	6875.	2158.	9033.	6595.	13470.
17	6841.	6841.	2128.	8969.	6368.	13209.
18	6784.	6784.	2032.	8816.	6181.	12965.
19	6759.	6759.	1912.	8671.	5684.	12443.
20	6706.	6706.	1831.	8537.	5248.	11954.
21	6656.	6656.	1961.	8617.	5597.	12253.
22	6570.	6570.	2131.	8701.	5658.	12228.
23	6236.	6236.	2248.	8484.	5439.	11675.
24	6023.	6023.	2360.	8383.	6023.	12046.
25	5809.	5809.	2199.	8008.	4613.	10422.
26	5688.	5688.	2044.	7732.	4040.	9728.
27	5612.	5612.	2264.	7876.	4589.	10201.
28	5455.	5455.	2257.	7712.	4636.	10091.
29	5293.	5293.	3049.	8342.	5142.	10435.
30	5144.	5144.	4089.	9233.	5331.	10475.
31	5097.	5097.	8501.	13598.	7111.	12208.
32	5326.	5326.	24395.	29721.	11586.	16912.
33	5498.	5498.	35595.	41093.	31940.	37438.
34	6184.	6184.	44820.	51004.	45057.	51241.
35	6207.	6207.	38649.	44856.	43651.	49858.
36	3775.	8116.	35627.	43743.	48283.	56399.
37	7353.	8116.	45627.	53743.	51192.	59308.
38	8238.	8238.	36605.	44843.	60691.	68929.
39	8304.	8304.	38760.	47064.	77754.	86058.
40	7248.	7248.	36916.	44164.	82537.	89785.
41	16327.	11224.	33846.	45070.	83403.	94627.
42	20248.	20248.	37171.	57419.	74625.	94873.
43	19851.	19851.	41885.	61736.	70300.	90151.
44	35626.	35626.	57408.	93034.	83736.	119362.
45	28198.	28198.	51516.	79714.	84576.	112774.
46	20048.	20048.	54239.	74287.	85371.	105419.
47	16251.	16251.	36755.	53006.	66351.	82602.
48	11239.	11239.	28356.	39595.	53761.	65000.
49	7737.	7737.	19730.	27467.	37097.	44834.
50	7737.	7737.	24121.	31858.	37502.	45239.
51	6008.	6008.	19489.	25497.	37498.	43506.
52	6007.	6007.	19757.	25764.	32808.	38815.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1959 1	5616.	5616.	14531.	20147.	24784.	30400.
2	5816.	5816.	12121.	17937.	23595.	29411.
3	6059.	6059.	9588.	15647.	24004.	30063.
4	6192.	6192.	6556.	12748.	23980.	30172.
5	6339.	6339.	4940.	11279.	17489.	23828.
6	6567.	6567.	4651.	11218.	16057.	22624.
7	6796.	6796.	3972.	10768.	11320.	18116.
8	7016.	7016.	3062.	10078.	7950.	14966.
9	7252.	7252.	2781.	10033.	8596.	15848.
10	7578.	7578.	2174.	9752.	6338.	13916.
11	7746.	7746.	1987.	9733.	6206.	13952.
12	7583.	7583.	2521.	10104.	6263.	13846.
13	7178.	7178.	2444.	9622.	6914.	14092.
14	6932.	6932.	2336.	9268.	5836.	12768.
15	6906.	6906.	2344.	9250.	6061.	12967.
16	6876.	6876.	2169.	9045.	6082.	12958.
17	6848.	6848.	2222.	9070.	6293.	13141.
18	6817.	6817.	2182.	8999.	6119.	12936.
19	6833.	6833.	2077.	8910.	5865.	12698.
20	6785.	6785.	1768.	8553.	5303.	12088.
21	6729.	6729.	1738.	8467.	4873.	11602.
22	6634.	6634.	1696.	8330.	4179.	10813.
23	6313.	6313.	1611.	7924.	4229.	10542.
24	6105.	6105.	1680.	7785.	4294.	10399.
25	5896.	5896.	1827.	7723.	4583.	10479.
26	5776.	5776.	1877.	7653.	4558.	10334.
27	5683.	5683.	1967.	7650.	4809.	10492.
28	5517.	5517.	2077.	7594.	4605.	10122.
29	5386.	5386.	2702.	8088.	5040.	10426.
30	5226.	5226.	3646.	8872.	6371.	11597.
31	5203.	5203.	5002.	10205.	8368.	13571.
32	5347.	5347.	9225.	14572.	19700.	25047.
33	7155.	7155.	26196.	33351.	45346.	52501.
34	8108.	8108.	25436.	33544.	56017.	64125.
35	7394.	7394.	24946.	32340.	57615.	65009.
36	5799.	6831.	26435.	33266.	78289.	85120.
37	4373.	7379.	21815.	29194.	63821.	71200.
38	6003.	7068.	29921.	36989.	79456.	86524.
39	6840.	6840.	40120.	46960.	101843.	108683.
40	7245.	7245.	35979.	43224.	95066.	102311.
41	7316.	7316.	36255.	43571.	100213.	107529.
42	15404.	10300.	39854.	50154.	103701.	114001.
43	20245.	20245.	36198.	56443.	84014.	104259.
44	21943.	21943.	37105.	59048.	79136.	101079.
45	17188.	17188.	34046.	51234.	83159.	100347.
46	22064.	22064.	42749.	64813.	55775.	77839.
47	38000.	38000.	70243.	108243.	57296.	95296.
48	38000.	38000.	47873.	85873.	46387.	84387.
49	30354.	30354.	31387.	61741.	32887.	63241.
50	13349.	13349.	21111.	34460.	24989.	38338.
51	10026.	10026.	13966.	23992.	25613.	35639.
52	9459.	9459.	10688.	20147.	15424.	24883.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1960 1	10007.	10007.	13224.	23231.	19023.	29030.
2	6913.	6913.	9948.	16861.	23079.	29992.
3	5934.	5934.	6155.	12089.	19023.	24957.
4	6274.	6274.	6554.	12828.	15674.	21948.
5	6402.	6402.	5410.	11812.	14813.	21215.
6	6620.	6620.	4375.	10995.	17118.	23738.
7	6862.	6862.	4025.	10887.	11204.	18066.
8	7102.	7102.	3709.	10811.	9214.	16316.
9	7337.	7337.	3671.	11008.	10180.	17517.
10	7650.	7650.	3046.	10696.	6560.	14210.
11	7805.	7805.	3043.	10848.	7895.	15700.
12	7578.	7578.	2889.	10468.	7134.	14713.
13	7174.	7174.	2852.	10026.	6990.	14164.
14	6954.	6954.	2335.	9289.	7509.	14463.
15	6931.	6931.	2573.	9504.	6871.	13802.
16	6886.	6886.	2384.	9270.	6481.	13367.
17	6853.	6853.	2260.	9113.	6439.	13292.
18	6813.	6813.	2124.	8937.	6567.	13380.
19	6791.	6791.	2005.	8796.	6539.	13330.
20	6746.	6746.	1926.	8672.	6752.	13498.
21	6697.	6697.	1733.	8430.	7337.	14034.
22	6608.	6608.	1700.	8308.	7771.	14379.
23	6283.	6283.	1721.	8004.	7789.	14072.
24	6069.	6069.	1619.	7688.	6813.	12882.
25	5850.	5850.	1528.	7378.	6615.	12465.
26	5730.	5730.	1531.	7261.	6875.	12605.
27	5624.	5624.	1703.	7327.	6483.	12107.
28	5458.	5458.	1700.	7158.	5949.	11407.
29	5306.	5306.	1998.	7304.	6991.	12297.
30	5145.	5145.	2088.	7233.	8841.	13986.
31	5167.	5167.	4489.	9656.	27919.	33086.
32	5220.	5220.	9290.	14510.	60480.	65700.
33	5284.	5931.	15898.	21829.	67503.	73434.
34	6137.	5893.	29236.	35129.	60894.	66787.
35	6208.	5804.	34787.	40591.	71052.	76856.
36	2931.	7771.	21971.	29742.	83513.	91284.
37	7461.	7724.	23970.	31694.	73131.	80855.
38	7679.	7679.	27610.	35289.	86823.	94502.
39	7548.	7548.	31277.	38825.	100151.	107699.
40	8227.	8227.	35003.	43230.	104947.	113174.
41	8426.	8426.	29448.	37874.	102756.	111182.
42	8341.	8341.	31267.	39608.	105033.	113374.
43	8097.	8097.	41139.	49236.	144889.	152986.
44	24882.	19778.	47422.	67200.	168946.	188724.
45	23404.	23404.	45457.	68861.	153315.	176719.
46	20681.	20681.	37971.	58652.	168334.	189015.
47	19984.	19984.	30633.	50617.	114610.	134594.
48	19226.	19226.	24281.	43507.	83277.	102503.
49	16823.	16823.	15596.	32419.	55603.	72426.
50	26586.	26586.	29950.	56536.	71389.	97975.
51	18844.	18844.	23714.	42558.	70548.	89392.
52	14112.	14112.	21081.	35193.	92789.	106901.

TABLE B (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1961 1	11591.	11591.	15686.	27277.	40114.	51705.
2	8418.	8418.	10961.	19379.	29307.	37725.
3	6138.	6138.	8366.	14504.	24774.	30912.
4	6262.	6262.	6193.	12455.	18165.	24427.
5	6408.	6408.	4454.	10862.	9405.	15813.
6	6639.	6639.	4213.	10852.	12556.	19195.
7	6872.	6872.	3976.	10848.	10699.	17571.
8	7099.	7099.	3362.	10461.	10374.	17473.
9	7349.	7349.	3359.	10708.	10998.	18347.
10	7737.	7737.	3543.	11280.	9078.	16815.
11	7886.	7886.	3434.	11320.	8566.	16452.
12	7626.	7626.	3119.	10745.	7210.	14836.
13	7221.	7221.	3212.	10433.	7009.	14230.
14	7011.	7011.	2913.	9924.	7646.	14657.
15	6987.	6987.	2683.	9670.	6210.	13197.
16	6967.	6967.	2756.	9723.	6459.	13426.
17	6943.	6943.	2778.	9721.	6522.	13465.
18	6879.	6879.	2492.	9371.	6888.	13767.
19	6826.	6826.	2121.	8947.	7478.	14304.
20	6779.	6779.	2080.	8859.	8013.	14792.
21	6729.	6729.	2076.	8805.	8384.	15113.
22	6638.	6638.	2023.	8661.	7783.	14421.
23	6319.	6319.	1825.	8144.	6903.	13222.
24	6124.	6124.	1901.	8025.	6262.	12386.
25	5951.	5951.	2110.	8061.	6294.	12245.
26	5829.	5829.	2009.	7838.	5947.	11776.
27	5755.	5755.	2727.	8482.	6910.	12665.
28	5588.	5588.	2859.	8447.	6150.	11738.
29	5439.	5439.	3050.	8489.	6466.	11905.
30	5276.	5276.	3336.	8612.	7993.	13269.
31	5334.	5334.	4943.	10277.	21593.	26927.
32	5670.	5670.	11849.	17519.	52716.	58386.
33	6292.	6292.	18770.	25062.	63135.	69427.
34	6137.	6137.	18536.	24673.	60707.	66844.
35	6015.	6015.	20159.	26174.	63497.	69512.
36	4691.	7354.	21000.	28354.	79940.	87294.
37	7203.	6312.	35619.	41931.	87432.	93744.
38	8131.	6360.	40856.	47216.	86766.	93126.
39	20363.	20363.	38788.	59151.	98870.	119233.
40	21299.	21299.	36583.	57882.	91708.	113007.
41	22357.	22357.	34338.	56695.	100412.	122769.
42	23150.	23150.	38298.	61448.	107243.	130393.
43	23984.	23984.	45599.	69583.	104495.	128479.
44	24592.	24592.	42092.	66684.	98049.	122641.
45	25061.	25061.	45563.	70624.	112108.	137169.
46	21399.	21399.	32053.	53452.	97161.	118560.
47	20310.	20310.	38823.	59133.	91289.	111599.
48	15053.	15053.	24868.	39921.	67070.	82123.
49	11262.	11262.	22230.	33492.	53560.	64822.
50	12778.	12778.	29570.	42348.	77685.	90463.
51	12169.	12169.	20936.	33105.	65594.	77763.
52	12256.	12256.	19141.	31397.	67092.	79348.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1962 1	9801.	9801.	16186.	25987.	54917.	64718.
2	5728.	5728.	8756.	14484.	36552.	42280.
3	5991.	5991.	7880.	13871.	27535.	33526.
4	6255.	6255.	7048.	13303.	29493.	35748.
5	6330.	6330.	5690.	12020.	21502.	27832.
6	6538.	6538.	4894.	11432.	19527.	26065.
7	6791.	6791.	4354.	11145.	16182.	22973.
8	7045.	7045.	3853.	10898.	13824.	20869.
9	7281.	7281.	3553.	10834.	14307.	21588.
10	7587.	7587.	2909.	10496.	10256.	17843.
11	7742.	7742.	2876.	10618.	8574.	16316.
12	7515.	7515.	2857.	10372.	7097.	14612.
13	7111.	7111.	2850.	9961.	7377.	14488.
14	6889.	6889.	2456.	9345.	7374.	14263.
15	6866.	6866.	2340.	9206.	6590.	13456.
16	6840.	6840.	2344.	9184.	6772.	13612.
17	6814.	6814.	2357.	9171.	6669.	13483.
18	6774.	6774.	2124.	8898.	6659.	13433.
19	6766.	6766.	1900.	8666.	7045.	13811.
20	6723.	6723.	1831.	8554.	6976.	13699.
21	6679.	6679.	1835.	8514.	6347.	13026.
22	6590.	6590.	1725.	8315.	6052.	12642.
23	6271.	6271.	1676.	7947.	5693.	11964.
24	6061.	6061.	1623.	7684.	5556.	11617.
25	5851.	5851.	1582.	7433.	5403.	11254.
26	5731.	5731.	1602.	7333.	6200.	11931.
27	5650.	5650.	1807.	7457.	5982.	11632.
28	5484.	5484.	1864.	7348.	6381.	11865.
29	5315.	5315.	2336.	7651.	7837.	13152.
30	5149.	5149.	2462.	7611.	8483.	13632.
31	4943.	4943.	4144.	9087.	17149.	22092.
32	4892.	4892.	5055.	9947.	16770.	21662.
33	5048.	5111.	10673.	15784.	41563.	46674.
34	5220.	5157.	20123.	25280.	52819.	57976.
35	5478.	5478.	30226.	35704.	58241.	63719.
36	5131.	7590.	25722.	33312.	66920.	74510.
37	9034.	6574.	44897.	51471.	71565.	78139.
38	26503.	26503.	45008.	71511.	77956.	104459.
39	33902.	33902.	41186.	75088.	97517.	131419.
40	26163.	26163.	38636.	64799.	111427.	137590.
41	25543.	25543.	39193.	64736.	126744.	152287.
42	22258.	22258.	40427.	62685.	139705.	161963.
43	26163.	26163.	46715.	72878.	154515.	180678.
44	24614.	24614.	48356.	72970.	131800.	156414.
45	21799.	21799.	33835.	55634.	96311.	118110.
46	21799.	21799.	29565.	51364.	94962.	116761.
47	21799.	21799.	27462.	49261.	85803.	107602.
48	22209.	22209.	34498.	56707.	84816.	107025.
49	22008.	22008.	31463.	53471.	59617.	81625.
50	13899.	13899.	17063.	30962.	52124.	66023.
51	11257.	11257.	12745.	24002.	47831.	59088.
52	11332.	11332.	13701.	25033.	39542.	50874.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1963 1	8737.	8737.	9805.	18542.	22441.	31178.
2	6653.	6653.	6971.	13624.	17695.	24348.
3	6011.	6011.	5497.	11508.	16720.	22731.
4	6236.	6236.	4525.	10761.	17984.	24220.
5	6261.	6261.	3511.	9772.	10997.	17258.
6	6482.	6482.	3193.	9675.	12243.	18725.
7	6734.	6734.	2986.	9720.	7545.	14279.
8	6988.	6988.	2770.	9758.	6248.	13236.
9	7225.	7225.	2876.	10101.	6365.	13590.
10	7561.	7561.	2863.	10424.	6851.	14412.
11	7717.	7717.	2777.	10494.	7606.	15323.
12	7490.	7490.	2949.	10439.	8036.	15526.
13	7086.	7086.	2772.	9858.	7989.	15075.
14	6882.	6882.	2641.	9523.	7625.	14507.
15	6858.	6858.	2528.	9386.	6935.	13793.
16	6832.	6832.	2480.	9312.	6772.	13604.
17	6807.	6807.	2426.	9233.	6506.	13313.
18	6773.	6773.	2162.	8935.	5886.	12659.
19	6791.	6791.	1982.	8773.	5842.	12633.
20	6747.	6747.	1969.	8716.	5762.	12509.
21	6703.	6703.	1949.	8652.	5325.	12028.
22	6595.	6595.	1767.	8362.	5688.	12283.
23	6224.	6224.	1425.	7649.	5469.	11693.
24	6014.	6014.	1386.	7400.	5468.	11482.
25	5805.	5805.	1239.	7044.	5220.	11025.
26	5685.	5685.	1303.	6988.	5022.	10707.
27	5574.	5574.	1309.	6883.	5106.	10680.
28	5409.	5409.	1313.	6722.	4467.	9876.
29	5243.	5243.	1363.	6605.	4323.	9566.
30	5078.	5078.	1337.	6415.	4946.	10024.
31	4997.	4997.	2702.	7699.	5654.	10651.
32	4988.	4988.	3328.	8316.	17263.	22251.
33	6016.	6016.	15823.	21839.	49613.	55629.
34	6760.	6760.	26322.	33082.	49753.	56513.
35	7002.	7002.	39808.	46810.	70209.	77211.
36	6116.	6383.	28338.	34721.	85708.	92091.
37	5980.	6383.	26937.	33320.	62599.	68982.
38	5847.	6383.	28326.	34709.	82829.	89212.
39	5677.	6383.	35259.	41642.	92720.	99103.
40	27744.	25832.	45054.	70886.	100214.	126046.
41	35660.	35660.	56750.	92410.	121932.	157592.
42	35399.	35399.	58149.	93548.	146562.	181961.
43	31951.	31951.	41518.	73469.	98959.	130910.
44	26872.	26872.	32549.	59421.	88545.	115417.
45	24729.	24729.	26798.	51527.	80142.	104871.
46	21455.	21455.	27971.	49426.	82663.	104118.
47	22691.	22691.	29457.	52148.	83982.	106673.
48	19122.	19122.	25837.	44959.	65349.	84471.
49	14318.	14318.	19864.	34182.	59967.	74285.
50	12804.	12804.	17078.	29882.	58225.	71029.
51	10239.	10239.	13398.	23637.	54852.	65091.
52	9083.	9083.	16645.	25728.	45913.	54996.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1964 1	8327.	8327.	14296.	22623.	37135.	45462.
2	7011.	7011.	12728.	19739.	28494.	35505.
3	6050.	6050.	10373.	16423.	24206.	30256.
4	6210.	6210.	6571.	12781.	16237.	22447.
5	6335.	6335.	5297.	11632.	13426.	19761.
6	6571.	6571.	4543.	11114.	11600.	18171.
7	6802.	6802.	3653.	10455.	9761.	16563.
8	7030.	7030.	2595.	9625.	6061.	13091.
9	7270.	7270.	2467.	9737.	5769.	13039.
10	7587.	7587.	1949.	9536.	4950.	12537.
11	7740.	7740.	1926.	9666.	4959.	12699.
12	7489.	7489.	1826.	9315.	5093.	12582.
13	7086.	7086.	1826.	8912.	5951.	13037.
14	6862.	6862.	1889.	8751.	6732.	13594.
15	6841.	6841.	1905.	8746.	7164.	14005.
16	6812.	6812.	1740.	8552.	7227.	14039.
17	6785.	6785.	1654.	8439.	7383.	14168.
18	6755.	6755.	1562.	8317.	6457.	13212.
19	6760.	6760.	1477.	8237.	6073.	12833.
20	6716.	6716.	1465.	8181.	6122.	12838.
21	6671.	6671.	1435.	8106.	5795.	12466.
22	6581.	6581.	1377.	7958.	5549.	12130.
23	6263.	6263.	1301.	7564.	5003.	11266.
24	6054.	6054.	1311.	7365.	4488.	10542.
25	5840.	5840.	1293.	7133.	4588.	10428.
26	5721.	5721.	1297.	7018.	4318.	10039.
27	5639.	5639.	1447.	7086.	4438.	10077.
28	5473.	5473.	1700.	7173.	4406.	9879.
29	5310.	5310.	1837.	7147.	4397.	9707.
30	5145.	5145.	2000.	7145.	5359.	10504.
31	4887.	4887.	2545.	7432.	5644.	10531.
32	4823.	4823.	3334.	8157.	14130.	18953.
33	4212.	5409.	4456.	9865.	29321.	34730.
34	4892.	4691.	8976.	13667.	42761.	47452.
35	6264.	5268.	42925.	48193.	48349.	53617.
36	8617.	8617.	84908.	93525.	63454.	72071.
37	6048.	8624.	70167.	78791.	62001.	70625.
38	9997.	8687.	65849.	74536.	87757.	96444.
39	30872.	29606.	59688.	89294.	105988.	135594.
40	24270.	24270.	39715.	63985.	84155.	108425.
41	25009.	25009.	44999.	70008.	103773.	128782.
42	23601.	23601.	44884.	68485.	103585.	127186.
43	16194.	16194.	33614.	49808.	92234.	108428.
44	18729.	18729.	38975.	57704.	93911.	112640.
45	17736.	17736.	30464.	48200.	90148.	107884.
46	14300.	14300.	30436.	44736.	85318.	99618.
47	15247.	15247.	31729.	46976.	87393.	102640.
48	12880.	12880.	22560.	35440.	58762.	71642.
49	10489.	10489.	18080.	28569.	37547.	48036.
50	8548.	8548.	13714.	22262.	31152.	39700.
51	8595.	8595.	12851.	21446.	29630.	38225.
52	7361.	7361.	14807.	22168.	28707.	36068.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1965 1	7044.	7044.	10866.	17910.	20894.	27938.
2	7883.	7883.	15027.	22910.	31330.	39213.
3	6120.	6120.	8130.	14250.	23396.	29516.
4	6282.	6282.	6769.	13051.	21264.	27546.
5	6304.	6304.	5425.	11729.	13802.	20106.
6	6540.	6540.	5094.	11634.	12768.	19308.
7	6791.	6791.	4951.	11742.	9437.	16228.
8	7061.	7061.	4873.	11934.	8906.	15967.
9	7247.	7247.	4427.	11674.	10364.	17611.
10	7517.	7517.	3454.	10971.	8260.	15777.
11	7669.	7669.	3438.	11107.	8225.	15894.
12	7439.	7439.	3426.	10865.	7834.	15273.
13	7036.	7036.	3426.	10462.	7594.	14630.
14	6822.	6822.	2599.	9421.	7026.	13848.
15	6802.	6802.	2463.	9265.	6781.	13583.
16	6777.	6777.	2463.	9240.	6701.	13478.
17	6753.	6753.	2463.	9216.	6044.	12797.
18	6721.	6721.	2333.	9054.	5468.	12189.
19	6723.	6723.	2158.	8881.	5887.	12610.
20	6680.	6680.	2158.	8838.	5884.	12564.
21	6638.	6638.	2158.	8796.	5648.	12286.
22	6553.	6553.	2075.	8628.	5231.	11784.
23	6243.	6243.	1963.	8206.	5147.	11390.
24	6036.	6036.	1963.	7999.	5091.	11127.
25	5826.	5826.	1963.	7789.	5270.	11096.
26	5707.	5707.	1963.	7670.	5312.	11019.
27	5624.	5624.	2152.	7776.	5377.	11001.
28	5458.	5458.	2152.	7610.	5303.	10761.
29	5298.	5298.	2181.	7479.	6302.	11600.
30	5132.	5132.	2185.	7317.	7278.	12410.
31	4947.	4947.	3394.	8341.	19590.	24537.
32	5054.	5054.	4205.	9259.	23586.	28640.
33	4881.	5554.	11132.	16686.	55210.	60764.
34	5835.	5198.	18133.	23331.	61203.	66401.
35	6353.	6316.	30063.	36379.	74627.	80943.
36	4304.	7543.	28331.	35874.	96869.	104412.
37	5580.	7445.	31885.	39330.	73751.	81196.
38	7513.	7513.	38724.	46237.	90806.	98319.
39	6812.	6812.	38519.	45331.	113948.	120760.
40	7101.	7101.	35399.	42500.	113373.	120474.
41	18511.	13408.	44606.	58014.	132272.	145680.
42	26730.	26730.	42289.	69019.	129559.	156289.
43	23181.	23181.	35932.	59113.	92151.	115332.
44	20872.	20872.	37949.	58821.	110076.	130948.
45	18586.	18586.	36462.	55048.	93353.	111939.
46	28711.	28711.	52968.	81679.	84207.	112918.
47	19247.	19247.	34014.	53261.	68967.	88214.
48	10693.	10693.	19629.	30322.	56644.	67337.
49	15833.	15833.	31393.	47226.	53018.	68851.
50	19452.	19452.	33449.	52901.	51786.	71238.
51	17801.	17801.	30589.	48390.	69267.	87068.
52	20591.	20591.	48578.	69169.	80965.	101556.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1966 1	13634.	13634.	19553.	33187.	44336.	57970.
2	7579.	7579.	15815.	23394.	33302.	40881.
3	6010.	6010.	8185.	14195.	36392.	42402.
4	6209.	6209.	6265.	12474.	38358.	44567.
5	6383.	6383.	4784.	11167.	29303.	35686.
6	6593.	6593.	3749.	10342.	20925.	27518.
7	6824.	6824.	3414.	10238.	17455.	24279.
8	7072.	7072.	3165.	10237.	15510.	22582.
9	7311.	7311.	2912.	10223.	12306.	19617.
10	7634.	7634.	2596.	10230.	9098.	16732.
11	7786.	7786.	2533.	10319.	6687.	14473.
12	7553.	7553.	2470.	10023.	7538.	15091.
13	7144.	7144.	2406.	9550.	6787.	13931.
14	6917.	6917.	2221.	9138.	6502.	13419.
15	6895.	6895.	2172.	9067.	6769.	13664.
16	6870.	6870.	2140.	9010.	6690.	13560.
17	6845.	6845.	2107.	8952.	6932.	13777.
18	6811.	6811.	2020.	8831.	6760.	13571.
19	6807.	6807.	1902.	8709.	6949.	13756.
20	6764.	6764.	1846.	8610.	6473.	13237.
21	6722.	6722.	1795.	8517.	6775.	13497.
22	6636.	6636.	1742.	8378.	5472.	12108.
23	6325.	6325.	1707.	8032.	5389.	11714.
24	6116.	6116.	1698.	7814.	5081.	11197.
25	5906.	5906.	1698.	7604.	5307.	11213.
26	5786.	5786.	1701.	7487.	5500.	11286.
27	5713.	5713.	1991.	7704.	4744.	10457.
28	5546.	5546.	1991.	7537.	5178.	10724.
29	5416.	5416.	2079.	7495.	4989.	10405.
30	5254.	5254.	2129.	7383.	4568.	9822.
31	5110.	5110.	2947.	8057.	2972.	8082.
32	5119.	5119.	3824.	8943.	7638.	12757.
33	5355.	5357.	7186.	12543.	31675.	37032.
34	5885.	5883.	10726.	16609.	46416.	52299.
35	6524.	6524.	15948.	22472.	36244.	42768.
36	7932.	7932.	48719.	56651.	65780.	73712.
37	6869.	6869.	41850.	48719.	79246.	86115.
38	6040.	6839.	38188.	45027.	74404.	81243.
39	4979.	7176.	34468.	41644.	90747.	97923.
40	5639.	7747.	28470.	36217.	79147.	86894.
41	7807.	7807.	34497.	42304.	95882.	103689.
42	14235.	9131.	37655.	46786.	98082.	107213.
43	19615.	19615.	43153.	62768.	119647.	139262.
44	26089.	26089.	50464.	76553.	106472.	132561.
45	21345.	21345.	41352.	62697.	129626.	150971.
46	17552.	17552.	36584.	54136.	117912.	135464.
47	21266.	21266.	48677.	69943.	113209.	134475.
48	17016.	17016.	32914.	49930.	92011.	109027.
49	11802.	11802.	21632.	33434.	74642.	86444.
50	11462.	11462.	21344.	32806.	84270.	95732.
51	11331.	11331.	20047.	31378.	128703.	140034.
52	8267.	8267.	14704.	22971.	80280.	88547.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1967 1	6487.	6487.	12739.	19226.	60922.	67409.
2	5719.	5719.	9096.	14815.	45118.	50837.
3	5896.	5896.	6670.	12566.	28486.	34382.
4	6077.	6077.	4331.	10408.	20411.	26488.
5	6289.	6289.	3336.	9625.	12446.	18735.
6	6537.	6537.	2978.	9515.	7709.	14246.
7	6792.	6792.	2845.	9637.	7770.	14562.
8	7049.	7049.	2741.	9790.	9010.	16059.
9	7294.	7294.	2646.	9940.	6848.	14142.
10	7617.	7617.	2568.	10185.	5216.	12833.
11	7774.	7774.	2523.	10297.	5580.	13354.
12	7548.	7548.	2502.	10050.	4566.	12114.
13	7143.	7143.	2464.	9607.	4594.	11737.
14	6944.	6944.	2456.	9400.	4124.	11068.
15	6924.	6924.	2411.	9335.	4707.	11631.
16	6899.	6899.	2366.	9265.	5276.	12175.
17	6873.	6873.	2256.	9129.	5435.	12308.
18	6838.	6838.	2219.	9057.	5637.	12475.
19	6835.	6835.	2115.	8950.	5771.	12606.
20	6793.	6793.	2055.	8848.	5528.	12321.
21	6751.	6751.	1945.	8696.	5213.	11964.
22	6658.	6658.	1928.	8586.	4802.	11460.
23	6332.	6332.	1814.	8146.	4705.	11037.
24	6123.	6123.	1720.	7843.	5064.	11187.
25	5913.	5913.	1669.	7582.	4628.	10541.
26	5793.	5793.	1637.	7430.	4672.	10465.
27	5706.	5706.	1567.	7273.	4900.	10606.
28	5539.	5539.	1539.	7078.	4504.	10043.
29	5375.	5375.	1543.	6918.	3800.	9175.
30	5223.	5223.	1728.	6951.	3861.	9084.
31	4972.	4972.	2976.	7948.	2216.	7188.
32	5099.	5099.	8525.	13624.	5527.	10626.
33	5815.	5815.	21473.	27288.	17348.	23163.
34	6178.	6178.	26758.	32936.	25225.	31403.
35	6422.	6422.	31001.	37423.	18958.	25380.
36	4711.	7347.	28637.	35984.	39031.	46378.
37	5899.	6834.	37141.	43975.	31775.	38609.
38	5663.	7195.	42195.	49390.	51362.	58557.
39	7234.	7234.	50066.	57300.	69735.	76969.
40	7519.	7519.	45164.	52683.	73261.	80780.
41	17620.	12516.	42009.	54525.	86375.	98891.
42	27805.	27805.	68333.	96138.	91938.	119743.
43	32408.	32408.	58073.	90481.	85988.	118396.
44	25176.	25176.	46123.	71299.	90407.	115583.
45	23405.	23405.	40186.	63591.	100312.	123717.
46	38000.	38000.	82874.	120874.	105045.	143045.
47	35808.	35808.	54247.	90055.	81454.	117262.
48	25302.	25302.	33859.	59161.	71758.	97060.
49	27035.	27035.	32970.	60005.	63971.	91006.
50	15955.	15955.	36378.	52333.	65877.	81832.
51	11597.	11597.	17576.	29173.	49739.	61336.
52	8813.	8813.	12492.	21305.	47287.	56100.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1968 1	6430.	6430.	8756.	15186.	37429.	43859.
2	5727.	5727.	7002.	12729.	40837.	46564.
3	5911.	5911.	5576.	11487.	27383.	33294.
4	6108.	6108.	4328.	10436.	20317.	26425.
5	6312.	6312.	3717.	10029.	16343.	22655.
6	6543.	6543.	3437.	9980.	13742.	20285.
7	6789.	6789.	3260.	10049.	8678.	15467.
8	7037.	7037.	3076.	10113.	11254.	18291.
9	7280.	7280.	2900.	10180.	10790.	18070.
10	7597.	7597.	2824.	10421.	8880.	16477.
11	7752.	7752.	2684.	10436.	7254.	15006.
12	7519.	7519.	2626.	10145.	6664.	14183.
13	7114.	7114.	2494.	9608.	6122.	13236.
14	6916.	6916.	2471.	9387.	6804.	13720.
15	6895.	6895.	2413.	9308.	6781.	13676.
16	6868.	6868.	2314.	9182.	6831.	13699.
17	6840.	6840.	2287.	9127.	7022.	13862.
18	6805.	6805.	2259.	9064.	6805.	13610.
19	6803.	6803.	2244.	9047.	7329.	14132.
20	6759.	6759.	2233.	8992.	7206.	13965.
21	6714.	6714.	2212.	8926.	6508.	13222.
22	6626.	6626.	2212.	8838.	6337.	12963.
23	6313.	6313.	2197.	8510.	5883.	12196.
24	6102.	6102.	2161.	8263.	5371.	11473.
25	5891.	5891.	2088.	7979.	5817.	11708.
26	5770.	5770.	2088.	7858.	6167.	11937.
27	5676.	5676.	2172.	7848.	5469.	11145.
28	5506.	5506.	2256.	7762.	6284.	11790.
29	5342.	5342.	2548.	7890.	8592.	13934.
30	5182.	5182.	3087.	8269.	15966.	21148.
31	4979.	4979.	4316.	9295.	41471.	46450.
32	4954.	4954.	7241.	12195.	82844.	87798.
33	5606.	5606.	17720.	23326.	72606.	78212.
34	7001.	7001.	39566.	46567.	66876.	73877.
35	6494.	6494.	40793.	47287.	102899.	109393.
36	5229.	7164.	40264.	47428.	112988.	120152.
37	6935.	6445.	58098.	64543.	137437.	143882.
38	6874.	6410.	53883.	60293.	109990.	116400.
39	18581.	17600.	42023.	59623.	98392.	115992.
40	27823.	27823.	48037.	75860.	110723.	138546.
41	25325.	25325.	49574.	74899.	122031.	147356.
42	24447.	24447.	39523.	63970.	97098.	121545.
43	23623.	23623.	46488.	70111.	107344.	130967.
44	20824.	20824.	35600.	56424.	90281.	111105.
45	18816.	18816.	37390.	56206.	90218.	109034.
46	15653.	15653.	31327.	46980.	73863.	89516.
47	14145.	14145.	29127.	43272.	79098.	93243.
48	12539.	12539.	22137.	34676.	58106.	70645.
49	10453.	10453.	16878.	27331.	41192.	51645.
50	10471.	10471.	15537.	26008.	33593.	44064.
51	6687.	6687.	10737.	17424.	28076.	34763.
52	5120.	5600.	8092.	13692.	20980.	26580.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1969 1	5213.	5690.	6587.	12277.	13795.	19485.
2	5581.	5732.	5668.	11400.	9831.	15563.
3	6384.	5207.	4485.	9692.	10039.	15246.
4	6088.	6088.	4109.	10197.	7451.	13539.
5	6289.	6289.	3330.	9619.	6353.	12642.
6	6514.	6514.	2779.	9293.	6001.	12515.
7	6742.	6742.	2488.	9230.	6723.	13465.
8	6987.	6987.	2308.	9295.	7481.	14468.
9	7221.	7221.	2115.	9336.	6940.	14161.
10	7533.	7533.	1947.	9480.	5827.	13360.
11	7689.	7689.	1868.	9557.	4938.	12627.
12	7461.	7461.	1784.	9245.	4726.	12187.
13	7055.	7055.	1712.	8767.	5679.	12734.
14	6848.	6848.	1614.	8462.	6938.	13786.
15	6828.	6828.	1585.	8413.	6882.	13710.
16	6801.	6801.	1519.	8320.	6729.	13530.
17	6777.	6777.	1498.	8275.	6602.	13379.
18	6748.	6748.	1467.	8215.	6529.	13277.
19	6756.	6756.	1428.	8184.	6080.	12836.
20	6716.	6716.	1409.	8125.	5690.	12406.
21	6679.	6679.	1401.	8080.	5794.	12473.
22	6596.	6596.	1370.	7966.	5660.	12256.
23	6286.	6286.	1342.	7628.	5428.	11714.
24	6079.	6079.	1329.	7408.	5101.	11180.
25	5872.	5872.	1296.	7168.	5269.	11141.
26	5753.	5753.	1299.	7052.	4916.	10669.
27	5673.	5673.	1398.	7071.	4723.	10396.
28	5515.	5515.	1532.	7047.	4522.	10037.
29	5365.	5365.	1982.	7347.	6550.	11915.
30	5230.	5230.	2957.	8187.	10450.	15680.
31	5048.	5048.	4317.	9365.	25421.	30469.
32	5110.	5110.	6736.	11846.	74502.	79612.
33	5217.	5458.	9129.	14587.	79118.	84576.
34	5830.	5589.	19233.	24822.	77500.	83089.
35	5103.	5377.	14907.	20284.	107019.	112396.
36	2705.	7512.	15988.	23500.	98897.	106409.
37	7355.	7378.	25314.	32692.	99418.	106796.
38	7320.	7320.	32238.	39558.	112116.	119436.
39	7381.	7381.	32562.	39943.	109691.	117072.
40	7796.	7796.	31701.	39497.	104625.	112421.
41	7743.	7743.	33668.	41411.	108363.	116106.
42	7734.	7734.	28596.	36330.	101679.	109413.
43	7778.	7778.	26084.	33862.	83763.	91541.
44	7317.	7317.	25496.	32813.	95468.	102785.
45	7041.	7041.	25438.	32479.	106496.	113537.
46	7504.	7504.	13265.	20769.	68426.	75930.
47	7597.	7597.	10768.	18365.	49713.	57310.
48	7641.	7641.	11094.	18735.	48382.	56023.
49	7621.	7621.	12196.	19817.	36778.	44399.
50	6668.	6668.	10280.	16948.	34521.	41189.
51	5715.	5715.	8545.	14260.	31999.	37714.
52	5760.	5760.	7187.	12947.	26554.	32314.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970 1	5673.	5673.	8127.	13800.	23989.	29662.
2	5877.	5692.	7947.	13639.	35842.	41534.
3	7110.	4730.	6495.	11225.	29721.	34451.
4	7359.	4821.	4747.	9568.	13991.	18812.
5	6345.	6345.	4175.	10520.	13451.	19796.
6	6592.	6592.	3246.	9838.	8792.	15384.
7	6835.	6835.	2679.	9514.	8042.	14877.
8	7091.	7091.	2432.	9523.	6694.	13785.
9	7343.	7343.	2204.	9547.	6936.	14279.
10	7688.	7688.	2099.	9787.	4894.	12582.
11	7854.	7854.	2051.	9905.	4931.	12785.
12	7630.	7630.	2036.	9666.	4667.	12297.
13	7223.	7223.	1999.	9222.	4629.	11852.
14	7031.	7031.	1915.	8946.	5508.	12539.
15	7017.	7017.	1855.	8872.	5935.	12952.
16	6995.	6995.	1851.	8846.	6219.	13214.
17	6975.	6975.	1844.	8819.	5944.	12919.
18	6950.	6950.	1829.	8779.	6145.	13095.
19	6955.	6955.	1811.	8766.	6295.	13250.
20	6913.	6913.	1769.	8682.	5886.	12799.
21	6875.	6875.	1684.	8559.	5798.	12673.
22	6791.	6791.	1675.	8466.	5789.	12580.
23	6466.	6466.	1670.	8136.	5630.	12096.
24	6253.	6253.	1671.	7924.	5352.	11605.
25	6041.	6041.	1674.	7715.	5264.	11305.
26	5919.	5919.	1674.	7593.	5127.	11046.
27	5804.	5804.	1690.	7494.	5310.	11114.
28	5638.	5638.	1826.	7464.	5355.	10993.
29	5468.	5468.	2103.	7571.	6024.	11492.
30	5303.	5303.	2630.	7933.	7931.	13234.
31	5120.	5120.	3787.	8907.	21764.	26884.
32	5185.	5185.	8008.	13193.	38239.	43424.
33	5734.	5734.	16172.	21906.	63492.	69226.
34	5570.	5570.	20681.	26251.	76558.	82128.
35	5703.	5703.	25803.	31506.	93606.	99309.
36	5408.	6534.	23602.	30136.	99139.	105673.
37	5133.	6586.	36280.	42866.	93089.	99675.
38	4830.	6662.	28361.	35023.	101305.	107967.
39	7041.	5745.	36687.	42432.	113448.	119193.
40	5540.	6047.	37916.	43963.	126047.	132094.
41	4882.	6362.	36968.	43330.	114216.	120578.
42	6245.	6245.	41710.	47955.	118047.	124292.
43	6321.	6321.	40751.	47072.	128448.	134769.
44	6330.	6330.	47718.	54048.	123002.	129332.
45	6784.	6784.	42069.	48853.	103078.	109862.
46	7061.	7061.	31501.	38562.	102140.	109201.
47	6939.	6939.	36900.	43839.	90773.	97712.
48	7235.	7235.	27117.	34352.	72743.	79978.
49	7097.	7097.	25042.	32139.	62963.	70060.
50	6282.	6282.	23017.	29299.	52478.	58760.
51	5707.	5267.	17537.	22804.	45467.	50734.
52	5207.	5592.	10081.	15673.	29195.	34787.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971 1	6370.	5276.	9897.	15173.	18665.	23941.
2	6526.	5396.	8369.	13765.	15869.	21265.
3	7471.	4592.	7005.	11597.	15003.	19595.
4	6343.	6343.	5903.	12246.	13419.	19762.
5	6552.	6552.	5654.	12206.	12105.	18657.
6	6788.	6788.	5220.	12008.	10239.	17027.
7	7010.	7010.	4247.	11257.	10245.	17255.
8	7228.	7228.	3782.	11010.	8272.	15500.
9	7446.	7446.	3408.	10854.	8119.	15565.
10	7752.	7752.	3129.	10881.	6799.	14551.
11	7892.	7892.	2945.	10837.	6512.	14404.
12	7646.	7646.	2814.	10460.	6699.	14345.
13	7218.	7218.	2622.	9840.	6236.	13454.
14	6975.	6975.	2384.	9359.	6456.	13431.
15	6940.	6940.	2197.	9137.	6814.	13754.
16	6902.	6902.	1981.	8883.	7068.	13970.
17	6862.	6862.	1792.	8654.	6768.	13630.
18	6828.	6828.	1666.	8494.	6252.	13080.
19	6833.	6833.	1620.	8453.	5858.	12691.
20	6786.	6786.	1590.	8376.	5154.	11940.
21	6747.	6747.	1566.	8313.	4925.	11672.
22	6662.	6662.	1519.	8181.	5140.	11802.
23	6344.	6344.	1513.	7857.	4704.	11048.
24	6134.	6134.	1499.	7633.	4375.	10509.
25	5924.	5924.	1461.	7385.	4273.	10197.
26	5803.	5803.	1515.	7318.	4000.	9803.
27	5720.	5720.	1558.	7278.	4330.	10050.
28	5556.	5556.	1583.	7139.	4621.	10177.
29	5394.	5394.	1687.	7081.	4364.	9758.
30	5237.	5237.	1792.	7029.	5134.	10371.
31	5002.	5002.	2269.	7271.	5629.	10631.
32	4964.	4964.	3750.	8714.	14384.	19348.
33	4306.	5706.	5993.	11699.	35940.	41646.
34	4727.	5481.	9837.	15318.	59314.	64795.
35	5511.	5147.	16019.	21166.	65416.	70563.
36	4439.	7753.	29662.	37415.	84208.	91961.
37	7674.	6426.	49503.	55929.	72695.	79121.
38	6189.	7437.	43019.	50456.	91962.	99399.
39	6842.	6842.	68296.	75138.	144706.	151548.
40	7718.	7718.	44680.	52398.	138209.	145927.
41	7696.	7696.	49974.	57670.	137867.	145563.
42	7497.	7497.	48011.	55508.	121774.	129271.
43	8023.	8023.	31239.	39262.	85201.	93224.
44	19863.	14759.	35772.	50531.	82063.	96822.
45	35690.	35690.	68287.	103977.	104284.	139974.
46	35364.	35364.	50129.	85493.	93227.	128591.
47	33976.	33976.	33318.	67294.	73418.	107394.
48	18657.	18657.	26332.	44989.	68690.	87347.
49	21459.	21459.	28612.	50071.	70825.	92284.
50	13693.	13693.	20957.	34650.	51049.	64742.
51	10354.	10354.	14910.	25264.	48618.	58972.
52	8985.	8985.	11988.	20973.	38136.	47121.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 1	7354.	7354.	9632.	16986.	22356.	29710.
2	6590.	6590.	12710.	19300.	27406.	33996.
3	5901.	5901.	8375.	14276.	17150.	23051.
4	6116.	6116.	6141.	12257.	13705.	19821.
5	6336.	6336.	5092.	11428.	9197.	15533.
6	6571.	6571.	4358.	10929.	9250.	15821.
7	6814.	6814.	3840.	10654.	7602.	14416.
8	7058.	7058.	3409.	10467.	5931.	12989.
9	7295.	7295.	3062.	10357.	6016.	13311.
10	7664.	7664.	2869.	10533.	5206.	12870.
11	7818.	7818.	2684.	10502.	4690.	12508.
12	7576.	7576.	2536.	10112.	6157.	13733.
13	7171.	7171.	2410.	9581.	6060.	13231.
14	6988.	6988.	2374.	9362.	6242.	13230.
15	6949.	6949.	2290.	9239.	7465.	14414.
16	6923.	6923.	2268.	9191.	6378.	13301.
17	6896.	6896.	2135.	9031.	6445.	13341.
18	6864.	6864.	2136.	9000.	5971.	12835.
19	6865.	6865.	2096.	8961.	6686.	13551.
20	6812.	6812.	1982.	8794.	5787.	12599.
21	6768.	6768.	1915.	8683.	5480.	12248.
22	6672.	6672.	1859.	8531.	4669.	11341.
23	6344.	6344.	1776.	8120.	4660.	11004.
24	6125.	6125.	1710.	7835.	4106.	10231.
25	5914.	5914.	1628.	7542.	4390.	10304.
26	5790.	5790.	1594.	7384.	4907.	10697.
27	5682.	5682.	1611.	7293.	5292.	10974.
28	5516.	5516.	1602.	7118.	5215.	10731.
29	5343.	5343.	1661.	7004.	5414.	10757.
30	5182.	5182.	1884.	7066.	5069.	10251.
31	5107.	5107.	3944.	9051.	11537.	16644.
32	6482.	6482.	14138.	20620.	30514.	36996.
33	6383.	6383.	13781.	20164.	36379.	42762.
34	6997.	6997.	20112.	27109.	45141.	52138.
35	8479.	8479.	38329.	46808.	72408.	80887.
36	4687.	7861.	25917.	33778.	89816.	97677.
37	7790.	6980.	35704.	42684.	75507.	82487.
38	33744.	31380.	39970.	71350.	82547.	113927.
39	24532.	24532.	33220.	57752.	97132.	121664.
40	24274.	24274.	40094.	64368.	100631.	124905.
41	24261.	24261.	49264.	73525.	123201.	147462.
42	21623.	21623.	37271.	58894.	97016.	118639.
43	17632.	17632.	38111.	55743.	98103.	115735.
44	19568.	19568.	39025.	58593.	103609.	123177.
45	20953.	20953.	35180.	56133.	94968.	115921.
46	19219.	19219.	33198.	52417.	83408.	102627.
47	19865.	19865.	35012.	54877.	79686.	99551.
48	13290.	13290.	22365.	35655.	62050.	75340.
49	12589.	12589.	25532.	38121.	55749.	68338.
50	17212.	17212.	34025.	51237.	54630.	71842.
51	12685.	12685.	19435.	32120.	52084.	64769.
52	5728.	5728.	12413.	18141.	30569.	36297.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1973 1	4827.	5845.	10481.	16326.	16875.	22720.
2	5277.	5857.	7757.	13614.	10386.	16243.
3	6594.	4996.	10554.	15550.	30013.	35009.
4	6066.	6066.	7656.	13722.	24522.	30588.
5	6262.	6262.	5352.	11614.	22472.	28734.
6	6496.	6496.	4383.	10879.	16815.	23311.
7	6734.	6734.	3926.	10660.	12336.	19070.
8	6982.	6982.	3361.	10343.	8983.	15965.
9	7216.	7216.	3242.	10458.	8996.	16212.
10	7554.	7554.	3272.	10826.	8923.	16477.
11	7701.	7701.	3000.	10701.	8185.	15886.
12	7473.	7473.	3080.	10553.	7355.	14828.
13	7070.	7070.	2744.	9814.	6573.	13643.
14	6850.	6850.	2381.	9231.	6805.	13655.
15	6828.	6828.	2227.	9055.	6409.	13237.
16	6804.	6804.	2172.	8976.	5866.	12670.
17	6779.	6779.	2075.	8854.	5602.	12381.
18	6748.	6748.	2110.	8858.	5419.	12167.
19	6765.	6765.	2019.	8784.	5448.	12213.
20	6722.	6722.	1948.	8670.	5250.	11972.
21	6679.	6679.	1915.	8594.	4963.	11642.
22	6586.	6586.	1805.	8391.	4963.	11549.
23	6250.	6250.	1656.	7906.	4249.	10499.
24	6042.	6042.	1671.	7713.	4375.	10417.
25	5833.	5833.	1543.	7376.	4197.	10030.
26	5713.	5713.	1482.	7195.	4302.	10015.
27	5625.	5625.	1352.	6977.	4586.	10211.
28	5459.	5459.	1527.	6986.	3852.	9311.
29	5291.	5291.	1575.	6866.	3637.	8928.
30	5127.	5127.	1992.	7119.	4929.	10056.
31	4898.	4898.	2872.	7770.	4204.	9102.
32	4873.	4873.	6075.	10948.	15138.	20011.
33	4626.	5537.	19566.	25103.	50093.	55630.
34	4911.	5364.	20608.	25972.	51069.	56433.
35	5135.	5260.	20942.	26202.	46235.	51495.
36	4420.	8034.	26355.	34389.	59744.	67778.
37	7389.	7389.	42624.	50013.	55730.	63119.
38	7257.	7257.	47450.	54707.	100621.	107878.
39	7855.	7855.	38346.	46201.	106645.	114500.
40	8328.	8328.	33706.	42034.	95434.	103762.
41	8359.	8359.	35525.	43884.	83237.	91596.
42	8515.	8515.	27332.	35847.	72274.	80789.
43	8476.	8476.	28919.	37395.	78882.	87358.
44	12188.	8373.	27964.	36337.	75193.	83566.
45	20275.	18986.	31316.	50302.	79326.	98312.
46	16155.	16155.	21670.	37825.	61581.	77736.
47	21018.	21018.	38724.	59742.	77507.	98525.
48	22260.	22260.	31797.	54057.	63767.	86027.
49	12074.	12074.	22076.	34150.	50613.	62687.
50	8425.	8425.	15881.	24306.	55550.	63975.
51	7115.	7115.	10431.	17546.	53894.	61009.
52	5779.	5779.	6128.	11907.	43275.	49054.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1974 1	5328.	5639.	7230.	12869.	33814.	39453.
2	5621.	5710.	4853.	10563.	27559.	33269.
3	6017.	5617.	3770.	9387.	20555.	26172.
4	6051.	6051.	3594.	9645.	15765.	21816.
5	6215.	6215.	3036.	9251.	14976.	21191.
6	6462.	6462.	2734.	9196.	12128.	18590.
7	6712.	6712.	2703.	9415.	8841.	15553.
8	6964.	6964.	2540.	9504.	8974.	15938.
9	7207.	7207.	2587.	9794.	9302.	16509.
10	7525.	7525.	2353.	9878.	7483.	15008.
11	7678.	7678.	2193.	9871.	6622.	14300.
12	7451.	7451.	1954.	9405.	6928.	14379.
13	7046.	7046.	1983.	9029.	7600.	14646.
14	6840.	6840.	1847.	8687.	8005.	14845.
15	6820.	6820.	1802.	8622.	7430.	14250.
16	6795.	6795.	1764.	8559.	7353.	14148.
17	6771.	6771.	1719.	8490.	7265.	14036.
18	6739.	6739.	1721.	8460.	7207.	13946.
19	6745.	6745.	1777.	8522.	6889.	13634.
20	6704.	6704.	1751.	8455.	7425.	14129.
21	6663.	6663.	1746.	8409.	7469.	14132.
22	6581.	6581.	1687.	8268.	7220.	13801.
23	6275.	6275.	1675.	7950.	7505.	13780.
24	6066.	6066.	1590.	7656.	6614.	12680.
25	5855.	5855.	1518.	7373.	6326.	12181.
26	5735.	5735.	1496.	7231.	6331.	12066.
27	5642.	5642.	1493.	7135.	6142.	11784.
28	5476.	5476.	1505.	6981.	6105.	11581.
29	5313.	5313.	1597.	6910.	6568.	11881.
30	5164.	5164.	2093.	7257.	10031.	15195.
31	5043.	5043.	3458.	8501.	32719.	37762.
32	5254.	5254.	7048.	12302.	67965.	73219.
33	5586.	5586.	9905.	15491.	45992.	51578.
34	6573.	6573.	18582.	25155.	52364.	58937.
35	6733.	6733.	27977.	34710.	64397.	71130.
36	3905.	7552.	21047.	28599.	64709.	72261.
37	6306.	7763.	23873.	31636.	47994.	55757.
38	7843.	7843.	26301.	34144.	61543.	69386.
39	7765.	7765.	32945.	40710.	86556.	94321.
40	8058.	8058.	32938.	40996.	76658.	84716.
41	7830.	7830.	35125.	42955.	71302.	79132.
42	7927.	7927.	35737.	43664.	71609.	79536.
43	7968.	7968.	33642.	41610.	79417.	87385.
44	7891.	7891.	31014.	38905.	74485.	82376.
45	7807.	7807.	33036.	40843.	79416.	87223.
46	7980.	7980.	29667.	37647.	74752.	82732.
47	8193.	8193.	21421.	29614.	64509.	72702.
48	15824.	10720.	32977.	43697.	70689.	81409.
49	15586.	15586.	26430.	42016.	59629.	75215.
50	8738.	8738.	15624.	24362.	46863.	55601.
51	8830.	8830.	13094.	21924.	35430.	44260.
52	11618.	11618.	15113.	26731.	31240.	42858.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1975 1	5268.	5655.	8986.	14641.	20413.	26068.
2	5743.	5657.	7760.	13417.	20445.	26102.
3	5948.	5647.	4857.	10504.	14411.	20058.
4	6017.	6017.	4468.	10485.	11464.	17481.
5	6220.	6220.	3827.	10047.	9525.	15745.
6	6478.	6478.	3069.	9547.	9378.	15856.
7	6732.	6732.	2751.	9483.	8521.	15253.
8	6988.	6988.	2523.	9511.	8378.	15366.
9	7236.	7236.	2653.	9889.	8393.	15629.
10	7601.	7601.	2517.	10118.	8307.	15908.
11	7758.	7758.	2455.	10213.	8021.	15779.
12	7531.	7531.	2515.	10046.	7807.	15338.
13	7126.	7126.	2500.	9626.	7521.	14647.
14	6912.	6912.	2383.	9295.	7527.	14439.
15	6886.	6886.	2247.	9133.	7392.	14278.
16	6860.	6860.	2047.	8907.	7106.	13966.
17	6835.	6835.	1953.	8788.	7106.	13941.
18	6806.	6806.	2050.	8856.	6607.	13413.
19	6834.	6834.	1929.	8763.	6635.	13469.
20	6791.	6791.	1716.	8507.	6635.	13426.
21	6743.	6743.	1699.	8442.	6187.	12930.
22	6653.	6653.	1724.	8377.	6226.	12879.
23	6346.	6346.	1584.	7930.	5728.	12074.
24	6137.	6137.	1630.	7767.	5728.	11865.
25	5927.	5927.	1656.	7583.	5728.	11655.
26	5806.	5806.	1573.	7379.	5728.	11534.
27	5710.	5710.	1668.	7378.	5538.	11248.
28	5544.	5544.	1667.	7211.	5240.	10784.
29	5385.	5385.	1663.	7048.	5125.	10510.
30	5241.	5241.	1971.	7212.	5656.	10897.
31	5074.	5074.	2757.	7831.	6655.	11729.
32	5321.	5321.	3965.	9286.	8387.	13708.
33	5912.	5912.	13992.	19904.	20837.	26749.
34	6479.	6479.	22064.	28543.	57259.	63738.
35	7005.	7005.	36139.	43144.	84792.	91797.
36	6223.	7062.	37357.	44419.	94967.	102029.
37	4679.	7543.	34862.	42405.	84400.	91943.
38	5770.	7170.	41708.	48878.	102902.	110072.
39	7365.	7365.	43317.	50682.	111778.	119143.
40	22846.	17742.	42917.	60659.	116702.	134444.
41	28436.	28436.	52411.	80847.	124993.	153429.
42	26957.	26957.	47300.	74257.	110900.	137857.
43	24660.	24660.	35305.	59965.	93769.	118429.
44	22789.	22789.	35280.	58069.	87354.	110143.
45	18242.	18242.	52747.	70989.	81329.	99571.
46	17426.	17426.	34500.	51926.	80874.	98300.
47	15380.	15380.	24700.	40080.	69234.	84614.
48	13252.	13252.	21867.	35119.	54734.	67986.
49	10858.	10858.	21002.	31860.	50842.	61700.
50	18386.	18386.	26114.	44500.	70771.	89157.
51	17223.	17223.	24409.	41632.	77048.	94271.
52	14515.	14515.	17290.	31805.	55885.	70400.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976 1	9346.	9346.	11984.	21330.	36097.	45443.
2	8243.	8243.	10831.	19074.	25557.	33800.
3	7593.	7593.	7892.	15485.	24021.	31614.
4	6357.	6357.	4956.	11313.	16951.	23308.
5	6366.	6366.	3823.	10189.	12841.	19207.
6	6552.	6552.	2942.	9494.	10045.	16597.
7	6766.	6766.	2698.	9464.	7650.	14416.
8	6995.	6995.	2353.	9348.	6287.	13282.
9	7227.	7227.	2329.	9556.	5262.	12489.
10	7545.	7545.	2133.	9678.	4937.	12482.
11	7699.	7699.	2073.	9772.	4977.	12676.
12	7471.	7471.	1963.	9434.	5017.	12488.
13	7064.	7064.	1963.	9027.	5070.	12134.
14	6869.	6869.	1928.	8797.	5423.	12292.
15	6851.	6851.	1885.	8736.	5650.	12501.
16	6823.	6823.	1789.	8612.	5912.	12735.
17	6798.	6798.	1813.	8611.	5525.	12323.
18	6768.	6768.	1791.	8559.	5353.	12121.
19	6770.	6770.	1802.	8572.	5120.	11890.
20	6728.	6728.	2087.	8815.	4720.	11448.
21	6686.	6686.	1965.	8651.	4491.	11177.
22	6599.	6599.	1972.	8571.	4344.	10943.
23	6290.	6290.	1951.	8241.	4521.	10811.
24	6082.	6082.	1731.	7813.	4578.	10660.
25	5873.	5873.	1722.	7595.	4578.	10451.
26	5753.	5753.	1739.	7492.	4578.	10331.
27	5657.	5657.	1775.	7432.	4644.	10301.
28	5494.	5494.	1938.	7432.	4608.	10102.
29	5340.	5340.	2558.	7898.	4731.	10071.
30	5224.	5224.	3367.	8591.	7357.	12581.
31	5308.	5308.	7952.	13260.	41832.	47140.
32	6131.	6131.	22021.	28152.	85712.	91843.
33	6008.	6008.	17165.	23173.	54622.	60630.
34	5997.	5997.	18680.	24677.	50278.	56275.
35	6162.	6162.	24164.	30326.	48333.	54495.
36	4969.	7545.	39449.	46994.	66584.	74129.
37	5225.	7431.	50460.	57891.	93255.	100686.
38	7574.	7895.	35628.	43523.	91662.	99557.
39	7934.	7934.	41390.	49324.	94823.	102757.
40	7947.	7947.	37749.	45696.	107581.	115528.
41	7949.	7949.	42231.	50180.	102194.	110143.
42	7999.	7999.	45425.	53424.	99186.	107185.
43	7974.	7974.	40990.	48964.	88840.	96814.
44	11770.	8536.	38128.	46664.	90093.	98629.
45	27600.	25730.	35617.	61347.	90971.	116701.
46	20486.	20486.	36295.	56781.	82171.	102657.
47	15736.	15736.	46392.	62128.	74507.	90243.
48	11079.	11079.	23601.	34680.	56621.	67700.
49	7164.	7435.	16586.	24021.	35207.	42642.
50	5867.	6537.	14369.	20906.	32847.	39384.
51	5902.	5535.	15153.	20688.	46955.	52490.
52	6285.	5783.	14658.	20441.	53165.	58948.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1977 1	5398.	5611.	10771.	16382.	28458.	34069.
2	5689.	5683.	9042.	14725.	26231.	31914.
3	6031.	5823.	6979.	12802.	26542.	32365.
4	6167.	6167.	6904.	13071.	27361.	33528.
5	6418.	6418.	5470.	11888.	19348.	25766.
6	6657.	6657.	4649.	11306.	16419.	23076.
7	6895.	6895.	4048.	10943.	17001.	23896.
8	7135.	7135.	3667.	10802.	14987.	22122.
9	7426.	7426.	4315.	11741.	12971.	20397.
10	7764.	7764.	3817.	11581.	12142.	19906.
11	7893.	7893.	3149.	11042.	11229.	19122.
12	7643.	7643.	3111.	10754.	10266.	17909.
13	7221.	7221.	3053.	10274.	9847.	17068.
14	6972.	6972.	2924.	9896.	9799.	16771.
15	6946.	6946.	2669.	9615.	8423.	15369.
16	6911.	6911.	2438.	9349.	7942.	14853.
17	6882.	6882.	2369.	9251.	7910.	14792.
18	6846.	6846.	2103.	8949.	8386.	15232.
19	6838.	6838.	2031.	8869.	7870.	14708.
20	6792.	6792.	1900.	8692.	7182.	13974.
21	6749.	6749.	2014.	8763.	7325.	14074.
22	6659.	6659.	1943.	8602.	6371.	13030.
23	6341.	6341.	1921.	8262.	5788.	12129.
24	6132.	6132.	1864.	7996.	5288.	11420.
25	5922.	5922.	1817.	7739.	5145.	11067.
26	5801.	5801.	1815.	7616.	5145.	10946.
27	5737.	5737.	1988.	7725.	4705.	10442.
28	5570.	5570.	1857.	7427.	4562.	10132.
29	5410.	5410.	1860.	7270.	4484.	9894.
30	5251.	5251.	1897.	7148.	4979.	10230.
31	5047.	5047.	2608.	7655.	6502.	11549.
32	5135.	5135.	4563.	9698.	15169.	20304.
33	6046.	6046.	10808.	16854.	45393.	51439.
34	6697.	6697.	18350.	25047.	71942.	78639.
35	7696.	7696.	35899.	43595.	93381.	101077.
36	5857.	7234.	53916.	61150.	124952.	132186.
37	7433.	6662.	67878.	74540.	129038.	135700.
38	6015.	7085.	56371.	63456.	136258.	143343.
39	17448.	15772.	57173.	72945.	136423.	152195.
40	20430.	20430.	41240.	61670.	128713.	149143.
41	22716.	22716.	44577.	67293.	119570.	142286.
42	24005.	24005.	52314.	76319.	126138.	150143.
43	19973.	19973.	44005.	63978.	114884.	134857.
44	21372.	21372.	40977.	62349.	114771.	136143.
45	20695.	20695.	41289.	61984.	112734.	133429.
46	18935.	18935.	43037.	61972.	115065.	134000.
47	19143.	19143.	48325.	67468.	115286.	134429.
48	12101.	12101.	26322.	38423.	76999.	89100.
49	9714.	9714.	22525.	32239.	63943.	73657.
50	13751.	13751.	23859.	37610.	83878.	97629.
51	13190.	13190.	23550.	36740.	71581.	84771.
52	11099.	11099.	20062.	31161.	69964.	81063.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1978 1	8112.	8112.	13324.	21436.	48617.	56729.
2	8229.	8229.	12137.	20366.	38485.	46714.
3	7232.	7232.	9727.	16959.	26197.	33429.
4	6372.	6372.	7484.	13856.	18605.	24977.
5	6520.	6520.	6517.	13037.	14350.	20870.
6	6716.	6716.	4902.	11618.	11812.	18528.
7	6935.	6935.	4048.	10983.	9440.	16375.
8	7166.	7166.	3627.	10793.	7153.	14319.
9	7386.	7386.	3506.	10892.	17479.	24865.
10	7681.	7681.	3268.	10949.	5391.	13072.
11	7825.	7825.	3167.	10992.	5074.	12899.
12	7591.	7591.	3036.	10627.	5003.	12594.
13	7171.	7171.	3107.	10278.	5037.	12208.
14	6943.	6943.	3141.	10084.	4969.	11912.
15	6912.	6912.	2797.	9709.	5058.	11970.
16	6878.	6878.	2742.	9620.	5157.	12035.
17	6846.	6846.	2526.	9372.	5230.	12076.
18	6807.	6807.	2376.	9183.	5137.	11944.
19	6810.	6810.	2171.	8981.	5252.	12062.
20	6763.	6763.	2029.	8792.	5297.	12060.
21	6719.	6719.	1892.	8611.	5297.	12016.
22	6627.	6627.	1761.	8388.	5140.	11767.
23	6298.	6298.	1738.	8036.	5122.	11420.
24	6087.	6087.	1697.	7784.	5122.	11209.
25	5876.	5876.	1585.	7461.	5122.	10998.
26	5755.	5755.	1702.	7457.	5059.	10814.
27	5652.	5652.	2011.	7663.	4988.	10640.
28	5486.	5486.	1936.	7422.	5016.	10502.
29	5319.	5319.	2062.	7381.	5359.	10678.
30	5158.	5158.	2467.	7625.	6192.	11350.
31	4886.	4886.	3265.	8151.	9525.	14411.
32	4978.	4978.	8395.	13373.	31942.	36920.
33	4365.	5710.	11835.	17545.	42861.	48571.
34	3952.	5804.	11148.	16952.	45467.	51271.
35	3948.	5779.	13048.	18827.	50879.	56658.
36	7456.	7531.	21720.	29251.	54797.	62328.
37	7349.	7349.	31855.	39204.	74551.	81900.
38	7443.	7443.	27488.	34931.	75800.	83243.
39	7306.	7306.	32218.	39524.	90479.	97785.
40	7010.	7010.	39036.	46046.	93819.	100829.
41	7081.	7081.	38184.	45265.	99047.	106128.
42	7071.	7071.	42653.	49724.	97829.	104900.
43	19561.	14458.	43523.	57981.	97640.	112098.
44	18935.	18935.	43836.	62771.	105065.	124000.
45	17917.	17917.	40823.	58740.	102226.	120143.
46	16659.	16659.	37165.	53824.	88355.	105014.
47	13901.	13901.	27859.	41760.	79470.	93371.
48	10010.	10010.	21128.	31138.	60633.	70643.
49	10516.	10516.	24492.	35008.	61613.	72129.
50	9480.	9480.	19487.	28967.	57220.	66700.
51	7126.	7126.	14810.	21936.	44688.	51814.
52	5317.	5646.	10325.	15971.	27671.	33317.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1979 1	5514.	5589.	8293.	13882.	25995.	31584.
2	6068.	5617.	6980.	12597.	39536.	45153.
3	6029.	6029.	6141.	12170.	37472.	43501.
4	6193.	6193.	4797.	10990.	28602.	34795.
5	6422.	6422.	4689.	11111.	23304.	29726.
6	6643.	6643.	4525.	11168.	16884.	23527.
7	6833.	6833.	3790.	10623.	11308.	18141.
8	7065.	7065.	3512.	10577.	8424.	15489.
9	7303.	7303.	3430.	10733.	8065.	15368.
10	7616.	7616.	3306.	10922.	7752.	15368.
11	7760.	7760.	3219.	10979.	7909.	15669.
12	7521.	7521.	2962.	10483.	7781.	15302.
13	7113.	7113.	2881.	9994.	7619.	14732.
14	6886.	6886.	2552.	9438.	7641.	14527.
15	6862.	6862.	2694.	9556.	7694.	14556.
16	6837.	6837.	2476.	9313.	7694.	14531.
17	6812.	6812.	2404.	9216.	7194.	14006.
18	6774.	6774.	2192.	8966.	7287.	14061.
19	6775.	6775.	2107.	8882.	6925.	13700.
20	6731.	6731.	1940.	8671.	6782.	13513.
21	6689.	6689.	1974.	8663.	6496.	13185.
22	6595.	6595.	1946.	8541.	6303.	12898.
23	6239.	6239.	1730.	7969.	5831.	12070.
24	6031.	6031.	1795.	7826.	5831.	11862.
25	5821.	5821.	1716.	7537.	5831.	11652.
26	5700.	5700.	1782.	7482.	5831.	11531.
27	5621.	5621.	1852.	7473.	5369.	10990.
28	5457.	5457.	1935.	7392.	5602.	11059.
29	5292.	5292.	2046.	7338.	6838.	12130.
30	5135.	5135.	3308.	8443.	9717.	14852.
31	4938.	4938.	6155.	11093.	20076.	25014.
32	4953.	4953.	13451.	18404.	62145.	67098.
33	4674.	5662.	19843.	25505.	76552.	82214.
34	5222.	5461.	23660.	29121.	75767.	81228.
35	6280.	5053.	39059.	44112.	95908.	100961.
36	3093.	8197.	32417.	40614.	98317.	106514.
37	8326.	8326.	31088.	39414.	93889.	102215.
38	8391.	8391.	30468.	38859.	84637.	93028.
39	8247.	8247.	39875.	48122.	107982.	116229.
40	7711.	7711.	43191.	50902.	104061.	111772.
41	14376.	9273.	46437.	55710.	111332.	120605.
42	30205.	30205.	63050.	93255.	121081.	151286.
43	30868.	30868.	52771.	83639.	124561.	155429.
44	24867.	24867.	50364.	75231.	112704.	137571.
45	23326.	23326.	44016.	67342.	114960.	138286.
46	18838.	18838.	42950.	61788.	124876.	143714.
47	16043.	16043.	34613.	50656.	108100.	124143.
48	14232.	14232.	23786.	38018.	80225.	94457.
49	8834.	8834.	13452.	22286.	49495.	58329.
50	8606.	8606.	13918.	22524.	46794.	55400.
51	12663.	12663.	14542.	27205.	79451.	92114.
52	10027.	10027.	12749.	22776.	89923.	99950.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1980 1	7486.	7486.	11287.	18773.	58457.	65943.
2	9501.	9501.	13274.	22775.	74399.	83900.
3	6673.	6673.	7932.	14605.	49241.	55914.
4	6181.	6181.	6422.	12603.	33299.	39480.
5	6400.	6400.	5718.	12118.	34626.	41026.
6	6627.	6627.	5483.	12110.	34681.	41308.
7	6904.	6904.	5569.	12473.	32308.	39212.
8	7078.	7078.	3504.	10582.	18977.	26055.
9	7310.	7310.	3739.	11049.	16135.	23445.
10	7600.	7600.	2895.	10495.	14781.	22381.
11	7739.	7739.	2610.	10349.	12965.	20704.
12	7499.	7499.	2665.	10164.	11067.	18566.
13	7084.	7084.	2517.	9601.	10153.	17237.
14	6870.	6870.	2367.	9237.	9485.	16355.
15	6845.	6845.	2373.	9218.	8707.	15552.
16	6814.	6814.	2287.	9101.	8301.	15115.
17	6783.	6783.	2249.	9032.	7953.	14736.
18	6749.	6749.	2153.	8902.	7850.	14599.
19	6747.	6747.	2157.	8904.	7746.	14493.
20	6700.	6700.	2049.	8749.	7671.	14371.
21	6654.	6654.	2025.	8679.	7552.	14206.
22	6567.	6567.	2081.	8648.	7480.	14047.
23	6253.	6253.	1948.	8201.	7536.	13789.
24	6042.	6042.	1909.	7951.	7808.	13850.
25	5831.	5831.	1776.	7607.	7379.	13210.
26	5709.	5709.	1872.	7581.	7665.	13374.
27	5620.	5620.	1947.	7567.	8369.	13989.
28	5455.	5455.	2102.	7557.	9097.	14552.
29	5291.	5291.	2245.	7536.	10676.	15967.
30	5153.	5153.	3262.	8415.	12771.	17924.
31	5023.	5023.	5110.	10133.	19839.	24862.
32	5252.	5252.	6298.	11550.	46417.	51669.
33	5411.	5411.	8123.	13534.	54733.	60144.
34	5171.	5358.	10635.	15993.	65213.	70571.
35	5703.	5515.	18789.	24304.	90818.	96333.
36	6146.	6146.	28725.	34871.	109170.	115316.
37	5030.	6502.	29533.	36035.	118740.	125242.
38	6253.	5765.	35274.	41039.	121721.	127486.
39	5311.	6178.	42781.	48959.	121637.	127815.
40	25979.	24128.	39651.	63779.	131642.	155770.
41	29933.	29933.	46944.	76877.	159924.	189857.
42	31585.	31585.	45345.	76930.	158986.	190571.
43	28372.	28372.	46534.	74906.	146485.	174857.
44	31440.	31440.	39738.	71178.	140703.	172143.
45	21402.	21402.	29514.	50916.	116312.	137714.
46	20230.	20230.	24101.	44331.	111341.	131571.
47	18346.	18346.	23163.	41509.	100368.	118714.
48	13413.	13413.	17979.	31392.	85873.	99286.
49	9786.	9786.	15191.	24977.	74643.	84429.
50	10465.	10465.	15987.	26452.	73106.	83571.
51	17592.	17592.	23739.	41331.	90122.	107714.
52	11492.	11492.	15033.	26525.	77883.	89375.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1981 1	9434.	9434.	11813.	21247.	33137.	42571.
2	8409.	8409.	10294.	18703.	31734.	40143.
3	6994.	6994.	8620.	15614.	26549.	33543.
4	6189.	6189.	7171.	13360.	21721.	27910.
5	6363.	6363.	6026.	12389.	18168.	24531.
6	6596.	6596.	5535.	12131.	15785.	22381.
7	6792.	6792.	4630.	11422.	11211.	18003.
8	7047.	7047.	4420.	11467.	11158.	18205.
9	7286.	7286.	4115.	11401.	10716.	18002.
10	7473.	7473.	3524.	10997.	8213.	15686.
11	7623.	7623.	2952.	10575.	6719.	14342.
12	7396.	7396.	2692.	10088.	5678.	13074.
13	6993.	6993.	2539.	9532.	5383.	12376.
14	6811.	6811.	2609.	9420.	5333.	12144.
15	6799.	6799.	2497.	9296.	5654.	12453.
16	6780.	6780.	2472.	9252.	6005.	12785.
17	6758.	6758.	2475.	9233.	5911.	12669.
18	6729.	6729.	2359.	9088.	6309.	13038.
19	6842.	6842.	2359.	9201.	6617.	13459.
20	6768.	6768.	2210.	8978.	5703.	12471.
21	6694.	6694.	2136.	8830.	5230.	11924.
22	6597.	6597.	2052.	8649.	4680.	11277.
23	6281.	6281.	1978.	8259.	4609.	10890.
24	6077.	6077.	1963.	8040.	4516.	10593.
25	5867.	5867.	1891.	7758.	4704.	10571.
26	5746.	5746.	1893.	7639.	5042.	10788.
27	5658.	5658.	1922.	7580.	5765.	11423.
28	5496.	5496.	1940.	7436.	6490.	11986.
29	5337.	5337.	2134.	7471.	7535.	12872.
30	5207.	5207.	3372.	8579.	11346.	16553.
31	5043.	5043.	9404.	14447.	34661.	39704.
32	5597.	5597.	21475.	27072.	66475.	72072.
33	5522.	5522.	23536.	29058.	73536.	79058.
34	5062.	5233.	21381.	26614.	73438.	78671.
35	5541.	5370.	28230.	33600.	85087.	90457.
36	3358.	8462.	27166.	35628.	81309.	89771.
37	8511.	8511.	26804.	35315.	77704.	86215.
38	8474.	8474.	34626.	43100.	99040.	107514.
39	8387.	8387.	39570.	47957.	100213.	108600.
40	7328.	7328.	37986.	45314.	86443.	93771.
41	24957.	19854.	77562.	97416.	114762.	134616.
42	36106.	36106.	59888.	95994.	151574.	187680.
43	34435.	34435.	53785.	88220.	138028.	172463.
44	36067.	36067.	55962.	92029.	129647.	165714.
45	34704.	34704.	48210.	82914.	128010.	162714.
46	37737.	37737.	58805.	96542.	161862.	199599.
47	36610.	36610.	41459.	78069.	98316.	134926.
48	29878.	29878.	37139.	67017.	91739.	121617.
49	16893.	16893.	27350.	44243.	80564.	97457.
50	13620.	13620.	20137.	33757.	55794.	69414.
51	11366.	11366.	16491.	27857.	44734.	56100.
52	9251.	9251.	12499.	21750.	32912.	42163.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1982 1	6569.	6569.	10645.	17214.	23888.	30457.
2	6190.	6190.	9810.	16000.	21396.	27586.
3	6361.	6361.	9853.	16214.	24753.	31114.
4	7376.	7376.	11195.	18571.	40881.	48257.
5	6547.	6547.	5788.	12335.	21516.	28063.
6	6745.	6745.	4901.	11646.	17773.	24518.
7	6989.	6989.	3835.	10824.	14135.	21124.
8	7184.	7184.	2882.	10066.	11254.	18438.
9	7389.	7389.	2380.	9769.	10466.	17855.
10	7647.	7647.	2101.	9748.	9958.	17605.
11	7789.	7789.	1850.	9639.	9807.	17596.
12	7555.	7555.	1799.	9354.	9314.	16869.
13	7151.	7151.	1542.	8693.	8885.	16036.
14	6979.	6979.	916.	7895.	8202.	15181.
15	6958.	6958.	1417.	8375.	7203.	14161.
16	6932.	6932.	1417.	8349.	6774.	13706.
17	6905.	6905.	1417.	8322.	6417.	13322.
18	6868.	6868.	1408.	8276.	5965.	12833.
19	6907.	6907.	1718.	8625.	5460.	12367.
20	6799.	6799.	1672.	8471.	5529.	12328.
21	6706.	6706.	1695.	8401.	5881.	12587.
22	6607.	6607.	1718.	8325.	5518.	12125.
23	6272.	6272.	1699.	7971.	4856.	11128.
24	6062.	6062.	1699.	7761.	4499.	10561.
25	5858.	5858.	1740.	7598.	3940.	9798.
26	5765.	5765.	2023.	7788.	3637.	9402.
27	5728.	5728.	2071.	7799.	3714.	9442.
28	5562.	5562.	2014.	7576.	3785.	9347.
29	5412.	5412.	2094.	7506.	4294.	9706.
30	5310.	5310.	2643.	7953.	4900.	10210.
31	5018.	5018.	3522.	8540.	6679.	11697.
32	5224.	5224.	8707.	13931.	19793.	25017.
33	5575.	5575.	17655.	23230.	41755.	47330.
34	5814.	5814.	17080.	22894.	43409.	49223.
35	5920.	5920.	25857.	31777.	49728.	55648.
36	4837.	7507.	40736.	48243.	78807.	86314.
37	5319.	7752.	35248.	43000.	83020.	90772.
38	7352.	7352.	35891.	43243.	81048.	88400.
39	7402.	7402.	42855.	50257.	99598.	107000.
40	8210.	8210.	32790.	41000.	82776.	90986.
41	21229.	16126.	34750.	50876.	79593.	95719.
42	23521.	23521.	35865.	59386.	83479.	107000.
43	26386.	26386.	51871.	78257.	111757.	138143.
44	22303.	22303.	44911.	67214.	108697.	131000.
45	15386.	15386.	34414.	49800.	89185.	104571.
46	13388.	13388.	31655.	45043.	80541.	93929.
47	11684.	11684.	26816.	38500.	69602.	81286.
48	13035.	13035.	27136.	40171.	67822.	80857.
49	12548.	12548.	25281.	37829.	70309.	82857.
50	15713.	15713.	26258.	41971.	78430.	94143.
51	24712.	24712.	51445.	76157.	149859.	174571.
52	13620.	13620.	27130.	40750.	78130.	91750.

TABLE 8 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1983 1	9491.	9491.	16609.	26100.	45466.	54957.
2	7464.	7464.	11936.	19400.	28807.	36271.
3	6225.	6225.	8737.	14962.	22752.	28977.
4	6240.	6240.	8738.	14978.	18724.	24964.
5	6334.	6334.	7683.	14017.	16097.	22431.
6	6572.	6572.	6553.	13125.	14267.	20839.
7	6816.	6816.	5756.	12572.	12685.	19501.
8	7058.	7058.	4989.	12047.	11417.	18475.
9	7299.	7299.	4551.	11850.	10051.	17350.
10	7624.	7624.	4072.	11696.	8858.	16482.
11	7779.	7779.	3787.	11566.	7801.	15580.
12	7552.	7552.	3358.	10910.	6944.	14496.
13	7156.	7156.	3455.	10611.	6640.	13796.
14	6980.	6980.	3945.	10925.	7431.	14411.
15	6931.	6931.	3218.	10149.	6261.	13192.
16	6886.	6886.	2869.	9755.	5883.	12769.
17	6850.	6850.	2817.	9667.	5946.	12796.
18	6815.	6815.	2787.	9602.	5787.	12602.
19	6802.	6802.	2745.	9547.	5917.	12719.
20	6768.	6768.	3041.	9809.	6698.	13466.
21	6726.	6726.	2844.	9570.	7287.	14013.
22	6627.	6627.	2365.	8992.	6608.	13235.
23	6280.	6280.	2119.	8399.	5890.	12170.
24	6063.	6063.	1884.	7947.	5455.	11518.
25	5848.	5848.	1695.	7543.	5223.	11071.
26	5720.	5720.	1687.	7407.	5173.	10893.
27	5640.	5640.	1816.	7456.	5202.	10842.
28	5475.	5475.	1920.	7395.	5077.	10552.
29	5322.	5322.	2304.	7626.	5290.	10612.
30	5190.	5190.	3356.	8546.	7099.	12289.
31	5135.	5135.	5733.	10868.	15690.	20825.
32	5538.	5538.	13267.	18805.	44882.	50420.
33	6055.	6055.	23024.	29079.	63110.	69165.
34	5823.	5823.	21747.	27570.	53461.	59284.
35	6291.	6291.	27704.	33995.	65290.	71581.
36	3997.	8102.	29941.	38043.	81412.	89514.
37	7358.	8356.	26329.	34685.	58201.	66557.
38	8216.	8216.	33698.	41914.	83469.	91685.
39	8223.	8223.	40406.	48629.	99249.	107472.
40	7861.	7861.	39211.	47072.	93482.	101343.
41	18182.	13079.	38068.	51147.	90839.	103918.
42	17423.	17423.	30448.	47871.	81848.	99271.
43	18801.	18801.	29270.	48071.	71813.	90614.
44	19944.	19944.	32127.	52071.	75256.	95200.
45	25388.	25388.	49812.	75200.	119755.	145143.
46	23520.	23520.	40866.	64386.	89937.	113457.
47	20778.	20778.	28422.	49200.	69036.	89814.
48	25284.	25284.	28230.	53514.	59645.	84929.
49	17691.	17691.	27509.	45200.	55938.	73629.
50	10946.	10946.	16054.	27000.	38768.	49714.
51	9644.	9644.	11927.	21571.	32527.	42171.
52	11085.	11085.	10840.	21925.	29890.	40975.

**TABLE 9**

TABLE 9

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1951 1	4521.	5777.	0.	0.	5777.	2159.2	481.	6258.
2	4029.	6027.	0.	0.	6027.	2158.5	431.	6458.
3	3518.	6302.	0.	0.	6302.	2157.4	375.	6677.
4	2007.	6695.	0.	0.	6695.	2155.6	214.	6909.
5	1248.	7038.	0.	0.	7038.	2153.4	142.	7180.
6	1176.	7423.	0.	0.	7423.	2151.1	132.	7555.
7	1103.	7812.	0.	0.	7812.	2148.2	124.	7936.
8	1042.	8164.	0.	0.	8164.	2145.0	117.	8281.
9	994.	8499.	0.	0.	8499.	2141.7	111.	8610.
10	903.	8937.	0.	0.	8937.	2138.0	126.	9063.
11	903.	9156.	0.	0.	9156.	2134.3	126.	9282.
12	903.	8887.	0.	0.	8887.	2130.7	126.	9013.
13	903.	8383.	0.	0.	8383.	2127.4	126.	8509.
14	828.	8092.	0.	0.	8092.	2124.1	100.	8192.
15	812.	8082.	0.	0.	8082.	2120.8	99.	8181.
16	812.	8084.	0.	0.	8084.	2117.6	99.	8183.
17	812.	8064.	0.	0.	8064.	2114.3	99.	8163.
18	757.	8042.	0.	0.	8042.	2111.0	92.	8134.
19	667.	8041.	0.	0.	8041.	2107.7	96.	8137.
20	667.	8013.	0.	0.	8013.	2104.4	96.	8109.
21	667.	7967.	0.	0.	7967.	2101.1	96.	8063.
22	641.	7868.	0.	0.	7868.	2097.5	91.	7959.
23	618.	7460.	0.	0.	7460.	2093.8	75.	7535.
24	618.	7178.	0.	0.	7178.	2090.4	75.	7253.
25	618.	6889.	0.	0.	6889.	2087.0	75.	6964.
26	618.	6709.	0.	0.	6709.	2083.8	75.	6784.
27	542.	6566.	0.	0.	6566.	2080.6	90.	6656.
28	700.	6340.	0.	0.	6340.	2077.6	112.	6452.
29	1071.	6069.	0.	0.	6069.	2074.9	176.	6245.
30	1861.	5695.	0.	0.	5695.	2072.9	305.	6000.
31	4923.	5270.	0.	0.	5270.	2072.7	655.	5925.
32	14338.	5048.	0.	0.	5048.	2077.6	1932.	6980.
33	15945.	5226.	0.	0.	5226.	2083.3	2149.	7375.
34	7915.	4969.	0.	0.	4969.	2084.9	1067.	6036.
35	13828.	4751.	0.	0.	4751.	2089.7	1866.	6617.
36	26696.	4516.	0.	0.	4516.	2101.3	2027.	6543.
37	19247.	4269.	0.	0.	4269.	2108.0	1461.	5730.
38	12238.	4154.	0.	0.	4154.	2111.7	930.	5084.
39	17232.	4113.	0.	0.	4113.	2117.6	1310.	5423.
40	18464.	4990.	0.	0.	4990.	2123.6	1614.	6604.
41	21682.	5016.	0.	0.	5016.	2131.1	1897.	6913.
42	20740.	5065.	0.	0.	5065.	2138.2	1816.	6881.
43	19074.	5155.	0.	0.	5155.	2144.4	1668.	6823.
44	17891.	5466.	0.	0.	5466.	2150.0	2168.	7634.
45	14413.	5586.	0.	0.	5586.	2153.4	1803.	7389.
46	15312.	5759.	0.	0.	5759.	2157.0	1917.	7676.
47	14985.	5988.	0.	0.	5988.	2160.4	1875.	7863.
48	21048.	6318.	0.	0.	6318.	2166.0	2629.	8947.
49	24531.	6620.	0.	0.	6620.	2172.8	3723.	10343.
50	15237.	7052.	0.	0.	7052.	2175.9	2313.	9365.
51	15738.	7288.	0.	0.	7288.	2179.1	2390.	9678.
52	13323.	7353.	0.	0.	7353.	2181.7	2022.	9375.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1952 1	7559.	7221.	0.	0.	7221.	2181.9	1019.	8240.
2	5055.	7534.	0.	0.	7534.	2180.9	680.	8214.
3	3674.	7877.	0.	0.	7877.	2179.3	495.	8372.
4	2855.	8369.	0.	0.	8369.	2177.2	385.	8754.
5	2793.	8797.	0.	0.	8797.	2174.9	482.	9279.
6	2609.	9279.	0.	0.	9279.	2172.4	442.	9721.
7	1928.	9765.	0.	0.	9765.	2169.4	328.	10093.
8	1908.	10205.	0.	0.	10205.	2166.3	323.	10528.
9	1761.	10624.	0.	0.	10624.	2162.9	299.	10923.
10	1489.	11171.	0.	0.	11171.	2159.2	255.	11426.
11	1489.	11445.	0.	0.	11445.	2155.5	255.	11700.
12	1489.	11109.	0.	0.	11109.	2151.8	255.	11364.
13	1489.	10479.	0.	0.	10479.	2148.1	255.	10734.
14	1329.	10115.	0.	0.	10115.	2144.1	218.	10333.
15	1299.	10103.	0.	0.	10103.	2140.2	213.	10316.
16	1299.	10105.	0.	0.	10105.	2136.2	213.	10318.
17	1299.	10080.	0.	0.	10080.	2132.3	213.	10293.
18	1069.	10053.	0.	0.	10053.	2128.2	173.	10226.
19	819.	10051.	0.	0.	10051.	2124.1	94.	10145.
20	819.	10016.	0.	0.	10016.	2119.9	94.	10110.
21	819.	9959.	0.	0.	9959.	2115.8	94.	10053.
22	784.	9835.	0.	0.	9835.	2111.8	92.	9927.
23	730.	9325.	0.	0.	9325.	2107.9	93.	9418.
24	730.	8972.	0.	0.	8972.	2104.2	93.	9065.
25	730.	8611.	0.	0.	8611.	2100.6	93.	8704.
26	730.	8386.	0.	0.	8386.	2096.7	93.	8479.
27	796.	8208.	0.	0.	8208.	2092.7	69.	8277.
28	796.	7925.	0.	0.	7925.	2088.9	69.	7994.
29	796.	7586.	0.	0.	7586.	2085.3	69.	7655.
30	796.	7119.	0.	0.	7119.	2082.0	69.	7188.
31	909.	6587.	0.	0.	6587.	2078.9	161.	6748.
32	1132.	6310.	0.	0.	6310.	2076.2	216.	6526.
33	1549.	6533.	0.	0.	6533.	2073.5	295.	6828.
34	3357.	6211.	0.	0.	6211.	2072.0	637.	6848.
35	16784.	5939.	0.	0.	5939.	2077.8	3024.	8963.
36	19892.	5645.	0.	0.	5645.	2085.4	3259.	8904.
37	28174.	5336.	0.	0.	5336.	2097.5	4614.	9950.
38	30555.	5162.	0.	0.	5162.	2109.3	5006.	10168.
39	27039.	5141.	0.	0.	5141.	2119.2	4431.	9572.
40	23527.	4990.	0.	0.	4990.	2127.5	2928.	7918.
41	16714.	5016.	0.	0.	5016.	2132.8	2082.	7098.
42	21361.	5065.	0.	0.	5065.	2140.1	2660.	7725.
43	23150.	5155.	0.	0.	5155.	2148.2	2882.	8037.
44	30727.	5466.	0.	0.	5466.	2158.1	3803.	9269.
45	19888.	5879.	0.	0.	5879.	2163.4	2684.	8563.
46	15618.	6238.	0.	0.	6238.	2167.0	2104.	8342.
47	11855.	6567.	0.	0.	6567.	2169.0	1599.	8166.
48	13935.	6634.	0.	0.	6634.	2171.7	1849.	8483.
49	15561.	6495.	0.	0.	6495.	2175.2	2532.	9027.
50	10522.	7021.	0.	0.	7021.	2176.5	1714.	8735.
51	9086.	7286.	0.	0.	7286.	2177.2	1481.	8767.
52	10876.	7291.	0.	0.	7291.	2178.8	1770.	9061.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYER RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1953 1	8559.	7221.	0.	0.	7221.	2179.3	1690.	8911.
2	7982.	7534.	0.	0.	7534.	2179.4	1575.	9109.
3	5556.	7877.	0.	0.	7877.	2178.6	1097.	8974.
4	4049.	8369.	0.	0.	8369.	2176.9	799.	9168.
5	3948.	8797.	0.	0.	8797.	2175.1	692.	9489.
6	3377.	9279.	0.	0.	9279.	2172.8	581.	9860.
7	2164.	9765.	0.	0.	9765.	2169.9	373.	10138.
8	2652.	10205.	0.	0.	10205.	2167.1	457.	10662.
9	1913.	10624.	0.	0.	10624.	2163.8	328.	10952.
10	1250.	11171.	0.	0.	11171.	2160.0	268.	11439.
11	1250.	11445.	0.	0.	11445.	2156.1	268.	11713.
12	1250.	11109.	0.	0.	11109.	2152.4	268.	11377.
13	1250.	10479.	0.	0.	10479.	2148.7	268.	10747.
14	880.	10115.	0.	0.	10115.	2144.5	196.	10311.
15	820.	10103.	0.	0.	10103.	2140.3	181.	10284.
16	820.	10105.	0.	0.	10105.	2136.2	181.	10286.
17	820.	10080.	0.	0.	10080.	2132.0	181.	10261.
18	722.	10053.	0.	0.	10053.	2127.8	160.	10213.
19	598.	10051.	0.	0.	10051.	2123.5	130.	10181.
20	598.	10016.	0.	0.	10016.	2119.3	130.	10146.
21	598.	9959.	0.	0.	9959.	2115.1	130.	10089.
22	606.	9835.	0.	0.	9835.	2111.0	131.	9966.
23	678.	9325.	0.	0.	9325.	2107.1	92.	9417.
24	678.	8972.	0.	0.	8972.	2103.3	92.	9064.
25	678.	8611.	0.	0.	8611.	2099.7	92.	8703.
26	678.	8386.	0.	0.	8386.	2095.6	92.	8478.
27	486.	8208.	0.	0.	8208.	2091.5	29.	8237.
28	486.	7925.	0.	0.	7925.	2087.5	29.	7954.
29	785.	7586.	0.	0.	7586.	2083.9	48.	7634.
30	1308.	7119.	0.	0.	7119.	2080.8	76.	7195.
31	10007.	6587.	0.	0.	6587.	2082.6	1675.	8262.
32	13666.	6310.	0.	0.	6310.	2086.6	2485.	8795.
33	12435.	6533.	0.	0.	6533.	2089.7	2261.	8794.
34	21448.	6076.	0.	0.	6076.	2097.9	3898.	9974.
35	16652.	5939.	0.	0.	5939.	2103.0	3063.	9002.
36	27821.	5405.	0.	0.	5405.	2113.1	4862.	10267.
37	21482.	5796.	0.	0.	5796.	2120.2	3755.	9551.
38	17488.	6002.	0.	0.	6002.	2125.3	3055.	9057.
39	20466.	5596.	0.	0.	5596.	2132.0	3574.	9170.
40	17377.	5988.	0.	0.	5988.	2137.2	1737.	7725.
41	15695.	6019.	0.	0.	6019.	2141.5	1567.	7586.
42	17070.	6023.	0.	0.	6023.	2146.5	1705.	7728.
43	17745.	6050.	0.	0.	6050.	2151.5	1773.	7823.
44	20931.	6060.	0.	0.	6060.	2157.1	3074.	9134.
45	17859.	5870.	0.	0.	5870.	2161.7	2716.	8586.
46	14312.	6214.	0.	0.	6214.	2164.7	2175.	8389.
47	14731.	6280.	0.	0.	6280.	2168.0	2241.	8521.
48	17519.	6259.	0.	0.	6259.	2172.2	2672.	8931.
49	14058.	6285.	0.	0.	6285.	2175.2	2991.	9276.
50	12806.	6558.	0.	0.	6558.	2177.6	2725.	9283.
51	10679.	6919.	0.	0.	6919.	2179.0	2272.	9191.
52	8137.	7303.	0.	0.	7303.	2179.3	1730.	9033.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYOR RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1954 1	6126.	7221.	0.	0.	7221.	2178.9	1294.	8515.
2	5080.	7534.	0.	0.	7534.	2178.0	1072.	8606.
3	3728.	7877.	0.	0.	7877.	2176.4	786.	8663.
4	2971.	8369.	0.	0.	8369.	2174.4	626.	8995.
5	1821.	8797.	0.	0.	8797.	2171.7	378.	9175.
6	1738.	9279.	0.	0.	9279.	2168.9	347.	9626.
7	1608.	9765.	0.	0.	9765.	2165.8	320.	10085.
8	1497.	10205.	0.	0.	10205.	2162.5	299.	10504.
9	1361.	10624.	0.	0.	10624.	2158.9	272.	10896.
10	1174.	11171.	0.	0.	11171.	2155.1	200.	11371.
11	1174.	11445.	0.	0.	11445.	2151.2	200.	11645.
12	1174.	11109.	0.	0.	11109.	2147.0	200.	11309.
13	1174.	10479.	0.	0.	10479.	2142.8	200.	10679.
14	1120.	10115.	0.	0.	10115.	2138.8	140.	10255.
15	1099.	10103.	0.	0.	10103.	2134.7	137.	10240.
16	1099.	10105.	0.	0.	10105.	2130.7	137.	10242.
17	1099.	10080.	0.	0.	10080.	2126.6	137.	10217.
18	982.	10053.	0.	0.	10053.	2122.5	123.	10176.
19	794.	10051.	0.	0.	10051.	2118.4	129.	10180.
20	794.	10016.	0.	0.	10016.	2114.2	129.	10145.
21	794.	9959.	0.	0.	9959.	2110.1	129.	10088.
22	716.	9835.	0.	0.	9835.	2106.0	118.	9953.
23	630.	9325.	0.	0.	9325.	2102.1	88.	9413.
24	630.	8972.	0.	0.	8972.	2098.0	88.	9060.
25	630.	8611.	0.	0.	8611.	2093.8	88.	8699.
26	630.	8386.	0.	0.	8386.	2089.7	88.	8474.
27	506.	8208.	0.	0.	8208.	2085.6	79.	8287.
28	506.	7925.	0.	0.	7925.	2081.6	79.	8004.
29	870.	7586.	0.	0.	7586.	2078.0	136.	7722.
30	930.	7119.	0.	0.	7119.	2074.7	146.	7265.
31	4308.	6587.	0.	0.	6587.	2073.5	1280.	7867.
32	8521.	6310.	0.	0.	6310.	2074.7	2613.	8923.
33	13802.	6100.	0.	0.	6100.	2078.8	4233.	10333.
34	15823.	5673.	0.	0.	5673.	2084.2	4851.	10524.
35	14807.	5703.	0.	0.	5703.	2089.1	4594.	10297.
36	19799.	5645.	0.	0.	5645.	2096.6	3646.	9291.
37	19022.	5336.	0.	0.	5336.	2103.3	3503.	8839.
38	18245.	5193.	0.	0.	5193.	2109.1	3358.	8551.
39	22178.	5141.	0.	0.	5141.	2116.8	4084.	9225.
40	19307.	4990.	0.	0.	4990.	2123.2	2306.	7296.
41	15396.	5016.	0.	0.	5016.	2127.9	1841.	6857.
42	14981.	5065.	0.	0.	5065.	2132.4	1790.	6855.
43	14981.	5155.	0.	0.	5155.	2136.8	1790.	6945.
44	24614.	5136.	0.	0.	5136.	2145.6	4396.	9532.
45	20049.	5517.	0.	0.	5517.	2151.8	3574.	9091.
46	20049.	5605.	0.	0.	5605.	2157.3	3574.	9179.
47	20049.	5694.	0.	0.	5694.	2162.7	3574.	9268.
48	18930.	5937.	0.	0.	5937.	2167.6	3420.	9357.
49	11256.	6289.	0.	0.	6289.	2169.5	3032.	9321.
50	9676.	6641.	0.	0.	6641.	2170.7	2606.	9247.
51	9025.	6881.	0.	0.	6881.	2171.5	2431.	9312.
52	5793.	7353.	0.	0.	7353.	2170.8	1562.	8915.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1955 1	4746.	5777.	0.	0.	5777.	2170.4	1207.	6984.
2	4461.	6027.	0.	0.	6027.	2169.8	1132.	7159.
3	3359.	6302.	0.	0.	6302.	2168.7	852.	7154.
4	3359.	6695.	0.	0.	6695.	2167.4	852.	7547.
5	2716.	7038.	0.	0.	7038.	2165.8	600.	7638.
6	2156.	7423.	0.	0.	7423.	2163.8	481.	7904.
7	2032.	7812.	0.	0.	7812.	2161.6	455.	8267.
8	1796.	8164.	0.	0.	8164.	2159.2	401.	8565.
9	1756.	8499.	0.	0.	8499.	2156.6	384.	8883.
10	1657.	8937.	0.	0.	8937.	2153.9	338.	9275.
11	1624.	9156.	0.	0.	9156.	2151.0	332.	9488.
12	1431.	8887.	0.	0.	8887.	2147.8	292.	9179.
13	1431.	8383.	0.	0.	8383.	2144.7	292.	8675.
14	1546.	10115.	0.	0.	10115.	2140.9	292.	10407.
15	1561.	10103.	0.	0.	10103.	2137.0	294.	10397.
16	1338.	10105.	0.	0.	10105.	2133.1	251.	10356.
17	1249.	10080.	0.	0.	10080.	2129.1	234.	10314.
18	1179.	10053.	0.	0.	10053.	2125.1	222.	10275.
19	1052.	10051.	0.	0.	10051.	2121.1	228.	10279.
20	1052.	10016.	0.	0.	10016.	2117.0	228.	10244.
21	1052.	9959.	0.	0.	9959.	2113.0	228.	10187.
22	949.	9835.	0.	0.	9835.	2109.0	204.	10039.
23	879.	9325.	0.	0.	9325.	2105.2	131.	9456.
24	879.	8972.	0.	0.	8972.	2101.6	131.	9103.
25	879.	8611.	0.	0.	8611.	2097.8	131.	8742.
26	879.	8386.	0.	0.	8386.	2093.8	131.	8517.
27	828.	8208.	0.	0.	8208.	2089.8	134.	8342.
28	828.	7925.	0.	0.	7925.	2086.1	134.	8059.
29	828.	7586.	0.	0.	7586.	2082.5	134.	7720.
30	828.	7119.	0.	0.	7119.	2079.1	134.	7253.
31	2519.	6587.	0.	0.	6587.	2076.9	618.	7205.
32	3321.	6310.	0.	0.	6310.	2075.3	829.	7139.
33	3882.	6533.	0.	0.	6533.	2073.9	967.	7500.
34	11626.	6211.	0.	0.	6211.	2076.8	2894.	9105.
35	12771.	5939.	0.	0.	5939.	2080.5	3183.	9122.
36	17007.	5645.	0.	0.	5645.	2086.5	2116.	7761.
37	27727.	5336.	0.	0.	5336.	2098.4	3448.	8784.
38	30081.	5193.	0.	0.	5193.	2109.9	3741.	8934.
39	28168.	5141.	0.	0.	5141.	2120.2	3505.	8646.
40	29660.	4990.	0.	0.	4990.	2131.3	3134.	8124.
41	24776.	5740.	0.	0.	5740.	2139.9	2618.	8358.
42	19124.	5853.	0.	0.	5853.	2145.8	2021.	7874.
43	22869.	5871.	0.	0.	5871.	2153.0	2413.	8284.
44	20805.	5933.	0.	0.	5933.	2158.6	1298.	7231.
45	19270.	5934.	0.	0.	5934.	2163.7	1163.	7097.
46	19771.	6132.	0.	0.	6132.	2168.8	1194.	7326.
47	24039.	6396.	0.	0.	6396.	2175.5	1449.	7845.
48	34146.	7953.	0.	1313.	9266.	2185.0	2045.	11311.
49	17921.	9268.	0.	8653.	17921.	2185.0	688.	18609.
50	13691.	9873.	0.	3818.	13691.	2185.0	528.	14219.
51	11128.	10203.	0.	925.	11128.	2185.0	427.	11555.
52	8763.	8763.	0.	0.	8763.	2185.0	337.	9100.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1956 1	6059.	8150.	0.	0.	8150.	2184.2	809.	8959.
2	4461.	8675.	0.	0.	8675.	2182.6	594.	9269.
3	3633.	7877.	0.	0.	7877.	2181.0	484.	8361.
4	3129.	8369.	0.	0.	8369.	2179.0	418.	8787.
5	2062.	8797.	0.	0.	8797.	2176.4	263.	9060.
6	1721.	9279.	0.	0.	9279.	2173.6	217.	9496.
7	1581.	9765.	0.	0.	9765.	2170.5	200.	9965.
8	1393.	10205.	0.	0.	10205.	2167.1	177.	10382.
9	1306.	10624.	0.	0.	10624.	2163.6	164.	10788.
10	1027.	11171.	0.	0.	11171.	2159.7	170.	11341.
11	1027.	11445.	0.	0.	11445.	2155.8	170.	11615.
12	1027.	11109.	0.	0.	11109.	2151.9	170.	11279.
13	1027.	10479.	0.	0.	10479.	2148.0	170.	10649.
14	848.	10115.	0.	0.	10115.	2143.9	110.	10225.
15	810.	10103.	0.	0.	10103.	2139.7	103.	10206.
16	810.	10105.	0.	0.	10105.	2135.5	103.	10208.
17	810.	10080.	0.	0.	10080.	2131.3	103.	10183.
18	809.	10053.	0.	0.	10053.	2127.2	105.	10158.
19	750.	10051.	0.	0.	10051.	2123.0	142.	10193.
20	750.	10016.	0.	0.	10016.	2118.8	142.	10158.
21	750.	9959.	0.	0.	9959.	2114.7	142.	10101.
22	739.	9835.	0.	0.	9835.	2110.6	140.	9975.
23	689.	9325.	0.	0.	9325.	2106.7	160.	9485.
24	689.	8972.	0.	0.	8972.	2103.0	160.	9132.
25	689.	8611.	0.	0.	8611.	2099.3	160.	8771.
26	689.	8386.	0.	0.	8386.	2095.2	160.	8546.
27	641.	8208.	0.	0.	8208.	2091.2	129.	8337.
28	641.	7925.	0.	0.	7925.	2087.3	129.	8054.
29	641.	7586.	0.	0.	7586.	2083.6	129.	7715.
30	641.	7119.	0.	0.	7119.	2080.2	129.	7248.
31	1798.	6587.	0.	0.	6587.	2077.6	422.	7009.
32	8483.	6310.	0.	0.	6310.	2078.8	1972.	8282.
33	12106.	6533.	0.	0.	6533.	2081.7	2816.	9349.
34	24085.	5279.	0.	0.	5279.	2091.8	5602.	10881.
35	15966.	5939.	0.	0.	5939.	2097.1	3794.	9733.
36	27294.	5645.	0.	0.	5645.	2107.3	3880.	9525.
37	35522.	5189.	0.	0.	5189.	2120.9	5051.	10240.
38	26081.	5677.	0.	0.	5677.	2130.1	3709.	9386.
39	22994.	5713.	0.	0.	5713.	2137.9	3269.	8982.
40	24335.	5520.	0.	0.	5520.	2146.3	3071.	8591.
41	26536.	5332.	0.	0.	5332.	2155.0	3349.	8681.
42	26799.	5262.	0.	0.	5262.	2163.1	3382.	8644.
43	26153.	5285.	0.	0.	5285.	2171.1	3301.	8586.
44	24666.	5026.	0.	0.	5026.	2178.5	4364.	9390.
45	22447.	5424.	0.	0.	5424.	2185.0	4063.	9487.
46	20285.	8063.	0.	12222.	20285.	2185.0	3671.	23956.
47	16173.	8383.	0.	7790.	16173.	2185.0	2926.	19099.
48	13792.	8845.	0.	4947.	13792.	2185.0	2514.	16306.
49	11446.	9268.	0.	2178.	11446.	2185.0	2893.	14339.
50	16046.	9873.	0.	6173.	16046.	2185.0	4055.	20101.
51	15637.	10203.	0.	5434.	15637.	2185.0	3951.	19588.
52	10015.	10015.	0.	0.	10015.	2185.0	2532.	12547.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1957 1	5279.	7928.	0.	0.	7928.	2184.0	1298.	9226.
2	5279.	8355.	0.	0.	8355.	2182.8	1298.	9653.
3	3583.	8975.	0.	0.	8975.	2180.8	879.	9854.
4	3300.	8369.	0.	0.	8369.	2178.9	810.	9179.
5	2789.	8797.	0.	0.	8797.	2176.6	610.	9407.
6	2342.	9279.	0.	0.	9279.	2173.9	513.	9792.
7	2247.	9765.	0.	0.	9765.	2171.1	493.	10258.
8	2123.	10205.	0.	0.	10205.	2168.0	464.	10669.
9	2035.	10624.	0.	0.	10624.	2164.7	436.	11060.
10	1908.	11171.	0.	0.	11171.	2161.2	305.	11476.
11	1852.	11445.	0.	0.	11445.	2157.6	295.	11740.
12	1509.	11109.	0.	0.	11109.	2153.9	242.	11351.
13	1509.	10479.	0.	0.	10479.	2150.5	242.	10721.
14	1399.	11249.	0.	0.	11249.	2146.2	215.	11464.
15	1378.	11241.	0.	0.	11241.	2141.8	210.	11451.
16	1378.	11225.	0.	0.	11225.	2137.3	210.	11435.
17	1378.	11209.	0.	0.	11209.	2132.9	210.	11419.
18	1310.	11189.	0.	0.	11189.	2128.5	199.	11388.
19	1193.	11217.	0.	0.	11217.	2124.0	203.	11420.
20	1193.	11171.	0.	0.	11171.	2119.5	203.	11374.
21	1193.	11125.	0.	0.	11125.	2115.0	203.	11328.
22	1079.	11014.	0.	0.	11014.	2110.5	184.	11198.
23	920.	10507.	0.	0.	10507.	2106.2	168.	10675.
24	920.	10165.	0.	0.	10165.	2102.1	168.	10333.
25	920.	9821.	0.	0.	9821.	2097.7	168.	9989.
26	920.	9632.	0.	0.	9632.	2093.1	168.	9800.
27	837.	9513.	0.	0.	9513.	2088.4	137.	9650.
28	837.	9260.	0.	0.	9260.	2084.0	137.	9397.
29	837.	9002.	0.	0.	9002.	2079.6	137.	9139.
30	837.	8543.	0.	0.	8543.	2075.5	137.	8680.
31	2452.	7904.	0.	0.	7904.	2072.6	546.	8450.
32	4269.	7572.	0.	0.	7572.	2070.8	971.	8543.
33	6969.	6533.	0.	0.	6533.	2071.1	1588.	8121.
34	15611.	6211.	0.	0.	6211.	2076.1	3559.	9770.
35	23050.	5465.	0.	0.	5465.	2085.5	5136.	10601.
36	31747.	5645.	0.	0.	5645.	2099.4	3742.	9387.
37	28053.	5336.	0.	0.	5336.	2109.7	3306.	8642.
38	24892.	5193.	0.	0.	5193.	2118.5	2933.	8126.
39	17043.	5141.	0.	0.	5141.	2123.9	2009.	7150.
40	19864.	4990.	0.	0.	4990.	2130.6	2131.	7121.
41	18252.	6019.	0.	0.	6019.	2136.1	1957.	7976.
42	20463.	6078.	0.	0.	6078.	2142.5	2195.	8273.
43	22198.	6185.	0.	0.	6185.	2149.7	2383.	8568.
44	17659.	6152.	0.	0.	6152.	2154.2	2111.	8263.
45	17664.	6164.	0.	0.	6164.	2158.5	2107.	8271.
46	17568.	6262.	0.	0.	6262.	2162.8	2095.	8357.
47	16111.	6435.	0.	0.	6435.	2166.5	1920.	8355.
48	17804.	6505.	0.	0.	6505.	2170.8	2149.	8654.
49	14143.	6244.	0.	0.	6244.	2173.8	3094.	9338.
50	15435.	6265.	0.	0.	6265.	2177.3	3378.	9643.
51	15008.	6456.	0.	0.	6456.	2180.5	3284.	9740.
52	14415.	6643.	0.	0.	6643.	2183.9	3152.	9795.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1958 1	7628.	7221.	0.	0.	7221.	2184.0	1775.	8996.
2	6544.	7534.	0.	0.	7534.	2183.7	1523.	9057.
3	5337.	7877.	0.	0.	7877.	2182.7	1242.	9119.
4	5503.	8369.	0.	0.	8369.	2181.6	1281.	9650.
5	3997.	8797.	0.	0.	8797.	2179.8	888.	9685.
6	3287.	9279.	0.	0.	9279.	2177.5	734.	10013.
7	2815.	9765.	0.	0.	9765.	2174.9	628.	10393.
8	2314.	11200.	0.	0.	11200.	2171.5	517.	11717.
9	2637.	11569.	0.	0.	11569.	2168.1	584.	12153.
10	2991.	11967.	0.	0.	11967.	2164.7	877.	12844.
11	2551.	12285.	0.	0.	12285.	2161.0	749.	13034.
12	1902.	12022.	0.	0.	12022.	2157.2	558.	12580.
13	1544.	11434.	0.	0.	11434.	2153.4	454.	11888.
14	1839.	11142.	0.	0.	11142.	2149.8	389.	11531.
15	1614.	11147.	0.	0.	11147.	2145.6	339.	11486.
16	1408.	11148.	0.	0.	11148.	2141.2	295.	11443.
17	1332.	11139.	0.	0.	11139.	2136.8	279.	11418.
18	1101.	11138.	0.	0.	11138.	2132.3	230.	11368.
19	1152.	11190.	0.	0.	11190.	2127.7	181.	11371.
20	1038.	11154.	0.	0.	11154.	2123.2	163.	11317.
21	959.	11114.	0.	0.	11114.	2118.6	150.	11264.
22	959.	10995.	0.	0.	10995.	2114.1	152.	11147.
23	1024.	10499.	0.	0.	10499.	2109.8	114.	10613.
24	1000.	10160.	0.	0.	10160.	2105.7	110.	10270.
25	939.	9819.	0.	0.	9819.	2101.7	103.	9922.
26	939.	9628.	0.	0.	9628.	2097.4	103.	9731.
27	950.	9483.	0.	0.	9483.	2092.9	121.	9604.
28	1063.	9223.	0.	0.	9223.	2088.5	135.	9358.
29	1153.	8960.	0.	0.	8960.	2084.4	146.	9106.
30	1398.	8543.	0.	0.	8543.	2080.6	177.	8720.
31	3001.	7904.	0.	0.	7904.	2078.0	550.	8454.
32	5917.	7572.	0.	0.	7572.	2077.1	1133.	8705.
33	8267.	7407.	0.	0.	7407.	2077.5	1582.	8989.
34	15742.	6588.	0.	0.	6588.	2082.4	3010.	9598.
35	16842.	6413.	0.	0.	6413.	2088.0	3161.	9574.
36	24642.	6642.	0.	0.	6642.	2097.5	2474.	9116.
37	24642.	6403.	0.	0.	6403.	2106.1	2474.	8877.
38	21247.	6232.	0.	0.	6232.	2112.9	2134.	8366.
39	19363.	6169.	0.	0.	6169.	2118.8	1941.	8110.
40	18442.	4990.	0.	0.	4990.	2124.9	1806.	6796.
41	18442.	5016.	0.	0.	5016.	2130.9	1806.	6822.
42	18442.	5065.	0.	0.	5065.	2136.9	1806.	6871.
43	18082.	5155.	0.	0.	5155.	2142.7	1769.	6924.
44	32829.	5466.	0.	0.	5466.	2154.3	3998.	9464.
45	23946.	5586.	0.	0.	5586.	2161.2	3051.	8637.
46	17783.	5759.	0.	0.	5759.	2165.8	2265.	8024.
47	14415.	5988.	0.	0.	5988.	2169.0	1836.	7824.
48	9969.	6318.	0.	0.	6318.	2170.4	1270.	7588.
49	6605.	6620.	0.	0.	6620.	2170.4	1132.	7752.
50	6605.	7052.	0.	0.	7052.	2170.2	1132.	8184.
51	5128.	7288.	0.	0.	7288.	2169.4	880.	8168.
52	5129.	5882.	0.	0.	5882.	2169.1	878.	6760.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYER RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1959 1	4604.	5777.	0.	0.	5777.	2168.6	936.	6713.
2	4050.	6027.	0.	0.	6027.	2167.9	823.	6850.
3	3875.	6302.	0.	0.	6302.	2166.9	787.	7089.
4	2689.	6695.	0.	0.	6695.	2165.4	547.	7242.
5	2392.	7038.	0.	0.	7038.	2163.7	378.	7416.
6	2068.	7423.	0.	0.	7423.	2161.6	320.	7743.
7	1760.	7812.	0.	0.	7812.	2159.3	275.	8087.
8	1352.	8164.	0.	0.	8164.	2156.7	211.	8375.
9	1215.	8499.	0.	0.	8499.	2154.0	190.	8689.
10	797.	8937.	0.	0.	8937.	2150.9	188.	9125.
11	879.	9156.	0.	0.	9156.	2147.3	207.	9363.
12	1375.	8887.	0.	0.	8887.	2143.9	324.	9211.
13	1375.	8383.	0.	0.	8383.	2140.8	324.	8707.
14	1150.	8092.	0.	0.	8092.	2137.7	253.	8345.
15	1109.	8082.	0.	0.	8082.	2134.5	242.	8324.
16	1056.	8084.	0.	0.	8084.	2131.4	232.	8316.
17	1035.	8064.	0.	0.	8064.	2128.2	227.	8291.
18	1051.	8042.	0.	0.	8042.	2125.1	225.	8267.
19	1027.	10051.	0.	0.	10051.	2121.0	251.	10302.
20	984.	10016.	0.	0.	10016.	2116.9	242.	10258.
21	879.	9959.	0.	0.	9959.	2112.9	217.	10176.
22	797.	9835.	0.	0.	9835.	2108.8	200.	10035.
23	683.	9325.	0.	0.	9325.	2104.9	182.	9507.
24	683.	8972.	0.	0.	8972.	2101.2	182.	9154.
25	683.	8611.	0.	0.	8611.	2097.2	182.	8793.
26	683.	8386.	0.	0.	8386.	2093.1	182.	8568.
27	666.	8208.	0.	0.	8208.	2089.1	165.	8373.
28	666.	7925.	0.	0.	7925.	2085.2	165.	8090.
29	952.	7586.	0.	0.	7586.	2081.7	235.	7821.
30	999.	7119.	0.	0.	7119.	2078.4	247.	7366.
31	1801.	6587.	0.	0.	6587.	2075.9	670.	7257.
32	2951.	6310.	0.	0.	6310.	2074.1	1092.	7402.
33	12604.	5895.	0.	0.	5895.	2077.6	4657.	10552.
34	17856.	4814.	0.	0.	4814.	2084.6	6599.	11413.
35	14298.	5329.	0.	0.	5329.	2089.4	5354.	10683.
36	20496.	5645.	0.	0.	5645.	2097.3	3364.	9009.
37	15311.	5336.	0.	0.	5336.	2102.2	2511.	7847.
38	18247.	5193.	0.	0.	5193.	2108.1	2992.	8185.
39	20418.	5141.	0.	0.	5141.	2114.9	3351.	8492.
40	21688.	4990.	0.	0.	4990.	2122.4	2957.	7947.
41	20819.	5016.	0.	0.	5016.	2129.5	2840.	7856.
42	22556.	5065.	0.	0.	5065.	2137.4	3076.	8141.
43	17816.	5155.	0.	0.	5155.	2143.1	2429.	7584.
44	18373.	5466.	0.	0.	5466.	2148.9	3570.	9036.
45	14392.	5586.	0.	0.	5586.	2152.4	2796.	8382.
46	18474.	5597.	0.	0.	5597.	2157.3	3590.	9187.
47	34121.	4275.	0.	0.	4275.	2168.6	6635.	10910.
48	33290.	4508.	0.	0.	4508.	2179.6	6473.	10981.
49	20953.	6620.	0.	72.	6692.	2185.0	4882.	11574.
50	10824.	8462.	0.	2362.	10824.	2185.0	2525.	13349.
51	8131.	8131.	0.	0.	8131.	2185.0	1895.	10026.
52	7669.	7669.	0.	0.	7669.	2185.0	1790.	9459.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1960 1	8534.	8534.	0.	0.	8534.	2185.0	1473.	10007.
2	5896.	8476.	0.	0.	8476.	2184.0	1017.	9493.
3	3243.	9113.	0.	0.	9113.	2181.8	560.	9673.
4	4051.	8369.	0.	0.	8369.	2180.1	700.	9069.
5	2692.	8797.	0.	0.	8797.	2177.8	500.	9297.
6	2292.	9279.	0.	0.	9279.	2175.2	424.	9703.
7	2194.	9765.	0.	0.	9765.	2172.3	405.	10170.
8	2064.	10205.	0.	0.	10205.	2169.2	380.	10585.
9	1962.	11692.	0.	0.	11692.	2165.5	360.	12052.
10	1656.	12239.	0.	0.	12239.	2161.5	339.	12578.
11	1656.	12505.	0.	0.	12505.	2157.4	339.	12844.
12	1656.	12156.	0.	0.	12156.	2153.4	339.	12495.
13	1656.	11518.	0.	0.	11518.	2149.6	339.	11857.
14	1541.	11209.	0.	0.	11209.	2145.2	316.	11525.
15	1523.	11202.	0.	0.	11202.	2140.9	312.	11514.
16	1360.	11202.	0.	0.	11202.	2136.4	277.	11479.
17	1295.	11192.	0.	0.	11192.	2132.0	264.	11456.
18	1227.	11176.	0.	0.	11176.	2127.5	247.	11423.
19	1175.	11226.	0.	0.	11226.	2123.0	203.	11429.
20	1152.	11183.	0.	0.	11183.	2118.5	199.	11382.
21	1097.	11141.	0.	0.	11141.	2114.0	189.	11330.
22	1062.	11024.	0.	0.	11024.	2109.5	185.	11209.
23	1041.	10518.	0.	0.	10518.	2105.2	164.	10682.
24	996.	10180.	0.	0.	10180.	2101.1	156.	10336.
25	882.	9846.	0.	0.	9846.	2096.5	137.	9983.
26	882.	9657.	0.	0.	9657.	2091.8	137.	9794.
27	694.	9543.	0.	0.	9543.	2087.1	96.	9639.
28	694.	9291.	0.	0.	9291.	2082.6	96.	9387.
29	910.	9019.	0.	0.	9019.	2078.2	125.	9144.
30	945.	8543.	0.	0.	8543.	2074.2	132.	8675.
31	4703.	7904.	0.	0.	7904.	2072.5	642.	8546.
32	6668.	6310.	0.	0.	6310.	2072.7	898.	7208.
33	12886.	6533.	0.	0.	6533.	2076.1	1731.	8264.
34	20055.	6211.	0.	0.	6211.	2083.4	2695.	8906.
35	20716.	5939.	0.	0.	5939.	2091.3	2808.	8747.
36	11838.	5645.	0.	0.	5645.	2094.6	1290.	6935.
37	12275.	5336.	0.	0.	5336.	2098.3	1335.	6671.
38	12710.	5193.	0.	0.	5193.	2101.9	1383.	6576.
39	13971.	5141.	0.	0.	5141.	2105.9	1520.	6661.
40	19936.	4990.	0.	0.	4990.	2112.6	2220.	7210.
41	14780.	5016.	0.	0.	5016.	2117.0	1646.	6662.
42	17003.	4052.	0.	0.	4052.	2122.9	1895.	5947.
43	23312.	4124.	0.	0.	4124.	2131.5	2599.	6723.
44	26487.	4373.	0.	0.	4373.	2141.4	3567.	7940.
45	20467.	4469.	0.	0.	4469.	2148.6	2937.	7406.
46	18086.	4607.	0.	0.	4607.	2154.0	2595.	7202.
47	17477.	4790.	0.	0.	4790.	2158.8	2507.	7297.
48	16811.	5054.	0.	0.	5054.	2163.2	2415.	7469.
49	14281.	5296.	0.	0.	5296.	2166.7	2542.	7838.
50	22570.	5642.	0.	0.	5642.	2173.1	4016.	9658.
51	15996.	5830.	0.	0.	5830.	2176.9	2848.	8678.
52	11980.	5882.	0.	0.	5882.	2179.6	2132.	8014.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1961 1	9778.	5777.	0.	0.	5777.	2181.1	1813.	7590.
2	7102.	6027.	0.	0.	6027.	2181.5	1316.	7343.
3	5050.	7877.	0.	0.	7877.	2180.4	936.	8813.
4	3678.	8369.	0.	0.	8369.	2178.7	682.	9051.
5	2753.	8797.	0.	0.	8797.	2176.4	516.	9313.
6	2516.	9279.	0.	0.	9279.	2173.8	465.	9744.
7	2319.	9765.	0.	0.	9765.	2171.0	430.	10195.
8	2058.	10205.	0.	0.	10205.	2167.9	381.	10586.
9	2118.	10624.	0.	0.	10624.	2164.6	390.	11014.
10	2126.	11171.	0.	0.	11171.	2161.2	508.	11679.
11	2085.	11445.	0.	0.	11445.	2157.7	498.	11943.
12	1833.	11109.	0.	0.	11109.	2154.1	438.	11547.
13	1833.	11465.	0.	0.	11465.	2150.5	438.	11903.
14	1776.	11146.	0.	0.	11146.	2146.3	435.	11581.
15	1773.	11136.	0.	0.	11136.	2142.1	430.	11566.
16	1825.	11111.	0.	0.	11111.	2138.0	443.	11554.
17	1846.	11090.	0.	0.	11090.	2133.8	448.	11538.
18	1601.	11091.	0.	0.	11091.	2129.5	387.	11478.
19	1317.	11166.	0.	0.	11166.	2125.1	287.	11453.
20	1297.	11122.	0.	0.	11122.	2120.7	281.	11403.
21	1246.	11081.	0.	0.	11081.	2116.3	270.	11351.
22	1181.	10963.	0.	0.	10963.	2111.9	265.	11228.
23	1097.	10452.	0.	0.	10452.	2107.7	255.	10707.
24	1222.	10096.	0.	0.	10096.	2103.7	283.	10379.
25	1535.	9713.	0.	0.	9713.	2100.0	356.	10069.
26	1535.	9519.	0.	0.	9519.	2095.7	356.	9875.
27	1617.	9370.	0.	0.	9370.	2091.6	379.	9749.
28	1617.	9113.	0.	0.	9113.	2087.6	379.	9492.
29	1783.	8832.	0.	0.	8832.	2083.9	418.	9250.
30	1811.	8543.	0.	0.	8543.	2080.3	424.	8967.
31	5580.	7900.	0.	0.	7900.	2079.0	1001.	8901.
32	10306.	7383.	0.	0.	7383.	2080.6	1795.	9178.
33	17834.	6617.	0.	0.	6617.	2086.6	3106.	9723.
34	16989.	6559.	0.	0.	6559.	2092.1	2958.	9517.
35	15795.	6520.	0.	0.	6520.	2097.1	2833.	9353.
36	14578.	6473.	0.	0.	6473.	2101.2	2747.	9220.
37	23810.	5501.	0.	0.	5501.	2109.4	4488.	9989.
38	29749.	4822.	0.	0.	4822.	2120.6	5608.	10430.
39	24996.	5074.	0.	0.	5074.	2129.6	4712.	9786.
40	18341.	5620.	0.	0.	5620.	2135.3	2958.	8578.
41	19253.	5499.	0.	0.	5499.	2141.5	3104.	8603.
42	19937.	5395.	0.	0.	5395.	2148.0	3213.	8608.
43	20655.	5333.	0.	0.	5333.	2154.1	3329.	8662.
44	22581.	6175.	0.	0.	6175.	2160.4	2011.	8186.
45	23083.	6192.	0.	0.	6192.	2166.8	1978.	8170.
46	19710.	6325.	0.	0.	6325.	2171.9	1689.	8014.
47	18708.	6455.	0.	0.	6455.	2176.5	1602.	8057.
48	13842.	6648.	0.	0.	6648.	2179.3	1211.	7859.
49	9309.	7146.	0.	0.	7146.	2180.1	1953.	9099.
50	10560.	6768.	0.	0.	6768.	2181.5	2218.	8986.
51	10059.	6974.	0.	0.	6974.	2182.7	2110.	9084.
52	10131.	7103.	0.	0.	7103.	2184.0	2125.	9228.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	WATANA VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1962 1	8304.	7840.	0.	0.	7840.	2184.2	1497.	9337.
2	3663.	8645.	0.	0.	8645.	2182.3	661.	9306.
3	3663.	7877.	0.	0.	7877.	2180.7	661.	8538.
4	3663.	8369.	0.	0.	8369.	2178.9	661.	9030.
5	2910.	8797.	0.	0.	8797.	2176.7	364.	9161.
6	2187.	9279.	0.	0.	9279.	2174.0	271.	9550.
7	2187.	9765.	0.	0.	9765.	2171.1	271.	10036.
8	2187.	10205.	0.	0.	10205.	2168.1	271.	10476.
9	2067.	10624.	0.	0.	10624.	2164.8	254.	10878.
10	1742.	11171.	0.	0.	11171.	2161.2	218.	11389.
11	1742.	11445.	0.	0.	11445.	2157.5	218.	11663.
12	1742.	11109.	0.	0.	11109.	2154.0	218.	11327.
13	1742.	10479.	0.	0.	10479.	2150.7	218.	10697.
14	1645.	11258.	0.	0.	11258.	2146.5	192.	11450.
15	1626.	11248.	0.	0.	11248.	2142.1	189.	11437.
16	1626.	11231.	0.	0.	11231.	2137.8	189.	11420.
17	1626.	11214.	0.	0.	11214.	2133.5	189.	11403.
18	1462.	11196.	0.	0.	11196.	2129.1	172.	11368.
19	1237.	11233.	0.	0.	11233.	2124.6	155.	11388.
20	1237.	11187.	0.	0.	11187.	2120.1	155.	11342.
21	1237.	11141.	0.	0.	11141.	2115.7	155.	11296.
22	1207.	11022.	0.	0.	11022.	2111.3	152.	11174.
23	1174.	10512.	0.	0.	10512.	2107.1	142.	10654.
24	1174.	10169.	0.	0.	10169.	2103.0	142.	10311.
25	1174.	9824.	0.	0.	9824.	2099.0	142.	9966.
26	1174.	9633.	0.	0.	9633.	2094.5	142.	9775.
27	1335.	9493.	0.	0.	9493.	2090.1	151.	9644.
28	1335.	9237.	0.	0.	9237.	2085.9	151.	9388.
29	1335.	8978.	0.	0.	8978.	2081.9	151.	9129.
30	1335.	8543.	0.	0.	8543.	2078.0	151.	8694.
31	3165.	7904.	0.	0.	7904.	2075.5	226.	8130.
32	3896.	7572.	0.	0.	7572.	2073.5	277.	7849.
33	10571.	7840.	0.	0.	7840.	2075.0	754.	8594.
34	15580.	7453.	0.	0.	7453.	2079.3	1110.	8563.
35	25042.	7098.	0.	0.	7098.	2088.9	1780.	8878.
36	25502.	6197.	0.	0.	6197.	2099.2	3374.	9571.
37	49464.	4493.	0.	0.	4493.	2119.5	6546.	11039.
38	42296.	4774.	0.	0.	4774.	2136.4	5595.	10369.
39	29941.	5351.	0.	0.	5351.	2147.5	3961.	9312.
40	24659.	5980.	0.	0.	5980.	2154.9	1504.	7484.
41	24076.	5870.	0.	0.	5870.	2161.9	1467.	7337.
42	20979.	5685.	0.	0.	5685.	2167.7	1279.	6964.
43	24659.	5810.	0.	0.	5810.	2174.8	1504.	7314.
44	22051.	6570.	0.	0.	6570.	2180.7	2563.	9133.
45	19487.	7820.	0.	370.	8190.	2185.0	2312.	10502.
46	19487.	8063.	0.	11424.	19487.	2185.0	2312.	21799.
47	19487.	8383.	0.	11104.	19487.	2185.0	2312.	21799.
48	19844.	8845.	0.	10999.	19844.	2185.0	2365.	22209.
49	18961.	9268.	0.	9693.	18961.	2185.0	3047.	22008.
50	11972.	9873.	0.	2099.	11972.	2185.0	1927.	13899.
51	9699.	9699.	0.	0.	9699.	2185.0	1558.	11257.
52	9763.	9763.	0.	0.	9763.	2185.0	1569.	11332.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1963 1	7677.	8034.	0.	0.	8034.	2184.9	1060.	9094.
2	5846.	8572.	0.	0.	8572.	2183.8	807.	9379.
3	5094.	9047.	0.	0.	9047.	2182.3	703.	9750.
4	4603.	9510.	0.	0.	9510.	2180.5	635.	10145.
5	3273.	8797.	0.	0.	8797.	2178.4	249.	9046.
6	2427.	9279.	0.	0.	9279.	2175.8	180.	9459.
7	2427.	9765.	0.	0.	9765.	2173.0	180.	9945.
8	2427.	10205.	0.	0.	10205.	2170.0	180.	10385.
9	2243.	11773.	0.	0.	11773.	2166.4	167.	11940.
10	1684.	12301.	0.	0.	12301.	2162.4	188.	12489.
11	1684.	12567.	0.	0.	12567.	2158.2	188.	12755.
12	1684.	12218.	0.	0.	12218.	2154.2	188.	12406.
13	1684.	11581.	0.	0.	11581.	2150.5	188.	11769.
14	1346.	11259.	0.	0.	11259.	2146.1	194.	11453.
15	1303.	11253.	0.	0.	11253.	2141.6	187.	11440.
16	1303.	11237.	0.	0.	11237.	2137.2	187.	11424.
17	1303.	11222.	0.	0.	11222.	2132.7	187.	11409.
18	1284.	11200.	0.	0.	11200.	2128.2	181.	11381.
19	1203.	11215.	0.	0.	11215.	2123.7	211.	11426.
20	1203.	11169.	0.	0.	11169.	2119.3	211.	11380.
21	1203.	11123.	0.	0.	11123.	2114.8	211.	11334.
22	1015.	11021.	0.	0.	11021.	2110.3	173.	11194.
23	870.	10560.	0.	0.	10560.	2105.9	63.	10623.
24	870.	10219.	0.	0.	10219.	2101.7	63.	10282.
25	870.	9876.	0.	0.	9876.	2097.2	63.	9939.
26	870.	9687.	0.	0.	9687.	2092.6	63.	9750.
27	680.	9578.	0.	0.	9578.	2087.8	13.	9591.
28	680.	9327.	0.	0.	9327.	2083.2	13.	9340.
29	680.	9070.	0.	0.	9070.	2078.7	13.	9083.
30	680.	8543.	0.	0.	8543.	2074.6	13.	8556.
31	2138.	7904.	0.	0.	7904.	2071.5	322.	8226.
32	2871.	6310.	0.	0.	6310.	2069.7	449.	6759.
33	16185.	5226.	0.	0.	5226.	2075.5	2529.	7755.
34	26173.	4969.	0.	0.	4969.	2086.8	4088.	9057.
35	29395.	4751.	0.	0.	4751.	2099.9	4660.	9411.
36	20039.	4516.	0.	0.	4516.	2106.9	3344.	7860.
37	20039.	5336.	0.	0.	5336.	2113.5	3344.	8680.
38	20039.	5896.	0.	0.	5896.	2119.9	3344.	9240.
39	20039.	5732.	0.	0.	5732.	2126.3	3344.	9076.
40	25591.	5458.	0.	0.	5458.	2135.4	3317.	8775.
41	33081.	4931.	0.	0.	4931.	2148.0	4287.	9218.
42	31343.	4968.	0.	0.	4968.	2158.4	4064.	9032.
43	26765.	5225.	0.	0.	5225.	2166.5	3469.	8694.
44	24772.	6079.	0.	0.	6079.	2173.6	2100.	8179.
45	22882.	5740.	0.	0.	5740.	2180.1	1847.	7587.
46	19853.	7072.	0.	0.	7072.	2185.0	1602.	8674.
47	20996.	8383.	0.	12613.	20996.	2185.0	1695.	22691.
48	17689.	8845.	0.	8844.	17689.	2185.0	1433.	19122.
49	13124.	9268.	0.	3856.	13124.	2185.0	1194.	14318.
50	11736.	9873.	0.	1863.	11736.	2185.0	1068.	12804.
51	9384.	9384.	0.	0.	9384.	2185.0	855.	10239.
52	8325.	8325.	0.	0.	8325.	2185.0	758.	9083.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON- RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1964 1	7204.	8006.	0.	0.	8006.	2184.7	1123.	9129.
2	6067.	8511.	0.	0.	8511.	2183.8	944.	9455.
3	4963.	9016.	0.	0.	9016.	2182.2	774.	9790.
4	3760.	9534.	0.	0.	9534.	2180.0	587.	10121.
5	2277.	8797.	0.	0.	8797.	2177.6	381.	9178.
6	2037.	9279.	0.	0.	9279.	2174.8	337.	9616.
7	1803.	9765.	0.	0.	9765.	2171.8	297.	10062.
8	1489.	10205.	0.	0.	10205.	2168.5	247.	10452.
9	1454.	10624.	0.	0.	10624.	2165.0	236.	10860.
10	1358.	12300.	0.	0.	12300.	2160.8	218.	12518.
11	1311.	12570.	0.	0.	12570.	2156.6	212.	12782.
12	1038.	12244.	0.	0.	12244.	2152.3	167.	12411.
13	1038.	11609.	0.	0.	11609.	2148.0	167.	11776.
14	913.	11310.	0.	0.	11310.	2143.3	134.	11444.
15	888.	11307.	0.	0.	11307.	2138.6	132.	11439.
16	830.	11298.	0.	0.	11298.	2133.9	124.	11422.
17	807.	11287.	0.	0.	11287.	2129.2	119.	11406.
18	816.	11265.	0.	0.	11265.	2124.5	118.	11383.
19	818.	11294.	0.	0.	11294.	2119.8	124.	11418.
20	802.	10016.	0.	0.	10016.	2115.6	120.	10136.
21	760.	9959.	0.	0.	9959.	2111.5	116.	10075.
22	696.	9835.	0.	0.	9835.	2107.4	106.	9941.
23	612.	9325.	0.	0.	9325.	2103.5	95.	9420.
24	588.	8972.	0.	0.	8972.	2099.6	91.	9063.
25	524.	8611.	0.	0.	8611.	2095.3	82.	8693.
26	524.	8386.	0.	0.	8386.	2091.1	82.	8468.
27	588.	8208.	0.	0.	8208.	2087.1	86.	8294.
28	588.	7925.	0.	0.	7925.	2083.2	86.	8011.
29	637.	7586.	0.	0.	7586.	2079.5	93.	7679.
30	646.	7119.	0.	0.	7119.	2076.0	94.	7213.
31	524.	6587.	0.	0.	6587.	2072.8	66.	6653.
32	521.	6310.	0.	0.	6310.	2069.7	83.	6393.
33	699.	5226.	0.	0.	5226.	2067.3	110.	5336.
34	1548.	4969.	0.	0.	4969.	2065.5	242.	5211.
35	17791.	3742.	0.	0.	3742.	2073.0	2238.	5980.
36	66753.	3556.	0.	0.	3556.	2105.6	7730.	11286.
37	45845.	4269.	0.	0.	4269.	2124.3	5308.	9577.
38	38257.	5193.	0.	0.	5193.	2139.2	4430.	9623.
39	27669.	5695.	0.	0.	5695.	2149.0	3203.	8898.
40	22261.	5970.	0.	0.	5970.	2155.4	2009.	7979.
41	22938.	5891.	0.	0.	5891.	2161.9	2071.	7962.
42	21646.	5829.	0.	0.	5829.	2167.9	1955.	7784.
43	14854.	5542.	0.	0.	5542.	2171.4	1340.	6882.
44	16893.	6247.	0.	0.	6247.	2175.4	1836.	8083.
45	15985.	6235.	0.	0.	6235.	2179.1	1751.	7986.
46	12889.	6260.	0.	0.	6260.	2181.7	1411.	7671.
47	13741.	6488.	0.	0.	6488.	2184.4	1506.	7994.
48	11603.	8845.	0.	1238.	10084.	2185.0	1277.	11361.
49	8901.	8901.	0.	0.	8901.	2185.0	1588.	10489.
50	7255.	7255.	0.	0.	7255.	2185.0	1293.	8548.
51	7294.	7327.	0.	0.	7327.	2185.0	1301.	8628.
52	6247.	7555.	0.	0.	7555.	2184.4	1114.	8669.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1965 1	5814.	7962.	0.	0.	7962.	2183.6	1230.	9192.
2	6506.	8320.	0.	0.	8320.	2182.9	1377.	9697.
3	4258.	8964.	0.	0.	8964.	2181.1	901.	9865.
4	3387.	8369.	0.	0.	8369.	2179.2	717.	9086.
5	2593.	8797.	0.	0.	8797.	2176.9	321.	9118.
6	2408.	9279.	0.	0.	9279.	2174.3	279.	9558.
7	2383.	9765.	0.	0.	9765.	2171.5	276.	10041.
8	2656.	10205.	0.	0.	10205.	2168.6	307.	10512.
9	1708.	10624.	0.	0.	10624.	2165.2	198.	10822.
10	1175.	12355.	0.	0.	12355.	2161.0	96.	12451.
11	1047.	12627.	0.	0.	12627.	2156.6	86.	12713.
12	952.	12285.	0.	0.	12285.	2152.3	78.	12363.
13	952.	11651.	0.	0.	11651.	2147.9	78.	11729.
14	880.	11345.	0.	0.	11345.	2143.2	63.	11408.
15	866.	11341.	0.	0.	11341.	2138.4	62.	11403.
16	866.	11328.	0.	0.	11328.	2133.7	62.	11390.
17	866.	11315.	0.	0.	11315.	2129.0	62.	11377.
18	821.	11295.	0.	0.	11295.	2124.3	59.	11354.
19	764.	11328.	0.	0.	11328.	2119.6	56.	11384.
20	764.	10016.	0.	0.	10016.	2115.4	56.	10072.
21	764.	9959.	0.	0.	9959.	2111.3	56.	10015.
22	785.	9835.	0.	0.	9835.	2107.2	56.	9891.
23	809.	9325.	0.	0.	9325.	2103.4	61.	9386.
24	809.	8972.	0.	0.	8972.	2099.7	61.	9033.
25	809.	8611.	0.	0.	8611.	2095.5	61.	8672.
26	809.	8386.	0.	0.	8386.	2091.5	61.	8447.
27	1050.	8208.	0.	0.	8208.	2087.7	65.	8273.
28	1050.	7925.	0.	0.	7925.	2084.0	65.	7990.
29	1324.	7586.	0.	0.	7586.	2080.7	82.	7668.
30	1370.	7119.	0.	0.	7119.	2077.6	84.	7203.
31	1702.	6587.	0.	0.	6587.	2075.0	197.	6784.
32	4582.	6310.	0.	0.	6310.	2074.1	548.	6858.
33	7973.	6533.	0.	0.	6533.	2074.8	952.	7485.
34	14365.	6211.	0.	0.	6211.	2079.2	1719.	7930.
35	28598.	5939.	0.	0.	5939.	2091.3	3363.	9302.
36	18020.	5645.	0.	0.	5645.	2097.8	2494.	8139.
37	19249.	5336.	0.	0.	5336.	2104.4	2667.	8003.
38	18396.	5193.	0.	0.	5193.	2110.4	2546.	7739.
39	27076.	5141.	0.	0.	5141.	2120.2	3750.	8891.
40	25264.	4990.	0.	0.	4990.	2129.4	3194.	8184.
41	25478.	5016.	0.	0.	5016.	2138.6	3220.	8236.
42	23730.	5504.	0.	0.	5504.	2146.8	3000.	8504.
43	20581.	5676.	0.	0.	5676.	2152.9	2600.	8276.
44	18313.	5930.	0.	0.	5930.	2157.6	2559.	8489.
45	16343.	6088.	0.	0.	6088.	2161.5	2243.	8331.
46	25247.	5613.	0.	0.	5613.	2169.0	3464.	9077.
47	16925.	6222.	0.	0.	6222.	2173.0	2322.	8544.
48	9394.	6719.	0.	0.	6719.	2174.1	1299.	8018.
49	14093.	7000.	0.	0.	7000.	2176.8	1740.	8740.
50	17314.	6814.	0.	0.	6814.	2180.7	2138.	8952.
51	15844.	7042.	0.	0.	7042.	2184.1	1957.	8999.
52	18328.	8824.	0.	7403.	16227.	2185.0	2263.	18490.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1966 1	10948.	8665.	0.	2283.	10948.	2185.0	2686.	13634.
2	6087.	8260.	0.	0.	8260.	2184.2	1492.	9752.
3	2852.	9050.	0.	0.	9050.	2181.8	698.	9748.
4	2359.	8369.	0.	0.	8369.	2179.5	578.	8947.
5	2043.	8797.	0.	0.	8797.	2177.0	457.	9254.
6	1676.	9279.	0.	0.	9279.	2174.1	366.	9645.
7	1481.	9765.	0.	0.	9765.	2170.9	323.	10088.
8	1412.	10205.	0.	0.	10205.	2167.6	309.	10514.
9	1361.	10624.	0.	0.	10624.	2164.1	295.	10919.
10	1265.	11171.	0.	0.	11171.	2160.3	289.	11460.
11	1223.	11445.	0.	0.	11445.	2156.4	280.	11725.
12	1174.	11109.	0.	0.	11109.	2152.7	268.	11377.
13	1129.	10479.	0.	0.	10479.	2148.9	259.	10738.
14	1075.	10115.	0.	0.	10115.	2144.9	223.	10338.
15	1062.	10103.	0.	0.	10103.	2140.8	219.	10322.
16	1062.	10105.	0.	0.	10105.	2136.7	219.	10324.
17	1062.	10080.	0.	0.	10080.	2132.7	219.	10299.
18	1025.	10053.	0.	0.	10053.	2128.6	213.	10266.
19	980.	10051.	0.	0.	10051.	2124.5	200.	10251.
20	980.	10016.	0.	0.	10016.	2120.5	200.	10216.
21	980.	9959.	0.	0.	9959.	2116.4	200.	10159.
22	983.	9835.	0.	0.	9835.	2112.5	201.	10036.
23	985.	9325.	0.	0.	9325.	2108.7	202.	9527.
24	985.	8972.	0.	0.	8972.	2105.1	202.	9174.
25	985.	8611.	0.	0.	8611.	2101.7	202.	8813.
26	985.	8386.	0.	0.	8386.	2098.1	202.	8588.
27	1091.	8208.	0.	0.	8208.	2094.3	226.	8434.
28	1091.	7925.	0.	0.	7925.	2090.6	226.	8151.
29	1432.	7586.	0.	0.	7586.	2087.4	299.	7885.
30	1490.	7119.	0.	0.	7119.	2084.4	310.	7429.
31	2210.	6587.	0.	0.	6587.	2082.0	504.	7091.
32	2873.	6310.	0.	0.	6310.	2080.2	667.	6977.
33	5322.	6533.	0.	0.	6533.	2079.6	1235.	7768.
34	10202.	6211.	0.	0.	6211.	2081.7	2367.	8578.
35	16017.	5939.	0.	0.	5939.	2087.0	3686.	9625.
36	37660.	4693.	0.	0.	4693.	2103.9	6451.	11144.
37	26954.	5336.	0.	0.	5336.	2113.6	4615.	9951.
38	22768.	5626.	0.	0.	5626.	2121.3	3900.	9526.
39	19214.	5751.	0.	0.	5751.	2127.4	3291.	9042.
40	15178.	5986.	0.	0.	5986.	2131.5	2212.	8198.
41	14458.	5992.	0.	0.	5992.	2135.3	2106.	8098.
42	15132.	5903.	0.	0.	5903.	2139.5	2205.	8108.
43	17122.	5155.	0.	0.	5155.	2144.8	2493.	7648.
44	22511.	5466.	0.	0.	5466.	2152.1	3578.	9044.
45	18320.	5586.	0.	0.	5586.	2157.0	3025.	8611.
46	15064.	5759.	0.	0.	5759.	2160.5	2488.	8247.
47	18252.	5940.	0.	0.	5940.	2165.2	3014.	8954.
48	14606.	6318.	0.	0.	6318.	2168.3	2410.	8728.
49	10023.	6620.	0.	0.	6620.	2169.6	1779.	8399.
50	9733.	7043.	0.	0.	7043.	2170.6	1729.	8772.
51	9623.	7212.	0.	0.	7212.	2171.5	1708.	8920.
52	7019.	7353.	0.	0.	7353.	2171.4	1248.	8601.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVEYER RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1967 1	5525.	5777.	0.	0.	5777.	2171.3	962.	6739.
2	3705.	6027.	0.	0.	6027.	2170.4	645.	6672.
3	2802.	6302.	0.	0.	6302.	2169.1	486.	6788.
4	1896.	6695.	0.	0.	6695.	2167.3	331.	7026.
5	1290.	7038.	0.	0.	7038.	2165.1	278.	7316.
6	1192.	7423.	0.	0.	7423.	2162.7	254.	7677.
7	1192.	7812.	0.	0.	7812.	2160.2	254.	8066.
8	1192.	8164.	0.	0.	8164.	2157.6	254.	8418.
9	1173.	8499.	0.	0.	8499.	2154.8	249.	8748.
10	1119.	8937.	0.	0.	8937.	2151.8	242.	9179.
11	1119.	9156.	0.	0.	9156.	2148.5	242.	9398.
12	1119.	8887.	0.	0.	8887.	2145.0	242.	9129.
13	1119.	8383.	0.	0.	8383.	2141.8	242.	8625.
14	1105.	8092.	0.	0.	8092.	2138.6	257.	8349.
15	1106.	8082.	0.	0.	8082.	2135.5	257.	8339.
16	1106.	8084.	0.	0.	8084.	2132.3	257.	8341.
17	1106.	8064.	0.	0.	8064.	2129.2	257.	8321.
18	1077.	10053.	0.	0.	10053.	2125.2	248.	10301.
19	1037.	10051.	0.	0.	10051.	2121.1	238.	10289.
20	1037.	10016.	0.	0.	10016.	2117.1	238.	10254.
21	1037.	9959.	0.	0.	9959.	2113.1	238.	10197.
22	965.	9835.	0.	0.	9835.	2109.1	223.	10058.
23	882.	9325.	0.	0.	9325.	2105.3	196.	9521.
24	882.	8972.	0.	0.	8972.	2101.7	196.	9168.
25	882.	8611.	0.	0.	8611.	2097.8	196.	8807.
26	882.	8386.	0.	0.	8386.	2093.8	196.	8582.
27	771.	8208.	0.	0.	8208.	2089.9	192.	8400.
28	771.	7925.	0.	0.	7925.	2086.1	192.	8117.
29	790.	7586.	0.	0.	7586.	2082.5	199.	7785.
30	910.	7119.	0.	0.	7119.	2079.1	228.	7347.
31	1409.	6587.	0.	0.	6587.	2076.4	215.	6802.
32	4044.	6310.	0.	0.	6310.	2075.2	605.	6915.
33	14066.	6533.	0.	0.	6533.	2079.2	2103.	8636.
34	19680.	6211.	0.	0.	6211.	2086.4	2944.	9155.
35	23533.	5939.	0.	0.	5939.	2095.7	3528.	9467.
36	22187.	5645.	0.	0.	5645.	2103.8	2731.	8376.
37	29069.	5336.	0.	0.	5336.	2114.5	3579.	8915.
38	24227.	6058.	0.	0.	6058.	2122.7	2982.	9040.
39	23703.	5917.	0.	0.	5917.	2130.7	2917.	8834.
40	17634.	5858.	0.	0.	5858.	2136.0	2442.	8300.
41	17564.	5813.	0.	0.	5813.	2141.3	2431.	8244.
42	24423.	5313.	0.	0.	5313.	2149.9	3382.	8695.
43	28466.	5037.	0.	0.	5037.	2158.8	3942.	8979.
44	21665.	5464.	0.	0.	5464.	2164.9	3511.	8975.
45	20177.	5601.	0.	0.	5601.	2170.5	3228.	8829.
46	44209.	5962.	0.	0.	5962.	2185.0	7073.	13035.
47	24653.	8383.	0.	16270.	24653.	2185.0	3946.	28599.
48	16555.	8845.	0.	7710.	16555.	2185.0	2674.	19229.
49	23511.	9268.	0.	14243.	23511.	2185.0	3524.	27035.
50	13875.	9873.	0.	4002.	13875.	2185.0	2080.	15955.
51	10087.	10087.	0.	0.	10087.	2185.0	1510.	11597.
52	7666.	7666.	0.	0.	7666.	2185.0	1147.	8813.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1968 1	5636.	8157.	0.	0.	8157.	2184.0	794.	8951.
2	4692.	8645.	0.	0.	8645.	2182.5	661.	9306.
3	3669.	7877.	0.	0.	7877.	2180.9	518.	8395.
4	2797.	8369.	0.	0.	8369.	2178.8	394.	8763.
5	2340.	8797.	0.	0.	8797.	2176.4	330.	9127.
6	1987.	9279.	0.	0.	9279.	2173.6	278.	9557.
7	1881.	9765.	0.	0.	9765.	2170.6	264.	10029.
8	1812.	10205.	0.	0.	10205.	2167.4	252.	10457.
9	1780.	10624.	0.	0.	10624.	2164.1	246.	10870.
10	1740.	11171.	0.	0.	11171.	2160.5	229.	11400.
11	1740.	11445.	0.	0.	11445.	2156.8	229.	11674.
12	1669.	11109.	0.	0.	11109.	2153.2	219.	11328.
13	1657.	10479.	0.	0.	10479.	2149.8	218.	10697.
14	1633.	10115.	0.	0.	10115.	2146.0	235.	10350.
15	1634.	10103.	0.	0.	10103.	2142.2	235.	10338.
16	1634.	10105.	0.	0.	10105.	2138.4	235.	10340.
17	1611.	10080.	0.	0.	10080.	2134.6	231.	10311.
18	1552.	10053.	0.	0.	10053.	2130.8	224.	10277.
19	1561.	10051.	0.	0.	10051.	2126.9	218.	10269.
20	1561.	10016.	0.	0.	10016.	2123.1	218.	10234.
21	1561.	9959.	0.	0.	9959.	2119.4	218.	10177.
22	1561.	9835.	0.	0.	9835.	2115.6	218.	10053.
23	1560.	9325.	0.	0.	9325.	2112.2	219.	9544.
24	1560.	8972.	0.	0.	8972.	2108.8	219.	9191.
25	1560.	8611.	0.	0.	8611.	2105.6	219.	8830.
26	1560.	8386.	0.	0.	8386.	2102.6	219.	8605.
27	1544.	8208.	0.	0.	8208.	2099.5	206.	8414.
28	1485.	7925.	0.	0.	7925.	2096.1	199.	8124.
29	1556.	7586.	0.	0.	7586.	2092.9	208.	7794.
30	1662.	7119.	0.	0.	7119.	2090.0	221.	7340.
31	1787.	6587.	0.	0.	6587.	2087.4	300.	6887.
32	2353.	6310.	0.	0.	6310.	2085.3	395.	6705.
33	10464.	6533.	0.	0.	6533.	2087.4	1753.	8286.
34	27061.	5769.	0.	0.	5769.	2098.7	4536.	10305.
35	21911.	5939.	0.	0.	5939.	2106.1	3703.	9642.
36	21507.	6238.	0.	0.	6238.	2113.0	3114.	9352.
37	29938.	5510.	0.	0.	5510.	2124.0	4336.	9846.
38	30356.	5332.	0.	0.	5332.	2135.2	4397.	9729.
39	22099.	5721.	0.	0.	5721.	2142.6	3201.	8922.
40	24724.	5486.	0.	0.	5486.	2151.0	3099.	8585.
41	22504.	5562.	0.	0.	5562.	2157.5	2821.	8383.
42	21723.	5559.	0.	0.	5559.	2163.6	2724.	8283.
43	20991.	5594.	0.	0.	5594.	2169.5	2632.	8226.
44	18324.	5888.	0.	0.	5888.	2174.2	2500.	8388.
45	16541.	6002.	0.	0.	6002.	2178.2	2275.	8277.
46	13759.	6270.	0.	0.	6270.	2181.0	1894.	8164.
47	12436.	6452.	0.	0.	6452.	2183.3	1709.	8161.
48	11024.	6722.	0.	0.	6722.	2184.9	1515.	8237.
49	9099.	8949.	0.	0.	8949.	2185.0	1354.	10303.
50	9115.	9115.	0.	0.	9115.	2185.0	1356.	10471.
51	5821.	7526.	0.	0.	7526.	2184.4	866.	8392.
52	4456.	7765.	0.	0.	7765.	2182.9	664.	8429.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1969 1	4162.	8264.	0.	0.	8264.	2181.4	589.	8853.
2	3593.	7534.	0.	0.	7534.	2179.9	509.	8043.
3	2768.	7877.	0.	0.	7877.	2177.9	392.	8269.
4	2457.	8369.	0.	0.	8369.	2175.7	348.	8717.
5	2109.	8797.	0.	0.	8797.	2173.1	277.	9074.
6	1631.	9279.	0.	0.	9279.	2170.2	213.	9492.
7	1241.	9765.	0.	0.	9765.	2167.0	163.	9928.
8	1087.	10205.	0.	0.	10205.	2163.5	142.	10347.
9	901.	10624.	0.	0.	10624.	2159.8	116.	10740.
10	809.	11171.	0.	0.	11171.	2155.9	87.	11258.
11	767.	11445.	0.	0.	11445.	2151.8	82.	11527.
12	724.	11109.	0.	0.	11109.	2147.5	77.	11186.
13	687.	10479.	0.	0.	10479.	2143.1	74.	10553.
14	658.	10115.	0.	0.	10115.	2138.9	73.	10188.
15	640.	10103.	0.	0.	10103.	2134.6	71.	10174.
16	598.	10105.	0.	0.	10105.	2130.3	65.	10170.
17	598.	8064.	0.	0.	8064.	2127.0	65.	8129.
18	598.	8042.	0.	0.	8042.	2123.6	65.	8107.
19	587.	8041.	0.	0.	8041.	2120.3	73.	8114.
20	599.	8013.	0.	0.	8013.	2116.9	74.	8087.
21	630.	7967.	0.	0.	7967.	2113.6	77.	8044.
22	630.	7868.	0.	0.	7868.	2110.4	77.	7945.
23	655.	7460.	0.	0.	7460.	2107.3	80.	7540.
24	673.	7178.	0.	0.	7178.	2104.4	82.	7260.
25	709.	6889.	0.	0.	6889.	2101.6	87.	6976.
26	732.	6709.	0.	0.	6709.	2098.7	90.	6799.
27	779.	6566.	0.	0.	6566.	2095.6	99.	6665.
28	919.	6340.	0.	0.	6340.	2092.8	117.	6457.
29	1196.	6069.	0.	0.	6069.	2090.2	152.	6221.
30	1696.	5695.	0.	0.	5695.	2088.0	216.	5911.
31	2867.	5270.	0.	0.	5270.	2086.7	341.	5611.
32	5116.	5048.	0.	0.	5048.	2086.8	611.	5659.
33	9727.	5226.	0.	0.	5226.	2089.2	1165.	6391.
34	17064.	4969.	0.	0.	4969.	2095.6	2040.	7009.
35	10209.	4751.	0.	0.	4751.	2098.5	1237.	5988.
36	11525.	4516.	0.	0.	4516.	2101.9	787.	5303.
37	14689.	4269.	0.	0.	4269.	2106.6	1003.	5272.
38	16092.	4154.	0.	0.	4154.	2112.0	1099.	5253.
39	14614.	4113.	0.	0.	4113.	2116.7	996.	5109.
40	13051.	3992.	0.	0.	3992.	2120.8	674.	4666.
41	16518.	4013.	0.	0.	4013.	2126.4	854.	4867.
42	16974.	4052.	0.	0.	4052.	2132.2	874.	4926.
43	14188.	4124.	0.	0.	4124.	2136.7	733.	4857.
44	11668.	4373.	0.	0.	4373.	2140.0	1035.	5408.
45	12201.	4469.	0.	0.	4469.	2143.5	1126.	5595.
46	6318.	5426.	0.	0.	5426.	2143.9	585.	6011.
47	5126.	7125.	0.	0.	7125.	2143.0	472.	7597.
48	4792.	7199.	0.	0.	7199.	2141.9	442.	7641.
49	5256.	6953.	0.	0.	6953.	2141.1	668.	7621.
50	4595.	6084.	0.	0.	6084.	2140.5	584.	6668.
51	3939.	5213.	0.	0.	5213.	2139.9	502.	5715.
52	3308.	5339.	0.	0.	5339.	2138.9	421.	5760.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1970 1	3018.	5078.	0.	0.	5078.	2137.9	595.	5673.
2	2841.	5132.	0.	0.	5132.	2136.9	560.	5692.
3	2489.	4963.	0.	0.	4963.	2135.8	490.	5453.
4	1680.	5273.	0.	0.	5273.	2134.2	331.	5604.
5	1432.	5542.	0.	0.	5542.	2132.3	183.	5725.
6	1202.	5846.	0.	0.	5846.	2130.2	147.	5993.
7	950.	6152.	0.	0.	6152.	2127.9	115.	6267.
8	842.	6429.	0.	0.	6429.	2125.4	101.	6530.
9	787.	6693.	0.	0.	6693.	2122.7	96.	6789.
10	735.	7038.	0.	0.	7038.	2119.9	105.	7143.
11	699.	7210.	0.	0.	7210.	2117.0	100.	7310.
12	694.	6999.	0.	0.	6999.	2114.1	99.	7098.
13	694.	6602.	0.	0.	6602.	2111.5	99.	6701.
14	656.	6372.	0.	0.	6372.	2108.9	124.	6496.
15	656.	6365.	0.	0.	6365.	2106.3	125.	6490.
16	628.	6366.	0.	0.	6366.	2103.7	120.	6486.
17	617.	6350.	0.	0.	6350.	2101.2	118.	6468.
18	618.	6333.	0.	0.	6333.	2098.3	117.	6450.
19	628.	6332.	0.	0.	6332.	2095.3	111.	6443.
20	589.	6310.	0.	0.	6310.	2092.3	104.	6414.
21	589.	6274.	0.	0.	6274.	2089.2	104.	6378.
22	589.	6196.	0.	0.	6196.	2086.2	104.	6300.
23	605.	5875.	0.	0.	5875.	2083.4	93.	5968.
24	616.	5652.	0.	0.	5652.	2080.8	95.	5747.
25	645.	5425.	0.	0.	5425.	2078.2	100.	5525.
26	645.	5283.	0.	0.	5283.	2075.7	100.	5383.
27	769.	5171.	0.	0.	5171.	2073.4	42.	5213.
28	846.	4993.	0.	0.	4993.	2071.2	47.	5040.
29	969.	4779.	0.	0.	4779.	2069.2	52.	4831.
30	1176.	4485.	0.	0.	4485.	2067.4	64.	4549.
31	1634.	4150.	0.	0.	4150.	2066.1	199.	4349.
32	3900.	3975.	0.	0.	3975.	2066.0	483.	4458.
33	13817.	4116.	0.	0.	4116.	2071.2	1708.	5824.
34	12474.	3913.	0.	0.	3913.	2075.7	1544.	5457.
35	15221.	4751.	0.	0.	4751.	2081.3	1925.	6676.
36	12989.	4516.	0.	0.	4516.	2085.8	2516.	7032.
37	12531.	4269.	0.	0.	4269.	2090.2	2426.	6695.
38	11864.	4154.	0.	0.	4154.	2094.3	2298.	6452.
39	19977.	4113.	0.	0.	4113.	2102.3	3868.	7981.
40	20089.	3992.	0.	0.	3992.	2109.6	2987.	6979.
41	16855.	4013.	0.	0.	4013.	2115.4	2507.	6520.
42	18059.	4052.	0.	0.	4052.	2121.7	2686.	6738.
43	17267.	4124.	0.	0.	4124.	2127.6	2568.	6692.
44	21606.	4373.	0.	0.	4373.	2135.3	3153.	7526.
45	18880.	4469.	0.	0.	4469.	2141.8	2775.	7244.
46	14586.	4607.	0.	0.	4607.	2146.3	2146.	6753.
47	16486.	4790.	0.	0.	4790.	2151.3	2424.	7214.
48	11350.	5054.	0.	0.	5054.	2153.7	1671.	6725.
49	9396.	5296.	0.	0.	5296.	2155.3	1598.	6894.
50	7477.	5642.	0.	0.	5642.	2156.0	1271.	6913.
51	7616.	5830.	0.	0.	5830.	2156.6	1294.	7124.
52	4244.	5882.	0.	0.	5882.	2155.9	723.	6605.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1971 1	4991.	5777.	0.	0.	5777.	2155.6	1302.	7079.
2	4166.	6027.	0.	0.	6027.	2154.9	1087.	7114.
3	3393.	6302.	0.	0.	6302.	2153.8	886.	7188.
4	2885.	6695.	0.	0.	6695.	2152.4	753.	7448.
5	2923.	7038.	0.	0.	7038.	2150.8	698.	7736.
6	2796.	7423.	0.	0.	7423.	2148.9	653.	8076.
7	2543.	7812.	0.	0.	7812.	2146.5	595.	8407.
8	2249.	8164.	0.	0.	8164.	2143.8	526.	8690.
9	2013.	8499.	0.	0.	8499.	2140.9	473.	8972.
10	1886.	8937.	0.	0.	8937.	2137.8	435.	9372.
11	1761.	9156.	0.	0.	9156.	2134.4	405.	9561.
12	1614.	8887.	0.	0.	8887.	2131.2	372.	9259.
13	1446.	8383.	0.	0.	8383.	2128.0	333.	8716.
14	1328.	8092.	0.	0.	8092.	2125.0	269.	8361.
15	1188.	8082.	0.	0.	8082.	2121.9	241.	8323.
16	1080.	8084.	0.	0.	8084.	2118.7	218.	8302.
17	950.	8064.	0.	0.	8064.	2115.5	190.	8254.
18	880.	8042.	0.	0.	8042.	2112.3	179.	8221.
19	821.	8041.	0.	0.	8041.	2109.1	178.	8219.
20	746.	8013.	0.	0.	8013.	2105.8	162.	8175.
21	746.	7967.	0.	0.	7967.	2102.6	162.	8129.
22	730.	7868.	0.	0.	7868.	2099.2	159.	8027.
23	716.	7460.	0.	0.	7460.	2095.6	149.	7609.
24	716.	7178.	0.	0.	7178.	2092.2	149.	7327.
25	716.	6889.	0.	0.	6889.	2088.9	149.	7038.
26	716.	6709.	0.	0.	6709.	2085.7	149.	6858.
27	717.	6566.	0.	0.	6566.	2082.6	153.	6719.
28	744.	6340.	0.	0.	6340.	2079.6	159.	6499.
29	808.	6069.	0.	0.	6069.	2076.8	172.	6241.
30	904.	5695.	0.	0.	5695.	2074.3	192.	5887.
31	1098.	5270.	0.	0.	5270.	2072.1	214.	5484.
32	1415.	5048.	0.	0.	5048.	2070.1	285.	5333.
33	2087.	5226.	0.	0.	5226.	2068.4	419.	5645.
34	3683.	4969.	0.	0.	4969.	2067.8	741.	5710.
35	6558.	4751.	0.	0.	4751.	2068.7	1303.	6054.
36	19251.	4516.	0.	0.	4516.	2076.6	2359.	6875.
37	39740.	4269.	0.	0.	4269.	2095.5	4872.	9141.
38	24136.	4154.	0.	0.	4154.	2105.2	2958.	7112.
39	33340.	4113.	0.	0.	4113.	2118.3	4088.	8201.
40	21395.	4990.	0.	0.	4990.	2125.7	1794.	6784.
41	21771.	5016.	0.	0.	5016.	2133.2	1825.	6841.
42	25092.	5065.	0.	0.	5065.	2142.2	2105.	7170.
43	16325.	5155.	0.	0.	5155.	2147.2	1369.	6524.
44	20943.	5466.	0.	0.	5466.	2153.5	2218.	7684.
45	38945.	5586.	0.	0.	5586.	2166.2	4061.	9647.
46	34819.	6137.	0.	0.	6137.	2177.1	3628.	9765.
47	21352.	6228.	0.	0.	6228.	2182.9	2225.	8453.
48	16880.	8845.	0.	2402.	11247.	2185.0	1777.	13024.
49	19170.	9268.	0.	9902.	19170.	2185.0	2289.	21459.
50	12233.	9873.	0.	2360.	12233.	2185.0	1460.	13693.
51	9251.	9251.	0.	0.	9251.	2185.0	1103.	10354.
52	8027.	8027.	0.	0.	8027.	2185.0	958.	8985.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1972 1	6619.	8183.	0.	0.	8183.	2184.4	735.	8918.
2	5931.	8642.	0.	0.	8642.	2183.4	659.	9301.
3	4501.	9143.	0.	0.	9143.	2181.6	501.	9644.
4	3711.	8369.	0.	0.	8369.	2179.8	413.	8782.
5	3005.	8797.	0.	0.	8797.	2177.6	381.	9178.
6	2717.	9279.	0.	0.	9279.	2175.2	339.	9618.
7	2574.	9765.	0.	0.	9765.	2172.4	322.	10087.
8	2430.	10205.	0.	0.	10205.	2169.5	305.	10510.
9	2311.	11721.	0.	0.	11721.	2165.9	291.	12012.
10	2016.	12220.	0.	0.	12220.	2162.0	373.	12593.
11	2016.	12484.	0.	0.	12484.	2158.0	373.	12857.
12	1860.	12147.	0.	0.	12147.	2154.1	345.	12492.
13	1860.	11509.	0.	0.	11509.	2150.5	345.	11854.
14	1790.	11166.	0.	0.	11166.	2146.3	392.	11558.
15	1642.	11169.	0.	0.	11169.	2142.0	359.	11528.
16	1642.	11152.	0.	0.	11152.	2137.8	359.	11511.
17	1642.	11134.	0.	0.	11134.	2133.5	359.	11493.
18	1643.	11108.	0.	0.	11108.	2129.2	357.	11465.
19	1528.	11135.	0.	0.	11135.	2124.9	357.	11492.
20	1465.	11095.	0.	0.	11095.	2120.6	342.	11437.
21	1465.	11047.	0.	0.	11047.	2116.3	342.	11389.
22	1403.	10932.	0.	0.	10932.	2112.0	327.	11259.
23	1416.	10427.	0.	0.	10427.	2107.9	302.	10729.
24	1351.	10091.	0.	0.	10091.	2104.0	288.	10379.
25	1351.	9743.	0.	0.	9743.	2100.2	288.	10031.
26	1329.	9553.	0.	0.	9553.	2095.9	284.	9837.
27	1241.	9436.	0.	0.	9436.	2091.5	242.	9678.
28	1241.	9181.	0.	0.	9181.	2087.3	242.	9423.
29	1189.	8927.	0.	0.	8927.	2083.2	233.	9160.
30	1241.	8543.	0.	0.	8543.	2079.3	242.	8785.
31	2386.	7904.	0.	0.	7904.	2076.4	560.	8464.
32	13753.	6641.	0.	0.	6641.	2080.2	3317.	9958.
33	13553.	6546.	0.	0.	6546.	2083.9	3270.	9816.
34	18894.	5787.	0.	0.	5787.	2090.9	4558.	10345.
35	31966.	4609.	0.	0.	4609.	2104.6	7421.	12030.
36	20142.	6211.	0.	0.	6211.	2110.9	3190.	9401.
37	35772.	4879.	0.	0.	4879.	2124.7	5665.	10544.
38	31327.	5061.	0.	0.	5061.	2136.6	4961.	10022.
39	21178.	5644.	0.	0.	5644.	2143.5	3354.	8998.
40	22096.	5913.	0.	0.	5913.	2150.7	2178.	8091.
41	22084.	5862.	0.	0.	5862.	2156.9	2177.	8039.
42	19683.	5789.	0.	0.	5789.	2162.1	1940.	7729.
43	16050.	5636.	0.	0.	5636.	2166.1	1582.	7218.
44	18343.	5995.	0.	0.	5995.	2170.8	1225.	7220.
45	19675.	6113.	0.	0.	6113.	2175.9	1278.	7391.
46	18045.	6238.	0.	0.	6238.	2180.4	1174.	7412.
47	18653.	6601.	0.	0.	6601.	2185.0	1212.	7813.
48	12473.	8845.	0.	3628.	12473.	2185.0	817.	13290.
49	11598.	9268.	0.	2330.	11598.	2185.0	991.	12589.
50	15857.	9873.	0.	5984.	15857.	2185.0	1355.	17212.
51	11686.	10203.	0.	1483.	11686.	2185.0	999.	12685.
52	5278.	7858.	0.	0.	7858.	2183.9	450.	8308.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1973 1	4296.	8374.	0.	0.	8374.	2182.3	335.	8709.
2	3976.	7534.	0.	0.	7534.	2181.0	310.	7844.
3	5515.	7877.	0.	0.	7877.	2180.1	430.	8307.
4	4090.	8369.	0.	0.	8369.	2178.5	319.	8688.
5	2727.	8797.	0.	0.	8797.	2176.2	243.	9040.
6	2210.	9279.	0.	0.	9279.	2173.5	198.	9477.
7	1887.	9765.	0.	0.	9765.	2170.5	169.	9934.
8	1738.	10205.	0.	0.	10205.	2167.3	156.	10361.
9	1519.	10624.	0.	0.	10624.	2163.8	135.	10759.
10	1356.	11171.	0.	0.	11171.	2160.1	155.	11326.
11	1210.	11445.	0.	0.	11445.	2156.2	139.	11584.
12	1186.	11109.	0.	0.	11109.	2152.4	135.	11244.
13	1186.	10479.	0.	0.	10479.	2148.7	135.	10614.
14	1051.	10115.	0.	0.	10115.	2144.6	111.	10226.
15	1026.	10103.	0.	0.	10103.	2140.5	108.	10211.
16	1026.	10105.	0.	0.	10105.	2136.4	108.	10213.
17	1026.	10080.	0.	0.	10080.	2132.4	108.	10188.
18	1035.	10053.	0.	0.	10053.	2128.3	107.	10160.
19	1008.	10051.	0.	0.	10051.	2124.2	134.	10185.
20	1008.	10016.	0.	0.	10016.	2120.2	134.	10150.
21	1008.	9959.	0.	0.	9959.	2116.2	134.	10093.
22	929.	9835.	0.	0.	9835.	2112.2	121.	9956.
23	868.	9325.	0.	0.	9325.	2108.4	77.	9402.
24	868.	8972.	0.	0.	8972.	2104.7	77.	9049.
25	868.	8611.	0.	0.	8611.	2101.2	77.	8688.
26	868.	8386.	0.	0.	8386.	2097.4	77.	8463.
27	879.	8208.	0.	0.	8208.	2093.5	70.	8278.
28	879.	7925.	0.	0.	7925.	2089.8	70.	7995.
29	879.	7586.	0.	0.	7586.	2086.2	70.	7656.
30	929.	7119.	0.	0.	7119.	2082.9	74.	7193.
31	1227.	6587.	0.	0.	6587.	2080.1	102.	6689.
32	2355.	6310.	0.	0.	6310.	2078.0	197.	6507.
33	8066.	6533.	0.	0.	6533.	2078.8	671.	7204.
34	11109.	6211.	0.	0.	6211.	2081.4	926.	7137.
35	13811.	5939.	0.	0.	5939.	2085.6	1163.	7102.
36	17385.	5645.	0.	0.	5645.	2091.8	1863.	7508.
37	28985.	5336.	0.	0.	5336.	2103.7	3104.	8440.
38	31344.	5193.	0.	0.	5193.	2115.5	3356.	8549.
39	20593.	5141.	0.	0.	5141.	2122.5	2205.	7346.
40	18980.	4990.	0.	0.	4990.	2128.7	1405.	6395.
41	18143.	5016.	0.	0.	5016.	2134.6	1345.	6361.
42	13728.	5065.	0.	0.	5065.	2138.5	1016.	6081.
43	14810.	5155.	0.	0.	5155.	2142.9	1095.	6250.
44	15752.	5466.	0.	0.	5466.	2147.5	1278.	6744.
45	18754.	5586.	0.	0.	5586.	2152.9	1521.	7107.
46	14942.	5759.	0.	0.	5759.	2156.4	1213.	6972.
47	19441.	5988.	0.	0.	5988.	2161.5	1577.	7565.
48	20593.	6318.	0.	0.	6318.	2166.9	1667.	7985.
49	11210.	6620.	0.	0.	6620.	2168.7	864.	7484.
50	7823.	7052.	0.	0.	7052.	2169.0	602.	7654.
51	6605.	7288.	0.	0.	7288.	2168.7	510.	7798.
52	5366.	5882.	0.	0.	5882.	2168.5	413.	6295.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1974 1	4607.	5777.	0.	0.	5777.	2168.0	668.	6445.
2	3710.	6027.	0.	0.	6027.	2167.1	539.	6566.
3	2558.	6302.	0.	0.	6302.	2165.7	372.	6674.
4	1938.	6695.	0.	0.	6695.	2163.9	282.	6977.
5	1693.	7038.	0.	0.	7038.	2161.9	142.	7180.
6	1459.	7423.	0.	0.	7423.	2159.6	115.	7538.
7	1344.	7812.	0.	0.	7812.	2157.2	106.	7918.
8	1230.	8164.	0.	0.	8164.	2154.5	98.	8262.
9	1129.	8499.	0.	0.	8499.	2151.7	89.	8588.
10	1028.	8937.	0.	0.	8937.	2148.5	71.	9008.
11	926.	9156.	0.	0.	9156.	2144.8	63.	9219.
12	881.	8887.	0.	0.	8887.	2141.2	60.	8947.
13	854.	8383.	0.	0.	8383.	2137.8	59.	8442.
14	816.	8092.	0.	0.	8092.	2134.5	60.	8152.
15	811.	8082.	0.	0.	8082.	2131.3	59.	8141.
16	778.	8084.	0.	0.	8084.	2128.0	57.	8141.
17	765.	8064.	0.	0.	8064.	2124.7	57.	8121.
18	745.	8042.	0.	0.	8042.	2121.4	53.	8095.
19	707.	8041.	0.	0.	8041.	2118.1	58.	8099.
20	694.	8013.	0.	0.	8013.	2114.8	57.	8070.
21	662.	7967.	0.	0.	7967.	2111.5	55.	8022.
22	663.	7868.	0.	0.	7868.	2108.3	55.	7923.
23	648.	7460.	0.	0.	7460.	2105.2	66.	7526.
24	636.	7178.	0.	0.	7178.	2102.3	64.	7242.
25	605.	6889.	0.	0.	6889.	2099.4	61.	6950.
26	605.	6709.	0.	0.	6709.	2096.1	61.	6770.
27	594.	6566.	0.	0.	6566.	2092.9	45.	6611.
28	620.	6340.	0.	0.	6340.	2089.9	45.	6385.
29	747.	6069.	0.	0.	6069.	2087.1	55.	6124.
30	1189.	5695.	0.	0.	5695.	2084.7	90.	5785.
31	2059.	5270.	0.	0.	5270.	2082.9	328.	5598.
32	5341.	5048.	0.	0.	5048.	2083.1	884.	5932.
33	9964.	5226.	0.	0.	5226.	2085.6	1647.	6873.
34	22246.	4969.	0.	0.	4969.	2094.8	3675.	8644.
35	25280.	4751.	0.	0.	4751.	2104.9	4103.	8854.
36	16013.	5645.	0.	0.	5645.	2109.5	2096.	7741.
37	13675.	6403.	0.	0.	6403.	2112.8	1788.	8191.
38	12785.	6232.	0.	0.	6232.	2115.7	1672.	7904.
39	13651.	6169.	0.	0.	6169.	2119.1	1785.	7954.
40	14383.	4990.	0.	0.	4990.	2123.3	1618.	6608.
41	17876.	5016.	0.	0.	5016.	2129.1	2011.	7027.
42	16396.	5065.	0.	0.	5065.	2134.2	1845.	6910.
43	15766.	5155.	0.	0.	5155.	2139.0	1773.	6928.
44	14730.	5466.	0.	0.	5466.	2143.2	1875.	7341.
45	15504.	5586.	0.	0.	5586.	2147.6	1989.	7575.
46	13265.	5759.	0.	0.	5759.	2150.8	1701.	7460.
47	10498.	4790.	0.	0.	4790.	2153.0	1346.	6136.
48	14244.	5054.	0.	0.	5054.	2156.5	1828.	6882.
49	13395.	5296.	0.	0.	5296.	2159.6	2191.	7487.
50	7511.	5642.	0.	0.	5642.	2160.3	1227.	6869.
51	7590.	5830.	0.	0.	5830.	2160.9	1240.	7070.
52	9984.	5882.	0.	0.	5882.	2162.7	1634.	7516.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1975 1	4537.	5777.	0.	0.	5777.	2162.3	621.	6398.
2	4509.	6027.	0.	0.	6027.	2161.7	617.	6644.
3	2402.	6302.	0.	0.	6302.	2160.2	330.	6632.
4	1602.	6695.	0.	0.	6695.	2158.3	220.	6915.
5	1468.	7038.	0.	0.	7038.	2156.2	150.	7188.
6	1478.	7423.	0.	0.	7423.	2153.9	144.	7567.
7	1478.	7812.	0.	0.	7812.	2151.5	144.	7956.
8	1478.	8164.	0.	0.	8164.	2148.8	144.	8308.
9	1461.	8499.	0.	0.	8499.	2145.6	146.	8645.
10	1264.	8937.	0.	0.	8937.	2142.1	215.	9152.
11	1264.	9156.	0.	0.	9156.	2138.6	215.	9371.
12	1264.	8887.	0.	0.	8887.	2135.2	215.	9102.
13	1264.	8383.	0.	0.	8383.	2132.0	215.	8598.
14	1270.	8092.	0.	0.	8092.	2128.9	203.	8295.
15	1203.	8082.	0.	0.	8082.	2125.8	191.	8273.
16	1203.	8084.	0.	0.	8084.	2122.7	191.	8275.
17	1203.	8064.	0.	0.	8064.	2119.6	191.	8255.
18	1200.	8042.	0.	0.	8042.	2116.5	193.	8235.
19	1123.	8041.	0.	0.	8041.	2113.4	242.	8283.
20	1123.	8013.	0.	0.	8013.	2110.3	242.	8255.
21	1081.	7967.	0.	0.	7967.	2107.2	232.	8199.
22	1051.	7868.	0.	0.	7868.	2104.2	223.	8091.
23	1040.	7460.	0.	0.	7460.	2101.3	232.	7692.
24	1040.	7178.	0.	0.	7178.	2098.2	232.	7410.
25	1040.	6889.	0.	0.	6889.	2095.1	232.	7121.
26	1040.	6709.	0.	0.	6709.	2092.1	232.	6941.
27	1036.	6566.	0.	0.	6566.	2089.2	212.	6778.
28	1047.	6340.	0.	0.	6340.	2086.3	213.	6553.
29	1142.	6069.	0.	0.	6069.	2083.7	233.	6302.
30	1354.	5695.	0.	0.	5695.	2081.4	276.	5971.
31	2133.	5270.	0.	0.	5270.	2079.7	426.	5696.
32	5138.	5048.	0.	0.	5048.	2079.8	1046.	6094.
33	11291.	5226.	0.	0.	5226.	2083.0	2301.	7527.
34	17252.	4969.	0.	0.	4969.	2089.6	3518.	8487.
35	23081.	4751.	0.	0.	4751.	2099.3	4627.	9378.
36	30459.	4516.	0.	0.	4516.	2111.1	4003.	8519.
37	22880.	5336.	0.	0.	5336.	2119.0	3006.	8342.
38	28749.	5651.	0.	0.	5651.	2129.4	3778.	9429.
39	25700.	5662.	0.	0.	5662.	2138.4	3379.	9041.
40	23413.	5672.	0.	0.	5672.	2146.4	2742.	8414.
41	25455.	5503.	0.	0.	5503.	2154.5	2981.	8484.
42	24131.	5522.	0.	0.	5522.	2161.6	2826.	8348.
43	22076.	5624.	0.	0.	5624.	2167.8	2584.	8208.
44	20265.	5883.	0.	0.	5883.	2173.3	2524.	8407.
45	16199.	6112.	0.	0.	6112.	2177.1	2043.	8155.
46	15474.	6247.	0.	0.	6247.	2180.6	1952.	8199.
47	13658.	6447.	0.	0.	6447.	2183.4	1722.	8169.
48	11762.	7456.	0.	0.	7456.	2185.0	1490.	8946.
49	9359.	9268.	0.	91.	9359.	2185.0	1499.	10858.
50	15849.	9873.	0.	5976.	15849.	2185.0	2537.	18386.
51	14847.	10203.	0.	4644.	14847.	2185.0	2376.	17223.
52	12513.	10294.	0.	2219.	12513.	2185.0	2002.	14515.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1976 1	7559.	7704.	0.	0.	7704.	2184.9	1787.	9491.
2	6664.	8220.	0.	0.	8220.	2184.4	1579.	9799.
3	6139.	8701.	0.	0.	8701.	2183.4	1454.	10155.
4	3621.	9403.	0.	0.	9403.	2181.2	857.	10260.
5	2720.	8797.	0.	0.	8797.	2178.9	439.	9236.
6	1937.	9279.	0.	0.	9279.	2176.1	304.	9583.
7	1475.	9765.	0.	0.	9765.	2172.9	232.	9997.
8	1173.	10205.	0.	0.	10205.	2169.5	183.	10388.
9	1011.	11785.	0.	0.	11785.	2165.4	156.	11941.
10	925.	12334.	0.	0.	12334.	2161.1	138.	12472.
11	890.	12605.	0.	0.	12605.	2156.6	133.	12738.
12	855.	12261.	0.	0.	12261.	2152.3	128.	12389.
13	809.	11631.	0.	0.	11631.	2147.9	121.	11752.
14	778.	11308.	0.	0.	11308.	2143.1	142.	11450.
15	778.	11304.	0.	0.	11304.	2138.4	143.	11447.
16	750.	11293.	0.	0.	11293.	2133.6	138.	11431.
17	739.	11281.	0.	0.	11281.	2128.9	136.	11417.
18	741.	11260.	0.	0.	11260.	2124.2	135.	11395.
19	746.	10051.	0.	0.	10051.	2120.0	134.	10185.
20	746.	10016.	0.	0.	10016.	2115.8	134.	10150.
21	746.	9959.	0.	0.	9959.	2111.7	134.	10093.
22	726.	9835.	0.	0.	9835.	2107.6	130.	9965.
23	687.	9325.	0.	0.	9325.	2103.7	135.	9460.
24	687.	8972.	0.	0.	8972.	2100.0	135.	9107.
25	687.	8611.	0.	0.	8611.	2095.7	135.	8746.
26	687.	8386.	0.	0.	8386.	2091.6	135.	8521.
27	644.	8208.	0.	0.	8208.	2087.6	112.	8320.
28	675.	7925.	0.	0.	7925.	2083.7	117.	8042.
29	839.	7586.	0.	0.	7586.	2080.2	144.	7730.
30	1402.	7119.	0.	0.	7119.	2077.1	241.	7360.
31	3440.	6587.	0.	0.	6587.	2075.4	871.	7458.
32	9778.	6310.	0.	0.	6310.	2077.3	2596.	8906.
33	9397.	6533.	0.	0.	6533.	2078.8	2495.	9028.
34	9828.	6211.	0.	0.	6211.	2080.7	2608.	8819.
35	11375.	5939.	0.	0.	5939.	2083.6	3021.	8960.
36	23100.	5645.	0.	0.	5645.	2092.9	3145.	8790.
37	24887.	5336.	0.	0.	5336.	2102.8	3387.	8723.
38	17525.	5193.	0.	0.	5193.	2108.4	2384.	7577.
39	16928.	5141.	0.	0.	5141.	2113.7	2306.	7447.
40	16991.	4990.	0.	0.	4990.	2119.1	1285.	6275.
41	16954.	5016.	0.	0.	5016.	2124.4	1281.	6297.
42	16164.	5065.	0.	0.	5065.	2129.4	1221.	6286.
43	16576.	5155.	0.	0.	5155.	2134.6	1255.	6410.
44	20226.	5466.	0.	0.	5466.	2141.2	1024.	6490.
45	26317.	5586.	0.	0.	5586.	2150.4	1283.	6869.
46	19534.	5759.	0.	0.	5759.	2155.7	952.	6711.
47	15004.	5988.	0.	0.	5988.	2159.1	732.	6720.
48	10554.	6318.	0.	0.	6318.	2160.7	525.	6843.
49	6302.	5296.	0.	0.	5296.	2161.1	862.	6158.
50	5160.	5642.	0.	0.	5642.	2160.9	707.	6349.
51	5190.	5830.	0.	0.	5830.	2160.7	712.	6542.
52	5530.	5882.	0.	0.	5882.	2160.5	755.	6637.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1977 1	3729.	5777.	0.	0.	5777.	2159.7	713.	6490.
2	3045.	6027.	0.	0.	6027.	2158.6	581.	6608.
3	2903.	6302.	0.	0.	6302.	2157.3	555.	6857.
4	2576.	6695.	0.	0.	6695.	2155.7	492.	7187.
5	2139.	7038.	0.	0.	7038.	2153.9	513.	7551.
6	1963.	7423.	0.	0.	7423.	2151.8	475.	7898.
7	1839.	7812.	0.	0.	7812.	2149.5	446.	8258.
8	1736.	8164.	0.	0.	8164.	2146.6	420.	8584.
9	2097.	8499.	0.	0.	8499.	2143.7	503.	9002.
10	1902.	8937.	0.	0.	8937.	2140.5	527.	9464.
11	1722.	9156.	0.	0.	9156.	2137.2	478.	9634.
12	1583.	8887.	0.	0.	8887.	2133.9	437.	9324.
13	1462.	8383.	0.	0.	8383.	2130.8	405.	8788.
14	1442.	8092.	0.	0.	8092.	2127.8	330.	8422.
15	1400.	8082.	0.	0.	8082.	2124.8	320.	8402.
16	1326.	8084.	0.	0.	8084.	2121.7	303.	8387.
17	1294.	8064.	0.	0.	8064.	2118.7	296.	8360.
18	1257.	8042.	0.	0.	8042.	2115.6	286.	8328.
19	1219.	8041.	0.	0.	8041.	2112.6	268.	8309.
20	1197.	8013.	0.	0.	8013.	2109.5	264.	8277.
21	1197.	7967.	0.	0.	7967.	2106.5	264.	8231.
22	1156.	7868.	0.	0.	7868.	2103.4	259.	8127.
23	1106.	7460.	0.	0.	7460.	2100.6	249.	7709.
24	1106.	7178.	0.	0.	7178.	2097.5	249.	7427.
25	1106.	6889.	0.	0.	6889.	2094.4	249.	7138.
26	1106.	6709.	0.	0.	6709.	2091.4	249.	6958.
27	1149.	6566.	0.	0.	6566.	2088.5	289.	6855.
28	1149.	6340.	0.	0.	6340.	2085.8	289.	6629.
29	1211.	6069.	0.	0.	6069.	2083.2	305.	6374.
30	1272.	5695.	0.	0.	5695.	2080.8	320.	6015.
31	1314.	5270.	0.	0.	5270.	2078.7	398.	5668.
32	2267.	5048.	0.	0.	5048.	2077.2	707.	5755.
33	8205.	5226.	0.	0.	5226.	2078.8	2559.	7785.
34	12588.	4969.	0.	0.	4969.	2082.9	3927.	8896.
35	19531.	4751.	0.	0.	4751.	2090.7	5917.	10668.
36	29414.	4516.	0.	0.	4516.	2103.4	3777.	8293.
37	38957.	4269.	0.	0.	4269.	2119.0	5005.	9274.
38	31928.	5193.	0.	0.	5193.	2131.0	4100.	9293.
39	28489.	5520.	0.	0.	5520.	2141.3	3659.	9179.
40	18502.	6043.	0.	0.	6043.	2146.9	1928.	7971.
41	20572.	5894.	0.	0.	5894.	2153.0	2144.	8038.
42	21740.	5789.	0.	0.	5789.	2159.0	2265.	8054.
43	18089.	5959.	0.	0.	5959.	2163.7	1884.	7843.
44	19531.	6188.	0.	0.	6188.	2168.7	1841.	8029.
45	18939.	5968.	0.	0.	5968.	2173.6	1756.	7724.
46	17328.	6095.	0.	0.	6095.	2177.9	1607.	7702.
47	17519.	6277.	0.	0.	6277.	2182.2	1624.	7901.
48	11066.	6481.	0.	0.	6481.	2183.9	1035.	7516.
49	8643.	7833.	0.	0.	7833.	2184.2	1071.	8904.
50	12235.	9873.	0.	353.	10226.	2185.0	1516.	11742.
51	11736.	10203.	0.	1533.	11736.	2185.0	1454.	13190.
52	9877.	9877.	0.	0.	9877.	2185.0	1222.	11099.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	WATANA VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1978 1	6782.	7912.	0.	0.	7912.	2184.6	1330.	9242.
2	6882.	8327.	0.	0.	8327.	2184.0	1347.	9674.
3	6046.	8825.	0.	0.	8825.	2183.0	1186.	10011.
4	4510.	9392.	0.	0.	9392.	2181.1	885.	10277.
5	3355.	8797.	0.	0.	8797.	2179.0	724.	9521.
6	2862.	9279.	0.	0.	9279.	2176.6	612.	9891.
7	2578.	9765.	0.	0.	9765.	2173.9	553.	10318.
8	2392.	11210.	0.	0.	11210.	2170.5	512.	11722.
9	2223.	11630.	0.	0.	11630.	2167.0	469.	12099.
10	2108.	12191.	0.	0.	12191.	2163.1	415.	12606.
11	2015.	12463.	0.	0.	12463.	2159.2	397.	12860.
12	1955.	12118.	0.	0.	12118.	2155.3	385.	12503.
13	1808.	11495.	0.	0.	11495.	2151.6	355.	11850.
14	1741.	11190.	0.	0.	11190.	2147.7	319.	11509.
15	1641.	11184.	0.	0.	11184.	2143.4	301.	11485.
16	1557.	11173.	0.	0.	11173.	2139.0	286.	11459.
17	1496.	11162.	0.	0.	11162.	2134.7	274.	11436.
18	1403.	11143.	0.	0.	11143.	2130.3	260.	11403.
19	1285.	11170.	0.	0.	11170.	2125.9	263.	11433.
20	1247.	11127.	0.	0.	11127.	2121.4	256.	11383.
21	1247.	11080.	0.	0.	11080.	2117.0	256.	11336.
22	1212.	10963.	0.	0.	10963.	2112.6	248.	11211.
23	1258.	10461.	0.	0.	10461.	2108.5	220.	10681.
24	1258.	10119.	0.	0.	10119.	2104.5	220.	10339.
25	1258.	9773.	0.	0.	9773.	2100.7	220.	9993.
26	1275.	9578.	0.	0.	9578.	2096.4	223.	9801.
27	1251.	9458.	0.	0.	9458.	2092.0	190.	9648.
28	1251.	9203.	0.	0.	9203.	2087.8	190.	9393.
29	1251.	8945.	0.	0.	8945.	2083.7	190.	9135.
30	1322.	8543.	0.	0.	8543.	2079.8	200.	8743.
31	3355.	7904.	0.	0.	7904.	2077.4	149.	8053.
32	11862.	7572.	0.	0.	7572.	2079.7	482.	8054.
33	16195.	7833.	0.	0.	7833.	2084.1	658.	8491.
34	10959.	7453.	0.	0.	7453.	2086.0	445.	7898.
35	11660.	7127.	0.	0.	7127.	2088.4	490.	7617.
36	13979.	6774.	0.	0.	6774.	2092.3	938.	7712.
37	19417.	6403.	0.	0.	6403.	2099.2	1303.	7706.
38	16614.	6232.	0.	0.	6232.	2104.0	1115.	7347.
39	20703.	5141.	0.	0.	5141.	2111.0	1389.	6530.
40	19608.	4990.	0.	0.	4990.	2117.6	1716.	6706.
41	18215.	5016.	0.	0.	5016.	2123.5	1595.	6611.
42	18416.	5065.	0.	0.	5065.	2129.5	1612.	6677.
43	18064.	5155.	0.	0.	5155.	2135.3	1582.	6737.
44	16600.	5466.	0.	0.	5466.	2140.3	2335.	7801.
45	15674.	5586.	0.	0.	5586.	2144.8	2243.	7829.
46	14572.	4607.	0.	0.	4607.	2149.3	2087.	6694.
47	12160.	4790.	0.	0.	4790.	2152.2	1741.	6531.
48	8756.	5054.	0.	0.	5054.	2153.6	1254.	6308.
49	9287.	5296.	0.	0.	5296.	2155.2	1229.	6525.
50	8372.	5642.	0.	0.	5642.	2156.2	1108.	6750.
51	6293.	5830.	0.	0.	5830.	2156.4	833.	6663.
52	4696.	5882.	0.	0.	5882.	2155.8	621.	6503.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	CONVE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1979 1	4195.	5777.	0.	0.	5777.	2155.2	810.	6587.
2	4701.	6027.	0.	0.	6027.	2154.7	906.	6933.
3	3796.	6302.	0.	0.	6302.	2153.8	732.	7034.
4	2849.	6695.	0.	0.	6695.	2152.3	549.	7244.
5	2736.	7038.	0.	0.	7038.	2150.7	531.	7569.
6	2368.	7423.	0.	0.	7423.	2148.6	462.	7885.
7	1774.	7812.	0.	0.	7812.	2145.8	347.	8159.
8	1558.	8164.	0.	0.	8164.	2142.9	304.	8468.
9	1502.	8499.	0.	0.	8499.	2139.7	290.	8789.
10	1483.	8937.	0.	0.	8937.	2136.4	265.	9202.
11	1349.	9156.	0.	0.	9156.	2132.9	242.	9398.
12	1214.	8887.	0.	0.	8887.	2129.4	219.	9106.
13	1170.	8383.	0.	0.	8383.	2126.2	211.	8594.
14	1185.	8092.	0.	0.	8092.	2123.1	174.	8266.
15	1138.	8082.	0.	0.	8082.	2119.9	168.	8250.
16	1138.	8084.	0.	0.	8084.	2116.8	168.	8252.
17	1138.	8064.	0.	0.	8064.	2113.7	168.	8232.
18	1059.	8042.	0.	0.	8042.	2110.6	154.	8196.
19	1067.	8041.	0.	0.	8041.	2107.4	151.	8192.
20	1067.	8013.	0.	0.	8013.	2104.3	151.	8164.
21	1067.	7967.	0.	0.	7967.	2101.2	151.	8118.
22	989.	7868.	0.	0.	7868.	2097.7	137.	8005.
23	1113.	7460.	0.	0.	7460.	2094.4	56.	7516.
24	1113.	7178.	0.	0.	7178.	2091.1	56.	7234.
25	1113.	6889.	0.	0.	6889.	2088.1	56.	6945.
26	1113.	6709.	0.	0.	6709.	2085.1	56.	6765.
27	1064.	6566.	0.	0.	6566.	2082.1	67.	6633.
28	1113.	6340.	0.	0.	6340.	2079.4	71.	6411.
29	1228.	6069.	0.	0.	6069.	2076.8	77.	6146.
30	1545.	5695.	0.	0.	5695.	2074.6	95.	5790.
31	2451.	5270.	0.	0.	5270.	2073.1	187.	5457.
32	4633.	5048.	0.	0.	5048.	2072.9	365.	5413.
33	10811.	5226.	0.	0.	5226.	2075.8	851.	6077.
34	17246.	4969.	0.	0.	4969.	2082.4	1358.	6327.
35	28470.	4751.	0.	0.	4751.	2095.0	2193.	6944.
36	25470.	4516.	0.	0.	4516.	2105.2	1213.	5729.
37	21379.	5336.	0.	0.	5336.	2112.4	1018.	6354.
38	19302.	5193.	0.	0.	5193.	2118.8	918.	6111.
39	23880.	6169.	0.	0.	6169.	2126.7	1138.	7307.
40	22832.	5988.	0.	0.	5988.	2134.3	2250.	8238.
41	22584.	6019.	0.	0.	6019.	2141.8	2227.	8246.
42	27495.	6078.	0.	0.	6078.	2151.2	2710.	8788.
43	28100.	6186.	0.	0.	6186.	2159.5	2768.	8954.
44	21732.	6559.	0.	0.	6559.	2165.3	3135.	9694.
45	20346.	6356.	0.	0.	6356.	2170.6	2980.	9336.
46	16431.	6067.	0.	0.	6067.	2174.5	2407.	8474.
47	13993.	6325.	0.	0.	6325.	2177.4	2050.	8375.
48	12415.	6611.	0.	0.	6611.	2179.6	1817.	8428.
49	7911.	7198.	0.	0.	7198.	2179.9	923.	8121.
50	7704.	7370.	0.	0.	7370.	2180.0	902.	8272.
51	11339.	7338.	0.	0.	7338.	2181.5	1324.	8662.
52	8978.	7599.	0.	0.	7599.	2182.1	1049.	8648.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1980 1	6672.	7221.	0.	0.	7221.	2181.9	814.	8035.
2	8469.	7534.	0.	0.	7534.	2182.3	1032.	8566.
3	5948.	7877.	0.	0.	7877.	2181.6	725.	8602.
4	4395.	8369.	0.	0.	8369.	2180.0	535.	8904.
5	4084.	8797.	0.	0.	8797.	2178.3	504.	9301.
6	3698.	9279.	0.	0.	9279.	2176.1	450.	9729.
7	4120.	9765.	0.	0.	9765.	2174.0	501.	10266.
8	2949.	11278.	0.	0.	11278.	2170.8	360.	11638.
9	2811.	11686.	0.	0.	11686.	2167.5	340.	12026.
10	2297.	12249.	0.	0.	12249.	2163.7	279.	12528.
11	2069.	12525.	0.	0.	12525.	2159.7	252.	12777.
12	1890.	12186.	0.	0.	12186.	2155.8	229.	12415.
13	1711.	11559.	0.	0.	11559.	2152.1	207.	11766.
14	1607.	11245.	0.	0.	11245.	2148.1	194.	11439.
15	1535.	11233.	0.	0.	11233.	2143.7	187.	11420.
16	1451.	11221.	0.	0.	11221.	2139.3	177.	11398.
17	1379.	11209.	0.	0.	11209.	2134.9	168.	11377.
18	1345.	11187.	0.	0.	11187.	2130.5	162.	11349.
19	1285.	11219.	0.	0.	11219.	2126.0	155.	11374.
20	1224.	11177.	0.	0.	11177.	2121.5	148.	11325.
21	1176.	11133.	0.	0.	11133.	2117.1	143.	11276.
22	1175.	11012.	0.	0.	11012.	2112.6	145.	11157.
23	1177.	10498.	0.	0.	10498.	2108.5	144.	10642.
24	1177.	10156.	0.	0.	10156.	2104.4	144.	10300.
25	1177.	9810.	0.	0.	9810.	2100.5	144.	9954.
26	1177.	9619.	0.	0.	9619.	2096.1	144.	9763.
27	1122.	9485.	0.	0.	9485.	2091.7	138.	9623.
28	1122.	9231.	0.	0.	9231.	2087.4	138.	9369.
29	1179.	8970.	0.	0.	8970.	2083.2	145.	9115.
30	1604.	8543.	0.	0.	8543.	2079.5	196.	8739.
31	3462.	7904.	0.	0.	7904.	2077.2	413.	8317.
32	8212.	7572.	0.	0.	7572.	2077.5	1000.	8572.
33	11764.	7473.	0.	0.	7473.	2079.8	1432.	8905.
34	10518.	7436.	0.	0.	7436.	2081.4	1283.	8719.
35	16714.	6964.	0.	0.	6964.	2086.6	2054.	9018.
36	25823.	6318.	0.	0.	6318.	2097.0	3150.	9468.
37	20349.	6403.	0.	0.	6403.	2103.7	2482.	8885.
38	26351.	6001.	0.	0.	6001.	2112.9	3214.	9215.
39	22988.	6022.	0.	0.	6022.	2120.5	2804.	8826.
40	26281.	4990.	0.	0.	4990.	2130.1	3220.	8210.
41	26663.	5016.	0.	0.	5016.	2139.8	3270.	8286.
42	28137.	5285.	0.	0.	5285.	2150.1	3448.	8733.
43	25275.	5429.	0.	0.	5429.	2157.6	3097.	8526.
44	28150.	5566.	0.	0.	5566.	2166.2	3290.	8856.
45	19051.	5999.	0.	0.	5999.	2171.2	2351.	8350.
46	18006.	6147.	0.	0.	6147.	2175.7	2224.	8371.
47	16331.	6334.	0.	0.	6334.	2179.5	2015.	8349.
48	11948.	6762.	0.	0.	6762.	2181.4	1465.	8227.
49	8723.	7125.	0.	0.	7125.	2182.0	1063.	8188.
50	9329.	7251.	0.	0.	7251.	2182.8	1136.	8387.
51	15679.	8746.	0.	1237.	9983.	2185.0	1913.	11896.
52	10243.	8824.	0.	1419.	10243.	2185.0	1249.	11492.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1981 1	8532.	8532.	0.	0.	8532.	2185.0	902.	9434.
2	7605.	8571.	0.	0.	8571.	2184.6	804.	9375.
3	6326.	9057.	0.	0.	9057.	2183.6	668.	9725.
4	5214.	9539.	0.	0.	9539.	2182.0	551.	10090.
5	3950.	9978.	0.	0.	9978.	2179.7	439.	10417.
6	3534.	10427.	0.	0.	10427.	2177.0	395.	10822.
7	2637.	10888.	0.	0.	10888.	2173.9	295.	11183.
8	2685.	11306.	0.	0.	11306.	2170.6	300.	11606.
9	2707.	11711.	0.	0.	11711.	2167.2	291.	12002.
10	2175.	12361.	0.	0.	12361.	2163.3	41.	12402.
11	1678.	12630.	0.	0.	12630.	2159.2	32.	12662.
12	1578.	12283.	0.	0.	12283.	2155.1	30.	12313.
13	1516.	11647.	0.	0.	11647.	2151.3	30.	11677.
14	1448.	11307.	0.	0.	11307.	2147.1	76.	11383.
15	1684.	11288.	0.	0.	11288.	2142.8	91.	11379.
16	1961.	11263.	0.	0.	11263.	2138.6	105.	11368.
17	2118.	11241.	0.	0.	11241.	2134.5	114.	11355.
18	2142.	11210.	0.	0.	11210.	2130.4	120.	11330.
19	1911.	11136.	0.	0.	11136.	2126.2	329.	11465.
20	1594.	11114.	0.	0.	11114.	2122.0	274.	11388.
21	1265.	11093.	0.	0.	11093.	2117.5	219.	11312.
22	1190.	10981.	0.	0.	10981.	2113.1	201.	11182.
23	1194.	10468.	0.	0.	10468.	2109.0	197.	10665.
24	1274.	10119.	0.	0.	10119.	2105.0	210.	10329.
25	1297.	9772.	0.	0.	9772.	2101.2	213.	9985.
26	1314.	9578.	0.	0.	9578.	2097.0	215.	9793.
27	1238.	9442.	0.	0.	9442.	2092.6	211.	9653.
28	1291.	9184.	0.	0.	9184.	2088.4	219.	9403.
29	1373.	8917.	0.	0.	8917.	2084.4	235.	9152.
30	1779.	8543.	0.	0.	8543.	2080.8	304.	8847.
31	4737.	7904.	0.	0.	7904.	2079.1	459.	8363.
32	17566.	7430.	0.	0.	7430.	2084.5	1673.	9103.
33	17640.	7293.	0.	0.	7293.	2090.0	1681.	8974.
34	11625.	7452.	0.	0.	7452.	2092.2	1108.	8560.
35	19077.	7014.	0.	0.	7014.	2098.7	1807.	8821.
36	16465.	6774.	0.	0.	6774.	2103.2	1626.	8400.
37	14949.	6403.	0.	0.	6403.	2107.1	1476.	7879.
38	16085.	6232.	0.	0.	6232.	2111.5	1589.	7821.
39	18788.	6169.	0.	0.	6169.	2117.2	1856.	8025.
40	14090.	4990.	0.	0.	4990.	2121.3	2067.	7057.
41	33261.	5016.	0.	0.	5016.	2134.0	4877.	9893.
42	32516.	4689.	0.	0.	4689.	2146.5	4767.	9456.
43	29007.	4904.	0.	0.	4904.	2156.2	4251.	9155.
44	31168.	4828.	0.	0.	4828.	2166.2	4899.	9727.
45	30077.	4949.	0.	0.	4949.	2175.7	4627.	9576.
46	38871.	8063.	0.	6438.	14501.	2185.0	5981.	20482.
47	30803.	8383.	0.	22420.	30803.	2185.0	4738.	35541.
48	20647.	8845.	0.	11802.	20647.	2185.0	3185.	23832.
49	15158.	9268.	0.	5890.	15158.	2185.0	1735.	16893.
50	12220.	9873.	0.	2347.	12220.	2185.0	1400.	13620.
51	10197.	10197.	0.	0.	10197.	2185.0	1169.	11366.
52	8299.	8299.	0.	0.	8299.	2185.0	952.	9251.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1982 1	5901.	8214.	0.	0.	8214.	2184.1	668.	8882.
2	5560.	8657.	0.	0.	8657.	2182.9	630.	9287.
3	5713.	9077.	0.	0.	9077.	2181.7	648.	9725.
4	6627.	8369.	0.	0.	8369.	2181.0	749.	9118.
5	3364.	8797.	0.	0.	8797.	2178.9	777.	9574.
6	2845.	9279.	0.	0.	9279.	2176.5	668.	9947.
7	2782.	9765.	0.	0.	9765.	2173.8	654.	10419.
8	2339.	11193.	0.	0.	11193.	2170.5	550.	11743.
9	2057.	11627.	0.	0.	11627.	2166.8	477.	12104.
10	1971.	12219.	0.	0.	12219.	2163.0	357.	12576.
11	1860.	12494.	0.	0.	12494.	2158.9	333.	12827.
12	1794.	12150.	0.	0.	12150.	2155.0	321.	12471.
13	1794.	11513.	0.	0.	11513.	2151.3	321.	11834.
14	1697.	11161.	0.	0.	11161.	2147.3	387.	11548.
15	1695.	11147.	0.	0.	11147.	2143.0	388.	11535.
16	1695.	11129.	0.	0.	11129.	2138.8	388.	11517.
17	1695.	11110.	0.	0.	11110.	2134.5	388.	11498.
18	1729.	11088.	0.	0.	11088.	2130.3	377.	11465.
19	1662.	11080.	0.	0.	11080.	2126.1	449.	11529.
20	1213.	11090.	0.	0.	11090.	2121.7	329.	11419.
21	881.	11088.	0.	0.	11088.	2117.1	238.	11326.
22	767.	10980.	0.	0.	10980.	2112.5	215.	11195.
23	826.	10485.	0.	0.	10485.	2108.1	175.	10660.
24	826.	10145.	0.	0.	10145.	2103.9	175.	10320.
25	874.	9795.	0.	0.	9795.	2099.9	186.	9981.
26	1123.	9577.	0.	0.	9577.	2095.4	240.	9817.
27	956.	9398.	0.	0.	9398.	2090.9	330.	9728.
28	956.	9144.	0.	0.	9144.	2086.6	330.	9474.
29	1057.	8870.	0.	0.	8870.	2082.4	363.	9233.
30	1403.	8543.	0.	0.	8543.	2078.6	483.	9026.
31	2641.	7904.	0.	0.	7904.	2075.8	394.	8298.
32	6274.	7572.	0.	0.	7572.	2075.1	933.	8505.
33	11618.	7342.	0.	0.	7342.	2077.4	1727.	9069.
34	15603.	6932.	0.	0.	6932.	2082.0	2317.	9249.
35	17916.	6676.	0.	0.	6676.	2088.0	2627.	9304.
36	21638.	6384.	0.	0.	6384.	2096.1	3012.	9396.
37	18090.	6403.	0.	0.	6403.	2102.0	2519.	8922.
38	23883.	5960.	0.	0.	5960.	2110.0	3326.	9286.
39	23173.	5834.	0.	0.	5834.	2117.8	3229.	9063.
40	16689.	4990.	0.	0.	4990.	2123.1	2021.	7011.
41	20637.	5016.	0.	0.	5016.	2130.1	2499.	7515.
42	20979.	5065.	0.	0.	5065.	2137.3	2542.	7607.
43	23533.	5155.	0.	0.	5155.	2145.5	2853.	8008.
44	20306.	5466.	0.	0.	5466.	2151.9	1997.	7463.
45	13970.	5586.	0.	0.	5586.	2155.0	1416.	7002.
46	12157.	5759.	0.	0.	5759.	2157.5	1231.	6990.
47	10610.	5988.	0.	0.	5988.	2159.2	1074.	7062.
48	11835.	6318.	0.	0.	6318.	2161.3	1200.	7518.
49	10670.	5296.	0.	0.	5296.	2163.4	1878.	7174.
50	13360.	5642.	0.	0.	5642.	2166.3	2353.	7995.
51	21010.	5830.	0.	0.	5830.	2172.1	3702.	9532.
52	11582.	5882.	0.	0.	5882.	2174.5	2038.	7920.

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	DEVIL CANYON INFLOW
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1983 1	7782.	5777.	0.	0.	5777.	2175.3	1709.	7486.
2	6119.	6027.	0.	0.	6027.	2175.3	1345.	7372.
3	4982.	6302.	0.	0.	6302.	2174.8	1095.	7397.
4	2921.	6695.	0.	0.	6695.	2173.4	641.	7376.
5	2384.	7038.	0.	0.	7038.	2171.6	376.	7414.
6	2252.	7423.	0.	0.	7423.	2169.7	338.	7761.
7	2137.	7812.	0.	0.	7812.	2167.5	321.	8133.
8	1997.	10205.	0.	0.	10205.	2164.4	300.	10505.
9	1944.	10624.	0.	0.	10624.	2161.1	291.	10915.
10	1850.	11171.	0.	0.	11171.	2157.6	292.	11463.
11	1850.	11445.	0.	0.	11445.	2153.9	292.	11737.
12	1850.	11109.	0.	0.	11109.	2150.4	292.	11401.
13	1965.	10479.	0.	0.	10479.	2146.6	309.	10788.
14	2201.	10115.	0.	0.	10115.	2143.1	368.	10483.
15	1906.	10103.	0.	0.	10103.	2139.4	319.	10422.
16	1690.	10105.	0.	0.	10105.	2135.6	284.	10389.
17	1588.	10080.	0.	0.	10080.	2131.8	266.	10346.
18	1553.	10053.	0.	0.	10053.	2128.0	260.	10313.
19	1535.	10051.	0.	0.	10051.	2124.1	234.	10285.
20	1650.	10016.	0.	0.	10016.	2120.4	252.	10268.
21	1685.	9959.	0.	0.	9959.	2116.7	257.	10216.
22	1583.	9835.	0.	0.	9835.	2112.9	238.	10073.
23	1534.	9325.	0.	0.	9325.	2109.4	176.	9501.
24	1437.	8972.	0.	0.	8972.	2106.1	165.	9137.
25	1389.	8611.	0.	0.	8611.	2102.8	159.	8770.
26	1280.	8386.	0.	0.	8386.	2099.5	147.	8533.
27	1185.	8208.	0.	0.	8208.	2095.8	156.	8364.
28	1208.	7925.	0.	0.	7925.	2092.2	158.	8083.
29	1411.	7586.	0.	0.	7586.	2088.9	185.	7771.
30	1907.	7119.	0.	0.	7119.	2086.2	251.	7370.
31	3484.	6587.	0.	0.	6587.	2084.5	612.	7199.
32	8419.	6310.	0.	0.	6310.	2085.6	1528.	7838.
33	14537.	6533.	0.	0.	6533.	2089.9	2639.	9172.
34	12909.	6211.	0.	0.	6211.	2093.5	2344.	8555.
35	18671.	5939.	0.	0.	5939.	2100.2	3325.	9264.
36	23758.	5645.	0.	0.	5645.	2108.3	2687.	8332.
37	17019.	6403.	0.	0.	6403.	2113.1	1923.	8326.
38	20754.	6232.	0.	0.	6232.	2119.6	2348.	8580.
39	20568.	6169.	0.	0.	6169.	2126.1	2326.	8495.
40	22463.	5988.	0.	0.	5988.	2133.5	1769.	7757.
41	19352.	6019.	0.	0.	6019.	2139.5	1523.	7542.
42	16152.	5809.	0.	0.	5809.	2144.2	1271.	7080.
43	17431.	5870.	0.	0.	5870.	2149.4	1370.	7240.
44	17935.	6478.	0.	0.	6478.	2153.8	2009.	8487.
45	22829.	6582.	0.	0.	6582.	2160.0	2559.	9141.
46	21149.	6432.	0.	0.	6432.	2165.6	2371.	8803.
47	18683.	6340.	0.	0.	6340.	2170.3	2095.	8435.
48	22728.	6297.	0.	0.	6297.	2176.5	2556.	8853.
49	15528.	6642.	0.	0.	6642.	2179.9	2163.	8805.
50	9607.	7170.	0.	0.	7170.	2180.8	1339.	8509.
51	8465.	7402.	0.	0.	7402.	2181.2	1179.	8581.
52	9728.	7460.	0.	0.	7460.	2182.2	1357.	8817.

**TABLE 10**

TABLE 10

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE	ENVIRON. EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1951 1	6258.	5745.	0.	0.	5745.	1427.9	255.	6000.
2	6458.	5774.	0.	0.	5774.	1429.3	226.	6000.
3	6677.	4802.	0.	0.	4802.	1433.1	198.	5000.
4	6909.	3887.	0.	0.	3887.	1439.2	113.	4000.
5	7180.	2919.	0.	0.	2919.	1447.9	81.	3000.
6	7555.	3393.	0.	0.	3393.	1455.0	78.	3471.
7	7936.	7936.	0.	0.	7936.	1455.0	73.	8009.
8	8281.	8281.	0.	0.	8281.	1455.0	70.	8351.
9	8610.	8610.	0.	0.	8610.	1455.0	66.	8676.
10	9063.	9063.	0.	0.	9063.	1455.0	71.	9134.
11	9282.	9282.	0.	0.	9282.	1455.0	71.	9353.
12	9013.	9013.	0.	0.	9013.	1455.0	71.	9084.
13	8509.	8509.	0.	0.	8509.	1455.0	71.	8580.
14	8192.	8192.	0.	0.	8192.	1455.0	52.	8244.
15	8181.	8181.	0.	0.	8181.	1455.0	49.	8230.
16	8183.	8183.	0.	0.	8183.	1455.0	49.	8232.
17	8163.	8163.	0.	0.	8163.	1455.0	49.	8212.
18	8134.	8134.	0.	0.	8134.	1455.0	51.	8185.
19	8137.	8137.	0.	0.	8137.	1455.0	57.	8194.
20	8109.	8109.	0.	0.	8109.	1455.0	57.	8166.
21	8063.	8063.	0.	0.	8063.	1455.0	57.	8120.
22	7959.	7959.	0.	0.	7959.	1455.0	54.	8013.
23	7535.	7535.	0.	0.	7535.	1455.0	47.	7582.
24	7253.	7253.	0.	0.	7253.	1455.0	47.	7300.
25	6964.	6964.	0.	0.	6964.	1455.0	47.	7011.
26	6784.	6784.	0.	0.	6784.	1455.0	47.	6831.
27	6656.	6656.	0.	0.	6656.	1455.0	142.	6798.
28	6452.	6452.	0.	0.	6452.	1455.0	185.	6637.
29	6245.	6245.	0.	0.	6245.	1455.0	282.	6527.
30	6000.	6000.	0.	0.	6000.	1455.0	491.	6491.
31	5925.	5925.	0.	0.	5925.	1455.0	579.	6504.
32	6980.	6980.	0.	0.	6980.	1455.0	1059.	8039.
33	7375.	7375.	0.	0.	7375.	1455.0	1177.	8552.
34	6036.	6036.	0.	0.	6036.	1455.0	585.	6621.
35	6617.	6617.	0.	0.	6617.	1455.0	977.	7594.
36	6543.	8180.	0.	0.	8180.	1452.4	820.	9000.
37	5730.	8408.	0.	0.	8408.	1447.6	592.	9000.
38	5084.	8625.	0.	0.	8625.	1440.4	375.	9000.
39	5423.	8471.	0.	0.	8471.	1434.2	529.	9000.
40	6604.	8349.	0.	0.	8349.	1430.6	651.	9000.
41	6913.	8236.	0.	0.	8236.	1427.9	764.	9000.
42	6881.	8270.	0.	0.	8270.	1425.1	730.	9000.
43	6823.	8328.	0.	0.	8328.	1422.0	672.	9000.
44	7634.	7630.	0.	0.	7630.	1422.1	1370.	9000.
45	7389.	7602.	0.	0.	7602.	1421.6	1398.	9000.
46	7676.	7515.	0.	0.	7515.	1421.9	1485.	9000.
47	7863.	7546.	0.	0.	7546.	1422.6	1454.	9000.
48	8947.	7077.	0.	0.	7077.	1426.4	1923.	9000.
49	10343.	6197.	0.	0.	6197.	1434.8	1803.	8000.
50	9365.	5879.	0.	0.	5879.	1441.9	1121.	7000.
51	9678.	4842.	0.	0.	4842.	1451.4	1158.	6000.
52	9375.	7398.	0.	0.	7398.	1455.0	980.	8378.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1952 1	8240.	8240.	0.	0.	8240.	1455.0	651.	8891.
2	8214.	8214.	0.	0.	8214.	1455.0	436.	8650.
3	8372.	8372.	0.	0.	8372.	1455.0	317.	8689.
4	8754.	8754.	0.	0.	8754.	1455.0	246.	9000.
5	9279.	9279.	0.	0.	9279.	1455.0	225.	9504.
6	9721.	9721.	0.	0.	9721.	1455.0	153.	9874.
7	10093.	10093.	0.	0.	10093.	1455.0	113.	10206.
8	10528.	10528.	0.	0.	10528.	1455.0	112.	10640.
9	10923.	10923.	0.	0.	10923.	1455.0	126.	11049.
10	11426.	11426.	0.	0.	11426.	1455.0	156.	11582.
11	11700.	11700.	0.	0.	11700.	1455.0	156.	11856.
12	11364.	11364.	0.	0.	11364.	1455.0	156.	11520.
13	10734.	10734.	0.	0.	10734.	1455.0	156.	10890.
14	10333.	10333.	0.	0.	10333.	1455.0	96.	10429.
15	10316.	10316.	0.	0.	10316.	1455.0	88.	10404.
16	10318.	10318.	0.	0.	10318.	1455.0	88.	10406.
17	10293.	10293.	0.	0.	10293.	1455.0	88.	10381.
18	10226.	10226.	0.	0.	10226.	1455.0	101.	10327.
19	10145.	10145.	0.	0.	10145.	1455.0	87.	10232.
20	10110.	10110.	0.	0.	10110.	1455.0	87.	10197.
21	10053.	10053.	0.	0.	10053.	1455.0	87.	10140.
22	9927.	9927.	0.	0.	9927.	1455.0	73.	10000.
23	9418.	9418.	0.	0.	9418.	1455.0	57.	9475.
24	9065.	9065.	0.	0.	9065.	1455.0	57.	9122.
25	8704.	8704.	0.	0.	8704.	1455.0	57.	8761.
26	8479.	8479.	0.	0.	8479.	1455.0	57.	8536.
27	8277.	8277.	0.	0.	8277.	1455.0	55.	8332.
28	7994.	7994.	0.	0.	7994.	1455.0	55.	8049.
29	7655.	7655.	0.	0.	7655.	1455.0	55.	7710.
30	7188.	7188.	0.	0.	7188.	1455.0	55.	7243.
31	6748.	6748.	0.	0.	6748.	1455.0	121.	6869.
32	6526.	6526.	0.	0.	6526.	1455.0	166.	6692.
33	6828.	6828.	0.	0.	6828.	1455.0	227.	7055.
34	6848.	6848.	0.	0.	6848.	1455.0	492.	7340.
35	8963.	8963.	0.	0.	8963.	1455.0	2121.	11084.
36	8904.	8904.	0.	0.	8904.	1455.0	1663.	10567.
37	9950.	9950.	0.	0.	9950.	1455.0	2355.	12305.
38	10168.	10168.	0.	0.	10168.	1455.0	2553.	12721.
39	9572.	9572.	0.	0.	9572.	1455.0	2259.	11831.
40	7918.	7918.	0.	0.	7918.	1455.0	1174.	9092.
41	7098.	8167.	0.	0.	8167.	1453.3	833.	9000.
42	7725.	7935.	0.	0.	7935.	1453.0	1065.	9000.
43	8037.	7846.	0.	0.	7846.	1453.3	1154.	9000.
44	9269.	8181.	0.	0.	8181.	1455.0	2713.	10894.
45	8563.	8563.	0.	0.	8563.	1455.0	2499.	11062.
46	8342.	8342.	0.	0.	8342.	1455.0	1964.	10306.
47	8166.	8166.	0.	0.	8166.	1455.0	1489.	9655.
48	8483.	8483.	0.	0.	8483.	1455.0	1545.	10028.
49	9027.	9027.	0.	0.	9027.	1455.0	793.	9820.
50	8735.	8735.	0.	0.	8735.	1455.0	535.	9270.
51	8767.	8767.	0.	0.	8767.	1455.0	462.	9229.
52	9061.	9061.	0.	0.	9061.	1455.0	554.	9615.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1953 1	8911.	8911.	0.	0.	8911.	1455.0	894.	9805.
2	9109.	9109.	0.	0.	9109.	1455.0	833.	9942.
3	8974.	8974.	0.	0.	8974.	1455.0	580.	9554.
4	9168.	9168.	0.	0.	9168.	1455.0	423.	9591.
5	9489.	9489.	0.	0.	9489.	1455.0	360.	9849.
6	9860.	9860.	0.	0.	9860.	1455.0	299.	10159.
7	10138.	10138.	0.	0.	10138.	1455.0	192.	10330.
8	10662.	10662.	0.	0.	10662.	1455.0	234.	10896.
9	10952.	10952.	0.	0.	10952.	1455.0	188.	11140.
10	11439.	11439.	0.	0.	11439.	1455.0	182.	11621.
11	11713.	11713.	0.	0.	11713.	1455.0	182.	11895.
12	11377.	11377.	0.	0.	11377.	1455.0	182.	11559.
13	10747.	10747.	0.	0.	10747.	1455.0	182.	10929.
14	10311.	10311.	0.	0.	10311.	1455.0	110.	10421.
15	10284.	10284.	0.	0.	10284.	1455.0	99.	10383.
16	10286.	10286.	0.	0.	10286.	1455.0	99.	10385.
17	10261.	10261.	0.	0.	10261.	1455.0	99.	10360.
18	10213.	10213.	0.	0.	10213.	1455.0	98.	10311.
19	10181.	10181.	0.	0.	10181.	1455.0	92.	10273.
20	10146.	10146.	0.	0.	10146.	1455.0	92.	10238.
21	10089.	10089.	0.	0.	10089.	1455.0	92.	10181.
22	9966.	9966.	0.	0.	9966.	1455.0	83.	10049.
23	9417.	9417.	0.	0.	9417.	1455.0	50.	9467.
24	9064.	9064.	0.	0.	9064.	1455.0	50.	9114.
25	8703.	8703.	0.	0.	8703.	1455.0	50.	8753.
26	8478.	8478.	0.	0.	8478.	1455.0	50.	8528.
27	8237.	8237.	0.	0.	8237.	1455.0	415.	8652.
28	7954.	7954.	0.	0.	7954.	1455.0	415.	8369.
29	7634.	7634.	0.	0.	7634.	1455.0	671.	8305.
30	7195.	7195.	0.	0.	7195.	1455.0	1116.	8311.
31	8262.	8262.	0.	0.	8262.	1455.0	2447.	10709.
32	8795.	8795.	0.	0.	8795.	1455.0	663.	9458.
33	8794.	8794.	0.	0.	8794.	1455.0	604.	9398.
34	9974.	9974.	0.	0.	9974.	1455.0	1040.	11014.
35	9002.	9002.	0.	0.	9002.	1455.0	1028.	10030.
36	10267.	10267.	0.	0.	10267.	1455.0	2431.	12698.
37	9551.	9551.	0.	0.	9551.	1455.0	1877.	11428.
38	9057.	9057.	0.	0.	9057.	1455.0	1528.	10585.
39	9170.	9170.	0.	0.	9170.	1455.0	1789.	10959.
40	7725.	7885.	0.	0.	7885.	1454.7	1115.	9000.
41	7586.	7991.	0.	0.	7991.	1454.1	1009.	9000.
42	7728.	7904.	0.	0.	7904.	1453.8	1096.	9000.
43	7823.	7861.	0.	0.	7861.	1453.8	1139.	9000.
44	9134.	8355.	0.	0.	8355.	1455.0	1638.	9993.
45	8586.	8586.	0.	0.	8586.	1455.0	1282.	9868.
46	8389.	8389.	0.	0.	8389.	1455.0	1027.	9416.
47	8521.	8521.	0.	0.	8521.	1455.0	1057.	9578.
48	8931.	8931.	0.	0.	8931.	1455.0	1309.	10240.
49	9276.	9276.	0.	0.	9276.	1455.0	1737.	11013.
50	9283.	9283.	0.	0.	9283.	1455.0	1583.	10866.
51	9191.	9191.	0.	0.	9191.	1455.0	1320.	10511.
52	9033.	9033.	0.	0.	9033.	1455.0	1006.	10039.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1954 1	8515.	8515.	0.	0.	8515.	1455.0	699.	9214.
2	8606.	8606.	0.	0.	8606.	1455.0	581.	9187.
3	8663.	8663.	0.	0.	8663.	1455.0	426.	9089.
4	8995.	8995.	0.	0.	8995.	1455.0	340.	9335.
5	9175.	9175.	0.	0.	9175.	1455.0	202.	9377.
6	9626.	9626.	0.	0.	9626.	1455.0	186.	9812.
7	10085.	10085.	0.	0.	10085.	1455.0	172.	10257.
8	10504.	10504.	0.	0.	10504.	1455.0	161.	10665.
9	10896.	10896.	0.	0.	10896.	1455.0	153.	11049.
10	11371.	11371.	0.	0.	11371.	1455.0	126.	11497.
11	11645.	11645.	0.	0.	11645.	1455.0	126.	11771.
12	11309.	11309.	0.	0.	11309.	1455.0	126.	11435.
13	10679.	10679.	0.	0.	10679.	1455.0	126.	10805.
14	10255.	10255.	0.	0.	10255.	1455.0	69.	10324.
15	10240.	10240.	0.	0.	10240.	1455.0	64.	10304.
16	10242.	10242.	0.	0.	10242.	1455.0	64.	10306.
17	10217.	10217.	0.	0.	10217.	1455.0	64.	10281.
18	10176.	10176.	0.	0.	10176.	1455.0	66.	10242.
19	10180.	10180.	0.	0.	10180.	1455.0	77.	10257.
20	10145.	10145.	0.	0.	10145.	1455.0	77.	10222.
21	10088.	10088.	0.	0.	10088.	1455.0	77.	10165.
22	9953.	9953.	0.	0.	9953.	1455.0	72.	10025.
23	9413.	9413.	0.	0.	9413.	1455.0	62.	9475.
24	9060.	9060.	0.	0.	9060.	1455.0	62.	9122.
25	8699.	8699.	0.	0.	8699.	1455.0	62.	8761.
26	8474.	8474.	0.	0.	8474.	1455.0	62.	8536.
27	8287.	8287.	0.	0.	8287.	1455.0	285.	8572.
28	8004.	8004.	0.	0.	8004.	1455.0	285.	8289.
29	7722.	7722.	0.	0.	7722.	1455.0	490.	8212.
30	7265.	7265.	0.	0.	7265.	1455.0	524.	7789.
31	7867.	7867.	0.	0.	7867.	1455.0	1155.	9022.
32	8923.	8923.	0.	0.	8923.	1455.0	1152.	10075.
33	10333.	10333.	0.	0.	10333.	1455.0	1865.	12198.
34	10524.	10524.	0.	0.	10524.	1455.0	2140.	12664.
35	10297.	10297.	0.	0.	10297.	1455.0	2170.	12467.
36	9291.	9291.	0.	0.	9291.	1455.0	2012.	11303.
37	8839.	8839.	0.	0.	8839.	1455.0	1932.	10771.
38	8551.	8551.	0.	0.	8551.	1455.0	1854.	10405.
39	9225.	9225.	0.	0.	9225.	1455.0	2252.	11477.
40	7296.	7296.	0.	0.	7296.	1455.0	2873.	10169.
41	6857.	6857.	0.	0.	6857.	1455.0	2292.	9149.
42	6855.	6855.	0.	0.	6855.	1455.0	2229.	9084.
43	6945.	6945.	0.	0.	6945.	1455.0	2229.	9174.
44	9532.	9532.	0.	0.	9532.	1455.0	2133.	11665.
45	9091.	9091.	0.	0.	9091.	1455.0	377.	9468.
46	9179.	9179.	0.	0.	9179.	1455.0	377.	9556.
47	9268.	9268.	0.	0.	9268.	1455.0	377.	9645.
48	9357.	9357.	0.	0.	9357.	1455.0	650.	10007.
49	9321.	9321.	0.	0.	9321.	1455.0	1998.	11319.
50	9247.	9247.	0.	0.	9247.	1455.0	1718.	10965.
51	9312.	9312.	0.	0.	9312.	1455.0	1601.	10913.
52	8915.	8915.	0.	0.	8915.	1455.0	1028.	9943.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1955 1	6984.	6984.	0.	0.	6984.	1455.0	547.	7531.
2	7159.	7159.	0.	0.	7159.	1455.0	516.	7675.
3	7154.	7154.	0.	0.	7154.	1455.0	389.	7543.
4	7547.	7547.	0.	0.	7547.	1455.0	389.	7936.
5	7638.	7638.	0.	0.	7638.	1455.0	370.	8008.
6	7904.	7904.	0.	0.	7904.	1455.0	363.	8267.
7	8267.	8267.	0.	0.	8267.	1455.0	342.	8609.
8	8565.	8565.	0.	0.	8565.	1455.0	303.	8868.
9	8883.	8883.	0.	0.	8883.	1455.0	274.	9157.
10	9275.	9275.	0.	0.	9275.	1455.0	205.	9480.
11	9488.	9488.	0.	0.	9488.	1455.0	201.	9689.
12	9179.	9179.	0.	0.	9179.	1455.0	177.	9356.
13	8675.	8675.	0.	0.	8675.	1455.0	177.	8852.
14	10407.	10407.	0.	0.	10407.	1455.0	148.	10555.
15	10397.	10397.	0.	0.	10397.	1455.0	145.	10542.
16	10356.	10356.	0.	0.	10356.	1455.0	125.	10481.
17	10314.	10314.	0.	0.	10314.	1455.0	117.	10431.
18	10275.	10275.	0.	0.	10275.	1455.0	113.	10388.
19	10279.	10279.	0.	0.	10279.	1455.0	120.	10399.
20	10244.	10244.	0.	0.	10244.	1455.0	120.	10364.
21	10187.	10187.	0.	0.	10187.	1455.0	120.	10307.
22	10039.	10039.	0.	0.	10039.	1455.0	118.	10157.
23	9456.	9456.	0.	0.	9456.	1455.0	90.	9546.
24	9103.	9103.	0.	0.	9103.	1455.0	90.	9193.
25	8742.	8742.	0.	0.	8742.	1455.0	90.	8832.
26	8517.	8517.	0.	0.	8517.	1455.0	90.	8607.
27	8342.	8342.	0.	0.	8342.	1455.0	238.	8580.
28	8059.	8059.	0.	0.	8059.	1455.0	238.	8297.
29	7720.	7720.	0.	0.	7720.	1455.0	238.	7958.
30	7253.	7253.	0.	0.	7253.	1455.0	238.	7491.
31	7205.	7205.	0.	0.	7205.	1455.0	420.	7625.
32	7139.	7139.	0.	0.	7139.	1455.0	350.	7489.
33	7500.	7500.	0.	0.	7500.	1455.0	408.	7908.
34	9105.	9105.	0.	0.	9105.	1455.0	1223.	10328.
35	9122.	9122.	0.	0.	9122.	1455.0	1475.	10597.
36	7761.	7794.	0.	0.	7794.	1454.9	1206.	9000.
37	8784.	8751.	0.	0.	8751.	1455.0	1968.	10719.
38	8934.	8934.	0.	0.	8934.	1455.0	2135.	11069.
39	8646.	8646.	0.	0.	8646.	1455.0	1998.	10644.
40	8124.	8124.	0.	0.	8124.	1455.0	1392.	9516.
41	8358.	8358.	0.	0.	8358.	1455.0	1163.	9521.
42	7874.	8102.	0.	0.	8102.	1454.6	898.	9000.
43	8284.	8056.	0.	0.	8056.	1455.0	1075.	9131.
44	7231.	8489.	0.	0.	8489.	1453.0	511.	9000.
45	7097.	8533.	0.	0.	8533.	1450.7	467.	9000.
46	7326.	8522.	0.	0.	8522.	1448.5	478.	9000.
47	7845.	8417.	0.	0.	8417.	1447.3	583.	9000.
48	11311.	6864.	1085.	0.	7948.	1453.3	1052.	9000.
49	18609.	5653.	0.	11857.	17510.	1455.0	1062.	18572.
50	14219.	5254.	0.	8965.	14219.	1455.0	810.	15029.
51	11555.	5199.	0.	6356.	11555.	1455.0	659.	12214.
52	9100.	7221.	0.	1879.	9100.	1455.0	519.	9619.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	CANYON CONCRETE ENVIRON. RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1956 1	8959.	8959.	0.	0.	8959.	1455.0	368.	9327.
2	9269.	9269.	0.	0.	9269.	1455.0	272.	9541.
3	8361.	8361.	0.	0.	8361.	1455.0	222.	8583.
4	8787.	8787.	0.	0.	8787.	1455.0	190.	8977.
5	9060.	9060.	0.	0.	9060.	1455.0	161.	9221.
6	9496.	9496.	0.	0.	9496.	1455.0	162.	9658.
7	9965.	9965.	0.	0.	9965.	1455.0	148.	10113.
8	10382.	10382.	0.	0.	10382.	1455.0	130.	10512.
9	10788.	10788.	0.	0.	10788.	1455.0	116.	10904.
10	11341.	11341.	0.	0.	11341.	1455.0	103.	11444.
11	11615.	11615.	0.	0.	11615.	1455.0	103.	11718.
12	11279.	11279.	0.	0.	11279.	1455.0	103.	11382.
13	10649.	10649.	0.	0.	10649.	1455.0	103.	10752.
14	10225.	10225.	0.	0.	10225.	1455.0	68.	10293.
15	10206.	10206.	0.	0.	10206.	1455.0	67.	10273.
16	10208.	10208.	0.	0.	10208.	1455.0	67.	10275.
17	10183.	10183.	0.	0.	10183.	1455.0	67.	10250.
18	10158.	10158.	0.	0.	10158.	1455.0	62.	10220.
19	10193.	10193.	0.	0.	10193.	1455.0	78.	10271.
20	10158.	10158.	0.	0.	10158.	1455.0	78.	10236.
21	10101.	10101.	0.	0.	10101.	1455.0	78.	10179.
22	9975.	9975.	0.	0.	9975.	1455.0	78.	10053.
23	9485.	9485.	0.	0.	9485.	1455.0	91.	9576.
24	9132.	9132.	0.	0.	9132.	1455.0	91.	9223.
25	8771.	8771.	0.	0.	8771.	1455.0	91.	8862.
26	8546.	8546.	0.	0.	8546.	1455.0	91.	8637.
27	8337.	8337.	0.	0.	8337.	1455.0	180.	8517.
28	8054.	8054.	0.	0.	8054.	1455.0	180.	8234.
29	7715.	7715.	0.	0.	7715.	1455.0	180.	7895.
30	7248.	7248.	0.	0.	7248.	1455.0	180.	7428.
31	7009.	7009.	0.	0.	7009.	1455.0	294.	7303.
32	8282.	8282.	0.	0.	8282.	1455.0	945.	9227.
33	9349.	9349.	0.	0.	9349.	1455.0	1349.	10698.
34	10881.	10881.	0.	0.	10881.	1455.0	2684.	13565.
35	9733.	9733.	0.	0.	9733.	1455.0	1926.	11659.
36	9525.	9525.	0.	0.	9525.	1455.0	2283.	11808.
37	10240.	10240.	0.	0.	10240.	1455.0	2970.	13210.
38	9386.	9386.	0.	0.	9386.	1455.0	2181.	11567.
39	8982.	8982.	0.	0.	8982.	1455.0	1923.	10905.
40	8591.	8591.	0.	0.	8591.	1455.0	1651.	10242.
41	8681.	8681.	0.	0.	8681.	1455.0	1801.	10482.
42	8644.	8644.	0.	0.	8644.	1455.0	1819.	10463.
43	8586.	8586.	0.	0.	8586.	1455.0	1775.	10361.
44	9390.	9390.	0.	0.	9390.	1455.0	2399.	11789.
45	9487.	8926.	0.	561.	9487.	1455.0	2261.	11748.
46	23956.	6046.	0.	17910.	23956.	1455.0	2044.	26000.
47	19099.	5877.	0.	13222.	19099.	1455.0	1630.	20729.
48	16306.	5727.	0.	10579.	16306.	1455.0	1408.	17714.
49	14339.	5615.	0.	8724.	14339.	1455.0	1661.	16000.
50	20101.	5276.	0.	14825.	20101.	1455.0	2328.	22429.
51	19588.	5235.	0.	14353.	19588.	1455.0	2269.	21857.
52	12547.	5735.	0.	6812.	12547.	1455.0	1453.	14000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	CANYON ENVIRON. RELEASE	OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1957 1	9226.	9226.	0.	0.	9226.	1455.0	623.	9849.
2	9653.	9653.	0.	0.	9653.	1455.0	623.	10276.
3	9854.	9854.	0.	0.	9854.	1455.0	424.	10278.
4	9179.	9179.	0.	0.	9179.	1455.0	390.	9569.
5	9407.	9407.	0.	0.	9407.	1455.0	358.	9765.
6	9792.	9792.	0.	0.	9792.	1455.0	345.	10137.
7	10258.	10258.	0.	0.	10258.	1455.0	331.	10589.
8	10669.	10669.	0.	0.	10669.	1455.0	313.	10982.
9	11060.	11060.	0.	0.	11060.	1455.0	286.	11346.
10	11476.	11476.	0.	0.	11476.	1455.0	187.	11663.
11	11740.	11740.	0.	0.	11740.	1455.0	182.	11922.
12	11351.	11351.	0.	0.	11351.	1455.0	149.	11500.
13	10721.	10721.	0.	0.	10721.	1455.0	149.	10870.
14	11464.	11464.	0.	0.	11464.	1455.0	115.	11579.
15	11451.	11451.	0.	0.	11451.	1455.0	112.	11563.
16	11435.	11435.	0.	0.	11435.	1455.0	112.	11547.
17	11419.	11419.	0.	0.	11419.	1455.0	112.	11531.
18	11388.	11388.	0.	0.	11388.	1455.0	105.	11493.
19	11420.	11420.	0.	0.	11420.	1455.0	104.	11524.
20	11374.	11374.	0.	0.	11374.	1455.0	104.	11478.
21	11328.	11328.	0.	0.	11328.	1455.0	104.	11432.
22	11198.	11198.	0.	0.	11198.	1455.0	108.	11306.
23	10675.	10675.	0.	0.	10675.	1455.0	112.	10787.
24	10333.	10333.	0.	0.	10333.	1455.0	112.	10445.
25	9989.	9989.	0.	0.	9989.	1455.0	112.	10101.
26	9800.	9800.	0.	0.	9800.	1455.0	112.	9912.
27	9650.	9650.	0.	0.	9650.	1455.0	226.	9876.
28	9397.	9397.	0.	0.	9397.	1455.0	226.	9623.
29	9139.	9139.	0.	0.	9139.	1455.0	226.	9365.
30	8680.	8680.	0.	0.	8680.	1455.0	226.	8906.
31	8450.	8450.	0.	0.	8450.	1455.0	416.	8866.
32	8543.	8543.	0.	0.	8543.	1455.0	517.	9060.
33	8121.	8121.	0.	0.	8121.	1455.0	843.	8964.
34	9770.	9770.	0.	0.	9770.	1455.0	1887.	11657.
35	10601.	10601.	0.	0.	10601.	1455.0	2728.	13329.
36	9387.	9387.	0.	0.	9387.	1455.0	1954.	11341.
37	8642.	8642.	0.	0.	8642.	1455.0	1727.	10369.
38	8126.	8126.	0.	0.	8126.	1455.0	1532.	9658.
39	7150.	7952.	0.	0.	7952.	1453.7	1048.	9000.
40	7121.	7781.	0.	0.	7781.	1452.7	1219.	9000.
41	7976.	7880.	0.	0.	7880.	1452.8	1120.	9000.
42	8273.	7744.	0.	0.	7744.	1453.7	1256.	9000.
43	8568.	7731.	0.	0.	7731.	1455.0	1362.	9093.
44	8263.	8263.	0.	0.	8263.	1455.0	1187.	9450.
45	8271.	8271.	0.	0.	8271.	1455.0	1172.	9443.
46	8357.	8357.	0.	0.	8357.	1455.0	1166.	9523.
47	8355.	8355.	0.	0.	8355.	1455.0	1069.	9424.
48	8654.	8654.	0.	0.	8654.	1455.0	1190.	9844.
49	9338.	9338.	0.	0.	9338.	1455.0	1677.	11015.
50	9643.	9643.	0.	0.	9643.	1455.0	1830.	11473.
51	9740.	9740.	0.	0.	9740.	1455.0	1779.	11519.
52	9795.	9795.	0.	0.	9795.	1455.0	1708.	11503.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1958 1	8996.	8996.	0.	0.	8996.	1455.0	930.	9926.
2	9057.	9057.	0.	0.	9057.	1455.0	797.	9854.
3	9119.	9119.	0.	0.	9119.	1455.0	651.	9770.
4	9650.	9650.	0.	0.	9650.	1455.0	670.	10320.
5	9685.	9685.	0.	0.	9685.	1455.0	544.	10229.
6	10013.	10013.	0.	0.	10013.	1455.0	500.	10513.
7	10393.	10393.	0.	0.	10393.	1455.0	427.	10820.
8	11717.	11717.	0.	0.	11717.	1455.0	350.	12067.
9	12153.	12153.	0.	0.	12153.	1455.0	365.	12518.
10	12844.	12844.	0.	0.	12844.	1455.0	446.	13290.
11	13034.	13034.	0.	0.	13034.	1455.0	380.	13414.
12	12580.	12580.	0.	0.	12580.	1455.0	284.	12864.
13	11888.	11888.	0.	0.	11888.	1455.0	231.	12119.
14	11531.	11531.	0.	0.	11531.	1455.0	201.	11732.
15	11486.	11486.	0.	0.	11486.	1455.0	176.	11662.
16	11443.	11443.	0.	0.	11443.	1455.0	154.	11597.
17	11418.	11418.	0.	0.	11418.	1455.0	146.	11564.
18	11368.	11368.	0.	0.	11368.	1455.0	126.	11494.
19	11371.	11371.	0.	0.	11371.	1455.0	110.	11481.
20	11317.	11317.	0.	0.	11317.	1455.0	99.	11416.
21	11264.	11264.	0.	0.	11264.	1455.0	91.	11355.
22	11147.	11147.	0.	0.	11147.	1455.0	89.	11236.
23	10613.	10613.	0.	0.	10613.	1455.0	62.	10675.
24	10270.	10270.	0.	0.	10270.	1455.0	61.	10331.
25	9922.	9922.	0.	0.	9922.	1455.0	58.	9980.
26	9731.	9731.	0.	0.	9731.	1455.0	58.	9789.
27	9604.	9604.	0.	0.	9604.	1455.0	129.	9733.
28	9358.	9358.	0.	0.	9358.	1455.0	145.	9503.
29	9106.	9106.	0.	0.	9106.	1455.0	158.	9264.
30	8720.	8720.	0.	0.	8720.	1455.0	191.	8911.
31	8454.	8454.	0.	0.	8454.	1455.0	439.	8893.
32	8705.	8705.	0.	0.	8705.	1455.0	833.	9538.
33	8989.	8989.	0.	0.	8989.	1455.0	1165.	10154.
34	9598.	9598.	0.	0.	9598.	1455.0	2219.	11817.
35	9574.	9574.	0.	0.	9574.	1455.0	2054.	11628.
36	9116.	9116.	0.	0.	9116.	1455.0	884.	10000.
37	8877.	8877.	0.	0.	8877.	1455.0	884.	9761.
38	8366.	8366.	0.	0.	8366.	1455.0	762.	9128.
39	8110.	8304.	0.	0.	8304.	1454.7	696.	9000.
40	6796.	7248.	0.	0.	7248.	1454.0	1752.	9000.
41	6822.	7248.	0.	0.	7248.	1453.3	1752.	9000.
42	6871.	7248.	0.	0.	7248.	1452.7	1752.	9000.
43	6924.	7280.	0.	0.	7280.	1452.1	1720.	9000.
44	9464.	7659.	0.	0.	7659.	1455.0	1859.	9518.
45	8637.	8637.	0.	0.	8637.	1455.0	532.	9169.
46	8024.	8605.	0.	0.	8605.	1454.1	395.	9000.
47	7824.	8680.	0.	0.	8680.	1452.7	320.	9000.
48	7588.	8682.	0.	0.	8682.	1451.0	318.	9000.
49	7752.	7237.	0.	0.	7237.	1451.8	763.	8000.
50	8184.	6237.	0.	0.	6237.	1454.9	763.	7000.
51	8168.	8099.	0.	0.	8099.	1455.0	592.	8691.
52	6760.	6760.	0.	0.	6760.	1455.0	593.	7353.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1959 1	6713.	6713.	0.	0.	6713.	1455.0	451.	7164.
2	6850.	6850.	0.	0.	6850.	1455.0	398.	7248.
3	7089.	7089.	0.	0.	7089.	1455.0	381.	7470.
4	7242.	7242.	0.	0.	7242.	1455.0	264.	7506.
5	7416.	7416.	0.	0.	7416.	1455.0	216.	7632.
6	7743.	7743.	0.	0.	7743.	1455.0	212.	7955.
7	8087.	8087.	0.	0.	8087.	1455.0	179.	8266.
8	8375.	8375.	0.	0.	8375.	1455.0	137.	8512.
9	8689.	8689.	0.	0.	8689.	1455.0	124.	8813.
10	9125.	9125.	0.	0.	9125.	1455.0	115.	9240.
11	9363.	9363.	0.	0.	9363.	1455.0	128.	9491.
12	9211.	9211.	0.	0.	9211.	1455.0	201.	9412.
13	8707.	8707.	0.	0.	8707.	1455.0	201.	8908.
14	8345.	8345.	0.	0.	8345.	1455.0	154.	8499.
15	8324.	8324.	0.	0.	8324.	1455.0	149.	8473.
16	8316.	8316.	0.	0.	8316.	1455.0	141.	8457.
17	8291.	8291.	0.	0.	8291.	1455.0	138.	8429.
18	8267.	8267.	0.	0.	8267.	1455.0	124.	8391.
19	10302.	10302.	0.	0.	10302.	1455.0	122.	10424.
20	10258.	10258.	0.	0.	10258.	1455.0	117.	10375.
21	10176.	10176.	0.	0.	10176.	1455.0	104.	10280.
22	10035.	10035.	0.	0.	10035.	1455.0	109.	10144.
23	9507.	9507.	0.	0.	9507.	1455.0	115.	9622.
24	9154.	9154.	0.	0.	9154.	1455.0	115.	9269.
25	8793.	8793.	0.	0.	8793.	1455.0	115.	8908.
26	8568.	8568.	0.	0.	8568.	1455.0	115.	8683.
27	8373.	8373.	0.	0.	8373.	1455.0	169.	8542.
28	8090.	8090.	0.	0.	8090.	1455.0	169.	8259.
29	7821.	7821.	0.	0.	7821.	1455.0	242.	8063.
30	7366.	7366.	0.	0.	7366.	1455.0	254.	7620.
31	7257.	7257.	0.	0.	7257.	1455.0	386.	7643.
32	7402.	7402.	0.	0.	7402.	1455.0	500.	7902.
33	10552.	10552.	0.	0.	10552.	1455.0	2139.	12691.
34	11413.	11413.	0.	0.	11413.	1455.0	3031.	14444.
35	10683.	10683.	0.	0.	10683.	1455.0	2677.	13360.
36	9009.	9009.	0.	0.	9009.	1455.0	2169.	11178.
37	7847.	7847.	0.	0.	7847.	1455.0	1621.	9468.
38	8185.	8185.	0.	0.	8185.	1455.0	1932.	10117.
39	8492.	8492.	0.	0.	8492.	1455.0	2160.	10652.
40	7947.	7947.	0.	0.	7947.	1455.0	1755.	9702.
41	7856.	7856.	0.	0.	7856.	1455.0	1684.	9540.
42	8141.	8141.	0.	0.	8141.	1455.0	1825.	9966.
43	7584.	7584.	0.	0.	7584.	1455.0	1441.	9025.
44	9036.	9036.	0.	0.	9036.	1455.0	1943.	10979.
45	8382.	8382.	0.	0.	8382.	1455.0	1441.	9823.
46	9187.	9187.	0.	0.	9187.	1455.0	1850.	11037.
47	10910.	10910.	0.	0.	10910.	1455.0	3415.	14325.
48	10981.	10981.	0.	0.	10981.	1455.0	3408.	14389.
49	11574.	8803.	0.	2772.	11574.	1455.0	2865.	14439.
50	13349.	6938.	0.	6411.	13349.	1455.0	1480.	14829.
51	10026.	7671.	0.	2355.	10026.	1455.0	1111.	11137.
52	9459.	8533.	0.	926.	9459.	1455.0	1047.	10506.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL	DEVIL	CANYON OUTFLOW		TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL
	CANYON	TURBINE	ENVIRON.	CONE VALVE		WEEK	ING FLOW	
	INFLOW	DISCHARGE	RELEASE	EXCESS		RESERVOIR	DEVIL CANYON	GOLD
				RELEASE		ELEVATION	-GOLD CREEK	CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1960 1	10007.	8499.	0.	1508.	10007.	1455.0	707.	10714.
2	9493.	9493.	0.	0.	9493.	1455.0	487.	9980.
3	9673.	9673.	0.	0.	9673.	1455.0	268.	9941.
4	9069.	9069.	0.	0.	9069.	1455.0	335.	9404.
5	9297.	9297.	0.	0.	9297.	1455.0	294.	9591.
6	9703.	9703.	0.	0.	9703.	1455.0	284.	9987.
7	10170.	10170.	0.	0.	10170.	1455.0	272.	10442.
8	10585.	10585.	0.	0.	10585.	1455.0	256.	10841.
9	12052.	12052.	0.	0.	12052.	1455.0	235.	12287.
10	12578.	12578.	0.	0.	12578.	1455.0	205.	12783.
11	12844.	12844.	0.	0.	12844.	1455.0	205.	13049.
12	12495.	12495.	0.	0.	12495.	1455.0	205.	12700.
13	11857.	11857.	0.	0.	11857.	1455.0	205.	12062.
14	11525.	11525.	0.	0.	11525.	1455.0	172.	11697.
15	11514.	11514.	0.	0.	11514.	1455.0	165.	11679.
16	11479.	11479.	0.	0.	11479.	1455.0	149.	11628.
17	11456.	11456.	0.	0.	11456.	1455.0	141.	11597.
18	11423.	11423.	0.	0.	11423.	1455.0	140.	11563.
19	11429.	11429.	0.	0.	11429.	1455.0	122.	11551.
20	11382.	11382.	0.	0.	11382.	1455.0	120.	11502.
21	11330.	11330.	0.	0.	11330.	1455.0	114.	11444.
22	11209.	11209.	0.	0.	11209.	1455.0	110.	11319.
23	10682.	10682.	0.	0.	10682.	1455.0	95.	10777.
24	10336.	10336.	0.	0.	10336.	1455.0	91.	10427.
25	9983.	9983.	0.	0.	9983.	1455.0	81.	10064.
26	9794.	9794.	0.	0.	9794.	1455.0	81.	9875.
27	9639.	9639.	0.	0.	9639.	1455.0	310.	9949.
28	9387.	9387.	0.	0.	9387.	1455.0	310.	9697.
29	9144.	9144.	0.	0.	9144.	1455.0	408.	9552.
30	8675.	8675.	0.	0.	8675.	1455.0	423.	9098.
31	8546.	8546.	0.	0.	8546.	1455.0	512.	9058.
32	7208.	7208.	0.	0.	7208.	1455.0	34.	7242.
33	8264.	8264.	0.	0.	8264.	1455.0	69.	8333.
34	8906.	8906.	0.	0.	8906.	1455.0	107.	9013.
35	8747.	8747.	0.	0.	8747.	1455.0	762.	9509.
36	6935.	7771.	0.	0.	7771.	1453.7	1229.	9000.
37	6671.	7724.	0.	0.	7724.	1452.0	1276.	9000.
38	6576.	7679.	0.	0.	7679.	1450.2	1321.	9000.
39	6661.	7548.	0.	0.	7548.	1448.5	1452.	9000.
40	7210.	8227.	0.	0.	8227.	1446.4	773.	9000.
41	6662.	8426.	0.	0.	8426.	1442.8	574.	9000.
42	5947.	8341.	0.	0.	8341.	1438.0	659.	9000.
43	6723.	8097.	0.	0.	8097.	1435.2	903.	9000.
44	7940.	7011.	0.	0.	7011.	1437.0	1989.	9000.
45	7406.	6975.	0.	0.	6975.	1437.9	2025.	9000.
46	7202.	7210.	0.	0.	7210.	1437.9	1790.	9000.
47	7297.	7270.	0.	0.	7270.	1438.0	1730.	9000.
48	7469.	7369.	0.	0.	7369.	1438.2	1631.	9000.
49	7838.	6509.	0.	0.	6509.	1440.9	1491.	8000.
50	9658.	4643.	0.	0.	4643.	1450.9	2357.	7000.
51	8678.	6074.	0.	0.	6074.	1455.0	1670.	7744.
52	8014.	8014.	0.	0.	8014.	1455.0	1250.	9264.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	CANYON CONC. VALVE ENVIRON. RELEASE	OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1961 1	7590.	7590.	0.	0.	7590.	1455.0	938.	8528.
2	7343.	7343.	0.	0.	7343.	1455.0	682.	8025.
3	8813.	8813.	0.	0.	8813.	1455.0	485.	9298.
4	9051.	9051.	0.	0.	9051.	1455.0	354.	9405.
5	9313.	9313.	0.	0.	9313.	1455.0	317.	9630.
6	9744.	9744.	0.	0.	9744.	1455.0	319.	10063.
7	10195.	10195.	0.	0.	10195.	1455.0	294.	10489.
8	10586.	10586.	0.	0.	10586.	1455.0	261.	10847.
9	11014.	11014.	0.	0.	11014.	1455.0	249.	11263.
10	11679.	11679.	0.	0.	11679.	1455.0	266.	11945.
11	11943.	11943.	0.	0.	11943.	1455.0	260.	12203.
12	11547.	11547.	0.	0.	11547.	1455.0	229.	11776.
13	11903.	11903.	0.	0.	11903.	1455.0	229.	12132.
14	11581.	11581.	0.	0.	11581.	1455.0	203.	11784.
15	11566.	11566.	0.	0.	11566.	1455.0	197.	11763.
16	11554.	11554.	0.	0.	11554.	1455.0	203.	11757.
17	11538.	11538.	0.	0.	11538.	1455.0	206.	11744.
18	11478.	11478.	0.	0.	11478.	1455.0	212.	11690.
19	11453.	11453.	0.	0.	11453.	1455.0	196.	11649.
20	11403.	11403.	0.	0.	11403.	1455.0	193.	11596.
21	11351.	11351.	0.	0.	11351.	1455.0	184.	11535.
22	11228.	11228.	0.	0.	11228.	1455.0	168.	11396.
23	10707.	10707.	0.	0.	10707.	1455.0	148.	10855.
24	10379.	10379.	0.	0.	10379.	1455.0	166.	10545.
25	10069.	10069.	0.	0.	10069.	1455.0	209.	10278.
26	9875.	9875.	0.	0.	9875.	1455.0	209.	10084.
27	9749.	9749.	0.	0.	9749.	1455.0	504.	10253.
28	9492.	9492.	0.	0.	9492.	1455.0	504.	9996.
29	9250.	9250.	0.	0.	9250.	1455.0	556.	9806.
30	8967.	8967.	0.	0.	8967.	1455.0	565.	9532.
31	8901.	8901.	0.	0.	8901.	1455.0	648.	9549.
32	9178.	9178.	0.	0.	9178.	1455.0	613.	9791.
33	9723.	9723.	0.	0.	9723.	1455.0	1060.	10783.
34	9517.	9517.	0.	0.	9517.	1455.0	1010.	10527.
35	9353.	9353.	0.	0.	9353.	1455.0	1186.	10539.
36	9220.	9220.	0.	0.	9220.	1455.0	1646.	10866.
37	9989.	9989.	0.	0.	9989.	1455.0	2688.	12677.
38	10430.	10430.	0.	0.	10430.	1455.0	3357.	13787.
39	9786.	9786.	0.	0.	9786.	1455.0	2821.	12607.
40	8578.	8578.	0.	0.	8578.	1455.0	1701.	10279.
41	8603.	8603.	0.	0.	8603.	1455.0	1786.	10389.
42	8608.	8608.	0.	0.	8608.	1455.0	1850.	10458.
43	8662.	8662.	0.	0.	8662.	1455.0	1916.	10578.
44	8186.	8186.	0.	0.	8186.	1455.0	1051.	9237.
45	8170.	8170.	0.	0.	8170.	1455.0	939.	9109.
46	8014.	8199.	0.	0.	8199.	1454.7	801.	9000.
47	8057.	8239.	0.	0.	8239.	1454.4	761.	9000.
48	7859.	8396.	0.	0.	8396.	1453.6	604.	9000.
49	9099.	8194.	0.	0.	8194.	1455.0	1167.	9361.
50	8986.	8986.	0.	0.	8986.	1455.0	1322.	10308.
51	9084.	9084.	0.	0.	9084.	1455.0	1260.	10344.
52	9228.	9228.	0.	0.	9228.	1455.0	1269.	10497.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1962 1	9337.	9337.	0.	0.	9337.	1455.0	628.	9965.
2	9306.	9306.	0.	0.	9306.	1455.0	276.	9582.
3	8538.	8538.	0.	0.	8538.	1455.0	276.	8814.
4	9030.	9030.	0.	0.	9030.	1455.0	276.	9306.
5	9161.	9161.	0.	0.	9161.	1455.0	240.	9401.
6	9550.	9550.	0.	0.	9550.	1455.0	242.	9792.
7	10036.	10036.	0.	0.	10036.	1455.0	242.	10278.
8	10476.	10476.	0.	0.	10476.	1455.0	242.	10718.
9	10878.	10878.	0.	0.	10878.	1455.0	208.	11086.
10	11389.	11389.	0.	0.	11389.	1455.0	140.	11529.
11	11663.	11663.	0.	0.	11663.	1455.0	140.	11803.
12	11327.	11327.	0.	0.	11327.	1455.0	140.	11467.
13	10697.	10697.	0.	0.	10697.	1455.0	140.	10837.
14	11450.	11450.	0.	0.	11450.	1455.0	92.	11542.
15	11437.	11437.	0.	0.	11437.	1455.0	85.	11522.
16	11420.	11420.	0.	0.	11420.	1455.0	85.	11505.
17	11403.	11403.	0.	0.	11403.	1455.0	85.	11488.
18	11368.	11368.	0.	0.	11368.	1455.0	95.	11463.
19	11388.	11388.	0.	0.	11388.	1455.0	108.	11496.
20	11342.	11342.	0.	0.	11342.	1455.0	108.	11450.
21	11296.	11296.	0.	0.	11296.	1455.0	108.	11404.
22	11174.	11174.	0.	0.	11174.	1455.0	98.	11272.
23	10654.	10654.	0.	0.	10654.	1455.0	84.	10738.
24	10311.	10311.	0.	0.	10311.	1455.0	84.	10395.
25	9966.	9966.	0.	0.	9966.	1455.0	84.	10050.
26	9775.	9775.	0.	0.	9775.	1455.0	84.	9859.
27	9644.	9644.	0.	0.	9644.	1455.0	214.	9858.
28	9388.	9388.	0.	0.	9388.	1455.0	214.	9602.
29	9129.	9129.	0.	0.	9129.	1455.0	214.	9343.
30	8694.	8694.	0.	0.	8694.	1455.0	214.	8908.
31	8130.	8130.	0.	0.	8130.	1455.0	309.	8439.
32	7849.	7849.	0.	0.	7849.	1455.0	327.	8176.
33	8594.	8594.	0.	0.	8594.	1455.0	889.	9483.
34	8563.	8563.	0.	0.	8563.	1455.0	1310.	9873.
35	8878.	8878.	0.	0.	8878.	1455.0	1649.	10527.
36	9571.	9571.	0.	0.	9571.	1455.0	1410.	10981.
37	11039.	11039.	0.	0.	11039.	1455.0	2733.	13772.
38	10369.	10369.	0.	0.	10369.	1455.0	2338.	12707.
39	9312.	9312.	0.	0.	9312.	1455.0	1655.	10967.
40	7484.	7977.	0.	0.	7977.	1454.2	1023.	9000.
41	7337.	8000.	0.	0.	8000.	1453.2	1000.	9000.
42	6964.	8129.	0.	0.	8129.	1451.3	871.	9000.
43	7314.	7977.	0.	0.	7977.	1450.2	1023.	9000.
44	9133.	7557.	0.	0.	7557.	1452.8	1443.	9000.
45	10502.	6056.	0.	3039.	9094.	1455.0	1201.	10295.
46	21799.	6039.	0.	15760.	21799.	1455.0	1201.	23000.
47	21799.	5893.	0.	15906.	21799.	1455.0	1201.	23000.
48	22209.	5760.	0.	16449.	22209.	1455.0	1220.	23429.
49	22008.	5659.	0.	16349.	22008.	1455.0	1563.	23571.
50	13899.	5247.	0.	8652.	13899.	1455.0	987.	14886.
51	11257.	5798.	0.	5459.	11257.	1455.0	800.	12057.
52	11332.	6033.	0.	5299.	11332.	1455.0	805.	12137.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS) (2)	(CFS) (3)	ENVIRON. RELEASE (CFS) (4)	VALVE EXCESS RELEASE (CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1963 1	9094.	9094.	0.	0.	9094.	1455.0	413.	9507.
2	9379.	9379.	0.	0.	9379.	1455.0	314.	9693.
3	9750.	9750.	0.	0.	9750.	1455.0	274.	10024.
4	10145.	10145.	0.	0.	10145.	1455.0	248.	10393.
5	9046.	9046.	0.	0.	9046.	1455.0	178.	9224.
6	9459.	9459.	0.	0.	9459.	1455.0	193.	9652.
7	9945.	9945.	0.	0.	9945.	1455.0	193.	10138.
8	10385.	10385.	0.	0.	10385.	1455.0	193.	10578.
9	11940.	11940.	0.	0.	11940.	1455.0	161.	12101.
10	12489.	12489.	0.	0.	12489.	1455.0	128.	12617.
11	12755.	12755.	0.	0.	12755.	1455.0	128.	12883.
12	12406.	12406.	0.	0.	12406.	1455.0	128.	12534.
13	11769.	11769.	0.	0.	11769.	1455.0	128.	11897.
14	11453.	11453.	0.	0.	11453.	1455.0	117.	11570.
15	11440.	11440.	0.	0.	11440.	1455.0	110.	11550.
16	11424.	11424.	0.	0.	11424.	1455.0	110.	11534.
17	11409.	11409.	0.	0.	11409.	1455.0	110.	11519.
18	11381.	11381.	0.	0.	11381.	1455.0	92.	11473.
19	11426.	11426.	0.	0.	11426.	1455.0	86.	11512.
20	11380.	11380.	0.	0.	11380.	1455.0	86.	11466.
21	11334.	11334.	0.	0.	11334.	1455.0	86.	11420.
22	11194.	11194.	0.	0.	11194.	1455.0	98.	11292.
23	10623.	10623.	0.	0.	10623.	1455.0	67.	10690.
24	10282.	10282.	0.	0.	10282.	1455.0	67.	10349.
25	9939.	9939.	0.	0.	9939.	1455.0	67.	10006.
26	9750.	9750.	0.	0.	9750.	1455.0	67.	9817.
27	9591.	9591.	0.	0.	9591.	1455.0	137.	9728.
28	9340.	9340.	0.	0.	9340.	1455.0	137.	9477.
29	9083.	9083.	0.	0.	9083.	1455.0	137.	9220.
30	8556.	8556.	0.	0.	8556.	1455.0	137.	8693.
31	8226.	8226.	0.	0.	8226.	1455.0	206.	8432.
32	6759.	6759.	0.	0.	6759.	1455.0	80.	6839.
33	7755.	7755.	0.	0.	7755.	1455.0	457.	8212.
34	9057.	9057.	0.	0.	9057.	1455.0	739.	9796.
35	9411.	9411.	0.	0.	9411.	1455.0	1631.	11042.
36	7860.	7860.	0.	0.	7860.	1455.0	2617.	10477.
37	8680.	8680.	0.	0.	8680.	1455.0	2617.	11297.
38	9240.	9240.	0.	0.	9240.	1455.0	2617.	11857.
39	9076.	9076.	0.	0.	9076.	1455.0	2617.	11693.
40	8775.	8775.	0.	0.	8775.	1455.0	2235.	11010.
41	9218.	9218.	0.	0.	9218.	1455.0	2889.	12107.
42	9032.	9032.	0.	0.	9032.	1455.0	2736.	11768.
43	8694.	8694.	0.	0.	8694.	1455.0	2337.	11031.
44	8179.	8179.	0.	0.	8179.	1455.0	928.	9107.
45	7587.	8586.	0.	0.	8586.	1453.4	414.	9000.
46	8674.	7194.	1447.	0.	8641.	1453.5	359.	9000.
47	22691.	5905.	0.	15820.	21725.	1455.0	380.	22105.
48	19122.	5746.	0.	13376.	19122.	1455.0	421.	19543.
49	14318.	5621.	0.	8697.	14318.	1455.0	825.	15143.
50	12804.	5243.	0.	7561.	12804.	1455.0	739.	13543.
51	10239.	6172.	0.	4067.	10239.	1455.0	590.	10829.
52	9083.	7745.	0.	1338.	9083.	1455.0	524.	9607.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1964 1	9129.	9129.	0.	0.	9129.	1455.0	570.	9699.
2	9455.	9455.	0.	0.	9455.	1455.0	480.	9935.
3	9790.	9790.	0.	0.	9790.	1455.0	392.	10182.
4	10121.	10121.	0.	0.	10121.	1455.0	296.	10417.
5	9178.	9178.	0.	0.	9178.	1455.0	228.	9406.
6	9616.	9616.	0.	0.	9616.	1455.0	226.	9842.
7	10062.	10062.	0.	0.	10062.	1455.0	200.	10262.
8	10452.	10452.	0.	0.	10452.	1455.0	164.	10616.
9	10860.	10860.	0.	0.	10860.	1455.0	153.	11013.
10	12518.	12518.	0.	0.	12518.	1455.0	124.	12642.
11	12782.	12782.	0.	0.	12782.	1455.0	120.	12902.
12	12411.	12411.	0.	0.	12411.	1455.0	95.	12506.
13	11776.	11776.	0.	0.	11776.	1455.0	95.	11871.
14	11444.	11444.	0.	0.	11444.	1455.0	82.	11526.
15	11439.	11439.	0.	0.	11439.	1455.0	80.	11519.
16	11422.	11422.	0.	0.	11422.	1455.0	75.	11497.
17	11406.	11406.	0.	0.	11406.	1455.0	74.	11480.
18	11383.	11383.	0.	0.	11383.	1455.0	66.	11449.
19	11418.	11418.	0.	0.	11418.	1455.0	58.	11476.
20	10136.	10136.	0.	0.	10136.	1455.0	58.	10194.
21	10075.	10075.	0.	0.	10075.	1455.0	54.	10129.
22	9941.	9941.	0.	0.	9941.	1455.0	59.	10000.
23	9420.	9420.	0.	0.	9420.	1455.0	63.	9483.
24	9063.	9063.	0.	0.	9063.	1455.0	60.	9123.
25	8693.	8693.	0.	0.	8693.	1455.0	54.	8747.
26	8468.	8468.	0.	0.	8468.	1455.0	54.	8522.
27	8294.	8294.	0.	0.	8294.	1455.0	36.	8330.
28	8011.	8011.	0.	0.	8011.	1455.0	36.	8047.
29	7679.	7679.	0.	0.	7679.	1455.0	40.	7719.
30	7213.	7213.	0.	0.	7213.	1455.0	40.	7253.
31	6653.	6653.	0.	0.	6653.	1455.0	276.	6929.
32	6393.	6393.	0.	0.	6393.	1455.0	439.	6832.
33	5336.	5409.	0.	0.	5409.	1454.9	591.	6000.
34	5211.	5138.	0.	0.	5138.	1455.0	1309.	6447.
35	5980.	5980.	0.	0.	5980.	1455.0	8961.	14941.
36	11286.	11286.	0.	0.	11286.	1455.0	546.	11832.
37	9577.	9577.	0.	0.	9577.	1455.0	376.	9953.
38	9623.	9623.	0.	0.	9623.	1455.0	313.	9936.
39	8898.	8898.	0.	0.	8898.	1455.0	228.	9126.
40	7979.	7979.	0.	0.	7979.	1455.0	1101.	9080.
41	7962.	7962.	0.	0.	7962.	1455.0	1134.	9096.
42	7784.	7930.	0.	0.	7930.	1454.8	1070.	9000.
43	6882.	8265.	0.	0.	8265.	1452.6	735.	9000.
44	8083.	7972.	0.	0.	7972.	1452.7	1028.	9000.
45	7986.	8007.	0.	0.	8007.	1452.7	993.	9000.
46	7671.	8200.	0.	0.	8200.	1451.9	800.	9000.
47	7994.	8147.	0.	0.	8147.	1451.6	853.	9000.
48	11361.	5713.	0.	3526.	9239.	1455.0	720.	9959.
49	10489.	6035.	0.	4455.	10489.	1455.0	865.	11354.
50	8548.	8356.	0.	193.	8548.	1455.0	705.	9253.
51	8628.	8628.	0.	0.	8628.	1455.0	709.	9337.
52	8669.	8669.	0.	0.	8669.	1455.0	607.	9276.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1965 1	9192.	9192.	0.	0.	9192.	1455.0	633.	9825.
2	9697.	9697.	0.	0.	9697.	1455.0	708.	10405.
3	9865.	9865.	0.	0.	9865.	1455.0	464.	10329.
4	9086.	9086.	0.	0.	9086.	1455.0	369.	9455.
5	9118.	9118.	0.	0.	9118.	1455.0	166.	9284.
6	9558.	9558.	0.	0.	9558.	1455.0	149.	9707.
7	10041.	10041.	0.	0.	10041.	1455.0	148.	10189.
8	10512.	10512.	0.	0.	10512.	1455.0	166.	10678.
9	10822.	10822.	0.	0.	10822.	1455.0	127.	10949.
10	12451.	12451.	0.	0.	12451.	1455.0	99.	12550.
11	12713.	12713.	0.	0.	12713.	1455.0	88.	12801.
12	12363.	12363.	0.	0.	12363.	1455.0	80.	12443.
13	11729.	11729.	0.	0.	11729.	1455.0	80.	11809.
14	11408.	11408.	0.	0.	11408.	1455.0	38.	11446.
15	11403.	11403.	0.	0.	11403.	1455.0	32.	11435.
16	11390.	11390.	0.	0.	11390.	1455.0	32.	11422.
17	11377.	11377.	0.	0.	11377.	1455.0	32.	11409.
18	11354.	11354.	0.	0.	11354.	1455.0	37.	11391.
19	11384.	11384.	0.	0.	11384.	1455.0	40.	11424.
20	10072.	10072.	0.	0.	10072.	1455.0	40.	10112.
21	10015.	10015.	0.	0.	10015.	1455.0	40.	10055.
22	9891.	9891.	0.	0.	9891.	1455.0	36.	9927.
23	9386.	9386.	0.	0.	9386.	1455.0	30.	9416.
24	9033.	9033.	0.	0.	9033.	1455.0	30.	9063.
25	8672.	8672.	0.	0.	8672.	1455.0	30.	8702.
26	8447.	8447.	0.	0.	8447.	1455.0	30.	8477.
27	8273.	8273.	0.	0.	8273.	1455.0	65.	8338.
28	7990.	7990.	0.	0.	7990.	1455.0	65.	8055.
29	7668.	7668.	0.	0.	7668.	1455.0	83.	7751.
30	7203.	7203.	0.	0.	7203.	1455.0	86.	7289.
31	6784.	6784.	0.	0.	6784.	1455.0	112.	6896.
32	6858.	6858.	0.	0.	6858.	1455.0	256.	7114.
33	7485.	7485.	0.	0.	7485.	1455.0	446.	7931.
34	7930.	7930.	0.	0.	7930.	1455.0	802.	8732.
35	9302.	9302.	0.	0.	9302.	1455.0	1682.	10984.
36	8139.	8139.	0.	0.	8139.	1455.0	1457.	9596.
37	8003.	8003.	0.	0.	8003.	1455.0	1555.	9558.
38	7739.	7739.	0.	0.	7739.	1455.0	1487.	9226.
39	8891.	8891.	0.	0.	8891.	1455.0	2188.	11079.
40	8184.	8184.	0.	0.	8184.	1455.0	1899.	10083.
41	8236.	8236.	0.	0.	8236.	1455.0	1916.	10152.
42	8504.	8504.	0.	0.	8504.	1455.0	1784.	10288.
43	8276.	8276.	0.	0.	8276.	1455.0	1548.	9824.
44	8489.	8489.	0.	0.	8489.	1455.0	1357.	9846.
45	8331.	8331.	0.	0.	8331.	1455.0	1085.	9416.
46	9077.	9077.	0.	0.	9077.	1455.0	1675.	10752.
47	8544.	8544.	0.	0.	8544.	1455.0	1124.	9668.
48	8018.	8350.	0.	0.	8350.	1454.5	650.	9000.
49	8740.	8408.	0.	0.	8408.	1455.0	1016.	9424.
50	8952.	8952.	0.	0.	8952.	1455.0	1248.	10200.
51	8999.	8999.	0.	0.	8999.	1455.0	1142.	10141.
52	18490.	7213.	0.	11276.	18489.	1455.0	1322.	19811.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS VALVE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1966 1	13634.	8367.	0.	5267.	13634.	1455.0	1452.	15086.
2	9752.	9752.	0.	0.	9752.	1455.0	808.	10560.
3	9748.	9748.	0.	0.	9748.	1455.0	379.	10127.
4	8947.	8947.	0.	0.	8947.	1455.0	313.	9260.
5	9254.	9254.	0.	0.	9254.	1455.0	264.	9518.
6	9645.	9645.	0.	0.	9645.	1455.0	222.	9867.
7	10088.	10088.	0.	0.	10088.	1455.0	196.	10284.
8	10514.	10514.	0.	0.	10514.	1455.0	186.	10700.
9	10919.	10919.	0.	0.	10919.	1455.0	173.	11092.
10	11460.	11460.	0.	0.	11460.	1455.0	160.	11620.
11	11725.	11725.	0.	0.	11725.	1455.0	154.	11879.
12	11377.	11377.	0.	0.	11377.	1455.0	148.	11525.
13	10738.	10738.	0.	0.	10738.	1455.0	142.	10880.
14	10338.	10338.	0.	0.	10338.	1455.0	121.	10459.
15	10322.	10322.	0.	0.	10322.	1455.0	119.	10441.
16	10324.	10324.	0.	0.	10324.	1455.0	119.	10443.
17	10299.	10299.	0.	0.	10299.	1455.0	119.	10418.
18	10266.	10266.	0.	0.	10266.	1455.0	119.	10385.
19	10251.	10251.	0.	0.	10251.	1455.0	120.	10371.
20	10216.	10216.	0.	0.	10216.	1455.0	120.	10336.
21	10159.	10159.	0.	0.	10159.	1455.0	120.	10279.
22	10036.	10036.	0.	0.	10036.	1455.0	116.	10152.
23	9527.	9527.	0.	0.	9527.	1455.0	113.	9640.
24	9174.	9174.	0.	0.	9174.	1455.0	113.	9287.
25	8813.	8813.	0.	0.	8813.	1455.0	113.	8926.
26	8588.	8588.	0.	0.	8588.	1455.0	113.	8701.
27	8434.	8434.	0.	0.	8434.	1455.0	183.	8617.
28	8151.	8151.	0.	0.	8151.	1455.0	183.	8334.
29	7885.	7885.	0.	0.	7885.	1455.0	240.	8125.
30	7429.	7429.	0.	0.	7429.	1455.0	250.	7679.
31	7091.	7091.	0.	0.	7091.	1455.0	300.	7391.
32	6977.	6977.	0.	0.	6977.	1455.0	346.	7323.
33	7768.	7768.	0.	0.	7768.	1455.0	643.	8411.
34	8578.	8578.	0.	0.	8578.	1455.0	1231.	9809.
35	9625.	9625.	0.	0.	9625.	1455.0	1954.	11579.
36	11144.	11144.	0.	0.	11144.	1455.0	3575.	14719.
37	9951.	9951.	0.	0.	9951.	1455.0	2560.	12511.
38	9526.	9526.	0.	0.	9526.	1455.0	2161.	11687.
39	9042.	9042.	0.	0.	9042.	1455.0	1824.	10866.
40	8198.	8198.	0.	0.	8198.	1455.0	1253.	9451.
41	8098.	8098.	0.	0.	8098.	1455.0	1193.	9291.
42	8108.	8108.	0.	0.	8108.	1455.0	1249.	9357.
43	7648.	7648.	0.	0.	7648.	1455.0	1414.	9062.
44	9044.	9044.	0.	0.	9044.	1455.0	1925.	10969.
45	8611.	8611.	0.	0.	8611.	1455.0	1569.	10180.
46	8247.	8247.	0.	0.	8247.	1455.0	1291.	9538.
47	8954.	8954.	0.	0.	8954.	1455.0	1563.	10517.
48	8728.	8728.	0.	0.	8728.	1455.0	1284.	10012.
49	8399.	8399.	0.	0.	8399.	1455.0	1084.	9483.
50	8772.	8772.	0.	0.	8772.	1455.0	1052.	9824.
51	8920.	8920.	0.	0.	8920.	1455.0	1040.	9960.
52	8601.	8601.	0.	0.	8601.	1455.0	758.	9359.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1967 1	6739.	6739.	0.	0.	6739.	1455.0	503.	7242.
2	6672.	6672.	0.	0.	6672.	1455.0	337.	7009.
3	6788.	6788.	0.	0.	6788.	1455.0	256.	7044.
4	7026.	7026.	0.	0.	7026.	1455.0	173.	7199.
5	7316.	7316.	0.	0.	7316.	1455.0	161.	7477.
6	7677.	7677.	0.	0.	7677.	1455.0	154.	7831.
7	8066.	8066.	0.	0.	8066.	1455.0	154.	8220.
8	8418.	8418.	0.	0.	8418.	1455.0	154.	8572.
9	8748.	8748.	0.	0.	8748.	1455.0	149.	8897.
10	9179.	9179.	0.	0.	9179.	1455.0	139.	9318.
11	9398.	9398.	0.	0.	9398.	1455.0	139.	9537.
12	9129.	9129.	0.	0.	9129.	1455.0	139.	9268.
13	8625.	8625.	0.	0.	8625.	1455.0	139.	8764.
14	8349.	8349.	0.	0.	8349.	1455.0	138.	8487.
15	8339.	8339.	0.	0.	8339.	1455.0	137.	8476.
16	8341.	8341.	0.	0.	8341.	1455.0	137.	8478.
17	8321.	8321.	0.	0.	8321.	1455.0	137.	8458.
18	10301.	10301.	0.	0.	10301.	1455.0	132.	10433.
19	10289.	10289.	0.	0.	10289.	1455.0	125.	10414.
20	10254.	10254.	0.	0.	10254.	1455.0	125.	10379.
21	10197.	10197.	0.	0.	10197.	1455.0	125.	10322.
22	10058.	10058.	0.	0.	10058.	1455.0	126.	10184.
23	9521.	9521.	0.	0.	9521.	1455.0	122.	9643.
24	9168.	9168.	0.	0.	9168.	1455.0	122.	9290.
25	8807.	8807.	0.	0.	8807.	1455.0	122.	8929.
26	8582.	8582.	0.	0.	8582.	1455.0	122.	8704.
27	8400.	8400.	0.	0.	8400.	1455.0	137.	8537.
28	8117.	8117.	0.	0.	8117.	1455.0	137.	8254.
29	7785.	7785.	0.	0.	7785.	1455.0	140.	7925.
30	7347.	7347.	0.	0.	7347.	1455.0	162.	7509.
31	6802.	6802.	0.	0.	6802.	1455.0	119.	6921.
32	6915.	6915.	0.	0.	6915.	1455.0	280.	7195.
33	8636.	8636.	0.	0.	8636.	1455.0	974.	9610.
34	9155.	9155.	0.	0.	9155.	1455.0	1362.	10517.
35	9467.	9467.	0.	0.	9467.	1455.0	1768.	11235.
36	8376.	8376.	0.	0.	8376.	1455.0	1653.	10029.
37	8915.	8915.	0.	0.	8915.	1455.0	2166.	11081.
38	9040.	9040.	0.	0.	9040.	1455.0	1805.	10845.
39	8834.	8834.	0.	0.	8834.	1455.0	1766.	10600.
40	8300.	8300.	0.	0.	8300.	1455.0	1481.	9781.
41	8244.	8244.	0.	0.	8244.	1455.0	1476.	9720.
42	8695.	8695.	0.	0.	8695.	1455.0	2052.	10747.
43	8979.	8979.	0.	0.	8979.	1455.0	2392.	11371.
44	8975.	8975.	0.	0.	8975.	1455.0	1924.	10899.
45	8829.	8829.	0.	0.	8829.	1455.0	1638.	10467.
46	13035.	8572.	0.	4463.	13035.	1455.0	3589.	16624.
47	28599.	5925.	0.	22674.	28599.	1455.0	2001.	30600.
48	19229.	5743.	0.	13486.	19229.	1455.0	1385.	20614.
49	27035.	5685.	0.	21350.	27035.	1455.0	2036.	29071.
50	15955.	5259.	0.	10696.	15955.	1455.0	1202.	17157.
51	11597.	5335.	0.	6262.	11597.	1455.0	874.	12471.
52	8813.	8533.	0.	280.	8813.	1455.0	664.	9477.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONE VALVE ENVIRON. RELEASE	OUTFLOW EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1968 1	8951.	8951.	0.	0.	8951.	1455.0	421.	9372.
2	9306.	9306.	0.	0.	9306.	1455.0	350.	9656.
3	8395.	8395.	0.	0.	8395.	1455.0	273.	8668.
4	8763.	8763.	0.	0.	8763.	1455.0	209.	8972.
5	9127.	9127.	0.	0.	9127.	1455.0	187.	9314.
6	9557.	9557.	0.	0.	9557.	1455.0	164.	9721.
7	10029.	10029.	0.	0.	10029.	1455.0	155.	10184.
8	10457.	10457.	0.	0.	10457.	1455.0	150.	10607.
9	10870.	10870.	0.	0.	10870.	1455.0	145.	11015.
10	11400.	11400.	0.	0.	11400.	1455.0	131.	11531.
11	11674.	11674.	0.	0.	11674.	1455.0	131.	11805.
12	11328.	11328.	0.	0.	11328.	1455.0	126.	11454.
13	10697.	10697.	0.	0.	10697.	1455.0	125.	10822.
14	10350.	10350.	0.	0.	10350.	1455.0	132.	10482.
15	10338.	10338.	0.	0.	10338.	1455.0	131.	10469.
16	10340.	10340.	0.	0.	10340.	1455.0	131.	10471.
17	10311.	10311.	0.	0.	10311.	1455.0	129.	10440.
18	10277.	10277.	0.	0.	10277.	1455.0	124.	10401.
19	10269.	10269.	0.	0.	10269.	1455.0	121.	10390.
20	10234.	10234.	0.	0.	10234.	1455.0	121.	10355.
21	10177.	10177.	0.	0.	10177.	1455.0	121.	10298.
22	10053.	10053.	0.	0.	10053.	1455.0	121.	10174.
23	9544.	9544.	0.	0.	9544.	1455.0	121.	9665.
24	9191.	9191.	0.	0.	9191.	1455.0	121.	9312.
25	8830.	8830.	0.	0.	8830.	1455.0	121.	8951.
26	8605.	8605.	0.	0.	8605.	1455.0	121.	8726.
27	8414.	8414.	0.	0.	8414.	1455.0	121.	8535.
28	8124.	8124.	0.	0.	8124.	1455.0	116.	8240.
29	7794.	7794.	0.	0.	7794.	1455.0	122.	7916.
30	7340.	7340.	0.	0.	7340.	1455.0	131.	7471.
31	6887.	6887.	0.	0.	6887.	1455.0	156.	7043.
32	6705.	6705.	0.	0.	6705.	1455.0	195.	6900.
33	8286.	8286.	0.	0.	8286.	1455.0	869.	9155.
34	10305.	10305.	0.	0.	10305.	1455.0	2246.	12551.
35	9642.	9642.	0.	0.	9642.	1455.0	1929.	11571.
36	9352.	9352.	0.	0.	9352.	1455.0	1836.	11188.
37	9846.	9846.	0.	0.	9846.	1455.0	2555.	12401.
38	9729.	9729.	0.	0.	9729.	1455.0	2590.	12319.
39	8922.	8922.	0.	0.	8922.	1455.0	1886.	10808.
40	8585.	8585.	0.	0.	8585.	1455.0	1606.	10191.
41	8383.	8383.	0.	0.	8383.	1455.0	1461.	9844.
42	8283.	8283.	0.	0.	8283.	1455.0	1410.	9693.
43	8226.	8226.	0.	0.	8226.	1455.0	1363.	9589.
44	8388.	8388.	0.	0.	8388.	1455.0	1390.	9778.
45	8277.	8277.	0.	0.	8277.	1455.0	1327.	9604.
46	8164.	8164.	0.	0.	8164.	1455.0	1104.	9268.
47	8161.	8161.	0.	0.	8161.	1455.0	998.	9159.
48	8237.	8237.	0.	0.	8237.	1455.0	890.	9127.
49	10303.	5977.	0.	4326.	10303.	1455.0	818.	11121.
50	10471.	6136.	0.	4335.	10471.	1455.0	820.	11291.
51	8392.	8392.	0.	0.	8392.	1455.0	523.	8915.
52	8429.	8429.	0.	0.	8429.	1455.0	400.	8829.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1969 1	8853.	8853.	0.	0.	8853.	1455.0	310.	9163.
2	8043.	8043.	0.	0.	8043.	1455.0	268.	8311.
3	8269.	8269.	0.	0.	8269.	1455.0	206.	8475.
4	8717.	8717.	0.	0.	8717.	1455.0	182.	8899.
5	9074.	9074.	0.	0.	9074.	1455.0	157.	9231.
6	9492.	9492.	0.	0.	9492.	1455.0	127.	9619.
7	9928.	9928.	0.	0.	9928.	1455.0	96.	10024.
8	10347.	10347.	0.	0.	10347.	1455.0	85.	10432.
9	10740.	10740.	0.	0.	10740.	1455.0	69.	10809.
10	11258.	11258.	0.	0.	11258.	1455.0	54.	11312.
11	11527.	11527.	0.	0.	11527.	1455.0	51.	11578.
12	11186.	11186.	0.	0.	11186.	1455.0	49.	11235.
13	10553.	10553.	0.	0.	10553.	1455.0	46.	10599.
14	10188.	10188.	0.	0.	10188.	1455.0	40.	10228.
15	10174.	10174.	0.	0.	10174.	1455.0	39.	10213.
16	10170.	10170.	0.	0.	10170.	1455.0	37.	10207.
17	8129.	8129.	0.	0.	8129.	1455.0	37.	8166.
18	8107.	8107.	0.	0.	8107.	1455.0	37.	8144.
19	8114.	8114.	0.	0.	8114.	1455.0	40.	8154.
20	8087.	8087.	0.	0.	8087.	1455.0	41.	8128.
21	8044.	8044.	0.	0.	8044.	1455.0	43.	8087.
22	7945.	7945.	0.	0.	7945.	1455.0	43.	7988.
23	7540.	7540.	0.	0.	7540.	1455.0	44.	7584.
24	7260.	7260.	0.	0.	7260.	1455.0	45.	7305.
25	6976.	6976.	0.	0.	6976.	1455.0	47.	7023.
26	6799.	6799.	0.	0.	6799.	1455.0	49.	6848.
27	6665.	6665.	0.	0.	6665.	1455.0	79.	6744.
28	6457.	6457.	0.	0.	6457.	1455.0	93.	6550.
29	6221.	6221.	0.	0.	6221.	1455.0	123.	6344.
30	5911.	5911.	0.	0.	5911.	1455.0	174.	6085.
31	5611.	5611.	0.	0.	5611.	1455.0	192.	5803.
32	5659.	5659.	0.	0.	5659.	1455.0	286.	5945.
33	6391.	6391.	0.	0.	6391.	1455.0	542.	6933.
34	7009.	7009.	0.	0.	7009.	1455.0	953.	7962.
35	5988.	5988.	0.	0.	5988.	1455.0	623.	6611.
36	5303.	7512.	0.	0.	7512.	1451.5	488.	8000.
37	5272.	7378.	0.	0.	7378.	1447.6	622.	8000.
38	5253.	7320.	0.	0.	7320.	1443.4	680.	8000.
39	5109.	7381.	0.	0.	7381.	1438.8	619.	8000.
40	4666.	7796.	0.	0.	7796.	1432.4	204.	8000.
41	4867.	7743.	0.	0.	7743.	1426.5	257.	8000.
42	4926.	7734.	0.	0.	7734.	1420.8	266.	8000.
43	4857.	7778.	0.	0.	7778.	1414.9	222.	8000.
44	5408.	7317.	0.	0.	7317.	1411.0	683.	8000.
45	5595.	7041.	0.	0.	7041.	1408.0	959.	8000.
46	6011.	7504.	0.	0.	7504.	1405.0	496.	8000.
47	7597.	7597.	0.	0.	7597.	1405.0	403.	8000.
48	7641.	7641.	0.	0.	7641.	1405.0	359.	8000.
49	7621.	7621.	0.	0.	7621.	1405.0	379.	8000.
50	6668.	6668.	0.	0.	6668.	1405.0	332.	7000.
51	5715.	5715.	0.	0.	5715.	1405.0	285.	6000.
52	5760.	5760.	0.	0.	5760.	1405.0	240.	6000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1970 1	5673.	5673.	0.	0.	5673.	1405.0	327.	6000.
2	5692.	5692.	0.	0.	5692.	1405.0	308.	6000.
3	5453.	4730.	0.	0.	4730.	1406.5	270.	5000.
4	5604.	3818.	0.	0.	3818.	1410.1	182.	4000.
5	5725.	2901.	0.	0.	2901.	1415.9	99.	3000.
6	5993.	2920.	0.	0.	2920.	1422.1	80.	3000.
7	6267.	2936.	0.	0.	2936.	1428.9	64.	3000.
8	6530.	2943.	0.	0.	2943.	1436.2	57.	3000.
9	6789.	2947.	0.	0.	2947.	1444.0	53.	3000.
10	7143.	1940.	0.	0.	1940.	1453.6	60.	2000.
11	7310.	6441.	0.	0.	6441.	1455.0	58.	6499.
12	7098.	7098.	0.	0.	7098.	1455.0	57.	7155.
13	6701.	6701.	0.	0.	6701.	1455.0	57.	6758.
14	6496.	6496.	0.	0.	6496.	1455.0	70.	6566.
15	6490.	6490.	0.	0.	6490.	1455.0	69.	6559.
16	6486.	6486.	0.	0.	6486.	1455.0	66.	6552.
17	6468.	6468.	0.	0.	6468.	1455.0	65.	6533.
18	6450.	6450.	0.	0.	6450.	1455.0	65.	6515.
19	6443.	6443.	0.	0.	6443.	1455.0	61.	6504.
20	6414.	6414.	0.	0.	6414.	1455.0	57.	6471.
21	6378.	6378.	0.	0.	6378.	1455.0	57.	6435.
22	6300.	6300.	0.	0.	6300.	1455.0	57.	6357.
23	5968.	5968.	0.	0.	5968.	1455.0	52.	6020.
24	5747.	5747.	0.	0.	5747.	1455.0	53.	5800.
25	5525.	5525.	0.	0.	5525.	1455.0	55.	5580.
26	5383.	5383.	0.	0.	5383.	1455.0	55.	5438.
27	5213.	5213.	0.	0.	5213.	1455.0	39.	5252.
28	5040.	5040.	0.	0.	5040.	1455.0	43.	5083.
29	4831.	4831.	0.	0.	4831.	1455.0	50.	4881.
30	4549.	4549.	0.	0.	4549.	1455.0	60.	4609.
31	4349.	4349.	0.	0.	4349.	1455.0	110.	4459.
32	4458.	4458.	0.	0.	4458.	1455.0	231.	4689.
33	5824.	5824.	0.	0.	5824.	1455.0	818.	6642.
34	5457.	5457.	0.	0.	5457.	1455.0	739.	6196.
35	6676.	6676.	0.	0.	6676.	1455.0	983.	7659.
36	7032.	7032.	0.	0.	7032.	1455.0	1466.	8498.
37	6695.	6695.	0.	0.	6695.	1455.0	1414.	8109.
38	6452.	6662.	0.	0.	6662.	1454.7	1338.	8000.
39	7981.	7771.	0.	0.	7771.	1455.0	2255.	10026.
40	6979.	6979.	0.	0.	6979.	1455.0	1953.	8932.
41	6520.	6520.	0.	0.	6520.	1455.0	1638.	8158.
42	6738.	6738.	0.	0.	6738.	1455.0	1755.	8493.
43	6692.	6692.	0.	0.	6692.	1455.0	1679.	8371.
44	7526.	7526.	0.	0.	7526.	1455.0	1670.	9196.
45	7244.	7244.	0.	0.	7244.	1455.0	1216.	8460.
46	6753.	7061.	0.	0.	7061.	1454.5	939.	8000.
47	7214.	6939.	0.	0.	6939.	1454.9	1061.	8000.
48	6725.	7235.	0.	0.	7235.	1454.1	765.	8000.
49	6894.	7097.	0.	0.	7097.	1453.8	903.	8000.
50	6913.	6282.	0.	0.	6282.	1454.8	718.	7000.
51	7124.	7010.	0.	0.	7010.	1455.0	733.	7743.
52	6605.	6605.	0.	0.	6605.	1455.0	408.	7013.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			CONC. ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1971 1	7079.	7079.	0.	0.	7079.	1455.0	724.	7803.
2	7114.	7114.	0.	0.	7114.	1455.0	604.	7718.
3	7188.	7188.	0.	0.	7188.	1455.0	492.	7680.
4	7448.	7448.	0.	0.	7448.	1455.0	419.	7867.
5	7736.	7736.	0.	0.	7736.	1455.0	379.	8115.
6	8076.	8076.	0.	0.	8076.	1455.0	351.	8427.
7	8407.	8407.	0.	0.	8407.	1455.0	319.	8726.
8	8690.	8690.	0.	0.	8690.	1455.0	282.	8972.
9	8972.	8972.	0.	0.	8972.	1455.0	257.	9229.
10	9372.	9372.	0.	0.	9372.	1455.0	250.	9622.
11	9561.	9561.	0.	0.	9561.	1455.0	234.	9795.
12	9259.	9259.	0.	0.	9259.	1455.0	214.	9473.
13	8716.	8716.	0.	0.	8716.	1455.0	192.	8908.
14	8361.	8361.	0.	0.	8361.	1455.0	146.	8507.
15	8323.	8323.	0.	0.	8323.	1455.0	128.	8451.
16	8302.	8302.	0.	0.	8302.	1455.0	116.	8418.
17	8254.	8254.	0.	0.	8254.	1455.0	103.	8357.
18	8221.	8221.	0.	0.	8221.	1455.0	98.	8319.
19	8219.	8219.	0.	0.	8219.	1455.0	101.	8320.
20	8175.	8175.	0.	0.	8175.	1455.0	92.	8267.
21	8129.	8129.	0.	0.	8129.	1455.0	92.	8221.
22	8027.	8027.	0.	0.	8027.	1455.0	90.	8117.
23	7609.	7609.	0.	0.	7609.	1455.0	85.	7694.
24	7327.	7327.	0.	0.	7327.	1455.0	85.	7412.
25	7038.	7038.	0.	0.	7038.	1455.0	85.	7123.
26	6858.	6858.	0.	0.	6858.	1455.0	85.	6943.
27	6719.	6719.	0.	0.	6719.	1455.0	94.	6813.
28	6499.	6499.	0.	0.	6499.	1455.0	97.	6596.
29	6241.	6241.	0.	0.	6241.	1455.0	106.	6347.
30	5887.	5887.	0.	0.	5887.	1455.0	118.	6005.
31	5484.	5484.	0.	0.	5484.	1455.0	145.	5629.
32	5333.	5333.	0.	0.	5333.	1455.0	200.	5533.
33	5645.	5706.	0.	0.	5706.	1454.9	294.	6000.
34	5710.	5649.	0.	0.	5649.	1455.0	519.	6168.
35	6054.	6054.	0.	0.	6054.	1455.0	853.	6907.
36	6875.	7753.	0.	0.	7753.	1453.6	1247.	9000.
37	9141.	8263.	0.	0.	8263.	1455.0	2574.	10837.
38	7112.	7437.	0.	0.	7437.	1454.5	1563.	9000.
39	8201.	7876.	0.	0.	7876.	1455.0	2158.	10034.
40	6784.	7718.	0.	0.	7718.	1453.5	1282.	9000.
41	6841.	7696.	0.	0.	7696.	1452.2	1304.	9000.
42	7170.	7497.	0.	0.	7497.	1451.6	1503.	9000.
43	6524.	8023.	0.	0.	8023.	1449.0	977.	9000.
44	7684.	7804.	0.	0.	7804.	1448.8	1196.	9000.
45	9647.	7263.	0.	0.	7263.	1452.8	1737.	9000.
46	9765.	8414.	0.	0.	8414.	1455.0	1553.	9967.
47	8453.	8453.	0.	0.	8453.	1455.0	952.	9405.
48	13024.	5724.	0.	7300.	13024.	1455.0	814.	13838.
49	21459.	5658.	0.	15801.	21459.	1455.0	1398.	22857.
50	13693.	5248.	0.	8446.	13693.	1455.0	893.	14586.
51	10354.	6332.	0.	4023.	10354.	1455.0	675.	11029.
52	8985.	8101.	0.	884.	8985.	1455.0	587.	9572.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1972 1	8918.	8918.	0.	0.	8918.	1455.0	390.	9308.
2	9301.	9301.	0.	0.	9301.	1455.0	349.	9650.
3	9644.	9644.	0.	0.	9644.	1455.0	265.	9909.
4	8782.	8782.	0.	0.	8782.	1455.0	219.	9001.
5	9178.	9178.	0.	0.	9178.	1455.0	214.	9392.
6	9618.	9618.	0.	0.	9618.	1455.0	201.	9819.
7	10087.	10087.	0.	0.	10087.	1455.0	190.	10277.
8	10510.	10510.	0.	0.	10510.	1455.0	179.	10689.
9	12012.	12012.	0.	0.	12012.	1455.0	169.	12181.
10	12593.	12593.	0.	0.	12593.	1455.0	211.	12804.
11	12857.	12857.	0.	0.	12857.	1455.0	211.	13068.
12	12492.	12492.	0.	0.	12492.	1455.0	195.	12687.
13	11854.	11854.	0.	0.	11854.	1455.0	195.	12049.
14	11558.	11558.	0.	0.	11558.	1455.0	218.	11776.
15	11528.	11528.	0.	0.	11528.	1455.0	199.	11727.
16	11511.	11511.	0.	0.	11511.	1455.0	199.	11710.
17	11493.	11493.	0.	0.	11493.	1455.0	199.	11692.
18	11465.	11465.	0.	0.	11465.	1455.0	200.	11665.
19	11492.	11492.	0.	0.	11492.	1455.0	201.	11693.
20	11437.	11437.	0.	0.	11437.	1455.0	193.	11630.
21	11389.	11389.	0.	0.	11389.	1455.0	193.	11582.
22	11259.	11259.	0.	0.	11259.	1455.0	184.	11443.
23	10729.	10729.	0.	0.	10729.	1455.0	168.	10897.
24	10379.	10379.	0.	0.	10379.	1455.0	161.	10540.
25	10031.	10031.	0.	0.	10031.	1455.0	161.	10192.
26	9837.	9837.	0.	0.	9837.	1455.0	158.	9995.
27	9678.	9678.	0.	0.	9678.	1455.0	217.	9895.
28	9423.	9423.	0.	0.	9423.	1455.0	217.	9640.
29	9160.	9160.	0.	0.	9160.	1455.0	207.	9367.
30	8785.	8785.	0.	0.	8785.	1455.0	217.	9002.
31	8464.	8464.	0.	0.	8464.	1455.0	440.	8904.
32	9958.	9958.	0.	0.	9958.	1455.0	2501.	12459.
33	9816.	9816.	0.	0.	9816.	1455.0	2463.	12279.
34	10345.	10345.	0.	0.	10345.	1455.0	3434.	13779.
35	12030.	11347.	0.	684.	12030.	1455.0	4856.	16886.
36	9401.	9401.	0.	0.	9401.	1455.0	1139.	10540.
37	10544.	10544.	0.	0.	10544.	1455.0	2020.	12564.
38	10022.	10022.	0.	0.	10022.	1455.0	1769.	11791.
39	8998.	8998.	0.	0.	8998.	1455.0	1197.	10195.
40	8091.	8091.	0.	0.	8091.	1455.0	1097.	9188.
41	8039.	8039.	0.	0.	8039.	1455.0	1096.	9135.
42	7729.	8023.	0.	0.	8023.	1454.5	977.	9000.
43	7218.	8203.	0.	0.	8203.	1453.0	797.	9000.
44	7220.	8325.	0.	0.	8325.	1451.2	675.	9000.
45	7391.	8224.	0.	0.	8224.	1449.8	776.	9000.
46	7412.	8290.	0.	0.	8290.	1448.1	710.	9000.
47	7813.	8069.	196.	0.	8265.	1447.1	735.	9000.
48	13290.	5735.	0.	3008.	8743.	1455.0	496.	9239.
49	12589.	5611.	0.	6978.	12589.	1455.0	597.	13186.
50	17212.	5269.	0.	11943.	17212.	1455.0	817.	18029.
51	12685.	5204.	0.	7481.	12685.	1455.0	601.	13286.
52	8308.	8308.	0.	0.	8308.	1455.0	272.	8580.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1973 1	8709.	8709.	0.	0.	8709.	1455.0	155.	8864.
2	7844.	7844.	0.	0.	7844.	1455.0	143.	7987.
3	8307.	8307.	0.	0.	8307.	1455.0	198.	8505.
4	8688.	8688.	0.	0.	8688.	1455.0	148.	8836.
5	9040.	9040.	0.	0.	9040.	1455.0	144.	9184.
6	9477.	9477.	0.	0.	9477.	1455.0	135.	9612.
7	9934.	9934.	0.	0.	9934.	1455.0	115.	10049.
8	10361.	10361.	0.	0.	10361.	1455.0	106.	10467.
9	10759.	10759.	0.	0.	10759.	1455.0	89.	10848.
10	11326.	11326.	0.	0.	11326.	1455.0	89.	11415.
11	11584.	11584.	0.	0.	11584.	1455.0	80.	11664.
12	11244.	11244.	0.	0.	11244.	1455.0	79.	11323.
13	10614.	10614.	0.	0.	10614.	1455.0	79.	10693.
14	10226.	10226.	0.	0.	10226.	1455.0	67.	10293.
15	10211.	10211.	0.	0.	10211.	1455.0	66.	10277.
16	10213.	10213.	0.	0.	10213.	1455.0	66.	10279.
17	10188.	10188.	0.	0.	10188.	1455.0	66.	10254.
18	10160.	10160.	0.	0.	10160.	1455.0	58.	10218.
19	10185.	10185.	0.	0.	10185.	1455.0	58.	10243.
20	10150.	10150.	0.	0.	10150.	1455.0	58.	10208.
21	10093.	10093.	0.	0.	10093.	1455.0	58.	10151.
22	9956.	9956.	0.	0.	9956.	1455.0	64.	10020.
23	9402.	9402.	0.	0.	9402.	1455.0	55.	9457.
24	9049.	9049.	0.	0.	9049.	1455.0	55.	9104.
25	8688.	8688.	0.	0.	8688.	1455.0	55.	8743.
26	8463.	8463.	0.	0.	8463.	1455.0	55.	8518.
27	8278.	8278.	0.	0.	8278.	1455.0	51.	8329.
28	7995.	7995.	0.	0.	7995.	1455.0	51.	8046.
29	7656.	7656.	0.	0.	7656.	1455.0	51.	7707.
30	7193.	7193.	0.	0.	7193.	1455.0	54.	7247.
31	6689.	6689.	0.	0.	6689.	1455.0	71.	6760.
32	6507.	6507.	0.	0.	6507.	1455.0	134.	6641.
33	7204.	7204.	0.	0.	7204.	1455.0	463.	7667.
34	7137.	7137.	0.	0.	7137.	1455.0	636.	7773.
35	7102.	7102.	0.	0.	7102.	1455.0	740.	7842.
36	7508.	8034.	0.	0.	8034.	1454.2	966.	9000.
37	8440.	7914.	0.	0.	7914.	1455.0	1611.	9525.
38	8549.	8549.	0.	0.	8549.	1455.0	1743.	10292.
39	7346.	7855.	0.	0.	7855.	1454.2	1145.	9000.
40	6395.	8328.	0.	0.	8328.	1451.1	672.	9000.
41	6361.	8359.	0.	0.	8359.	1447.4	641.	9000.
42	6081.	8515.	0.	0.	8515.	1442.4	485.	9000.
43	6250.	8476.	0.	0.	8476.	1437.9	524.	9000.
44	6744.	8373.	0.	0.	8373.	1434.5	627.	9000.
45	7107.	8246.	0.	0.	8246.	1432.2	754.	9000.
46	6972.	8398.	0.	0.	8398.	1429.3	602.	9000.
47	7565.	8218.	0.	0.	8218.	1428.0	782.	9000.
48	7985.	8089.	0.	0.	8089.	1427.8	911.	9000.
49	7484.	7260.	0.	0.	7260.	1428.2	740.	8000.
50	7654.	6483.	0.	0.	6483.	1430.6	517.	7000.
51	7798.	5564.	0.	0.	5564.	1435.2	436.	6000.
52	6295.	5645.	0.	0.	5645.	1436.7	355.	6000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1974 1	6445.	5639.	0.	0.	5639.	1438.3	361.	6000.
2	6566.	5710.	0.	0.	5710.	1440.1	290.	6000.
3	6674.	4800.	0.	0.	4800.	1443.9	200.	5000.
4	6977.	3849.	0.	0.	3849.	1450.2	151.	4000.
5	7180.	4165.	0.	0.	4165.	1455.0	79.	4244.
6	7538.	7538.	0.	0.	7538.	1455.0	69.	7607.
7	7918.	7918.	0.	0.	7918.	1455.0	64.	7982.
8	8262.	8262.	0.	0.	8262.	1455.0	58.	8320.
9	8588.	8588.	0.	0.	8588.	1455.0	53.	8641.
10	9008.	9008.	0.	0.	9008.	1455.0	44.	9052.
11	9219.	9219.	0.	0.	9219.	1455.0	40.	9259.
12	8947.	8947.	0.	0.	8947.	1455.0	38.	8985.
13	8442.	8442.	0.	0.	8442.	1455.0	37.	8479.
14	8152.	8152.	0.	0.	8152.	1455.0	31.	8183.
15	8141.	8141.	0.	0.	8141.	1455.0	30.	8171.
16	8141.	8141.	0.	0.	8141.	1455.0	29.	8170.
17	8121.	8121.	0.	0.	8121.	1455.0	28.	8149.
18	8095.	8095.	0.	0.	8095.	1455.0	31.	8126.
19	8099.	8099.	0.	0.	8099.	1455.0	35.	8134.
20	8070.	8070.	0.	0.	8070.	1455.0	35.	8105.
21	8022.	8022.	0.	0.	8022.	1455.0	33.	8055.
22	7923.	7923.	0.	0.	7923.	1455.0	32.	7955.
23	7526.	7526.	0.	0.	7526.	1455.0	36.	7562.
24	7242.	7242.	0.	0.	7242.	1455.0	36.	7278.
25	6950.	6950.	0.	0.	6950.	1455.0	34.	6984.
26	6770.	6770.	0.	0.	6770.	1455.0	34.	6804.
27	6611.	6611.	0.	0.	6611.	1455.0	61.	6672.
28	6385.	6385.	0.	0.	6385.	1455.0	64.	6449.
29	6124.	6124.	0.	0.	6124.	1455.0	77.	6201.
30	5785.	5785.	0.	0.	5785.	1455.0	121.	5906.
31	5598.	5598.	0.	0.	5598.	1455.0	184.	5782.
32	5932.	5932.	0.	0.	5932.	1455.0	361.	6293.
33	6873.	6873.	0.	0.	6873.	1455.0	675.	7548.
34	8644.	8644.	0.	0.	8644.	1455.0	1508.	10152.
35	8854.	8854.	0.	0.	8854.	1455.0	1974.	10828.
36	7741.	7741.	0.	0.	7741.	1455.0	1448.	9189.
37	8191.	8191.	0.	0.	8191.	1455.0	1237.	9428.
38	7904.	7904.	0.	0.	7904.	1455.0	1157.	9061.
39	7954.	7954.	0.	0.	7954.	1455.0	1235.	9189.
40	6608.	8058.	0.	0.	8058.	1452.7	942.	9000.
41	7027.	7830.	0.	0.	7830.	1451.4	1170.	9000.
42	6910.	7927.	0.	0.	7927.	1449.7	1073.	9000.
43	6928.	7968.	0.	0.	7968.	1447.6	1032.	9000.
44	7341.	7891.	0.	0.	7891.	1446.5	1109.	9000.
45	7575.	7807.	0.	0.	7807.	1446.0	1193.	9000.
46	7460.	7980.	0.	0.	7980.	1445.0	1020.	9000.
47	6136.	8193.	0.	0.	8193.	1440.8	807.	9000.
48	6882.	7942.	0.	0.	7942.	1438.6	1058.	9000.
49	7487.	6972.	0.	0.	6972.	1439.7	1028.	8000.
50	6869.	6424.	0.	0.	6424.	1440.6	576.	7000.
51	7070.	5417.	0.	0.	5417.	1443.9	583.	6000.
52	7516.	5233.	0.	0.	5233.	1449.3	767.	6000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL	DEVIL	CANYON OUTFLOW		TOTAL OUTFLOW	END OF	INTERVEN-	TOTAL FLOW GOLD CREEK
	CANYON INFLOW	TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE		WEEK RESERVOIR ELEVATION	ING FLOW DEVIL CANYON -GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1975 1	6398.	5655.	0.	0.	5655.	1450.6	345.	6000.
2	6644.	5657.	0.	0.	5657.	1452.2	343.	6000.
3	6632.	4856.	0.	0.	4856.	1455.0	182.	5038.
4	6915.	6915.	0.	0.	6915.	1455.0	121.	7036.
5	7188.	7188.	0.	0.	7188.	1455.0	82.	7270.
6	7567.	7567.	0.	0.	7567.	1455.0	78.	7645.
7	7956.	7956.	0.	0.	7956.	1455.0	78.	8034.
8	8308.	8308.	0.	0.	8308.	1455.0	78.	8386.
9	8645.	8645.	0.	0.	8645.	1455.0	79.	8724.
10	9152.	9152.	0.	0.	9152.	1455.0	121.	9273.
11	9371.	9371.	0.	0.	9371.	1455.0	121.	9492.
12	9102.	9102.	0.	0.	9102.	1455.0	121.	9223.
13	8598.	8598.	0.	0.	8598.	1455.0	121.	8719.
14	8295.	8295.	0.	0.	8295.	1455.0	113.	8408.
15	8273.	8273.	0.	0.	8273.	1455.0	106.	8379.
16	8275.	8275.	0.	0.	8275.	1455.0	106.	8381.
17	8255.	8255.	0.	0.	8255.	1455.0	106.	8361.
18	8235.	8235.	0.	0.	8235.	1455.0	107.	8342.
19	8283.	8283.	0.	0.	8283.	1455.0	135.	8418.
20	8255.	8255.	0.	0.	8255.	1455.0	135.	8390.
21	8199.	8199.	0.	0.	8199.	1455.0	130.	8329.
22	8091.	8091.	0.	0.	8091.	1455.0	126.	8217.
23	7692.	7692.	0.	0.	7692.	1455.0	128.	7820.
24	7410.	7410.	0.	0.	7410.	1455.0	128.	7538.
25	7121.	7121.	0.	0.	7121.	1455.0	128.	7249.
26	6941.	6941.	0.	0.	6941.	1455.0	128.	7069.
27	6778.	6778.	0.	0.	6778.	1455.0	152.	6930.
28	6553.	6553.	0.	0.	6553.	1455.0	154.	6707.
29	6302.	6302.	0.	0.	6302.	1455.0	168.	6470.
30	5971.	5971.	0.	0.	5971.	1455.0	199.	6170.
31	5696.	5696.	0.	0.	5696.	1455.0	284.	5980.
32	6094.	6094.	0.	0.	6094.	1455.0	673.	6767.
33	7527.	7527.	0.	0.	7527.	1455.0	1479.	9006.
34	8487.	8487.	0.	0.	8487.	1455.0	2259.	10746.
35	9378.	9378.	0.	0.	9378.	1455.0	2792.	12170.
36	8519.	8519.	0.	0.	8519.	1455.0	1938.	10457.
37	8342.	8342.	0.	0.	8342.	1455.0	1457.	9799.
38	9429.	9429.	0.	0.	9429.	1455.0	1830.	11259.
39	9041.	9041.	0.	0.	9041.	1455.0	1635.	10676.
40	8414.	8414.	0.	0.	8414.	1455.0	1345.	9759.
41	8484.	8484.	0.	0.	8484.	1455.0	1464.	9948.
42	8348.	8348.	0.	0.	8348.	1455.0	1386.	9734.
43	8208.	8208.	0.	0.	8208.	1455.0	1269.	9477.
44	8407.	8407.	0.	0.	8407.	1455.0	1411.	9818.
45	8155.	8155.	0.	0.	8155.	1455.0	1244.	9399.
46	8199.	8199.	0.	0.	8199.	1455.0	1188.	9387.
47	8169.	8169.	0.	0.	8169.	1455.0	1049.	9218.
48	8946.	7360.	0.	1586.	8946.	1455.0	905.	9851.
49	10858.	5597.	0.	5261.	10858.	1455.0	885.	11743.
50	18386.	5272.	0.	13114.	18386.	1455.0	1500.	19886.
51	17223.	5227.	0.	11996.	17223.	1455.0	1406.	18629.
52	14515.	5414.	0.	9101.	14515.	1455.0	1185.	15700.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1976 1	9491.	9491.	0.	0.	9491.	1455.0	940.	10431.
2	9799.	9799.	0.	0.	9799.	1455.0	828.	10627.
3	10155.	10155.	0.	0.	10155.	1455.0	764.	10919.
4	10260.	10260.	0.	0.	10260.	1455.0	451.	10711.
5	9236.	9236.	0.	0.	9236.	1455.0	270.	9506.
6	9583.	9583.	0.	0.	9583.	1455.0	216.	9799.
7	9997.	9997.	0.	0.	9997.	1455.0	164.	10161.
8	10388.	10388.	0.	0.	10388.	1455.0	130.	10518.
9	11941.	11941.	0.	0.	11941.	1455.0	104.	12045.
10	12472.	12472.	0.	0.	12472.	1455.0	80.	12552.
11	12738.	12738.	0.	0.	12738.	1455.0	77.	12815.
12	12389.	12389.	0.	0.	12389.	1455.0	74.	12463.
13	11752.	11752.	0.	0.	11752.	1455.0	70.	11822.
14	11450.	11450.	0.	0.	11450.	1455.0	80.	11530.
15	11447.	11447.	0.	0.	11447.	1455.0	79.	11526.
16	11431.	11431.	0.	0.	11431.	1455.0	76.	11507.
17	11417.	11417.	0.	0.	11417.	1455.0	75.	11492.
18	11395.	11395.	0.	0.	11395.	1455.0	74.	11469.
19	10185.	10185.	0.	0.	10185.	1455.0	70.	10255.
20	10150.	10150.	0.	0.	10150.	1455.0	70.	10220.
21	10093.	10093.	0.	0.	10093.	1455.0	70.	10163.
22	9965.	9965.	0.	0.	9965.	1455.0	73.	10038.
23	9460.	9460.	0.	0.	9460.	1455.0	78.	9538.
24	9107.	9107.	0.	0.	9107.	1455.0	78.	9185.
25	8746.	8746.	0.	0.	8746.	1455.0	78.	8824.
26	8521.	8521.	0.	0.	8521.	1455.0	78.	8599.
27	8320.	8320.	0.	0.	8320.	1455.0	144.	8464.
28	8042.	8042.	0.	0.	8042.	1455.0	151.	8193.
29	7730.	7730.	0.	0.	7730.	1455.0	188.	7918.
30	7360.	7360.	0.	0.	7360.	1455.0	314.	7674.
31	7458.	7458.	0.	0.	7458.	1455.0	646.	8104.
32	8906.	8906.	0.	0.	8906.	1455.0	1569.	10475.
33	9028.	9028.	0.	0.	9028.	1455.0	1508.	10536.
34	8819.	8819.	0.	0.	8819.	1455.0	1578.	10397.
35	8960.	8960.	0.	0.	8960.	1455.0	1733.	10693.
36	8790.	8790.	0.	0.	8790.	1455.0	1455.	10245.
37	8723.	8723.	0.	0.	8723.	1455.0	1569.	10292.
38	7577.	7895.	0.	0.	7895.	1454.5	1105.	9000.
39	7447.	7934.	0.	0.	7934.	1453.7	1066.	9000.
40	6275.	7947.	0.	0.	7947.	1451.1	1053.	9000.
41	6297.	7949.	0.	0.	7949.	1448.0	1051.	9000.
42	6286.	7999.	0.	0.	7999.	1444.5	1001.	9000.
43	6410.	7974.	0.	0.	7974.	1441.3	1026.	9000.
44	6490.	8536.	0.	0.	8536.	1437.1	464.	9000.
45	6869.	8886.	0.	0.	8886.	1433.0	114.	9000.
46	6711.	8915.	0.	0.	8915.	1428.5	85.	9000.
47	6720.	8936.	0.	0.	8936.	1424.0	64.	9000.
48	6843.	8896.	0.	0.	8896.	1419.9	104.	9000.
49	6158.	7435.	0.	0.	7435.	1417.3	565.	8000.
50	6349.	6537.	0.	0.	6537.	1416.9	463.	7000.
51	6542.	5535.	0.	0.	5535.	1418.9	465.	6000.
52	6637.	5504.	0.	0.	5504.	1421.6	496.	6000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1977 1	6490.	5611.	0.	0.	5611.	1423.4	389.	6000.
2	6608.	5683.	0.	0.	5683.	1425.2	317.	6000.
3	6857.	4698.	0.	0.	4698.	1429.6	302.	5000.
4	7187.	3731.	0.	0.	3731.	1436.7	269.	4000.
5	7551.	2709.	0.	0.	2709.	1446.5	291.	3000.
6	7898.	3054.	0.	0.	3054.	1455.0	276.	3330.
7	8258.	8258.	0.	0.	8258.	1455.0	258.	8516.
8	8584.	8584.	0.	0.	8584.	1455.0	244.	8828.
9	9002.	9002.	0.	0.	9002.	1455.0	286.	9288.
10	9464.	9464.	0.	0.	9464.	1455.0	285.	9749.
11	9634.	9634.	0.	0.	9634.	1455.0	257.	9891.
12	9324.	9324.	0.	0.	9324.	1455.0	237.	9561.
13	8788.	8788.	0.	0.	8788.	1455.0	219.	9007.
14	8422.	8422.	0.	0.	8422.	1455.0	185.	8607.
15	8402.	8402.	0.	0.	8402.	1455.0	180.	8582.
16	8387.	8387.	0.	0.	8387.	1455.0	171.	8558.
17	8360.	8360.	0.	0.	8360.	1455.0	167.	8527.
18	8328.	8328.	0.	0.	8328.	1455.0	157.	8485.
19	8309.	8309.	0.	0.	8309.	1455.0	142.	8451.
20	8277.	8277.	0.	0.	8277.	1455.0	139.	8416.
21	8231.	8231.	0.	0.	8231.	1455.0	139.	8370.
22	8127.	8127.	0.	0.	8127.	1455.0	142.	8269.
23	7709.	7709.	0.	0.	7709.	1455.0	145.	7854.
24	7427.	7427.	0.	0.	7427.	1455.0	145.	7572.
25	7138.	7138.	0.	0.	7138.	1455.0	145.	7283.
26	6958.	6958.	0.	0.	6958.	1455.0	145.	7103.
27	6855.	6855.	0.	0.	6855.	1455.0	162.	7017.
28	6629.	6629.	0.	0.	6629.	1455.0	162.	6791.
29	6374.	6374.	0.	0.	6374.	1455.0	170.	6544.
30	6015.	6015.	0.	0.	6015.	1455.0	179.	6194.
31	5668.	5668.	0.	0.	5668.	1455.0	259.	5927.
32	5755.	5755.	0.	0.	5755.	1455.0	483.	6238.
33	7785.	7785.	0.	0.	7785.	1455.0	1750.	9535.
34	8896.	8896.	0.	0.	8896.	1455.0	2685.	11581.
35	10668.	10668.	0.	0.	10668.	1455.0	3752.	14420.
36	8293.	8293.	0.	0.	8293.	1455.0	1766.	10059.
37	9274.	9274.	0.	0.	9274.	1455.0	2338.	11612.
38	9293.	9293.	0.	0.	9293.	1455.0	1915.	11208.
39	9179.	9179.	0.	0.	9179.	1455.0	1709.	10888.
40	7971.	7971.	0.	0.	7971.	1455.0	1284.	9255.
41	8038.	8038.	0.	0.	8038.	1455.0	1427.	9465.
42	8054.	8054.	0.	0.	8054.	1455.0	1509.	9563.
43	7843.	7843.	0.	0.	7843.	1455.0	1256.	9099.
44	8029.	8086.	0.	0.	8086.	1454.9	914.	9000.
45	7724.	8366.	0.	0.	8366.	1453.9	634.	9000.
46	7702.	8421.	0.	0.	8421.	1452.7	579.	9000.
47	7901.	8414.	0.	0.	8414.	1451.9	586.	9000.
48	7516.	8587.	0.	0.	8587.	1450.2	413.	9000.
49	8904.	7351.	0.	0.	7351.	1452.7	649.	8000.
50	11742.	5246.	0.	5047.	10292.	1455.0	920.	11212.
51	13190.	5206.	0.	7984.	13190.	1455.0	881.	14071.
52	11099.	5896.	0.	5204.	11099.	1455.0	743.	11842.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	VALVE EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1978 1	9242.	9242.	0.	0.	9242.	1455.0	717.	9959.
2	9674.	9674.	0.	0.	9674.	1455.0	728.	10402.
3	10011.	10011.	0.	0.	10011.	1455.0	639.	10650.
4	10277.	10277.	0.	0.	10277.	1455.0	476.	10753.
5	9521.	9521.	0.	0.	9521.	1455.0	407.	9928.
6	9891.	9891.	0.	0.	9891.	1455.0	355.	10246.
7	10318.	10318.	0.	0.	10318.	1455.0	319.	10637.
8	11722.	11722.	0.	0.	11722.	1455.0	296.	12018.
9	12099.	12099.	0.	0.	12099.	1455.0	272.	12371.
10	12606.	12606.	0.	0.	12606.	1455.0	234.	12840.
11	12860.	12860.	0.	0.	12860.	1455.0	224.	13084.
12	12503.	12503.	0.	0.	12503.	1455.0	217.	12720.
13	11850.	11850.	0.	0.	11850.	1455.0	201.	12051.
14	11509.	11509.	0.	0.	11509.	1455.0	176.	11685.
15	11485.	11485.	0.	0.	11485.	1455.0	165.	11650.
16	11459.	11459.	0.	0.	11459.	1455.0	157.	11616.
17	11436.	11436.	0.	0.	11436.	1455.0	151.	11587.
18	11403.	11403.	0.	0.	11403.	1455.0	144.	11547.
19	11433.	11433.	0.	0.	11433.	1455.0	152.	11585.
20	11383.	11383.	0.	0.	11383.	1455.0	147.	11530.
21	11336.	11336.	0.	0.	11336.	1455.0	147.	11483.
22	11211.	11211.	0.	0.	11211.	1455.0	140.	11351.
23	10681.	10681.	0.	0.	10681.	1455.0	122.	10803.
24	10339.	10339.	0.	0.	10339.	1455.0	122.	10461.
25	9993.	9993.	0.	0.	9993.	1455.0	122.	10115.
26	9801.	9801.	0.	0.	9801.	1455.0	123.	9924.
27	9648.	9648.	0.	0.	9648.	1455.0	209.	9857.
28	9393.	9393.	0.	0.	9393.	1455.0	209.	9602.
29	9135.	9135.	0.	0.	9135.	1455.0	209.	9344.
30	8743.	8743.	0.	0.	8743.	1455.0	221.	8964.
31	8053.	8053.	0.	0.	8053.	1455.0	139.	8192.
32	8054.	8054.	0.	0.	8054.	1455.0	213.	8267.
33	8491.	8491.	0.	0.	8491.	1455.0	290.	8781.
34	7898.	7898.	0.	0.	7898.	1455.0	196.	8094.
35	7617.	7617.	0.	0.	7617.	1455.0	221.	7838.
36	7712.	7712.	0.	0.	7712.	1455.0	469.	8181.
37	7706.	7706.	0.	0.	7706.	1455.0	651.	8357.
38	7347.	7443.	0.	0.	7443.	1454.8	557.	8000.
39	6530.	7306.	0.	0.	7306.	1453.6	694.	8000.
40	6706.	7010.	0.	0.	7010.	1453.1	990.	8000.
41	6611.	7081.	0.	0.	7081.	1452.4	919.	8000.
42	6677.	7071.	0.	0.	7071.	1451.8	929.	8000.
43	6737.	7089.	0.	0.	7089.	1451.2	911.	8000.
44	7801.	6721.	0.	0.	6721.	1452.9	1279.	8000.
45	7829.	6803.	0.	0.	6803.	1454.5	1197.	8000.
46	6694.	6888.	0.	0.	6888.	1454.2	1112.	8000.
47	6531.	7072.	0.	0.	7072.	1453.4	928.	8000.
48	6308.	7324.	0.	0.	7324.	1451.8	676.	8000.
49	6525.	7302.	0.	0.	7302.	1450.5	698.	8000.
50	6750.	6371.	0.	0.	6371.	1451.1	629.	7000.
51	6663.	5527.	0.	0.	5527.	1452.9	473.	6000.
52	6503.	5646.	0.	0.	5646.	1454.5	354.	6000.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1979 1	6587.	6268.	0.	0.	6268.	1455.0	411.	6679.
2	6933.	6933.	0.	0.	6933.	1455.0	462.	7395.
3	7034.	7034.	0.	0.	7034.	1455.0	373.	7407.
4	7244.	7244.	0.	0.	7244.	1455.0	281.	7525.
5	7569.	7569.	0.	0.	7569.	1455.0	310.	7879.
6	7885.	7885.	0.	0.	7885.	1455.0	296.	8181.
7	8159.	8159.	0.	0.	8159.	1455.0	222.	8381.
8	8468.	8468.	0.	0.	8468.	1455.0	195.	8663.
9	8789.	8789.	0.	0.	8789.	1455.0	179.	8968.
10	9202.	9202.	0.	0.	9202.	1455.0	152.	9354.
11	9398.	9398.	0.	0.	9398.	1455.0	138.	9536.
12	9106.	9106.	0.	0.	9106.	1455.0	124.	9230.
13	8594.	8594.	0.	0.	8594.	1455.0	119.	8713.
14	8266.	8266.	0.	0.	8266.	1455.0	98.	8364.
15	8250.	8250.	0.	0.	8250.	1455.0	94.	8344.
16	8252.	8252.	0.	0.	8252.	1455.0	94.	8346.
17	8232.	8232.	0.	0.	8232.	1455.0	94.	8326.
18	8196.	8196.	0.	0.	8196.	1455.0	87.	8283.
19	8192.	8192.	0.	0.	8192.	1455.0	82.	8274.
20	8164.	8164.	0.	0.	8164.	1455.0	82.	8246.
21	8118.	8118.	0.	0.	8118.	1455.0	82.	8200.
22	8005.	8005.	0.	0.	8005.	1455.0	74.	8079.
23	7516.	7516.	0.	0.	7516.	1455.0	31.	7547.
24	7234.	7234.	0.	0.	7234.	1455.0	31.	7265.
25	6945.	6945.	0.	0.	6945.	1455.0	31.	6976.
26	6765.	6765.	0.	0.	6765.	1455.0	31.	6796.
27	6633.	6633.	0.	0.	6633.	1455.0	69.	6702.
28	6411.	6411.	0.	0.	6411.	1455.0	73.	6484.
29	6146.	6146.	0.	0.	6146.	1455.0	81.	6227.
30	5790.	5790.	0.	0.	5790.	1455.0	103.	5893.
31	5457.	5457.	0.	0.	5457.	1455.0	105.	5562.
32	5413.	5413.	0.	0.	5413.	1455.0	145.	5558.
33	6077.	6077.	0.	0.	6077.	1455.0	338.	6415.
34	6327.	6327.	0.	0.	6327.	1455.0	539.	6866.
35	6944.	6944.	0.	0.	6944.	1455.0	1008.	7952.
36	5729.	8197.	0.	0.	8197.	1451.1	803.	9000.
37	6354.	8326.	0.	0.	8326.	1447.4	674.	9000.
38	6111.	8391.	0.	0.	8391.	1442.7	609.	9000.
39	7307.	8247.	0.	0.	8247.	1440.8	753.	9000.
40	8238.	7711.	0.	0.	7711.	1441.9	1289.	9000.
41	8246.	7725.	0.	0.	7725.	1442.9	1275.	9000.
42	8788.	7448.	0.	0.	7448.	1445.7	1552.	9000.
43	8954.	7411.	0.	0.	7411.	1448.8	1589.	9000.
44	9694.	7353.	0.	0.	7353.	1452.8	1647.	9000.
45	9336.	7949.	0.	0.	7949.	1455.0	1474.	9423.
46	8474.	8474.	0.	0.	8474.	1455.0	1191.	9665.
47	8375.	8375.	0.	0.	8375.	1455.0	1014.	9389.
48	8428.	8428.	0.	0.	8428.	1455.0	939.	9367.
49	8121.	8121.	0.	0.	8121.	1455.0	613.	8734.
50	8272.	8272.	0.	0.	8272.	1455.0	597.	8869.
51	8662.	8662.	0.	0.	8662.	1455.0	880.	9542.
52	8648.	8648.	0.	0.	8648.	1455.0	695.	9343.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE	ENVIRON. EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1980 1	8035.	8035.	0.	0.	8035.	1455.0	404.	8439.
2	8566.	8566.	0.	0.	8566.	1455.0	513.	9079.
3	8602.	8602.	0.	0.	8602.	1455.0	361.	8963.
4	8904.	8904.	0.	0.	8904.	1455.0	267.	9171.
5	9301.	9301.	0.	0.	9301.	1455.0	283.	9584.
6	9729.	9729.	0.	0.	9729.	1455.0	276.	10005.
7	10266.	10266.	0.	0.	10266.	1455.0	308.	10574.
8	11638.	11638.	0.	0.	11638.	1455.0	220.	11858.
9	12026.	12026.	0.	0.	12026.	1455.0	206.	12232.
10	12528.	12528.	0.	0.	12528.	1455.0	167.	12695.
11	12777.	12777.	0.	0.	12777.	1455.0	150.	12927.
12	12415.	12415.	0.	0.	12415.	1455.0	138.	12553.
13	11766.	11766.	0.	0.	11766.	1455.0	125.	11891.
14	11439.	11439.	0.	0.	11439.	1455.0	113.	11552.
15	11420.	11420.	0.	0.	11420.	1455.0	107.	11527.
16	11398.	11398.	0.	0.	11398.	1455.0	101.	11499.
17	11377.	11377.	0.	0.	11377.	1455.0	96.	11473.
18	11349.	11349.	0.	0.	11349.	1455.0	93.	11442.
19	11374.	11374.	0.	0.	11374.	1455.0	89.	11463.
20	11325.	11325.	0.	0.	11325.	1455.0	85.	11410.
21	11276.	11276.	0.	0.	11276.	1455.0	81.	11357.
22	11157.	11157.	0.	0.	11157.	1455.0	80.	11237.
23	10642.	10642.	0.	0.	10642.	1455.0	79.	10721.
24	10300.	10300.	0.	0.	10300.	1455.0	79.	10379.
25	9954.	9954.	0.	0.	9954.	1455.0	79.	10033.
26	9763.	9763.	0.	0.	9763.	1455.0	79.	9842.
27	9623.	9623.	0.	0.	9623.	1455.0	140.	9763.
28	9369.	9369.	0.	0.	9369.	1455.0	140.	9509.
29	9115.	9115.	0.	0.	9115.	1455.0	147.	9262.
30	8739.	8739.	0.	0.	8739.	1455.0	200.	8939.
31	8317.	8317.	0.	0.	8317.	1455.0	268.	8585.
32	8572.	8572.	0.	0.	8572.	1455.0	502.	9074.
33	8905.	8905.	0.	0.	8905.	1455.0	718.	9623.
34	8719.	8719.	0.	0.	8719.	1455.0	642.	9361.
35	9018.	9018.	0.	0.	9018.	1455.0	1075.	10093.
36	9468.	9468.	0.	0.	9468.	1455.0	3170.	12638.
37	8885.	8885.	0.	0.	8885.	1455.0	2498.	11383.
38	9215.	9215.	0.	0.	9215.	1455.0	3235.	12450.
39	8826.	8826.	0.	0.	8826.	1455.0	2822.	11648.
40	8210.	8210.	0.	0.	8210.	1455.0	1842.	10052.
41	8286.	8286.	0.	0.	8286.	1455.0	1867.	10153.
42	8733.	8733.	0.	0.	8733.	1455.0	1972.	10705.
43	8526.	8526.	0.	0.	8526.	1455.0	1771.	10297.
44	8856.	8856.	0.	0.	8856.	1455.0	1574.	10430.
45	8350.	8350.	0.	0.	8350.	1455.0	1798.	10148.
46	8371.	8371.	0.	0.	8371.	1455.0	1699.	10070.
47	8349.	8349.	0.	0.	8349.	1455.0	1540.	9889.
48	8227.	8227.	0.	0.	8227.	1455.0	1044.	9271.
49	8188.	8188.	0.	0.	8188.	1455.0	784.	8972.
50	8387.	8387.	0.	0.	8387.	1455.0	839.	9226.
51	11896.	6962.	0.	4934.	11896.	1455.0	1408.	13304.
52	11492.	7165.	0.	4328.	11492.	1455.0	921.	12413.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1981 1	9434.	8499.	0.	935.	9434.	1455.0	415.	9849.
2	9375.	9375.	0.	0.	9375.	1455.0	370.	9745.
3	9725.	9725.	0.	0.	9725.	1455.0	309.	10034.
4	10090.	10090.	0.	0.	10090.	1455.0	254.	10344.
5	10417.	10417.	0.	0.	10417.	1455.0	268.	10685.
6	10822.	10822.	0.	0.	10822.	1455.0	282.	11104.
7	11183.	11183.	0.	0.	11183.	1455.0	211.	11394.
8	11606.	11606.	0.	0.	11606.	1455.0	215.	11821.
9	12002.	12002.	0.	0.	12002.	1455.0	202.	12204.
10	12402.	12402.	0.	0.	12402.	1455.0	98.	12500.
11	12662.	12662.	0.	0.	12662.	1455.0	76.	12738.
12	12313.	12313.	0.	0.	12313.	1455.0	71.	12384.
13	11677.	11677.	0.	0.	11677.	1455.0	68.	11745.
14	11383.	11383.	0.	0.	11383.	1455.0	47.	11430.
15	11379.	11379.	0.	0.	11379.	1455.0	54.	11433.
16	11368.	11368.	0.	0.	11368.	1455.0	63.	11431.
17	11355.	11355.	0.	0.	11355.	1455.0	68.	11423.
18	11330.	11330.	0.	0.	11330.	1455.0	67.	11397.
19	11465.	11465.	0.	0.	11465.	1455.0	174.	11639.
20	11388.	11388.	0.	0.	11388.	1455.0	146.	11534.
21	11312.	11312.	0.	0.	11312.	1455.0	116.	11428.
22	11182.	11182.	0.	0.	11182.	1455.0	109.	11291.
23	10665.	10665.	0.	0.	10665.	1455.0	109.	10774.
24	10329.	10329.	0.	0.	10329.	1455.0	116.	10445.
25	9985.	9985.	0.	0.	9985.	1455.0	119.	10104.
26	9793.	9793.	0.	0.	9793.	1455.0	121.	9914.
27	9653.	9653.	0.	0.	9653.	1455.0	251.	9904.
28	9403.	9403.	0.	0.	9403.	1455.0	261.	9664.
29	9152.	9152.	0.	0.	9152.	1455.0	278.	9430.
30	8847.	8847.	0.	0.	8847.	1455.0	360.	9207.
31	8363.	8363.	0.	0.	8363.	1455.0	427.	8790.
32	9103.	9103.	0.	0.	9103.	1455.0	1161.	10264.
33	8974.	8974.	0.	0.	8974.	1455.0	1165.	10139.
34	8560.	8560.	0.	0.	8560.	1455.0	767.	9327.
35	8821.	8821.	0.	0.	8821.	1455.0	1059.	9880.
36	8400.	8462.	0.	0.	8462.	1454.9	538.	9000.
37	7879.	8511.	0.	0.	8511.	1453.9	489.	9000.
38	7821.	8474.	0.	0.	8474.	1452.9	526.	9000.
39	8025.	8387.	0.	0.	8387.	1452.3	613.	9000.
40	7057.	7328.	0.	0.	7328.	1451.8	1672.	9000.
41	9893.	7913.	0.	0.	7913.	1455.0	3948.	11861.
42	9456.	9456.	0.	0.	9456.	1455.0	3860.	13316.
43	9155.	9155.	0.	0.	9155.	1455.0	3442.	12597.
44	9727.	9727.	0.	0.	9727.	1455.0	2533.	12260.
45	9576.	9576.	0.	0.	9576.	1455.0	1453.	11029.
46	20482.	6078.	0.	14404.	20482.	1455.0	1877.	22359.
47	35541.	5959.	0.	29582.	35541.	1455.0	1488.	37029.
48	23832.	5767.	0.	18066.	23832.	1455.0	1139.	24971.
49	16893.	5635.	0.	11258.	16893.	1455.0	1093.	17986.
50	13620.	5247.	0.	8373.	13620.	1455.0	880.	14500.
51	11366.	5202.	0.	6164.	11366.	1455.0	734.	12100.
52	9251.	7777.	0.	1474.	9251.	1455.0	598.	9849.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL TURBINE DISCHARGE	DEVIL CANYON OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK	
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(FT) (7)	(CFS) (8)	(CFS) (9)
1982 1	8882.	8882.	0.	0.	8882.	1455.0	1072.	9954.
2	9287.	9287.	0.	0.	9287.	1455.0	1010.	10297.
3	9725.	9725.	0.	0.	9725.	1455.0	1038.	10763.
4	9118.	9118.	0.	0.	9118.	1455.0	1205.	10323.
5	9574.	9574.	0.	0.	9574.	1455.0	471.	10045.
6	9947.	9947.	0.	0.	9947.	1455.0	430.	10377.
7	10419.	10419.	0.	0.	10419.	1455.0	421.	10840.
8	11743.	11743.	0.	0.	11743.	1455.0	354.	12097.
9	12104.	12104.	0.	0.	12104.	1455.0	294.	12398.
10	12576.	12576.	0.	0.	12576.	1455.0	201.	12777.
11	12827.	12827.	0.	0.	12827.	1455.0	192.	13019.
12	12471.	12471.	0.	0.	12471.	1455.0	185.	12656.
13	11834.	11834.	0.	0.	11834.	1455.0	185.	12019.
14	11548.	11548.	0.	0.	11548.	1455.0	216.	11764.
15	11535.	11535.	0.	0.	11535.	1455.0	217.	11752.
16	11517.	11517.	0.	0.	11517.	1455.0	217.	11734.
17	11498.	11498.	0.	0.	11498.	1455.0	217.	11715.
18	11465.	11465.	0.	0.	11465.	1455.0	208.	11673.
19	11529.	11529.	0.	0.	11529.	1455.0	246.	11775.
20	11419.	11419.	0.	0.	11419.	1455.0	179.	11598.
21	11326.	11326.	0.	0.	11326.	1455.0	131.	11457.
22	11195.	11195.	0.	0.	11195.	1455.0	118.	11313.
23	10660.	10660.	0.	0.	10660.	1455.0	99.	10759.
24	10320.	10320.	0.	0.	10320.	1455.0	99.	10419.
25	9981.	9981.	0.	0.	9981.	1455.0	104.	10085.
26	9817.	9817.	0.	0.	9817.	1455.0	134.	9951.
27	9728.	9728.	0.	0.	9728.	1455.0	214.	9942.
28	9474.	9474.	0.	0.	9474.	1455.0	214.	9688.
29	9233.	9233.	0.	0.	9233.	1455.0	237.	9470.
30	9026.	9026.	0.	0.	9026.	1455.0	314.	9340.
31	8298.	8298.	0.	0.	8298.	1455.0	351.	8649.
32	8505.	8505.	0.	0.	8505.	1455.0	893.	9398.
33	9069.	9069.	0.	0.	9069.	1455.0	1655.	10724.
34	9249.	9249.	0.	0.	9249.	1455.0	2223.	11472.
35	9304.	9304.	0.	0.	9304.	1455.0	2171.	11475.
36	9396.	9396.	0.	0.	9396.	1455.0	1493.	10889.
37	8922.	8922.	0.	0.	8922.	1455.0	1248.	10170.
38	9286.	9286.	0.	0.	9286.	1455.0	1648.	10934.
39	9063.	9063.	0.	0.	9063.	1455.0	1598.	10661.
40	7011.	8210.	0.	0.	8210.	1453.1	790.	9000.
41	7515.	8022.	0.	0.	8022.	1452.3	978.	9000.
42	7607.	8007.	0.	0.	8007.	1451.6	993.	9000.
43	8008.	7886.	0.	0.	7886.	1451.8	1114.	9000.
44	7463.	7646.	0.	0.	7646.	1451.5	1354.	9000.
45	7002.	7757.	0.	0.	7757.	1450.3	1243.	9000.
46	6990.	7917.	0.	0.	7917.	1448.6	1083.	9000.
47	7062.	8055.	0.	0.	8055.	1446.5	945.	9000.
48	7518.	8021.	0.	0.	8021.	1445.5	979.	9000.
49	7174.	7062.	0.	0.	7062.	1445.7	938.	8000.
50	7995.	5827.	0.	0.	5827.	1450.1	1173.	7000.
51	9532.	6467.	0.	0.	6467.	1455.0	1845.	8312.
52	7920.	7920.	0.	0.	7920.	1455.0	1018.	8938.

TABLE 10 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	CANYON OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON -GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	ENVIRON. RELEASE	VALVE EXCESS RELEASE		(FT)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1983 1	7486.	7486.	0.	0.	7486.	1455.0	938.	8424.
2	7372.	7372.	0.	0.	7372.	1455.0	737.	8109.
3	7397.	7397.	0.	0.	7397.	1455.0	600.	7997.
4	7336.	7336.	0.	0.	7336.	1455.0	352.	7688.
5	7414.	7414.	0.	0.	7414.	1455.0	211.	7625.
6	7761.	7761.	0.	0.	7761.	1455.0	196.	7957.
7	8133.	8133.	0.	0.	8133.	1455.0	185.	8318.
8	10505.	10505.	0.	0.	10505.	1455.0	174.	10679.
9	10915.	10915.	0.	0.	10915.	1455.0	165.	11080.
10	11463.	11463.	0.	0.	11463.	1455.0	159.	11622.
11	11737.	11737.	0.	0.	11737.	1455.0	158.	11895.
12	11401.	11401.	0.	0.	11401.	1455.0	158.	11559.
13	10788.	10788.	0.	0.	10788.	1455.0	169.	10957.
14	10483.	10483.	0.	0.	10483.	1455.0	202.	10685.
15	10422.	10422.	0.	0.	10422.	1455.0	175.	10597.
16	10389.	10389.	0.	0.	10389.	1455.0	155.	10544.
17	10346.	10346.	0.	0.	10346.	1455.0	146.	10492.
18	10313.	10313.	0.	0.	10313.	1455.0	144.	10457.
19	10285.	10285.	0.	0.	10285.	1455.0	131.	10416.
20	10268.	10268.	0.	0.	10268.	1455.0	141.	10409.
21	10216.	10216.	0.	0.	10216.	1455.0	144.	10360.
22	10073.	10073.	0.	0.	10073.	1455.0	136.	10209.
23	9501.	9501.	0.	0.	9501.	1455.0	104.	9605.
24	9137.	9137.	0.	0.	9137.	1455.0	98.	9235.
25	8770.	8770.	0.	0.	8770.	1455.0	95.	8865.
26	8533.	8533.	0.	0.	8533.	1455.0	87.	8620.
27	8364.	8364.	0.	0.	8364.	1455.0	159.	8523.
28	8083.	8083.	0.	0.	8083.	1455.0	163.	8246.
29	7771.	7771.	0.	0.	7771.	1455.0	190.	7961.
30	7370.	7370.	0.	0.	7370.	1455.0	256.	7626.
31	7199.	7199.	0.	0.	7199.	1455.0	490.	7689.
32	7838.	7838.	0.	0.	7838.	1455.0	1139.	8977.
33	9172.	9172.	0.	0.	9172.	1455.0	1967.	11139.
34	8555.	8555.	0.	0.	8555.	1455.0	1747.	10302.
35	9264.	9264.	0.	0.	9264.	1455.0	2147.	11411.
36	8332.	8332.	0.	0.	8332.	1455.0	898.	9230.
37	8326.	8356.	0.	0.	8356.	1455.0	644.	9000.
38	8580.	8550.	0.	0.	8550.	1455.0	784.	9334.
39	8495.	8495.	0.	0.	8495.	1455.0	777.	9272.
40	7757.	7861.	0.	0.	7861.	1454.8	1139.	9000.
41	7542.	8018.	0.	0.	8018.	1454.1	982.	9000.
42	7080.	8180.	0.	0.	8180.	1452.3	820.	9000.
43	7240.	8115.	0.	0.	8115.	1450.9	885.	9000.
44	8487.	7930.	0.	0.	7930.	1451.8	1070.	9000.
45	9141.	7802.	0.	0.	7802.	1453.9	1198.	9000.
46	8803.	8143.	0.	0.	8143.	1455.0	1109.	9252.
47	8435.	8435.	0.	0.	8435.	1455.0	979.	9414.
48	8853.	8853.	0.	0.	8853.	1455.0	1245.	10098.
49	8805.	8805.	0.	0.	8805.	1455.0	1266.	10071.
50	8509.	8509.	0.	0.	8509.	1455.0	783.	9292.
51	8581.	8581.	0.	0.	8581.	1455.0	690.	9271.
52	8817.	8817.	0.	0.	8817.	1455.0	792.	9609.

**TABLE 11**

TABLE 11

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951 1	6258.	5745.	12175.	17920.	62517.	68262.
2	6458.	5774.	9699.	15473.	62154.	67928.
3	6677.	4802.	7113.	11915.	48027.	52829.
4	6909.	3887.	4858.	8745.	33011.	36898.
5	7180.	2919.	3804.	6723.	20313.	23232.
6	7555.	3393.	2924.	6317.	14835.	18228.
7	7936.	7936.	2635.	10571.	16185.	24121.
8	8281.	8281.	2667.	10948.	10868.	19149.
9	8610.	8610.	2700.	11310.	9795.	18405.
10	9063.	9063.	2575.	11638.	10095.	19158.
11	9282.	9282.	2361.	11643.	9855.	19137.
12	9013.	9013.	2084.	11097.	7531.	16544.
13	8509.	8509.	2025.	10534.	6997.	15506.
14	8192.	8192.	2257.	10449.	6314.	14506.
15	8181.	8181.	2142.	10323.	6131.	14312.
16	8183.	8183.	2378.	10561.	7106.	15289.
17	8163.	8163.	2442.	10605.	7314.	15477.
18	8134.	8134.	2235.	10369.	8242.	16376.
19	8137.	8137.	2192.	10329.	8365.	16502.
20	8109.	8109.	1992.	10101.	7518.	15627.
21	8063.	8063.	1943.	10006.	7644.	15707.
22	7959.	7959.	1572.	9531.	6386.	14345.
23	7535.	7535.	1374.	8909.	6233.	13768.
24	7253.	7253.	1344.	8597.	5746.	12999.
25	6964.	6964.	1354.	8318.	5425.	12389.
26	6784.	6784.	1350.	8134.	6014.	12798.
27	6656.	6656.	1387.	8043.	5311.	11967.
28	6452.	6452.	1644.	8096.	6601.	13053.
29	6245.	6245.	2414.	8659.	7045.	13290.
30	6000.	6000.	3641.	9641.	10068.	16068.
31	5925.	5925.	6027.	11952.	21293.	27218.
32	6980.	6980.	13183.	20163.	50770.	57750.
33	7375.	7375.	13525.	20900.	49716.	57091.
34	6036.	6036.	11688.	17724.	58067.	64103.
35	6617.	6617.	17653.	24270.	52520.	59137.
36	6543.	8180.	27835.	36015.	73693.	81873.
37	5730.	8408.	37017.	45425.	93698.	102106.
38	5084.	8625.	26208.	34833.	81547.	90172.
39	5423.	8471.	31687.	40158.	103314.	111785.
40	6604.	8349.	36174.	44523.	103079.	111428.
41	6913.	8236.	44050.	52286.	123791.	132027.
42	6881.	8270.	43363.	51633.	106147.	114417.
43	6823.	8328.	36828.	45156.	85598.	93926.
44	7634.	7630.	35705.	43335.	93122.	100752.
45	7389.	7602.	35430.	43032.	102631.	110233.
46	7676.	7515.	28607.	36122.	83552.	91067.
47	7863.	7546.	23655.	31201.	84317.	91863.
48	8947.	7077.	30015.	37092.	66513.	73590.
49	10343.	6197.	31211.	37408.	72300.	78497.
50	9365.	5879.	20277.	26156.	59523.	65402.
51	9678.	4842.	17382.	22224.	78335.	83177.
52	9375.	7398.	16876.	24274.	47315.	54713.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1952 1	8240.	8240.	11727.	19967.	31953.	40193.
2	8214.	8214.	8902.	17116.	30912.	39126.
3	8372.	8372.	6768.	15140.	26026.	34398.
4	8754.	8754.	6366.	15120.	18523.	27277.
5	9279.	9279.	6574.	15853.	14724.	24003.
6	9721.	9721.	5335.	15056.	12114.	21835.
7	10093.	10093.	4313.	14406.	10542.	20635.
8	10528.	10528.	3907.	14435.	12223.	22751.
9	10923.	10923.	3528.	14451.	12537.	23460.
10	11426.	11426.	3487.	14913.	8960.	20386.
11	11700.	11700.	3672.	15372.	9525.	21225.
12	11364.	11364.	3599.	14963.	9215.	20579.
13	10734.	10734.	3352.	14086.	8243.	18977.
14	10333.	10333.	2800.	13133.	6383.	16716.
15	10316.	10316.	2510.	12826.	6398.	16714.
16	10318.	10318.	2503.	12821.	6533.	16851.
17	10293.	10293.	2400.	12693.	6209.	16502.
18	10226.	10226.	2148.	12374.	5514.	15740.
19	10145.	10145.	1623.	11768.	5087.	15232.
20	10110.	10110.	1575.	11685.	5010.	15120.
21	10053.	10053.	1396.	11449.	5201.	15254.
22	9927.	9927.	1362.	11289.	5124.	15051.
23	9418.	9418.	1437.	10855.	5236.	14654.
24	9065.	9065.	1483.	10548.	5198.	14263.
25	8704.	8704.	1594.	10298.	4860.	13564.
26	8479.	8479.	1771.	10250.	4267.	12746.
27	8277.	8277.	1780.	10057.	3877.	12154.
28	7994.	7994.	1571.	9565.	3355.	11349.
29	7655.	7655.	1608.	9263.	3142.	10797.
30	7188.	7188.	2075.	9263.	4252.	11440.
31	6748.	6748.	2838.	9586.	4826.	11574.
32	6526.	6526.	3953.	10479.	12575.	19101.
33	6828.	6828.	6026.	12854.	30934.	37762.
34	6848.	6848.	9454.	16302.	44179.	51027.
35	8963.	8963.	34728.	43691.	52604.	61567.
36	8904.	8904.	41371.	50275.	69209.	78113.
37	9950.	9950.	56475.	66425.	62070.	72020.
38	10168.	10168.	50179.	60347.	67373.	77541.
39	9572.	9572.	51710.	61282.	85180.	94752.
40	7918.	7918.	47382.	55300.	86793.	94711.
41	7098.	8167.	41385.	49552.	89861.	98028.
42	7725.	7935.	48645.	56580.	93435.	101370.
43	8037.	7846.	45230.	53076.	91683.	99529.
44	9269.	8181.	54196.	62377.	88321.	96502.
45	8563.	8563.	44368.	52931.	95440.	104003.
46	8342.	8342.	36911.	45253.	91514.	99856.
47	8166.	8166.	29028.	37194.	69661.	77827.
48	8483.	8483.	28728.	37211.	52384.	60867.
49	9027.	9027.	27639.	36666.	46692.	55719.
50	8735.	8735.	22095.	30830.	44799.	53534.
51	8767.	8767.	17263.	26030.	47371.	56138.
52	9061.	9061.	27030.	36091.	63010.	72071.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1953 1	8911.	8911.	19720.	28631.	39079.	47990.
2	9109.	9109.	18255.	27364.	39597.	48706.
3	8974.	8974.	11726.	20700.	27427.	36401.
4	9168.	9168.	6913.	16081.	20052.	29220.
5	9489.	9489.	5523.	15012.	18701.	28190.
6	9860.	9860.	4541.	14401.	19963.	29823.
7	10138.	10138.	3885.	14023.	15561.	25699.
8	10662.	10662.	4175.	14837.	13058.	23720.
9	10952.	10952.	3453.	14405.	13519.	24471.
10	11439.	11439.	2514.	13953.	10163.	21602.
11	11713.	11713.	2521.	14234.	8051.	19764.
12	11377.	11377.	2595.	13972.	9916.	21293.
13	10747.	10747.	2547.	13294.	8199.	18946.
14	10311.	10311.	2265.	12576.	8488.	18799.
15	10284.	10284.	2089.	12373.	7248.	17532.
16	10286.	10286.	2011.	12297.	7557.	17843.
17	10261.	10261.	1866.	12127.	7560.	17821.
18	10213.	10213.	1731.	11944.	6675.	16888.
19	10181.	10181.	1580.	11761.	6762.	16943.
20	10146.	10146.	1578.	11724.	6643.	16789.
21	10089.	10089.	1516.	11605.	5639.	15728.
22	9966.	9966.	1450.	11416.	5296.	15262.
23	9417.	9417.	1453.	10870.	5329.	14746.
24	9064.	9064.	1392.	10456.	4514.	13578.
25	8703.	8703.	1418.	10121.	4282.	12985.
26	8478.	8478.	1426.	9904.	4570.	13048.
27	8237.	8237.	1811.	10048.	4626.	12863.
28	7954.	7954.	2057.	10011.	4857.	12811.
29	7634.	7634.	3061.	10695.	5214.	12848.
30	7195.	7195.	4843.	12038.	6931.	14126.
31	8262.	8262.	12137.	20399.	14326.	22588.
32	8795.	8795.	18739.	27534.	22424.	31219.
33	8794.	8794.	18533.	27327.	36637.	45431.
34	9974.	9974.	35432.	45406.	50299.	60273.
35	9002.	9002.	31055.	40057.	56391.	65393.
36	10267.	10267.	40562.	50829.	51419.	61686.
37	9551.	9551.	41639.	51190.	66180.	75731.
38	9057.	9057.	35611.	44668.	73408.	82465.
39	9170.	9170.	38535.	47705.	96998.	106168.
40	7725.	7885.	32286.	40171.	94671.	102556.
41	7586.	7991.	31543.	39534.	103844.	111835.
42	7728.	7904.	32042.	39946.	104446.	112350.
43	7823.	7861.	32669.	40530.	92403.	100264.
44	9134.	8355.	35953.	44308.	112808.	121163.
45	8586.	8586.	32580.	41166.	116457.	125043.
46	8389.	8389.	26125.	34514.	106610.	114999.
47	8521.	8521.	28641.	37162.	86974.	95495.
48	8931.	8931.	28963.	37894.	74717.	83648.
49	9276.	9276.	33943.	43219.	68708.	77984.
50	9283.	9283.	30408.	39691.	86311.	95594.
51	9191.	9191.	21300.	30491.	125879.	135070.
52	9033.	9033.	14783.	23816.	78449.	87482.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1954 1	8515.	8515.	9748.	18263.	37348.	45863.
2	8606.	8606.	8429.	17035.	42883.	51489.
3	8663.	8663.	6707.	15370.	49645.	58308.
4	8995.	8995.	4878.	13873.	34811.	43806.
5	9175.	9175.	2920.	12095.	20163.	29338.
6	9626.	9626.	2927.	12553.	20415.	30041.
7	10085.	10085.	3137.	13222.	17747.	27832.
8	10504.	10504.	3001.	13505.	14575.	25079.
9	10896.	10896.	2584.	13480.	10859.	21755.
10	11371.	11371.	2429.	13800.	9720.	21091.
11	11645.	11645.	2469.	14114.	10734.	22379.
12	11309.	11309.	2490.	13799.	9213.	20522.
13	10679.	10679.	2202.	12881.	7526.	18205.
14	10255.	10255.	2016.	12271.	8163.	18418.
15	10240.	10240.	1976.	12216.	7843.	18083.
16	10242.	10242.	2005.	12247.	7054.	17296.
17	10217.	10217.	1887.	12104.	6105.	16322.
18	10176.	10176.	1830.	12006.	5607.	15783.
19	10180.	10180.	1733.	11913.	5668.	15848.
20	10145.	10145.	1754.	11899.	6085.	16230.
21	10088.	10088.	1603.	11691.	5686.	15774.
22	9953.	9953.	1650.	11603.	5793.	15746.
23	9413.	9413.	1548.	10961.	6264.	15677.
24	9060.	9060.	1541.	10601.	5939.	14999.
25	8699.	8699.	1453.	10152.	5264.	13963.
26	8474.	8474.	1425.	9899.	5340.	13814.
27	8287.	8287.	1664.	9951.	5258.	13545.
28	8004.	8004.	1561.	9565.	5004.	13008.
29	7722.	7722.	2062.	9784.	5967.	13689.
30	7265.	7265.	2051.	9316.	6432.	13697.
31	7867.	7867.	5601.	13468.	27738.	35605.
32	8923.	8923.	7234.	16157.	33285.	42208.
33	10333.	10333.	16853.	27186.	41816.	52149.
34	10524.	10524.	16715.	27239.	44121.	54645.
35	10297.	10297.	20102.	30399.	42515.	52812.
36	9291.	9291.	25479.	34770.	53196.	62487.
37	8839.	8839.	32374.	41213.	54159.	62998.
38	8551.	8551.	35967.	44518.	61676.	70227.
39	9225.	9225.	38167.	47392.	84524.	93749.
40	7296.	7296.	36028.	43324.	82344.	89640.
41	6857.	6857.	36304.	43161.	83826.	90683.
42	6855.	6855.	33787.	40642.	74969.	81824.
43	6945.	6945.	33951.	40896.	68062.	75007.
44	9532.	9532.	48516.	58048.	73656.	83188.
45	9091.	9091.	42781.	51872.	83599.	92690.
46	9179.	9179.	43517.	52696.	79453.	88632.
47	9268.	9268.	38591.	47859.	75315.	84583.
48	9357.	9357.	32183.	41540.	56736.	66093.
49	9321.	9321.	22175.	31496.	39787.	49108.
50	9247.	9247.	21460.	30707.	42054.	51301.
51	9312.	9312.	20434.	29746.	60674.	69986.
52	8915.	8915.	16108.	25023.	36133.	45048.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1955 1	6984.	6984.	8462.	15446.	24523.	31507.
2	7159.	7159.	7778.	14937.	30249.	37408.
3	7154.	7154.	7289.	14443.	24138.	31292.
4	7547.	7547.	6627.	14174.	22866.	30413.
5	7638.	7638.	6145.	13783.	19329.	26967.
6	7904.	7904.	4854.	12758.	15943.	23847.
7	8267.	8267.	4023.	12290.	10676.	18943.
8	8565.	8565.	3802.	12367.	8988.	17553.
9	8883.	8883.	3378.	12261.	10433.	19316.
10	9275.	9275.	2874.	12149.	7140.	16415.
11	9488.	9488.	2878.	12366.	7056.	16544.
12	9179.	9179.	2832.	12011.	8224.	17403.
13	8675.	8675.	2702.	11377.	6996.	15671.
14	10407.	10407.	2850.	13257.	7481.	17888.
15	10397.	10397.	2638.	13035.	6519.	16916.
16	10356.	10356.	2256.	12612.	6095.	16451.
17	10314.	10314.	2205.	12519.	6138.	16452.
18	10275.	10275.	1868.	12143.	6254.	16529.
19	10279.	10279.	1681.	11960.	6321.	16600.
20	10244.	10244.	1567.	11811.	5774.	16018.
21	10187.	10187.	1530.	11717.	5596.	15783.
22	10039.	10039.	1447.	11486.	5596.	15635.
23	9456.	9456.	1375.	10831.	5730.	15186.
24	9103.	9103.	1505.	10608.	5263.	14366.
25	8742.	8742.	1487.	10229.	4457.	13199.
26	8517.	8517.	1693.	10210.	5062.	13579.
27	8342.	8342.	2058.	10400.	5393.	13735.
28	8059.	8059.	1994.	10053.	5201.	13260.
29	7720.	7720.	2026.	9746.	5112.	12832.
30	7253.	7253.	2099.	9352.	6561.	13814.
31	7205.	7205.	3841.	11046.	12190.	19395.
32	7139.	7139.	5983.	13122.	22869.	30008.
33	7500.	7500.	6702.	14202.	50359.	57859.
34	9105.	9105.	14282.	23387.	60856.	69961.
35	9122.	9122.	15488.	24610.	69216.	78338.
36	7761.	7794.	23569.	31363.	88460.	96254.
37	8784.	8751.	36681.	45432.	75258.	84009.
38	8934.	8934.	38159.	47093.	83668.	92602.
39	8646.	8646.	43396.	52042.	98754.	107400.
40	8124.	8124.	46414.	54538.	116696.	124820.
41	8358.	8358.	52017.	60375.	135958.	144316.
42	7874.	8102.	49992.	58094.	137176.	145278.
43	8284.	8056.	43304.	51360.	128999.	137055.
44	7231.	8489.	38951.	47440.	103293.	111782.
45	7097.	8533.	37150.	45683.	110103.	118636.
46	7326.	8522.	32654.	41176.	113139.	121661.
47	7845.	8417.	27216.	35633.	82232.	90649.
48	11311.	7948.	28356.	36304.	47860.	55808.
49	18609.	17510.	26701.	44211.	57015.	74525.
50	14219.	14219.	29830.	44049.	69023.	83242.
51	11555.	11555.	22986.	34541.	69317.	80872.
52	9100.	9100.	22001.	31101.	70424.	79524.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1956 1	8959.	8959.	13800.	22759.	41203.	50162.
2	9269.	9269.	10675.	19944.	48245.	57514.
3	8361.	8361.	7711.	16072.	48840.	57201.
4	8787.	8787.	5874.	14661.	37549.	46336.
5	9060.	9060.	3862.	12922.	22111.	31171.
6	9496.	9496.	2903.	12399.	16444.	25940.
7	9965.	9965.	3155.	13120.	13535.	23500.
8	10382.	10382.	3191.	13573.	12499.	22881.
9	10788.	10788.	3016.	13804.	10940.	21728.
10	11341.	11341.	2432.	13773.	8605.	19946.
11	11615.	11615.	2451.	14066.	9621.	21236.
12	11279.	11279.	2498.	13777.	8420.	19699.
13	10649.	10649.	2710.	13359.	9357.	20006.
14	10225.	10225.	2336.	12561.	8480.	18705.
15	10206.	10206.	2124.	12330.	8165.	18371.
16	10208.	10208.	1931.	12139.	7098.	17306.
17	10183.	10183.	1870.	12053.	7198.	17381.
18	10158.	10158.	1791.	11949.	7422.	17580.
19	10193.	10193.	1680.	11873.	7057.	17250.
20	10158.	10158.	1844.	12002.	6760.	16918.
21	10101.	10101.	1658.	11759.	6409.	16510.
22	9975.	9975.	1726.	11701.	6277.	16252.
23	9485.	9485.	1720.	11205.	5387.	14872.
24	9132.	9132.	1738.	10870.	5337.	14469.
25	8771.	8771.	1691.	10462.	4464.	13235.
26	8546.	8546.	1681.	10227.	4598.	13144.
27	8337.	8337.	1679.	10016.	5163.	13500.
28	8054.	8054.	1635.	9689.	4492.	12546.
29	7715.	7715.	1740.	9455.	4712.	12427.
30	7248.	7248.	1566.	8814.	5867.	13115.
31	7009.	7009.	3046.	10055.	10207.	17216.
32	8282.	8282.	10652.	18934.	36374.	44656.
33	9349.	9349.	13233.	22582.	39736.	49085.
34	10881.	10881.	23615.	34496.	42313.	53194.
35	9733.	9733.	26836.	36569.	73976.	83709.
36	9525.	9525.	39172.	48697.	119423.	128948.
37	10240.	10240.	52672.	62912.	125337.	135577.
38	9386.	9386.	43985.	53371.	115462.	124848.
39	8982.	8982.	41853.	50835.	111854.	120836.
40	8591.	8591.	37032.	45623.	101962.	110553.
41	8681.	8681.	42406.	51087.	111465.	120146.
42	8644.	8644.	45944.	54588.	109183.	117827.
43	8586.	8586.	45115.	53701.	93454.	102040.
44	9390.	9390.	41683.	51073.	97378.	106768.
45	9487.	9487.	35585.	45072.	97244.	106731.
46	23956.	23956.	29806.	53762.	89972.	113928.
47	19099.	19099.	25162.	44261.	59787.	78886.
48	16306.	16306.	21325.	37631.	45725.	62031.
49	14339.	14339.	23409.	37748.	32976.	47315.
50	20101.	20101.	26984.	47085.	37118.	57219.
51	19588.	19588.	32131.	51719.	58999.	78587.
52	12547.	12547.	22311.	34858.	37994.	50541.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1957 1	9226.	9226.	10685.	19911.	25270.	34496.
2	9653.	9653.	8860.	18513.	20067.	29720.
3	9854.	9854.	5915.	15769.	17058.	26912.
4	9179.	9179.	5217.	14396.	17569.	26748.
5	9407.	9407.	5083.	14490.	16389.	25796.
6	9792.	9792.	4241.	14033.	18271.	28063.
7	10258.	10258.	3703.	13961.	15996.	26254.
8	10669.	10669.	3396.	14065.	10510.	21179.
9	11060.	11060.	3215.	14275.	9133.	20193.
10	11476.	11476.	2660.	14136.	5868.	17344.
11	11740.	11740.	2818.	14558.	5157.	16897.
12	11351.	11351.	2886.	14237.	4991.	16342.
13	10721.	10721.	2988.	13709.	5251.	15972.
14	11464.	11464.	2625.	14089.	5446.	16910.
15	11451.	11451.	2790.	14241.	5674.	17125.
16	11435.	11435.	2712.	14147.	5756.	17191.
17	11419.	11419.	2706.	14125.	5693.	17112.
18	11388.	11388.	2467.	13855.	5713.	17101.
19	11420.	11420.	2182.	13602.	6153.	17573.
20	11374.	11374.	1955.	13329.	5387.	16761.
21	11328.	11328.	1957.	13285.	6123.	17451.
22	11198.	11198.	2003.	13201.	5023.	16221.
23	10675.	10675.	2011.	12686.	4791.	15466.
24	10333.	10333.	2001.	12334.	4770.	15103.
25	9989.	9989.	1999.	11988.	4542.	14531.
26	9800.	9800.	2005.	11805.	4615.	14415.
27	9650.	9650.	2020.	11670.	4231.	13881.
28	9397.	9397.	1869.	11266.	3850.	13247.
29	9139.	9139.	2039.	11178.	4621.	13760.
30	8680.	8680.	2144.	10824.	6605.	15285.
31	8450.	8450.	4287.	12737.	11095.	19545.
32	8543.	8543.	7784.	16327.	25132.	33675.
33	8121.	8121.	9352.	17473.	47723.	55844.
34	9770.	9770.	17621.	27391.	53035.	62805.
35	10601.	10601.	32918.	43519.	81114.	91715.
36	9387.	9387.	37504.	46891.	106790.	116177.
37	8642.	8642.	39866.	48508.	97550.	106192.
38	8126.	8126.	42566.	50692.	107938.	116064.
39	7150.	7952.	36005.	43957.	93278.	101230.
40	7121.	7781.	38846.	46627.	81399.	89180.
41	7976.	7880.	41142.	49022.	88287.	96167.
42	8273.	7744.	41939.	49683.	86253.	93997.
43	8568.	7731.	39419.	47150.	76316.	84047.
44	8263.	8263.	36425.	44688.	87450.	95713.
45	8271.	8271.	35917.	44188.	95263.	103534.
46	8357.	8357.	42034.	50391.	105892.	114249.
47	8355.	8355.	35374.	43729.	80910.	89265.
48	8654.	8654.	25646.	34300.	62647.	71301.
49	9338.	9338.	18102.	27440.	48832.	58170.
50	9643.	9643.	18587.	28230.	53777.	63420.
51	9740.	9740.	16116.	25856.	47196.	56936.
52	9795.	9795.	17015.	26810.	40924.	50719.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1958 1	8996.	8996.	11698.	20694.	25051.	34047.
2	9057.	9057.	8985.	18042.	26508.	35565.
3	9119.	9119.	7006.	16125.	17645.	26764.
4	9650.	9650.	7092.	16742.	18661.	28311.
5	9685.	9685.	5908.	15593.	24232.	33917.
6	10013.	10013.	6314.	16327.	25315.	35328.
7	10393.	10393.	5054.	15447.	19239.	29632.
8	11717.	11717.	4301.	16018.	12154.	23871.
9	12153.	12153.	4447.	16600.	14536.	26689.
10	12844.	12844.	4279.	17123.	10585.	23429.
11	13034.	13034.	3812.	16846.	7106.	20140.
12	12580.	12580.	3362.	15942.	5902.	18482.
13	11888.	11888.	3020.	14908.	6638.	18526.
14	11531.	11531.	2702.	14233.	7250.	18781.
15	11486.	11486.	2491.	13977.	7149.	18634.
16	11443.	11443.	2158.	13601.	6595.	18038.
17	11418.	11418.	2128.	13546.	6368.	17786.
18	11368.	11368.	2032.	13400.	6181.	17549.
19	11371.	11371.	1912.	13283.	5684.	17055.
20	11317.	11317.	1831.	13148.	5248.	16565.
21	11264.	11264.	1961.	13225.	5597.	16861.
22	11147.	11147.	2131.	13278.	5658.	16805.
23	10613.	10613.	2248.	12861.	5439.	16052.
24	10270.	10270.	2360.	12630.	6023.	16293.
25	9922.	9922.	2199.	12121.	4613.	14535.
26	9731.	9731.	2044.	11775.	4040.	13771.
27	9604.	9604.	2264.	11868.	4589.	14193.
28	9358.	9358.	2257.	11615.	4636.	13994.
29	9106.	9106.	3049.	12155.	5142.	14248.
30	8720.	8720.	4089.	12809.	5331.	14051.
31	8454.	8454.	8501.	16955.	7111.	15565.
32	8705.	8705.	24395.	33100.	11586.	20291.
33	8989.	8989.	35595.	44584.	31940.	40929.
34	9598.	9598.	44820.	54418.	45057.	54655.
35	9574.	9574.	38649.	48223.	43651.	53225.
36	9116.	9116.	35627.	44743.	48283.	57399.
37	8877.	8877.	45627.	54504.	51192.	60069.
38	8366.	8366.	36605.	44971.	60691.	69057.
39	8110.	8304.	38760.	47064.	77754.	86058.
40	6796.	7248.	36916.	44164.	82537.	89785.
41	6822.	7248.	33846.	41094.	83403.	90651.
42	6871.	7248.	37171.	44419.	74625.	81873.
43	6924.	7280.	41885.	49165.	70300.	77580.
44	9464.	7659.	57408.	65067.	83736.	91395.
45	8637.	8637.	51516.	60153.	84576.	93213.
46	8024.	8605.	54239.	62844.	85371.	93976.
47	7824.	8680.	36755.	45435.	66351.	75031.
48	7588.	8682.	28356.	37038.	53761.	62443.
49	7752.	7237.	19730.	26967.	37097.	44334.
50	8184.	6237.	24121.	30358.	37502.	43739.
51	8168.	8099.	19489.	27588.	37498.	45597.
52	6760.	6760.	19757.	26517.	32808.	39568.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1959 1	6713.	6713.	14531.	21244.	24784.	31497.
2	6850.	6850.	12121.	18971.	23595.	30445.
3	7089.	7089.	9588.	16677.	24004.	31093.
4	7242.	7242.	6556.	13798.	23980.	31222.
5	7416.	7416.	4940.	12356.	17489.	24905.
6	7743.	7743.	4651.	12394.	16057.	23800.
7	8087.	8087.	3972.	12059.	11320.	19407.
8	8375.	8375.	3062.	11437.	7950.	16325.
9	8689.	8689.	2781.	11470.	8596.	17285.
10	9125.	9125.	2174.	11299.	6338.	15463.
11	9363.	9363.	1987.	11350.	6206.	15569.
12	9211.	9211.	2521.	11732.	6263.	15474.
13	8707.	8707.	2444.	11151.	6914.	15621.
14	8345.	8345.	2336.	10681.	5836.	14181.
15	8324.	8324.	2344.	10668.	6061.	14385.
16	8316.	8316.	2169.	10485.	6082.	14398.
17	8291.	8291.	2222.	10513.	6293.	14584.
18	8267.	8267.	2182.	10449.	6119.	14386.
19	10302.	10302.	2077.	12379.	5865.	16167.
20	10258.	10258.	1768.	12026.	5303.	15561.
21	10176.	10176.	1738.	11914.	4873.	15049.
22	10035.	10035.	1696.	11731.	4179.	14214.
23	9507.	9507.	1611.	11118.	4229.	13736.
24	9154.	9154.	1680.	10834.	4294.	13448.
25	8793.	8793.	1827.	10620.	4583.	13376.
26	8568.	8568.	1877.	10445.	4558.	13126.
27	8373.	8373.	1967.	10340.	4809.	13182.
28	8090.	8090.	2077.	10167.	4605.	12695.
29	7821.	7821.	2702.	10523.	5040.	12861.
30	7366.	7366.	3646.	11012.	6371.	13737.
31	7257.	7257.	5002.	12259.	8368.	15625.
32	7402.	7402.	9225.	16627.	19700.	27102.
33	10552.	10552.	26196.	36748.	45346.	55898.
34	11413.	11413.	25436.	36849.	56017.	67430.
35	10683.	10683.	24946.	35629.	57615.	68298.
36	9009.	9009.	26435.	35444.	78289.	87298.
37	7847.	7847.	21815.	29662.	63821.	71668.
38	8185.	8185.	29921.	38106.	79456.	87641.
39	8492.	8492.	40120.	48612.	101843.	110335.
40	7947.	7947.	35979.	43926.	95066.	103013.
41	7856.	7856.	36255.	44111.	100213.	108069.
42	8141.	8141.	39854.	47995.	103701.	111842.
43	7584.	7584.	36198.	43782.	84014.	91598.
44	9036.	9036.	37105.	46141.	79136.	88172.
45	8382.	8382.	34046.	42428.	83159.	91541.
46	9187.	9187.	42749.	51936.	55775.	64962.
47	10910.	10910.	70243.	81153.	57296.	68206.
48	10981.	10981.	47873.	58854.	46387.	57368.
49	11574.	11574.	31387.	42961.	32887.	44461.
50	13349.	13349.	21111.	34460.	24989.	38338.
51	10026.	10026.	13966.	23992.	25613.	35639.
52	9459.	9459.	10688.	20147.	15424.	24883.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1960 1	10007.	10007.	13224.	23231.	19023.	29030.
2	9493.	9493.	9948.	19441.	23079.	32572.
3	9673.	9673.	6155.	15828.	19023.	28696.
4	9069.	9069.	6554.	15623.	15674.	24743.
5	9297.	9297.	5410.	14707.	14813.	24110.
6	9703.	9703.	4375.	14078.	17118.	26821.
7	10170.	10170.	4025.	14195.	11204.	21374.
8	10585.	10585.	3709.	14294.	9214.	19799.
9	12052.	12052.	3671.	15723.	10180.	22232.
10	12578.	12578.	3046.	15624.	6560.	19138.
11	12844.	12844.	3043.	15887.	7895.	20739.
12	12495.	12495.	2889.	15384.	7134.	19629.
13	11857.	11857.	2852.	14709.	6990.	18847.
14	11525.	11525.	2335.	13860.	7509.	19034.
15	11514.	11514.	2573.	14087.	6871.	18385.
16	11479.	11479.	2384.	13863.	6481.	17960.
17	11456.	11456.	2260.	13716.	6439.	17895.
18	11423.	11423.	2124.	13547.	6567.	17990.
19	11429.	11429.	2005.	13434.	6539.	17968.
20	11382.	11382.	1926.	13308.	6752.	18134.
21	11330.	11330.	1733.	13063.	7337.	18667.
22	11209.	11209.	1700.	12909.	7771.	18980.
23	10682.	10682.	1721.	12403.	7789.	18471.
24	10336.	10336.	1619.	11955.	6813.	17149.
25	9983.	9983.	1528.	11511.	6615.	16598.
26	9794.	9794.	1531.	11325.	6875.	16669.
27	9639.	9639.	1703.	11342.	6483.	16122.
28	9387.	9387.	1700.	11087.	5949.	15336.
29	9144.	9144.	1998.	11142.	6991.	16135.
30	8675.	8675.	2088.	10763.	8841.	17516.
31	8546.	8546.	4489.	13035.	27919.	36465.
32	7208.	7208.	9290.	16498.	60480.	67688.
33	8264.	8264.	15898.	24162.	67503.	75767.
34	8906.	8906.	29236.	38142.	60894.	69800.
35	8747.	8747.	34787.	43534.	71052.	79799.
36	6935.	7771.	21971.	29742.	83513.	91284.
37	6671.	7724.	23970.	31694.	73131.	80855.
38	6576.	7679.	27610.	35289.	86823.	94502.
39	6661.	7548.	31277.	38825.	100151.	107699.
40	7210.	8227.	35003.	43230.	104947.	113174.
41	6662.	8426.	29448.	37874.	102756.	111182.
42	5947.	8341.	31267.	39608.	105033.	113374.
43	6723.	8097.	41139.	49236.	144889.	152986.
44	7940.	7011.	47422.	54433.	168946.	175957.
45	7406.	6975.	45457.	52432.	153315.	160290.
46	7202.	7210.	37971.	45181.	168334.	175544.
47	7297.	7270.	30633.	37903.	114610.	121880.
48	7469.	7369.	24281.	31650.	83277.	90646.
49	7838.	6509.	15596.	22105.	55603.	62112.
50	9658.	4643.	29950.	34593.	71389.	76032.
51	8678.	6074.	23714.	29788.	70548.	76622.
52	8014.	8014.	21081.	29095.	92789.	100803.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1961 1	7590.	7590.	15686.	23276.	40114.	47704.
2	7343.	7343.	10961.	18304.	29307.	36650.
3	8813.	8813.	8366.	17179.	24774.	33587.
4	9051.	9051.	6193.	15244.	18165.	27216.
5	9313.	9313.	4454.	13767.	9405.	18718.
6	9744.	9744.	4213.	13957.	12556.	22300.
7	10195.	10195.	3976.	14171.	10699.	20894.
8	10586.	10586.	3362.	13948.	10374.	20960.
9	11014.	11014.	3359.	14373.	10998.	22012.
10	11679.	11679.	3543.	15222.	9078.	20757.
11	11943.	11943.	3434.	15377.	8566.	20509.
12	11547.	11547.	3119.	14666.	7210.	18757.
13	11903.	11903.	3212.	15115.	7009.	18912.
14	11581.	11581.	2913.	14494.	7646.	19227.
15	11566.	11566.	2683.	14249.	6210.	17776.
16	11554.	11554.	2756.	14310.	6459.	18013.
17	11538.	11538.	2778.	14316.	6522.	18059.
18	11478.	11478.	2492.	13970.	6888.	18366.
19	11453.	11453.	2121.	13574.	7478.	18931.
20	11403.	11403.	2080.	13483.	8013.	19416.
21	11351.	11351.	2076.	13427.	8384.	19735.
22	11228.	11228.	2023.	13251.	7783.	19011.
23	10707.	10707.	1825.	12532.	6903.	17610.
24	10379.	10379.	1901.	12280.	6262.	16641.
25	10069.	10069.	2110.	12179.	6294.	16363.
26	9875.	9875.	2009.	11884.	5947.	15822.
27	9749.	9749.	2727.	12476.	6910.	16659.
28	9492.	9492.	2859.	12351.	6150.	15642.
29	9250.	9250.	3050.	12300.	6466.	15716.
30	8967.	8967.	3336.	12303.	7993.	16960.
31	8901.	8901.	4943.	13844.	21593.	30494.
32	9178.	9178.	11849.	21027.	52716.	61894.
33	9723.	9723.	18770.	28493.	63135.	72858.
34	9517.	9517.	18536.	28053.	60707.	70224.
35	9353.	9353.	20159.	29512.	63497.	72850.
36	9220.	9220.	21000.	30220.	79940.	89160.
37	9989.	9989.	35619.	45608.	87432.	97421.
38	10430.	10430.	40856.	51286.	86766.	97196.
39	9786.	9786.	38788.	48574.	98870.	108656.
40	8578.	8578.	36583.	45161.	91708.	100286.
41	8603.	8603.	34338.	42941.	100412.	109015.
42	8608.	8608.	38298.	46906.	107243.	115851.
43	8662.	8662.	45599.	54261.	104495.	113157.
44	8186.	8186.	42092.	50278.	98049.	106235.
45	8170.	8170.	45563.	53733.	112108.	120278.
46	8014.	8199.	32053.	40252.	97161.	105360.
47	8057.	8239.	38823.	47062.	91289.	99528.
48	7859.	8396.	24868.	33264.	67070.	75466.
49	9099.	8194.	22230.	30424.	53560.	61754.
50	8986.	8986.	29570.	38556.	77685.	86671.
51	9084.	9084.	20936.	30020.	65594.	74678.
52	9228.	9228.	19141.	28369.	67092.	76320.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1962 1	9337.	9337.	16186.	25523.	54917.	64254.
2	9306.	9306.	8756.	18062.	36552.	45858.
3	8538.	8538.	7880.	16418.	27535.	36073.
4	9030.	9030.	7048.	16078.	29493.	38523.
5	9161.	9161.	5690.	14851.	21502.	30663.
6	9550.	9550.	4894.	14444.	19527.	29077.
7	10036.	10036.	4354.	14390.	16182.	26218.
8	10476.	10476.	3853.	14329.	13824.	24300.
9	10878.	10878.	3553.	14431.	14307.	25185.
10	11389.	11389.	2909.	14298.	10256.	21645.
11	11663.	11663.	2876.	14539.	8574.	20237.
12	11327.	11327.	2857.	14184.	7097.	18424.
13	10697.	10697.	2850.	13547.	7377.	18074.
14	11450.	11450.	2456.	13906.	7374.	18824.
15	11437.	11437.	2340.	13777.	6590.	18027.
16	11420.	11420.	2344.	13764.	6772.	18192.
17	11403.	11403.	2357.	13760.	6669.	18072.
18	11368.	11368.	2124.	13492.	6659.	18027.
19	11388.	11388.	1900.	13288.	7045.	18433.
20	11342.	11342.	1831.	13173.	6976.	18318.
21	11296.	11296.	1835.	13131.	6347.	17643.
22	11174.	11174.	1725.	12899.	6052.	17226.
23	10654.	10654.	1676.	12330.	5693.	16347.
24	10311.	10311.	1623.	11934.	5556.	15867.
25	9966.	9966.	1582.	11548.	5403.	15369.
26	9775.	9775.	1602.	11377.	6200.	15975.
27	9644.	9644.	1807.	11451.	5982.	15626.
28	9388.	9388.	1864.	11252.	6381.	15769.
29	9129.	9129.	2336.	11465.	7837.	16966.
30	8694.	8694.	2462.	11156.	8483.	17177.
31	8130.	8130.	4144.	12274.	17149.	25279.
32	7849.	7849.	5055.	12904.	16770.	24619.
33	8594.	8594.	10673.	19267.	41563.	50157.
34	8563.	8563.	20123.	28686.	52819.	61382.
35	8878.	8878.	30226.	39104.	58241.	67119.
36	9571.	9571.	25722.	35293.	66920.	76491.
37	11039.	11039.	44897.	55936.	71565.	82604.
38	10369.	10369.	45008.	55377.	77956.	88325.
39	9312.	9312.	41186.	50498.	97517.	106829.
40	7484.	7977.	38636.	46613.	111427.	119404.
41	7337.	8000.	39193.	47193.	126744.	134744.
42	6964.	8129.	40427.	48556.	139705.	147834.
43	7314.	7977.	46715.	54692.	154515.	162492.
44	9133.	7557.	48356.	55913.	131800.	139357.
45	10502.	9094.	33835.	42929.	96311.	105405.
46	21799.	21799.	29565.	51364.	94962.	116761.
47	21799.	21799.	27462.	49261.	85803.	107602.
48	22209.	22209.	34498.	56707.	84816.	107025.
49	22008.	22008.	31463.	53471.	59617.	81625.
50	13899.	13899.	17063.	30962.	52124.	66023.
51	11257.	11257.	12745.	24002.	47831.	59088.
52	11332.	11332.	13701.	25033.	39542.	50874.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1963 1	9094.	9094.	9805.	18899.	22441.	31535.
2	9379.	9379.	6971.	16350.	17695.	27074.
3	9750.	9750.	5497.	15247.	16720.	26470.
4	10145.	10145.	4525.	14670.	17984.	28129.
5	9046.	9046.	3511.	12557.	10997.	20043.
6	9459.	9459.	3193.	12652.	12243.	21702.
7	9945.	9945.	2986.	12931.	7545.	17490.
8	10385.	10385.	2770.	13155.	6248.	16633.
9	11940.	11940.	2876.	14816.	6365.	18305.
10	12489.	12489.	2863.	15352.	6851.	19340.
11	12755.	12755.	2777.	15532.	7606.	20361.
12	12406.	12406.	2949.	15355.	8036.	20442.
13	11769.	11769.	2772.	14541.	7989.	19758.
14	11453.	11453.	2641.	14094.	7625.	19078.
15	11440.	11440.	2528.	13968.	6935.	18375.
16	11424.	11424.	2480.	13904.	6772.	18196.
17	11409.	11409.	2426.	13835.	6506.	17915.
18	11381.	11381.	2162.	13543.	5886.	17267.
19	11426.	11426.	1982.	13408.	5842.	17268.
20	11380.	11380.	1969.	13349.	5762.	17142.
21	11334.	11334.	1949.	13283.	5325.	16659.
22	11194.	11194.	1767.	12961.	5688.	16882.
23	10623.	10623.	1425.	12048.	5469.	16092.
24	10282.	10282.	1386.	11668.	5468.	15750.
25	9939.	9939.	1239.	11178.	5220.	15159.
26	9750.	9750.	1303.	11053.	5022.	14772.
27	9591.	9591.	1309.	10900.	5106.	14697.
28	9340.	9340.	1313.	10653.	4467.	13807.
29	9083.	9083.	1363.	10446.	4323.	13406.
30	8556.	8556.	1337.	9893.	4946.	13502.
31	8226.	8226.	2702.	10928.	5654.	13880.
32	6759.	6759.	3328.	10087.	17263.	24022.
33	7755.	7755.	15823.	23578.	49613.	57368.
34	9057.	9057.	26322.	35379.	49753.	58810.
35	9411.	9411.	39808.	49219.	70209.	79620.
36	7860.	7860.	28338.	36198.	85708.	93568.
37	8680.	8680.	26937.	35617.	62599.	71279.
38	9240.	9240.	28326.	37566.	82829.	92069.
39	9076.	9076.	35259.	44335.	92720.	101796.
40	8775.	8775.	45054.	53829.	100214.	108989.
41	9218.	9218.	56750.	65968.	121932.	131150.
42	9032.	9032.	58149.	67181.	146562.	155594.
43	8694.	8694.	41518.	50212.	98959.	107653.
44	8179.	8179.	32549.	40728.	88545.	96724.
45	7587.	8586.	26798.	35384.	80142.	88728.
46	8674.	8641.	27971.	36612.	82663.	91304.
47	22691.	21726.	29457.	51183.	83982.	105708.
48	19122.	19122.	25837.	44959.	65349.	84471.
49	14318.	14318.	19864.	34182.	59967.	74285.
50	12804.	12804.	17078.	29882.	58225.	71029.
51	10239.	10239.	13398.	23637.	54852.	65091.
52	9083.	9083.	16645.	25728.	45913.	54996.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1964 1	9129.	9129.	14296.	23425.	37135.	46264.
2	9455.	9455.	12728.	22183.	28494.	37949.
3	9790.	9790.	10373.	20163.	24206.	33996.
4	10121.	10121.	6571.	16692.	16237.	26358.
5	9178.	9178.	5297.	14475.	13426.	22604.
6	9616.	9616.	4543.	14159.	11600.	21216.
7	10062.	10062.	3653.	13715.	9761.	19823.
8	10452.	10452.	2595.	13047.	6061.	16513.
9	10860.	10860.	2467.	13327.	5769.	16629.
10	12518.	12518.	1949.	14467.	4950.	17468.
11	12782.	12782.	1926.	14708.	4959.	17741.
12	12411.	12411.	1826.	14237.	5093.	17504.
13	11776.	11776.	1826.	13602.	5951.	17727.
14	11444.	11444.	1889.	13333.	6732.	18176.
15	11439.	11439.	1905.	13344.	7164.	18603.
16	11422.	11422.	1740.	13162.	7227.	18649.
17	11406.	11406.	1654.	13060.	7383.	18789.
18	11383.	11383.	1562.	12945.	6457.	17840.
19	11418.	11418.	1477.	12895.	6073.	17491.
20	10136.	10136.	1465.	11601.	6122.	16258.
21	10075.	10075.	1435.	11510.	5795.	15870.
22	9941.	9941.	1377.	11318.	5549.	15490.
23	9420.	9420.	1301.	10721.	5003.	14423.
24	9063.	9063.	1311.	10374.	4488.	13551.
25	8693.	8693.	1293.	9986.	4588.	13281.
26	8468.	8468.	1297.	9765.	4318.	12786.
27	8294.	8294.	1447.	9741.	4438.	12732.
28	8011.	8011.	1700.	9711.	4406.	12417.
29	7679.	7679.	1837.	9516.	4397.	12076.
30	7213.	7213.	2000.	9213.	5359.	12572.
31	6653.	6653.	2545.	9198.	5644.	12297.
32	6393.	6393.	3334.	9727.	14130.	20523.
33	5336.	5409.	4456.	9865.	29321.	34730.
34	5211.	5138.	8976.	14114.	42761.	47899.
35	5980.	5980.	42925.	48905.	48349.	54329.
36	11286.	11286.	84908.	96194.	63454.	74740.
37	9577.	9577.	70167.	79744.	62001.	71578.
38	9623.	9623.	65849.	75472.	87757.	97380.
39	8898.	8898.	59688.	68586.	105988.	114886.
40	7979.	7979.	39715.	47694.	84155.	92134.
41	7962.	7962.	44999.	52961.	103773.	111735.
42	7784.	7930.	44884.	52814.	103585.	111515.
43	6882.	8265.	33614.	41879.	92234.	100499.
44	8083.	7972.	38975.	46947.	93911.	101883.
45	7986.	8007.	30464.	38471.	90148.	98155.
46	7671.	8200.	30436.	38636.	85318.	93518.
47	7994.	8147.	31729.	39876.	87393.	95540.
48	11361.	9239.	22560.	31799.	58762.	68001.
49	10489.	10489.	18080.	28569.	37547.	48036.
50	8548.	8548.	13714.	22262.	31152.	39700.
51	8628.	8628.	12851.	21479.	29630.	38258.
52	8669.	8669.	14807.	23476.	28707.	37376.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1965 1	9192.	9192.	10866.	20058.	20894.	30086.
2	9697.	9697.	15027.	24724.	31330.	41027.
3	9865.	9865.	8130.	17995.	23396.	33261.
4	9086.	9086.	6769.	15855.	21264.	30350.
5	9118.	9118.	5425.	14543.	13802.	22920.
6	9558.	9558.	5094.	14652.	12768.	22326.
7	10041.	10041.	4951.	14992.	9437.	19478.
8	10512.	10512.	4873.	15385.	8906.	19418.
9	10822.	10822.	4427.	15249.	10364.	21186.
10	12451.	12451.	3454.	15905.	8260.	20711.
11	12713.	12713.	3438.	16151.	8225.	20938.
12	12363.	12363.	3426.	15789.	7834.	20197.
13	11729.	11729.	3426.	15155.	7594.	19323.
14	11408.	11408.	2599.	14007.	7026.	18434.
15	11403.	11403.	2463.	13866.	6781.	18184.
16	11390.	11390.	2463.	13853.	6701.	18091.
17	11377.	11377.	2463.	13840.	6044.	17421.
18	11354.	11354.	2333.	13687.	5468.	16822.
19	11384.	11384.	2158.	13542.	5887.	17271.
20	10072.	10072.	2158.	12230.	5884.	15956.
21	10015.	10015.	2158.	12173.	5648.	15663.
22	9891.	9891.	2075.	11966.	5231.	15122.
23	9386.	9386.	1963.	11349.	5147.	14533.
24	9033.	9033.	1963.	10996.	5091.	14124.
25	8672.	8672.	1963.	10635.	5270.	13942.
26	8447.	8447.	1963.	10410.	5312.	13759.
27	8273.	8273.	2152.	10425.	5377.	13650.
28	7990.	7990.	2152.	10142.	5303.	13293.
29	7668.	7668.	2181.	9849.	6302.	13970.
30	7203.	7203.	2185.	9388.	7278.	14481.
31	6784.	6784.	3394.	10178.	19590.	26374.
32	6858.	6858.	4205.	11063.	23586.	30444.
33	7485.	7485.	11132.	18617.	55210.	62695.
34	7930.	7930.	18133.	26063.	61203.	69133.
35	9302.	9302.	30063.	39365.	74627.	83929.
36	8139.	8139.	28331.	36470.	96869.	105008.
37	8003.	8003.	31885.	39888.	73751.	81754.
38	7739.	7739.	38724.	46463.	90806.	98545.
39	8891.	8891.	38519.	47410.	113948.	122839.
40	8184.	8184.	35399.	43583.	113373.	121557.
41	8236.	8236.	44606.	52842.	132272.	140508.
42	8504.	8504.	42289.	50793.	129559.	138063.
43	8276.	8276.	35932.	44208.	92151.	100427.
44	8489.	8489.	37949.	46438.	110076.	118565.
45	8331.	8331.	36462.	44793.	93353.	101684.
46	9077.	9077.	52968.	62045.	84207.	93284.
47	8544.	8544.	34014.	42558.	68967.	77511.
48	8018.	8350.	19629.	27979.	56644.	64994.
49	8740.	8408.	31393.	39801.	53018.	61426.
50	8952.	8952.	33449.	42401.	51786.	60738.
51	8999.	8999.	30589.	39588.	69267.	78266.
52	18490.	18490.	48578.	67068.	80965.	99455.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1966 1	13634.	13634.	19553.	33187.	44336.	57970.
2	9752.	9752.	15815.	25567.	33302.	43054.
3	9748.	9748.	8185.	17933.	36392.	46140.
4	8947.	8947.	6265.	15212.	38358.	47305.
5	9254.	9254.	4784.	14038.	29303.	38557.
6	9645.	9645.	3749.	13394.	20925.	30570.
7	10088.	10088.	3414.	13502.	17455.	27543.
8	10514.	10514.	3165.	13679.	15510.	26024.
9	10919.	10919.	2912.	13831.	12306.	23225.
10	11460.	11460.	2596.	14056.	9098.	20558.
11	11725.	11725.	2533.	14258.	6687.	18412.
12	11377.	11377.	2470.	13847.	7538.	18915.
13	10738.	10738.	2406.	13144.	6787.	17525.
14	10338.	10338.	2221.	12559.	6502.	16840.
15	10322.	10322.	2172.	12494.	6769.	17091.
16	10324.	10324.	2140.	12464.	6690.	17014.
17	10299.	10299.	2107.	12406.	6932.	17231.
18	10266.	10266.	2020.	12286.	6760.	17026.
19	10251.	10251.	1902.	12153.	6949.	17200.
20	10216.	10216.	1846.	12062.	6473.	16689.
21	10159.	10159.	1795.	11954.	6775.	16934.
22	10036.	10036.	1742.	11778.	5472.	15508.
23	9527.	9527.	1707.	11234.	5389.	14916.
24	9174.	9174.	1698.	10872.	5081.	14255.
25	8813.	8813.	1698.	10511.	5307.	14120.
26	8588.	8588.	1701.	10289.	5500.	14088.
27	8434.	8434.	1991.	10425.	4744.	13178.
28	8151.	8151.	1991.	10142.	5178.	13329.
29	7885.	7885.	2079.	9964.	4989.	12874.
30	7429.	7429.	2129.	9558.	4568.	11997.
31	7091.	7091.	2947.	10038.	2972.	10063.
32	6977.	6977.	3824.	10801.	7638.	14615.
33	7768.	7768.	7186.	14954.	31675.	39443.
34	8578.	8578.	10726.	19304.	46416.	54994.
35	9625.	9625.	15948.	25573.	36244.	45869.
36	11144.	11144.	48719.	59863.	65780.	76924.
37	9951.	9951.	41850.	51801.	79246.	89197.
38	9526.	9526.	38188.	47714.	74404.	83930.
39	9042.	9042.	34468.	43510.	90747.	99789.
40	8198.	8198.	28470.	36668.	79147.	87345.
41	8098.	8098.	34497.	42595.	95882.	103980.
42	8108.	8108.	37655.	45763.	98082.	106190.
43	7648.	7648.	43153.	50801.	119647.	127295.
44	9044.	9044.	50464.	59508.	106472.	115516.
45	8611.	8611.	41352.	49963.	129626.	138237.
46	8247.	8247.	36584.	44831.	117912.	126159.
47	8954.	8954.	48677.	57631.	113209.	122163.
48	8728.	8728.	32914.	41642.	92011.	100739.
49	8399.	8399.	21632.	30031.	74642.	83041.
50	8772.	8772.	21344.	30116.	84270.	93042.
51	8920.	8920.	20047.	28967.	128703.	137623.
52	8601.	8601.	14704.	23305.	80280.	88881.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1967 1	6739.	6739.	12739.	19478.	60922.	67661.
2	6672.	6672.	9096.	15768.	45118.	51790.
3	6788.	6788.	6670.	13458.	28486.	35274.
4	7026.	7026.	4331.	11357.	20411.	27437.
5	7316.	7316.	3336.	10652.	12446.	19762.
6	7677.	7677.	2978.	10655.	7709.	15386.
7	8066.	8066.	2845.	10911.	7770.	15836.
8	8418.	8418.	2741.	11159.	9010.	17428.
9	8748.	8748.	2646.	11394.	6848.	15596.
10	9179.	9179.	2568.	11747.	5216.	14395.
11	9398.	9398.	2523.	11921.	5580.	14978.
12	9129.	9129.	2502.	11631.	4566.	13695.
13	8625.	8625.	2464.	11089.	4594.	13219.
14	8349.	8349.	2456.	10805.	4124.	12473.
15	8339.	8339.	2411.	10750.	4707.	13046.
16	8341.	8341.	2366.	10707.	5276.	13617.
17	8321.	8321.	2256.	10577.	5435.	13756.
18	10301.	10301.	2219.	12520.	5637.	15938.
19	10289.	10289.	2115.	12404.	5771.	16060.
20	10254.	10254.	2055.	12309.	5528.	15782.
21	10197.	10197.	1945.	12142.	5213.	15410.
22	10058.	10058.	1928.	11986.	4802.	14860.
23	9521.	9521.	1814.	11335.	4705.	14226.
24	9168.	9168.	1720.	10888.	5064.	14232.
25	8807.	8807.	1669.	10476.	4628.	13435.
26	8582.	8582.	1637.	10219.	4672.	13254.
27	8400.	8400.	1567.	9967.	4900.	13300.
28	8117.	8117.	1539.	9656.	4504.	12621.
29	7785.	7785.	1543.	9328.	3800.	11585.
30	7347.	7347.	1728.	9075.	3861.	11208.
31	6802.	6802.	2976.	9778.	2216.	9018.
32	6915.	6915.	8525.	15440.	5527.	12442.
33	8636.	8636.	21473.	30109.	17348.	25984.
34	9155.	9155.	26758.	35913.	25225.	34380.
35	9467.	9467.	31001.	40468.	18958.	28425.
36	8376.	8376.	28637.	37013.	39031.	47407.
37	8915.	8915.	37141.	46056.	31775.	40690.
38	9040.	9040.	42195.	51235.	51362.	60402.
39	8834.	8834.	50066.	58900.	69735.	78569.
40	8300.	8300.	45164.	53464.	73261.	81561.
41	8244.	8244.	42009.	50253.	86375.	94619.
42	8695.	8695.	68333.	77028.	91938.	100633.
43	8979.	8979.	58073.	67052.	85988.	94967.
44	8975.	8975.	46123.	55098.	90407.	99382.
45	8829.	8829.	40186.	49015.	100312.	109141.
46	13035.	13035.	82874.	95909.	105045.	118080.
47	28599.	28599.	54247.	82846.	81454.	110053.
48	19229.	19229.	33859.	53088.	71758.	90987.
49	27035.	27035.	32970.	60005.	63971.	91006.
50	15955.	15955.	36378.	52333.	65877.	81832.
51	11597.	11597.	17576.	29173.	49739.	61336.
52	8813.	8813.	12492.	21305.	47287.	56100.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1968 1	8951.	8951.	8756.	17707.	37429.	46380.
2	9306.	9306.	7002.	16308.	40837.	50143.
3	8395.	8395.	5576.	13971.	27383.	35778.
4	8763.	8763.	4328.	13091.	20317.	29080.
5	9127.	9127.	3717.	12844.	16343.	25470.
6	9557.	9557.	3437.	12994.	13742.	23299.
7	10029.	10029.	3260.	13289.	8678.	18707.
8	10457.	10457.	3076.	13533.	11254.	21711.
9	10870.	10870.	2900.	13770.	10790.	21660.
10	11400.	11400.	2824.	14224.	8880.	20280.
11	11674.	11674.	2684.	14358.	7254.	18928.
12	11328.	11328.	2626.	13954.	6664.	17992.
13	10697.	10697.	2494.	13191.	6122.	16819.
14	10350.	10350.	2471.	12821.	6804.	17154.
15	10338.	10338.	2413.	12751.	6781.	17119.
16	10340.	10340.	2314.	12654.	6831.	17171.
17	10311.	10311.	2287.	12598.	7022.	17333.
18	10277.	10277.	2259.	12536.	6805.	17082.
19	10269.	10269.	2244.	12513.	7329.	17598.
20	10234.	10234.	2233.	12467.	7206.	17440.
21	10177.	10177.	2212.	12389.	6508.	16685.
22	10053.	10053.	2212.	12265.	6337.	16390.
23	9544.	9544.	2197.	11741.	5883.	15427.
24	9191.	9191.	2161.	11352.	5371.	14562.
25	8830.	8830.	2088.	10918.	5817.	14647.
26	8605.	8605.	2088.	10693.	6167.	14772.
27	8414.	8414.	2172.	10586.	5469.	13883.
28	8124.	8124.	2256.	10380.	6284.	14408.
29	7794.	7794.	2548.	10342.	8592.	16386.
30	7340.	7340.	3087.	10427.	15966.	23306.
31	6887.	6887.	4316.	11203.	41471.	48358.
32	6705.	6705.	7241.	13946.	82844.	89549.
33	8286.	8286.	17720.	26006.	72606.	80892.
34	10305.	10305.	39566.	49871.	66876.	77181.
35	9642.	9642.	40793.	50435.	102899.	112541.
36	9352.	9352.	40264.	49616.	112988.	122340.
37	9846.	9846.	58098.	67944.	137437.	147283.
38	9729.	9729.	53883.	63612.	109990.	119719.
39	8922.	8922.	42023.	50945.	98392.	107314.
40	8585.	8585.	48037.	56622.	110723.	119308.
41	8383.	8383.	49574.	57957.	122031.	130414.
42	8283.	8283.	39523.	47806.	97098.	105381.
43	8226.	8226.	46488.	54714.	107344.	115570.
44	8388.	8388.	35600.	43988.	90281.	98669.
45	8277.	8277.	37390.	45667.	90218.	98495.
46	8164.	8164.	31327.	39491.	73863.	82027.
47	8161.	8161.	29127.	37288.	79098.	87259.
48	8237.	8237.	22137.	30374.	58106.	66343.
49	10303.	10303.	16878.	27181.	41192.	51495.
50	10471.	10471.	15537.	26008.	33593.	44064.
51	8392.	8392.	10737.	19129.	28076.	36468.
52	8429.	8429.	8092.	16521.	20980.	29409.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1969 1	8853.	8853.	6587.	15440.	13795.	22648.
2	8043.	8043.	5668.	13711.	9831.	17874.
3	8269.	8269.	4485.	12754.	10039.	18308.
4	8717.	8717.	4109.	12826.	7451.	16168.
5	9074.	9074.	3330.	12404.	6353.	15427.
6	9492.	9492.	2779.	12271.	6001.	15493.
7	9928.	9928.	2488.	12416.	6723.	16651.
8	10347.	10347.	2308.	12655.	7481.	17828.
9	10740.	10740.	2115.	12855.	6940.	17680.
10	11258.	11258.	1947.	13205.	5827.	17085.
11	11527.	11527.	1868.	13395.	4938.	16465.
12	11186.	11186.	1784.	12970.	4726.	15912.
13	10553.	10553.	1712.	12265.	5679.	16232.
14	10188.	10188.	1614.	11802.	6938.	17126.
15	10174.	10174.	1585.	11759.	6882.	17056.
16	10170.	10170.	1519.	11689.	6729.	16899.
17	8129.	8129.	1498.	9627.	6602.	14731.
18	8107.	8107.	1467.	9574.	6529.	14636.
19	8114.	8114.	1428.	9542.	6080.	14194.
20	8087.	8087.	1409.	9496.	5690.	13777.
21	8044.	8044.	1401.	9445.	5794.	13838.
22	7945.	7945.	1370.	9315.	5660.	13605.
23	7540.	7540.	1342.	8882.	5428.	12968.
24	7260.	7260.	1329.	8589.	5101.	12361.
25	6976.	6976.	1296.	8272.	5269.	12245.
26	6799.	6799.	1299.	8098.	4916.	11715.
27	6665.	6665.	1398.	8063.	4723.	11388.
28	6457.	6457.	1532.	7989.	4522.	10979.
29	6221.	6221.	1982.	8203.	6550.	12771.
30	5911.	5911.	2957.	8868.	10450.	16361.
31	5611.	5611.	4317.	9928.	25421.	31032.
32	5659.	5659.	6736.	12395.	74502.	80161.
33	6391.	6391.	9129.	15520.	79118.	85509.
34	7009.	7009.	19233.	26242.	77500.	84509.
35	5988.	5988.	14907.	20895.	107019.	113007.
36	5303.	7512.	15988.	23500.	98897.	106409.
37	5272.	7378.	25314.	32692.	99418.	106796.
38	5253.	7320.	32238.	39558.	112116.	119436.
39	5109.	7381.	32562.	39943.	109691.	117072.
40	4666.	7796.	31701.	39497.	104625.	112421.
41	4867.	7743.	33668.	41411.	108363.	116106.
42	4926.	7734.	28596.	36330.	101679.	109413.
43	4857.	7778.	26084.	33862.	83763.	91541.
44	5408.	7317.	25496.	32813.	95468.	102785.
45	5595.	7041.	25438.	32479.	106496.	113537.
46	6011.	7504.	13265.	20769.	68426.	75930.
47	7597.	7597.	10768.	18365.	49713.	57310.
48	7641.	7641.	11094.	18735.	48382.	56023.
49	7621.	7621.	12196.	19817.	36778.	44399.
50	6668.	6668.	10280.	16948.	34521.	41189.
51	5715.	5715.	8545.	14260.	31999.	37714.
52	5760.	5760.	7187.	12947.	26554.	32314.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970 1	5673.	5673.	8127.	13800.	23989.	29662.
2	5692.	5692.	7947.	13639.	35842.	41534.
3	5453.	4730.	6495.	11225.	29721.	34451.
4	5604.	3818.	4747.	8565.	13991.	17809.
5	5725.	2901.	4175.	7076.	13451.	16352.
6	5993.	2920.	3246.	6166.	8792.	11712.
7	6267.	2936.	2679.	5615.	8042.	10978.
8	6530.	2943.	2432.	5375.	6694.	9637.
9	6789.	2947.	2204.	5151.	6936.	9883.
10	7143.	1940.	2099.	4039.	4894.	6834.
11	7310.	6441.	2051.	8492.	4931.	11372.
12	7098.	7098.	2036.	9134.	4667.	11765.
13	6701.	6701.	1999.	8700.	4629.	11330.
14	6496.	6496.	1915.	8411.	5508.	12004.
15	6490.	6490.	1855.	8345.	5935.	12425.
16	6486.	6486.	1851.	8337.	6219.	12705.
17	6468.	6468.	1844.	8312.	5944.	12412.
18	6450.	6450.	1829.	8279.	6145.	12595.
19	6443.	6443.	1811.	8254.	6295.	12738.
20	6414.	6414.	1769.	8183.	5886.	12300.
21	6378.	6378.	1684.	8062.	5798.	12176.
22	6300.	6300.	1675.	7975.	5789.	12089.
23	5968.	5968.	1670.	7638.	5630.	11598.
24	5747.	5747.	1671.	7418.	5352.	11099.
25	5525.	5525.	1674.	7199.	5264.	10789.
26	5383.	5383.	1674.	7057.	5127.	10510.
27	5213.	5213.	1690.	6903.	5310.	10523.
28	5040.	5040.	1826.	6866.	5355.	10395.
29	4831.	4831.	2103.	6934.	6024.	10855.
30	4549.	4549.	2630.	7179.	7931.	12480.
31	4349.	4349.	3787.	8136.	21764.	26113.
32	4458.	4458.	8008.	12466.	38239.	42697.
33	5824.	5824.	16172.	21996.	63492.	69316.
34	5457.	5457.	20681.	26138.	76558.	82015.
35	6676.	6676.	25803.	32479.	93606.	100282.
36	7032.	7032.	23602.	30634.	99139.	106171.
37	6695.	6695.	36280.	42975.	93089.	99784.
38	6452.	6662.	28361.	35023.	101305.	107967.
39	7981.	7771.	36687.	44458.	113448.	121219.
40	6979.	6979.	37916.	44895.	126047.	133026.
41	6520.	6520.	36968.	43488.	114216.	120736.
42	6738.	6738.	41710.	48448.	118047.	124785.
43	6692.	6692.	40751.	47443.	128448.	135140.
44	7526.	7526.	47718.	55244.	123002.	130528.
45	7244.	7244.	42069.	49313.	103078.	110322.
46	6753.	7061.	31501.	38562.	102140.	109201.
47	7214.	6939.	36900.	43839.	90773.	97712.
48	6725.	7235.	27117.	34352.	72743.	79978.
49	6894.	7097.	25042.	32139.	62963.	70060.
50	6913.	6282.	23017.	29299.	52478.	58760.
51	7124.	7010.	17537.	24547.	45467.	52477.
52	6605.	6605.	10081.	16686.	29195.	35800.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1971 1	7079.	7079.	9897.	16976.	18665.	25744.
2	7114.	7114.	8369.	15483.	15869.	22983.
3	7188.	7188.	7005.	14193.	15003.	22191.
4	7448.	7448.	5903.	13351.	13419.	20867.
5	7736.	7736.	5654.	13390.	12105.	19841.
6	8076.	8076.	5220.	13296.	10239.	18315.
7	8407.	8407.	4247.	12654.	10245.	18652.
8	8690.	8690.	3782.	12472.	8272.	16962.
9	8972.	8972.	3408.	12380.	8119.	17091.
10	9372.	9372.	3129.	12501.	6799.	16171.
11	9561.	9561.	2945.	12506.	6512.	16073.
12	9259.	9259.	2814.	12073.	6699.	15958.
13	8716.	8716.	2622.	11338.	6236.	14952.
14	8361.	8361.	2384.	10745.	6456.	14817.
15	8323.	8323.	2197.	10520.	6814.	15137.
16	8302.	8302.	1981.	10283.	7068.	15370.
17	8254.	8254.	1792.	10046.	6768.	15022.
18	8221.	8221.	1666.	9887.	6252.	14473.
19	8219.	8219.	1620.	9839.	5858.	14077.
20	8175.	8175.	1590.	9765.	5154.	13329.
21	8129.	8129.	1566.	9695.	4925.	13054.
22	8027.	8027.	1519.	9546.	5140.	13167.
23	7609.	7609.	1513.	9122.	4704.	12313.
24	7327.	7327.	1499.	8826.	4375.	11702.
25	7038.	7038.	1461.	8499.	4273.	11311.
26	6858.	6858.	1515.	8373.	4000.	10858.
27	6719.	6719.	1558.	8277.	4330.	11049.
28	6499.	6499.	1583.	8082.	4621.	11120.
29	6241.	6241.	1687.	7928.	4364.	10605.
30	5887.	5887.	1792.	7679.	5134.	11021.
31	5484.	5484.	2269.	7753.	5629.	11113.
32	5333.	5333.	3750.	9083.	14384.	19717.
33	5645.	5706.	5993.	11699.	35940.	41646.
34	5710.	5649.	9837.	15486.	59314.	64963.
35	6054.	6054.	16019.	22073.	65416.	71470.
36	6875.	7753.	29662.	37415.	84208.	91961.
37	9141.	8263.	49503.	57766.	72695.	80958.
38	7112.	7437.	43019.	50456.	91962.	99399.
39	8201.	7876.	68296.	76172.	144706.	152582.
40	6784.	7718.	44680.	52398.	138209.	145927.
41	6841.	7696.	49974.	57670.	137867.	145563.
42	7170.	7497.	48011.	55508.	121774.	129271.
43	6524.	8023.	31239.	39262.	85201.	93224.
44	7684.	7804.	35772.	43576.	82063.	89867.
45	9647.	7263.	68287.	75550.	104284.	111547.
46	9765.	8414.	50129.	58543.	93227.	101641.
47	8453.	8453.	33318.	41771.	73418.	81871.
48	13024.	13024.	26332.	39356.	68690.	81714.
49	21459.	21459.	28612.	50071.	70825.	92284.
50	13693.	13693.	20957.	34650.	51049.	64742.
51	10354.	10354.	14910.	25264.	48618.	58972.
52	8985.	8985.	11988.	20973.	38136.	47121.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 1	8918.	8918.	9632.	18550.	22356.	31274.
2	9301.	9301.	12710.	22011.	27406.	36707.
3	9644.	9644.	8375.	18019.	17150.	26794.
4	8782.	8782.	6141.	14923.	13705.	22487.
5	9178.	9178.	5092.	14270.	9197.	18375.
6	9618.	9618.	4358.	13976.	9250.	18868.
7	10087.	10087.	3840.	13927.	7602.	17689.
8	10510.	10510.	3409.	13919.	5931.	16441.
9	12012.	12012.	3062.	15074.	6016.	18028.
10	12593.	12593.	2869.	15462.	5206.	17799.
11	12857.	12857.	2684.	15541.	4690.	17547.
12	12492.	12492.	2536.	15028.	6157.	18649.
13	11854.	11854.	2410.	14264.	6060.	17914.
14	11558.	11558.	2374.	13932.	6242.	17800.
15	11528.	11528.	2290.	13818.	7465.	18993.
16	11511.	11511.	2268.	13779.	6378.	17889.
17	11493.	11493.	2135.	13628.	6445.	17938.
18	11465.	11465.	2136.	13601.	5971.	17436.
19	11492.	11492.	2096.	13588.	6686.	18178.
20	11437.	11437.	1982.	13419.	5787.	17224.
21	11389.	11389.	1915.	13304.	5480.	16869.
22	11259.	11259.	1859.	13118.	4669.	15928.
23	10729.	10729.	1776.	12505.	4660.	15389.
24	10379.	10379.	1710.	12089.	4106.	14485.
25	10031.	10031.	1628.	11659.	4390.	14421.
26	9837.	9837.	1594.	11431.	4907.	14744.
27	9678.	9678.	1611.	11289.	5292.	14970.
28	9423.	9423.	1602.	11025.	5215.	14638.
29	9160.	9160.	1661.	10821.	5414.	14574.
30	8785.	8785.	1884.	10669.	5069.	13854.
31	8464.	8464.	3944.	12408.	11537.	20001.
32	9958.	9958.	14138.	24096.	30514.	40472.
33	9816.	9816.	13781.	23597.	36379.	46195.
34	10345.	10345.	20112.	30457.	45141.	55486.
35	12030.	12030.	38329.	50359.	72408.	84438.
36	9401.	9401.	25917.	35318.	89816.	99217.
37	10544.	10544.	35704.	46248.	75507.	86051.
38	10022.	10022.	39970.	49992.	82547.	92569.
39	8998.	8998.	33220.	42218.	97132.	106130.
40	8091.	8091.	40094.	48185.	100631.	108722.
41	8039.	8039.	49264.	57303.	123201.	131240.
42	7729.	8023.	37271.	45294.	97016.	105039.
43	7218.	8203.	38111.	46314.	98103.	106306.
44	7220.	8325.	39025.	47350.	103609.	111934.
45	7391.	8224.	35180.	43404.	94968.	103192.
46	7412.	8290.	33198.	41488.	83408.	91698.
47	7813.	8265.	35012.	43277.	79686.	87951.
48	13290.	8743.	22365.	31108.	62050.	70793.
49	12589.	12589.	25532.	38121.	55749.	68338.
50	17212.	17212.	34025.	51237.	54630.	71842.
51	12685.	12685.	19435.	32120.	52084.	64769.
52	8308.	8308.	12413.	20721.	30569.	38877.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1973 1	8709.	8709.	10481.	19190.	16875.	25584.
2	7844.	7844.	7757.	15601.	10386.	18230.
3	8307.	8307.	10554.	18861.	30013.	38320.
4	8688.	8688.	7656.	16344.	24522.	33210.
5	9040.	9040.	5352.	14392.	22472.	31512.
6	9477.	9477.	4383.	13860.	16815.	26292.
7	9934.	9934.	3926.	13860.	12336.	22270.
8	10361.	10361.	3361.	13722.	8983.	19344.
9	10759.	10759.	3242.	14001.	8996.	19755.
10	11326.	11326.	3272.	14598.	8923.	20249.
11	11584.	11584.	3000.	14584.	8185.	19769.
12	11244.	11244.	3080.	14324.	7355.	18599.
13	10614.	10614.	2744.	13358.	6573.	17187.
14	10226.	10226.	2381.	12607.	6805.	17031.
15	10211.	10211.	2227.	12438.	6409.	16620.
16	10213.	10213.	2172.	12385.	5866.	16079.
17	10188.	10188.	2075.	12263.	5602.	15790.
18	10160.	10160.	2110.	12270.	5419.	15579.
19	10185.	10185.	2019.	12204.	5448.	15633.
20	10150.	10150.	1948.	12098.	5250.	15400.
21	10093.	10093.	1915.	12008.	4963.	15056.
22	9956.	9956.	1805.	11761.	4963.	14919.
23	9402.	9402.	1656.	11058.	4249.	13651.
24	9049.	9049.	1671.	10720.	4375.	13424.
25	8688.	8688.	1543.	10231.	4197.	12885.
26	8463.	8463.	1482.	9945.	4302.	12765.
27	8278.	8278.	1352.	9630.	4586.	12864.
28	7995.	7995.	1527.	9522.	3852.	11847.
29	7656.	7656.	1575.	9231.	3637.	11293.
30	7193.	7193.	1992.	9185.	4929.	12122.
31	6689.	6689.	2872.	9561.	4204.	10893.
32	6507.	6507.	6075.	12582.	15138.	21645.
33	7204.	7204.	19566.	26770.	50093.	57297.
34	7137.	7137.	20608.	27745.	51069.	58206.
35	7102.	7102.	20942.	28044.	46235.	53337.
36	7508.	8034.	26355.	34389.	59744.	67778.
37	8440.	7914.	42624.	50538.	55730.	63644.
38	8549.	8549.	47450.	55999.	100621.	109170.
39	7346.	7855.	38346.	46201.	106645.	114500.
40	6395.	8328.	33706.	42034.	95434.	103762.
41	6361.	8359.	35525.	43884.	83237.	91596.
42	6081.	8515.	27332.	35847.	72274.	80789.
43	6250.	8476.	28919.	37395.	78882.	87358.
44	6744.	8373.	27964.	36337.	75193.	83566.
45	7107.	8246.	31316.	39562.	79326.	87572.
46	6972.	8398.	21670.	30068.	61581.	69979.
47	7565.	8218.	38724.	46942.	77507.	85725.
48	7985.	8089.	31797.	39886.	63767.	71856.
49	7484.	7260.	22076.	29336.	50613.	57873.
50	7654.	6483.	15881.	22364.	55550.	62033.
51	7798.	5564.	10431.	15995.	53894.	59458.
52	6295.	5645.	6128.	11773.	43275.	48920.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1974 1	6445.	5639.	7230.	12869.	33814.	39453.
2	6566.	5710.	4853.	10563.	27559.	33269.
3	6674.	4800.	3770.	8570.	20555.	25355.
4	6977.	3849.	3594.	7443.	15765.	19614.
5	7180.	4165.	3036.	7201.	14976.	19141.
6	7538.	7538.	2734.	10272.	12128.	19666.
7	7918.	7918.	2703.	10621.	8841.	16759.
8	8262.	8262.	2540.	10802.	8974.	17236.
9	8588.	8588.	2587.	11175.	9302.	17890.
10	9008.	9008.	2353.	11361.	7483.	16491.
11	9219.	9219.	2193.	11412.	6622.	15841.
12	8947.	8947.	1954.	10901.	6928.	15875.
13	8442.	8442.	1983.	10425.	7600.	16042.
14	8152.	8152.	1847.	9999.	8005.	16157.
15	8141.	8141.	1802.	9943.	7430.	15571.
16	8141.	8141.	1764.	9905.	7353.	15494.
17	8121.	8121.	1719.	9840.	7265.	15386.
18	8095.	8095.	1721.	9816.	7207.	15302.
19	8099.	8099.	1777.	9876.	6889.	14988.
20	8070.	8070.	1751.	9821.	7425.	15495.
21	8022.	8022.	1746.	9768.	7469.	15491.
22	7923.	7923.	1687.	9610.	7220.	15143.
23	7526.	7526.	1675.	9201.	7505.	15031.
24	7242.	7242.	1590.	8832.	6614.	13856.
25	6950.	6950.	1518.	8468.	6326.	13276.
26	6770.	6770.	1496.	8266.	6331.	13101.
27	6611.	6611.	1493.	8104.	6142.	12753.
28	6385.	6385.	1505.	7890.	6105.	12490.
29	6124.	6124.	1597.	7721.	6568.	12692.
30	5785.	5785.	2093.	7878.	10031.	15816.
31	5598.	5598.	3458.	9056.	32719.	38317.
32	5932.	5932.	7048.	12980.	67965.	73897.
33	6873.	6873.	9905.	16778.	45992.	52865.
34	8644.	8644.	18582.	27226.	52364.	61008.
35	8854.	8854.	27977.	36831.	64397.	73251.
36	7741.	7741.	21047.	28788.	64709.	72450.
37	8191.	8191.	23873.	32064.	47994.	56185.
38	7904.	7904.	26301.	34205.	61543.	69447.
39	7954.	7954.	32945.	40899.	86556.	94510.
40	6608.	8058.	32938.	40996.	76658.	84716.
41	7027.	7830.	35125.	42955.	71302.	79132.
42	6910.	7927.	35737.	43664.	71609.	79536.
43	6928.	7968.	33642.	41610.	79417.	87385.
44	7341.	7891.	31014.	38905.	74485.	82376.
45	7575.	7807.	33036.	40843.	79416.	87223.
46	7460.	7980.	29667.	37647.	74752.	82732.
47	6136.	8193.	21421.	29614.	64509.	72702.
48	6882.	7942.	32977.	40919.	70689.	78631.
49	7487.	6972.	26430.	33402.	59629.	66601.
50	6869.	6424.	15624.	22048.	46863.	53287.
51	7070.	5417.	13094.	18511.	35430.	40847.
52	7516.	5233.	15113.	20346.	31240.	36473.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1975 1	6398.	5655.	8986.	14641.	20413.	26068.
2	6644.	5657.	7760.	13417.	20445.	26102.
3	6632.	4856.	4857.	9713.	14411.	19267.
4	6915.	6915.	4468.	11383.	11464.	18379.
5	7188.	7188.	3827.	11015.	9525.	16713.
6	7567.	7567.	3069.	10636.	9378.	16945.
7	7956.	7956.	2751.	10707.	8521.	16477.
8	8308.	8308.	2523.	10831.	8378.	16686.
9	8645.	8645.	2653.	11298.	8393.	17038.
10	9152.	9152.	2517.	11669.	8307.	17459.
11	9371.	9371.	2455.	11826.	8021.	17392.
12	9102.	9102.	2515.	11617.	7807.	16909.
13	8598.	8598.	2500.	11098.	7521.	16119.
14	8295.	8295.	2383.	10678.	7527.	15822.
15	8273.	8273.	2247.	10520.	7392.	15665.
16	8275.	8275.	2047.	10322.	7106.	15381.
17	8255.	8255.	1953.	10208.	7106.	15361.
18	8235.	8235.	2050.	10285.	6607.	14842.
19	8283.	8283.	1929.	10212.	6635.	14918.
20	8255.	8255.	1716.	9971.	6635.	14890.
21	8199.	8199.	1699.	9898.	6187.	14386.
22	8091.	8091.	1724.	9815.	6226.	14317.
23	7692.	7692.	1584.	9276.	5728.	13420.
24	7410.	7410.	1630.	9040.	5728.	13138.
25	7121.	7121.	1656.	8777.	5728.	12849.
26	6941.	6941.	1573.	8514.	5728.	12669.
27	6778.	6778.	1668.	8446.	5538.	12316.
28	6553.	6553.	1667.	8220.	5240.	11793.
29	6302.	6302.	1663.	7965.	5125.	11427.
30	5971.	5971.	1971.	7942.	5656.	11627.
31	5696.	5696.	2757.	8453.	6655.	12351.
32	6094.	6094.	3965.	10059.	8387.	14481.
33	7527.	7527.	13992.	21519.	20837.	28364.
34	8487.	8487.	22064.	30551.	57259.	65746.
35	9378.	9378.	36139.	45517.	84792.	94170.
36	8519.	8519.	37357.	45876.	94967.	103486.
37	8342.	8342.	34862.	43204.	84400.	92742.
38	9429.	9429.	41708.	51137.	102902.	112331.
39	9041.	9041.	43317.	52358.	111778.	120819.
40	8414.	8414.	42917.	51331.	116702.	125116.
41	8484.	8484.	52411.	60895.	124993.	133477.
42	8348.	8348.	47300.	55648.	110900.	119248.
43	8208.	8208.	35305.	43513.	93769.	101977.
44	8407.	8407.	35280.	43687.	87354.	95761.
45	8155.	8155.	52747.	60902.	81329.	89484.
46	8199.	8199.	34500.	42699.	80874.	89073.
47	8169.	8169.	24700.	32869.	69234.	77403.
48	8946.	8946.	21867.	30813.	54734.	63680.
49	10858.	10858.	21002.	31860.	50842.	61700.
50	18386.	18386.	26114.	44500.	70771.	89157.
51	17223.	17223.	24409.	41632.	77048.	94271.
52	14515.	14515.	17290.	31805.	55885.	70400.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976 1	9491.	9491.	11984.	21475.	36097.	45588.
2	9799.	9799.	10831.	20630.	25557.	35356.
3	10155.	10155.	7892.	18047.	24021.	34176.
4	10260.	10260.	4956.	15216.	16951.	27211.
5	9236.	9236.	3823.	13059.	12841.	22077.
6	9583.	9583.	2942.	12525.	10045.	19628.
7	9997.	9997.	2698.	12695.	7650.	17647.
8	10388.	10388.	2353.	12741.	6287.	16675.
9	11941.	11941.	2329.	14270.	5262.	17203.
10	12472.	12472.	2133.	14605.	4937.	17409.
11	12738.	12738.	2073.	14811.	4977.	17715.
12	12389.	12389.	1963.	14352.	5017.	17406.
13	11752.	11752.	1963.	13715.	5070.	16822.
14	11450.	11450.	1928.	13378.	5423.	16873.
15	11447.	11447.	1885.	13332.	5650.	17097.
16	11431.	11431.	1789.	13220.	5912.	17343.
17	11417.	11417.	1813.	13230.	5525.	16942.
18	11395.	11395.	1791.	13186.	5353.	16748.
19	10185.	10185.	1802.	11987.	5120.	15305.
20	10150.	10150.	2087.	12237.	4720.	14870.
21	10093.	10093.	1965.	12058.	4491.	14584.
22	9965.	9965.	1972.	11937.	4344.	14309.
23	9460.	9460.	1951.	11411.	4521.	13981.
24	9107.	9107.	1731.	10838.	4578.	13685.
25	8746.	8746.	1722.	10468.	4578.	13324.
26	8521.	8521.	1739.	10260.	4578.	13099.
27	8320.	8320.	1775.	10095.	4644.	12964.
28	8042.	8042.	1938.	9980.	4608.	12650.
29	7730.	7730.	2558.	10288.	4731.	12461.
30	7360.	7360.	3367.	10727.	7357.	14717.
31	7458.	7458.	7952.	15410.	41832.	49290.
32	8906.	8906.	22021.	30927.	85712.	94618.
33	9028.	9028.	17165.	26193.	54622.	63650.
34	8819.	8819.	18680.	27499.	50278.	59097.
35	8960.	8960.	24164.	33124.	48333.	57293.
36	8790.	8790.	39449.	48239.	66584.	75374.
37	8723.	8723.	50460.	59183.	93255.	101978.
38	7577.	7895.	35628.	43523.	91662.	99557.
39	7447.	7934.	41390.	49324.	94823.	102757.
40	6275.	7947.	37749.	45696.	107581.	115528.
41	6297.	7949.	42231.	50180.	102194.	110143.
42	6286.	7999.	45425.	53424.	99186.	107185.
43	6410.	7974.	40990.	48964.	88840.	96814.
44	6490.	8536.	38128.	46664.	90093.	98629.
45	6869.	8886.	35617.	44503.	90971.	99857.
46	6711.	8915.	36295.	45210.	82171.	91086.
47	6720.	8936.	46392.	55328.	74507.	83443.
48	6843.	8896.	23601.	32497.	56621.	65517.
49	6158.	7435.	16586.	24021.	35207.	42642.
50	6349.	6537.	14369.	20906.	32847.	39384.
51	6542.	5535.	15153.	20688.	46955.	52490.
52	6637.	5504.	14658.	20162.	53165.	58669.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1977 1	6490.	5611.	10771.	16382.	28458.	34069.
2	6608.	5683.	9042.	14725.	26231.	31914.
3	6857.	4698.	6979.	11677.	26542.	31240.
4	7187.	3731.	6904.	10635.	27361.	31092.
5	7551.	2709.	5470.	8179.	19348.	22057.
6	7898.	3054.	4649.	7703.	16419.	19473.
7	8258.	8258.	4048.	12306.	17001.	25259.
8	8584.	8584.	3667.	12251.	14987.	23571.
9	9002.	9002.	4315.	13317.	12971.	21973.
10	9464.	9464.	3817.	13281.	12142.	21606.
11	9634.	9634.	3149.	12783.	11229.	20863.
12	9324.	9324.	3111.	12435.	10266.	19590.
13	8788.	8788.	3053.	11841.	9847.	18635.
14	8422.	8422.	2924.	11346.	9799.	18221.
15	8402.	8402.	2669.	11071.	8423.	16825.
16	8387.	8387.	2438.	10825.	7942.	16329.
17	8360.	8360.	2369.	10729.	7910.	16270.
18	8328.	8328.	2103.	10431.	8386.	16714.
19	8309.	8309.	2031.	10340.	7870.	16179.
20	8277.	8277.	1900.	10177.	7182.	15459.
21	8231.	8231.	2014.	10245.	7325.	15556.
22	8127.	8127.	1943.	10070.	6371.	14498.
23	7709.	7709.	1921.	9630.	5788.	13497.
24	7427.	7427.	1864.	9291.	5288.	12715.
25	7138.	7138.	1817.	8955.	5145.	12283.
26	6958.	6958.	1815.	8773.	5145.	12103.
27	6855.	6855.	1988.	8843.	4705.	11560.
28	6629.	6629.	1857.	8486.	4562.	11191.
29	6374.	6374.	1860.	8234.	4484.	10858.
30	6015.	6015.	1897.	7912.	4979.	10994.
31	5668.	5668.	2608.	8276.	6502.	12170.
32	5755.	5755.	4563.	10318.	15169.	20924.
33	7785.	7785.	10808.	18593.	45393.	53178.
34	8896.	8896.	18350.	27246.	71942.	80838.
35	10668.	10668.	35899.	46567.	93381.	104049.
36	8293.	8293.	53916.	62209.	124952.	133245.
37	9274.	9274.	67878.	77152.	129038.	138312.
38	9293.	9293.	56371.	65664.	136258.	145551.
39	9179.	9179.	57173.	66352.	136423.	145602.
40	7971.	7971.	41240.	49211.	128713.	136684.
41	8038.	8038.	44577.	52615.	119570.	127608.
42	8054.	8054.	52314.	60368.	126138.	134192.
43	7843.	7843.	44005.	51848.	114884.	122727.
44	8029.	8086.	40977.	49063.	114771.	122857.
45	7724.	8366.	41289.	49655.	112734.	121100.
46	7702.	8421.	43037.	51458.	115065.	123486.
47	7901.	8414.	48325.	56739.	115286.	123700.
48	7516.	8587.	26322.	34909.	76999.	85586.
49	8904.	7351.	22525.	29876.	63943.	71294.
50	11742.	10292.	23859.	34151.	83878.	94170.
51	13190.	13190.	23550.	36740.	71581.	84771.
52	11099.	11099.	20062.	31161.	69964.	81063.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1978 1	9242.	9242.	13324.	22566.	48617.	57859.
2	9674.	9674.	12137.	21811.	38485.	48159.
3	10011.	10011.	9727.	19738.	26197.	36208.
4	10277.	10277.	7484.	17761.	18605.	28882.
5	9521.	9521.	6517.	16038.	14350.	23871.
6	9891.	9891.	4902.	14793.	11812.	21703.
7	10318.	10318.	4048.	14366.	9440.	19758.
8	11722.	11722.	3627.	15349.	7153.	18875.
9	12099.	12099.	3506.	15605.	17479.	29578.
10	12606.	12606.	3268.	15874.	5391.	17997.
11	12860.	12860.	3167.	16027.	5074.	17934.
12	12503.	12503.	3036.	15539.	5003.	17506.
13	11850.	11850.	3107.	14957.	5037.	16887.
14	11509.	11509.	3141.	14650.	4969.	16478.
15	11485.	11485.	2797.	14282.	5058.	16543.
16	11459.	11459.	2742.	14201.	5157.	16616.
17	11436.	11436.	2526.	13962.	5230.	16666.
18	11403.	11403.	2376.	13779.	5137.	16540.
19	11433.	11433.	2171.	13604.	5252.	16685.
20	11383.	11383.	2029.	13412.	5297.	16680.
21	11336.	11336.	1892.	13228.	5297.	16633.
22	11211.	11211.	1761.	12972.	5140.	16351.
23	10681.	10681.	1738.	12419.	5122.	15803.
24	10339.	10339.	1697.	12036.	5122.	15461.
25	9993.	9993.	1585.	11578.	5122.	15115.
26	9801.	9801.	1702.	11503.	5059.	14860.
27	9648.	9648.	2011.	11659.	4988.	14636.
28	9393.	9393.	1936.	11329.	5016.	14409.
29	9135.	9135.	2062.	11197.	5359.	14494.
30	8743.	8743.	2467.	11210.	6192.	14935.
31	8053.	8053.	3265.	11318.	9525.	17578.
32	8054.	8054.	8395.	16449.	31942.	39996.
33	8491.	8491.	11835.	20326.	42861.	51352.
34	7898.	7898.	11148.	19046.	45467.	53365.
35	7617.	7617.	13048.	20665.	50879.	58496.
36	7712.	7712.	21720.	29432.	54797.	62509.
37	7706.	7706.	31855.	39561.	74551.	82257.
38	7347.	7443.	27488.	34931.	75800.	83243.
39	6530.	7306.	32218.	39524.	90479.	97785.
40	6706.	7010.	39036.	46046.	93819.	100829.
41	6611.	7081.	38184.	45265.	99047.	106128.
42	6677.	7071.	42653.	49724.	97829.	104900.
43	6737.	7089.	43523.	50612.	97640.	104729.
44	7801.	6721.	43836.	50557.	105065.	111786.
45	7829.	6803.	40823.	47626.	102226.	109029.
46	6694.	6888.	37165.	44053.	88355.	95243.
47	6531.	7072.	27859.	34931.	79470.	86542.
48	6308.	7324.	21128.	28452.	60633.	67957.
49	6525.	7302.	24492.	31794.	61613.	68915.
50	6750.	6371.	19487.	25858.	57220.	63591.
51	6663.	5527.	14810.	20337.	44688.	50215.
52	6503.	5646.	10325.	15971.	27671.	33317.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1979 1	6587.	6268.	8293.	14561.	25995.	32263.
2	6933.	6933.	6980.	13913.	39536.	46469.
3	7034.	7034.	6141.	13175.	37472.	44506.
4	7244.	7244.	4797.	12041.	28602.	35846.
5	7569.	7569.	4689.	12258.	23304.	30873.
6	7885.	7885.	4525.	12410.	16884.	24769.
7	8159.	8159.	3790.	11949.	11308.	19467.
8	8468.	8468.	3512.	11980.	8424.	16892.
9	8789.	8789.	3430.	12219.	8065.	16854.
10	9202.	9202.	3306.	12508.	7752.	16954.
11	9398.	9398.	3219.	12617.	7909.	17307.
12	9106.	9106.	2962.	12068.	7781.	16887.
13	8594.	8594.	2881.	11475.	7619.	16213.
14	8266.	8266.	2552.	10818.	7641.	15907.
15	8250.	8250.	2694.	10944.	7694.	15944.
16	8252.	8252.	2476.	10728.	7694.	15946.
17	8232.	8232.	2404.	10636.	7194.	15426.
18	8196.	8196.	2192.	10388.	7287.	15483.
19	8192.	8192.	2107.	10299.	6925.	15117.
20	8164.	8164.	1940.	10104.	6782.	14946.
21	8118.	8118.	1974.	10092.	6496.	14614.
22	8005.	8005.	1946.	9951.	6303.	14308.
23	7516.	7516.	1730.	9246.	5831.	13347.
24	7234.	7234.	1795.	9029.	5831.	13065.
25	6945.	6945.	1716.	8661.	5831.	12776.
26	6765.	6765.	1782.	8547.	5831.	12596.
27	6633.	6633.	1852.	8485.	5369.	12002.
28	6411.	6411.	1935.	8346.	5602.	12013.
29	6146.	6146.	2046.	8192.	6838.	12984.
30	5790.	5790.	3308.	9098.	9717.	15507.
31	5457.	5457.	6155.	11612.	20076.	25533.
32	5413.	5413.	13451.	18864.	62145.	67558.
33	6077.	6077.	19843.	25920.	76552.	82629.
34	6327.	6327.	23660.	29987.	75767.	82094.
35	6944.	6944.	39059.	46003.	95908.	102852.
36	5729.	8197.	32417.	40614.	98317.	106514.
37	6354.	8326.	31088.	39414.	93889.	102215.
38	6111.	8391.	30468.	38859.	84637.	93028.
39	7307.	8247.	39875.	48122.	107982.	116229.
40	8238.	7711.	43191.	50902.	104061.	111772.
41	8246.	7725.	46437.	54162.	111332.	119057.
42	8788.	7448.	63050.	70498.	121081.	128529.
43	8954.	7411.	52771.	60182.	124561.	131972.
44	9694.	7353.	50364.	57717.	112704.	120057.
45	9336.	7949.	44016.	51965.	114960.	122909.
46	8474.	8474.	42950.	51424.	124876.	133350.
47	8375.	8375.	34613.	42988.	108100.	116475.
48	8428.	8428.	23786.	32214.	80225.	88653.
49	8121.	8121.	13452.	21573.	49495.	57616.
50	8272.	8272.	13918.	22190.	46794.	55066.
51	8662.	8662.	14542.	23204.	79451.	88113.
52	8648.	8648.	12749.	21397.	89923.	98571.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1980 1	8035.	8035.	11287.	19322.	58457.	66492.
2	8566.	8566.	13274.	21840.	74399.	82965.
3	8602.	8602.	7932.	16534.	49241.	57843.
4	8904.	8904.	6422.	15326.	33299.	42203.
5	9301.	9301.	5718.	15019.	34626.	43927.
6	9729.	9729.	5483.	15212.	34681.	44410.
7	10266.	10266.	5569.	15835.	32308.	42574.
8	11638.	11638.	3504.	15142.	18977.	30615.
9	12026.	12026.	3739.	15765.	16135.	28161.
10	12528.	12528.	2895.	15423.	14781.	27309.
11	12777.	12777.	2610.	15387.	12965.	25742.
12	12415.	12415.	2665.	15080.	11067.	23482.
13	11766.	11766.	2517.	14283.	10153.	21919.
14	11439.	11439.	2367.	13806.	9485.	20924.
15	11420.	11420.	2373.	13793.	8707.	20127.
16	11398.	11398.	2287.	13685.	8301.	19699.
17	11377.	11377.	2249.	13626.	7953.	19330.
18	11349.	11349.	2153.	13502.	7850.	19199.
19	11374.	11374.	2157.	13531.	7746.	19120.
20	11325.	11325.	2049.	13374.	7671.	18996.
21	11276.	11276.	2025.	13301.	7552.	18828.
22	11157.	11157.	2081.	13238.	7480.	18637.
23	10642.	10642.	1948.	12590.	7536.	18178.
24	10300.	10300.	1909.	12209.	7808.	18108.
25	9954.	9954.	1776.	11730.	7379.	17333.
26	9763.	9763.	1872.	11635.	7665.	17428.
27	9623.	9623.	1947.	11570.	8369.	17992.
28	9369.	9369.	2102.	11471.	9097.	18466.
29	9115.	9115.	2245.	11360.	10676.	19791.
30	8739.	8739.	3262.	12001.	12771.	21510.
31	8317.	8317.	5110.	13427.	19839.	28156.
32	8572.	8572.	6298.	14870.	46417.	54989.
33	8905.	8905.	8123.	17028.	54733.	63638.
34	8719.	8719.	10635.	19354.	65213.	73932.
35	9018.	9018.	18789.	27807.	90818.	99836.
36	9468.	9468.	28725.	38193.	109170.	118638.
37	8885.	8885.	29533.	38418.	118740.	127625.
38	9215.	9215.	35274.	44489.	121721.	130936.
39	8826.	8826.	42781.	51607.	121637.	130463.
40	8210.	8210.	39651.	47861.	131642.	139852.
41	8286.	8286.	46944.	55230.	159924.	168210.
42	8733.	8733.	45345.	54078.	158986.	167719.
43	8526.	8526.	46534.	55060.	146485.	155011.
44	8856.	8856.	39738.	48594.	140703.	149559.
45	8350.	8350.	29514.	37864.	116312.	124662.
46	8371.	8371.	24101.	32472.	111341.	119712.
47	8349.	8349.	23163.	31512.	100368.	108717.
48	8227.	8227.	17979.	26206.	85873.	94100.
49	8188.	8188.	15191.	23379.	74643.	82831.
50	8387.	8387.	15987.	24374.	73106.	81493.
51	11896.	11896.	23739.	35635.	90122.	102018.
52	11492.	11492.	15033.	26525.	77883.	89375.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1981 1	9434.	9434.	11813.	21247.	33137.	42571.
2	9375.	9375.	10294.	19669.	31734.	41109.
3	9725.	9725.	8620.	18345.	26549.	36274.
4	10090.	10090.	7171.	17261.	21721.	31811.
5	10417.	10417.	6026.	16443.	18168.	28585.
6	10822.	10822.	5535.	16357.	15785.	26607.
7	11183.	11183.	4630.	15813.	11211.	22394.
8	11606.	11606.	4420.	16026.	11158.	22764.
9	12002.	12002.	4115.	16117.	10716.	22718.
10	12402.	12402.	3524.	15926.	8213.	20615.
11	12662.	12662.	2952.	15614.	6719.	19381.
12	12313.	12313.	2692.	15005.	5678.	17991.
13	11677.	11677.	2539.	14216.	5383.	17060.
14	11383.	11383.	2609.	13992.	5333.	16716.
15	11379.	11379.	2497.	13876.	5654.	17033.
16	11368.	11368.	2472.	13840.	6005.	17373.
17	11355.	11355.	2475.	13830.	5911.	17266.
18	11330.	11330.	2359.	13689.	6309.	17639.
19	11465.	11465.	2359.	13824.	6617.	18082.
20	11388.	11388.	2210.	13598.	5703.	17091.
21	11312.	11312.	2136.	13448.	5230.	16542.
22	11182.	11182.	2052.	13234.	4680.	15862.
23	10665.	10665.	1978.	12643.	4609.	15274.
24	10329.	10329.	1963.	12292.	4516.	14845.
25	9985.	9985.	1891.	11876.	4704.	14689.
26	9793.	9793.	1893.	11686.	5042.	14835.
27	9653.	9653.	1922.	11575.	5765.	15418.
28	9403.	9403.	1940.	11343.	6490.	15893.
29	9152.	9152.	2134.	11286.	7535.	16687.
30	8847.	8847.	3372.	12219.	11346.	20193.
31	8363.	8363.	9404.	17767.	34661.	43024.
32	9103.	9103.	21475.	30578.	66475.	75578.
33	8974.	8974.	23536.	32510.	73536.	82510.
34	8560.	8560.	21381.	29941.	73438.	81998.
35	8821.	8821.	28230.	37051.	85087.	93908.
36	8400.	8462.	27166.	35628.	81309.	89771.
37	7879.	8511.	26804.	35315.	77704.	86215.
38	7821.	8474.	34626.	43100.	99040.	107514.
39	8025.	8387.	39570.	47957.	100213.	108600.
40	7057.	7328.	37986.	45314.	86443.	93771.
41	9893.	7913.	77562.	85475.	114762.	122675.
42	9456.	9456.	59888.	69344.	151574.	161030.
43	9155.	9155.	53785.	62940.	138028.	147183.
44	9727.	9727.	55962.	65689.	129647.	139374.
45	9576.	9576.	48210.	57786.	128010.	137586.
46	20482.	20482.	58805.	79287.	161862.	182344.
47	35541.	35541.	41459.	77000.	98316.	133857.
48	23832.	23832.	37139.	60971.	91739.	115571.
49	16893.	16893.	27350.	44243.	80564.	97457.
50	13620.	13620.	20137.	33757.	55794.	69414.
51	11366.	11366.	16491.	27857.	44734.	56100.
52	9251.	9251.	12499.	21750.	32912.	42163.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1982 1	8882.	8882.	10645.	19527.	23888.	32770.
2	9287.	9287.	9810.	19097.	21396.	30683.
3	9725.	9725.	9853.	19578.	24753.	34478.
4	9118.	9118.	11195.	20313.	40881.	49999.
5	9574.	9574.	5788.	15362.	21516.	31090.
6	9947.	9947.	4901.	14848.	17773.	27720.
7	10419.	10419.	3835.	14254.	14135.	24554.
8	11743.	11743.	2882.	14625.	11254.	22997.
9	12104.	12104.	2380.	14484.	10466.	22570.
10	12576.	12576.	2101.	14677.	9958.	22534.
11	12827.	12827.	1850.	14677.	9807.	22634.
12	12471.	12471.	1799.	14270.	9314.	21785.
13	11834.	11834.	1542.	13376.	8885.	20719.
14	11548.	11548.	916.	12464.	8202.	19750.
15	11535.	11535.	1417.	12952.	7203.	18738.
16	11517.	11517.	1417.	12934.	6774.	18291.
17	11498.	11498.	1417.	12915.	6417.	17915.
18	11465.	11465.	1408.	12873.	5965.	17430.
19	11529.	11529.	1718.	13247.	5460.	16989.
20	11419.	11419.	1672.	13091.	5529.	16948.
21	11326.	11326.	1695.	13021.	5881.	17207.
22	11195.	11195.	1718.	12913.	5518.	16713.
23	10660.	10660.	1699.	12359.	4856.	15516.
24	10320.	10320.	1699.	12019.	4499.	14819.
25	9981.	9981.	1740.	11721.	3940.	13921.
26	9817.	9817.	2023.	11840.	3637.	13454.
27	9728.	9728.	2071.	11799.	3714.	13442.
28	9474.	9474.	2014.	11488.	3785.	13259.
29	9233.	9233.	2094.	11327.	4294.	13527.
30	9026.	9026.	2643.	11669.	4900.	13926.
31	8298.	8298.	3522.	11820.	6679.	14977.
32	8505.	8505.	8707.	17212.	19793.	28298.
33	9069.	9069.	17655.	26724.	41755.	50824.
34	9249.	9249.	17080.	26329.	43409.	52658.
35	9304.	9304.	25857.	35161.	49728.	59032.
36	9396.	9396.	40736.	50132.	78807.	88203.
37	8922.	8922.	35248.	44170.	83020.	91942.
38	9286.	9286.	35891.	45177.	81048.	90334.
39	9063.	9063.	42855.	51918.	99598.	108661.
40	7011.	8210.	32790.	41000.	82776.	90986.
41	7515.	8022.	34750.	42772.	79593.	87615.
42	7607.	8007.	35865.	43872.	83479.	91486.
43	8008.	7886.	51871.	59757.	111757.	119643.
44	7463.	7646.	44911.	52557.	108697.	116343.
45	7002.	7757.	34414.	42171.	89185.	96942.
46	6990.	7917.	31655.	39572.	80541.	88458.
47	7062.	8055.	26816.	34871.	69602.	77657.
48	7518.	8021.	27136.	35157.	67822.	75843.
49	7174.	7062.	25281.	32343.	70309.	77371.
50	7995.	5827.	26258.	32085.	78430.	84257.
51	9532.	6467.	51445.	57912.	149859.	156326.
52	7920.	7920.	27130.	35050.	78130.	86050.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND  
SUSITNA STATION FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON- SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON- SUSITNA STA.	TOTAL FLOW SUSITNA STA.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1983 1	7486.	7486.	16609.	24095.	45466.	52952.
2	7372.	7372.	11936.	19308.	28807.	36179.
3	7397.	7397.	8737.	16134.	22752.	30149.
4	7336.	7336.	8738.	16074.	18724.	26060.
5	7414.	7414.	7683.	15097.	16097.	23511.
6	7761.	7761.	6553.	14314.	14267.	22028.
7	8133.	8133.	5756.	13889.	12685.	20818.
8	10505.	10505.	4989.	15494.	11417.	21922.
9	10915.	10915.	4551.	15466.	10051.	20966.
10	11463.	11463.	4072.	15535.	8858.	20321.
11	11737.	11737.	3787.	15524.	7801.	19538.
12	11401.	11401.	3358.	14759.	6944.	18345.
13	10788.	10788.	3455.	14243.	6640.	17428.
14	10483.	10483.	3945.	14428.	7431.	17914.
15	10422.	10422.	3218.	13640.	6261.	16683.
16	10389.	10389.	2869.	13258.	5883.	16272.
17	10346.	10346.	2817.	13163.	5946.	16292.
18	10313.	10313.	2787.	13100.	5787.	16100.
19	10285.	10285.	2745.	13030.	5917.	16202.
20	10268.	10268.	3041.	13309.	6698.	16966.
21	10216.	10216.	2844.	13060.	7287.	17503.
22	10073.	10073.	2365.	12438.	6608.	16681.
23	9501.	9501.	2119.	11620.	5890.	15391.
24	9137.	9137.	1884.	11021.	5455.	14592.
25	8770.	8770.	1695.	10465.	5223.	13993.
26	8533.	8533.	1687.	10220.	5173.	13706.
27	8364.	8364.	1816.	10180.	5202.	13566.
28	8083.	8083.	1920.	10003.	5077.	13160.
29	7771.	7771.	2304.	10075.	5290.	13061.
30	7370.	7370.	3356.	10726.	7099.	14469.
31	7199.	7199.	5733.	12932.	15690.	22889.
32	7838.	7838.	13267.	21105.	44882.	52720.
33	9172.	9172.	23024.	32196.	63110.	72282.
34	8555.	8555.	21747.	30302.	53461.	62016.
35	9264.	9264.	27704.	36968.	65290.	74554.
36	8332.	8332.	29941.	38273.	81412.	89744.
37	8326.	8356.	26329.	34685.	58201.	66557.
38	8580.	8550.	33698.	42248.	83469.	92019.
39	8495.	8495.	40406.	48901.	99249.	107744.
40	7757.	7861.	39211.	47072.	93482.	101343.
41	7542.	8018.	38068.	46086.	90839.	98857.
42	7080.	8180.	30448.	38628.	81848.	90028.
43	7240.	8115.	29270.	37385.	71813.	79928.
44	8487.	7930.	32127.	40057.	75256.	83186.
45	9141.	7802.	49812.	57614.	119755.	127557.
46	8803.	8143.	40866.	49009.	89937.	98080.
47	8435.	8435.	28422.	36857.	69036.	77471.
48	8853.	8853.	28230.	37083.	59645.	68498.
49	8805.	8805.	27509.	36314.	55938.	64743.
50	8509.	8509.	16054.	24563.	38768.	47277.
51	8581.	8581.	11927.	20508.	32527.	41108.
52	8817.	8817.	10840.	19657.	29890.	38707.

**TABLE 12**

TABLE 12

## FLOW DURATION DATA AT WATANA DAMSITE 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	10959	0.0	8477	0.0	6332
3.0	10239	3.0	8003	9.1	6017
6.1	8939	9.1	7132	12.1	5717
15.2	8352	15.2	6733	21.2	5433
18.2	7803	24.2	6356	24.2	5162
33.3	7291	33.3	6001	36.4	4661
36.4	6812	42.4	5665	39.4	4429
45.5	6365	45.5	5348	42.4	3999
51.5	5947	54.5	4766	45.5	3800
60.6	5556	63.6	4499	63.6	3611
66.7	5191	69.7	4247	69.7	3431
69.7	4850	78.8	4010	75.8	3260
81.8	4532	81.8	3785	78.8	2943
87.9	4234	93.9	3185	87.9	2797
93.9	3956	97.0	3006	90.9	2658
97.0	3227	100.0	2838	93.9	2525
100.0	3015			100.0	2400

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	6634	0.0	4088	0.0	3702
3.0	5711	12.1	3389	6.1	3485
6.1	5300	21.2	3184	12.1	2907
9.1	4918	24.2	2991	21.2	2737
12.1	4563	30.3	2810	27.3	2576
18.2	4234	54.5	2639	33.3	2425
27.3	3929	57.6	2480	45.5	2283
39.4	3645	66.7	2329	57.6	2149
45.5	3383	69.7	2188	63.6	2023
51.5	3139	78.8	2056	72.7	1793
60.6	2912	81.8	1931	78.8	1688
72.7	2702	84.8	1704	84.8	1496
78.8	2507	87.9	1504	90.9	1248
84.8	2159	93.9	1327	100.0	1175
87.9	2003	100.0	1247		
93.9	1725				
100.0	1600				

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE 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	4124	0.0	2952	0.0	2814
3.0	3027	3.0	2763	9.1	2460
6.1	2802	12.1	2587	12.1	2301
12.1	2593	18.2	2421	18.2	2151
24.2	2400	27.3	2266	36.4	2012
33.3	2222	36.4	2121	45.5	1881
45.5	2056	45.5	1986	51.5	1759
51.5	1903	48.5	1859	57.6	1538
66.7	1762	54.5	1740	69.7	1438
69.7	1631	60.6	1629	75.8	1345
75.8	1509	63.6	1525	78.8	1258
84.8	1397	72.7	1427	81.8	1176
87.9	1293	81.8	1250	87.9	1028
90.9	1197	90.9	1096	93.9	962
93.9	1108	97.0	899	97.0	841
97.0	1025	100.0	841	100.0	786
100.0	949				

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	2994	0.0	2554	0.0	1957
3.0	2398	3.0	2228	12.1	1853
6.1	2227	6.1	2081	21.2	1754
15.2	2068	15.2	1944	30.3	1661
21.2	1921	24.2	1815	42.4	1573
33.3	1784	36.4	1696	45.5	1489
45.5	1657	48.5	1584	51.5	1410
48.5	1539	51.5	1382	54.5	1264
54.5	1429	57.6	1291	63.6	1197
60.6	1327	69.7	1205	72.7	1133
69.7	1232	72.7	1126	75.8	1073
75.8	1144	75.8	1052	81.8	962
78.8	1063	81.8	982	84.8	911
84.8	987	84.8	917	90.9	863
87.9	917	93.9	800	93.9	732
90.9	851	97.0	748	100.0	693
97.0	791	100.0	698		
100.0	734				

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE 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	1967	0.0	2203	0.0	1908
3.0	1861	3.0	1939	3.0	1801
15.2	1761	6.1	1819	6.1	1701
24.2	1666	15.2	1707	27.3	1605
30.3	1576	27.3	1601	36.4	1431
39.4	1491	33.3	1502	42.4	1351
51.5	1411	39.4	1409	48.5	1204
54.5	1335	51.5	1322	57.6	1137
57.6	1263	54.5	1241	66.7	1073
60.6	1195	57.6	1164	72.7	903
69.7	1130	66.7	1092	78.8	853
75.8	1069	72.7	961	90.9	805
81.8	957	75.8	902	93.9	677
84.8	905	84.8	846	100.0	639
87.9	857	90.9	794		
90.9	810	93.9	699		
93.9	725	100.0	655		
100.0	686				

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	1963	0.0	2120	0.0	2144
3.0	1844	3.0	1855	3.0	1752
6.1	1732	6.1	1736	9.1	1638
18.2	1627	15.2	1624	18.2	1532
24.2	1528	21.2	1519	21.2	1432
27.3	1435	24.2	1421	27.3	1339
36.4	1348	33.3	1330	36.4	1252
48.5	1266	48.5	1244	45.5	1170
51.5	1190	51.5	1164	48.5	1094
54.5	1117	60.6	1089	66.7	1023
69.7	1050	69.7	953	69.7	894
72.7	870	72.7	891	72.7	836
81.8	817	75.8	834	81.8	782
90.9	767	87.9	780	90.9	731
93.9	636	93.9	639	93.9	639
100.0	597	100.0	597	100.0	597

TABLE 12 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE 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	1913	0.0	1652	0.0	1687
3.0	1689	6.1	1564	3.0	1596
6.1	1587	9.1	1482	6.1	1510
15.2	1401	12.1	1329	9.1	1278
18.2	1317	15.2	1259	21.2	1210
24.2	1237	36.4	1192	33.3	1144
39.4	1163	39.4	1129	36.4	1083
45.5	1093	42.4	1070	48.5	1024
57.6	1027	54.5	1013	54.5	969
63.6	852	63.6	861	57.6	917
72.7	800	66.7	815	63.6	821
78.8	752	72.7	772	69.7	776
87.9	707	84.8	731	84.8	695
90.9	664	87.9	693	90.9	657
93.9	624	90.9	621	93.9	622
100.0	586	100.0	588	100.0	588

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	1585	0.0	1562	0.0	1562
6.1	1428	6.1	1485	3.0	1483
9.1	1221	9.1	1279	6.1	1409
24.2	1159	12.1	1216	9.1	1338
27.3	1100	21.2	1157	12.1	1271
36.4	1044	27.3	1101	18.2	1207
39.4	991	30.3	1047	24.2	1147
54.5	941	39.4	996	30.3	1089
57.6	805	42.4	948	33.3	1035
69.7	764	45.5	901	42.4	933
78.8	725	57.6	857	45.5	887
84.8	688	60.6	816	57.6	842
87.9	653	63.6	738	63.6	760
93.9	620	69.7	702	66.7	722
100.0	588	81.8	668	75.8	685
		87.9	635	84.8	651
		100.0	604	90.9	618
				100.0	587

TABLE 12 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE 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	1562	0.0	1562	0.0	1619
6.1	1392	6.1	1392	6.1	1338
12.1	1314	9.1	1314	9.1	1256
18.2	1241	18.2	1241	21.2	1179
24.2	1171	24.2	1171	27.3	1107
30.3	1044	33.3	1044	36.4	1039
33.3	986	36.4	986	39.4	975
39.4	931	42.4	931	45.5	915
51.5	878	54.5	878	48.5	859
60.6	829	60.6	829	54.5	806
63.6	739	63.6	739	66.7	757
72.7	698	72.7	698	69.7	710
84.8	659	84.8	659	75.8	667
90.9	622	90.9	622	84.8	626
97.0	554	97.0	554	90.9	551
100.0	523	100.0	523	93.9	517
				100.0	486

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	1619	0.0	1785	0.0	1909
3.0	1519	3.0	1601	9.1	1802
6.1	1338	6.1	1436	12.1	1702
12.1	1256	15.2	1361	18.2	1607
21.2	1179	21.2	1289	24.2	1517
30.3	1107	27.3	1221	27.3	1432
42.4	975	39.4	1156	42.4	1352
48.5	915	45.5	1095	51.5	1277
51.5	859	51.5	982	57.6	1205
60.6	806	57.6	930	63.6	1014
66.7	757	60.6	881	66.7	958
69.7	710	72.7	835	78.8	904
81.8	667	81.8	791	81.8	854
87.9	626	87.9	749	87.9	806
93.9	517	90.9	709	90.9	718
100.0	486	93.9	672	93.9	678
		100.0	636	100.0	640

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE 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	10017	0.0	17584	0.0	17852
3.0	6286	3.0	14610	15.2	15052
6.1	5381	12.1	12139	33.3	12691
15.2	4607	18.2	10086	54.5	10701
18.2	3944	30.3	8381	69.7	9023
27.3	3377	33.3	6963	81.8	7608
36.4	2891	42.4	5786	84.8	5409
45.5	2475	51.5	4807	87.9	4560
63.6	2119	63.6	3994	90.9	2305
66.7	1814	72.7	3319	93.9	1639
81.8	1553	81.8	2758	97.0	828
84.8	1330	87.9	2291	100.0	698
90.9	1138	90.9	1582		
93.9	974	93.9	1314		
97.0	611	97.0	626		
100.0	523	100.0	520		

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	27088	0.0	31998	0.0	66820
9.1	23299	3.0	29435	3.0	38348
18.2	20040	12.1	27078	6.1	31868
33.3	17236	18.2	24910	15.2	29050
54.5	14825	27.3	22915	24.2	26482
60.6	12751	30.3	21080	36.4	24141
75.8	10968	36.4	19392	45.5	22007
87.9	8114	45.5	17839	57.6	20062
90.9	3819	60.6	16410	69.7	18289
97.0	1798	72.7	15096	78.8	16672
100.0	1546	78.8	13887	84.8	15198
		84.8	12775	90.9	13855
		87.9	11752	93.9	12630
		93.9	10811	100.0	11513
		97.0	7122		
		100.0	6551		

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE 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	49514	0.0	42338	0.0	33373
3.0	46007	3.0	39594	3.0	30373
6.1	42748	6.1	32384	6.1	28976
9.1	39721	21.2	30285	15.2	27642
12.1	36908	30.3	26486	21.2	26371
18.2	31865	39.4	24770	24.2	25157
21.2	29608	48.5	23164	27.3	24000
36.4	27511	51.5	21663	42.4	22895
39.4	25563	57.6	20259	48.5	21842
48.5	23752	63.6	18946	51.5	20837
51.5	22070	72.7	17718	72.7	19878
57.6	20507	81.8	16569	78.8	18964
72.7	19055	87.9	13552	81.8	17259
78.8	17705	93.9	12674	90.9	14985
81.8	16451	100.0	11852	93.9	14295
84.8	15286			100.0	13637
90.9	14203				
93.9	13197				
100.0	12263				

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	29690	0.0	33294	0.0	32549
3.0	27226	6.1	26725	6.1	28397
6.1	26072	12.1	25576	12.1	27134
12.1	24967	21.2	24476	15.2	25927
21.2	23909	24.2	23424	18.2	24774
27.3	22895	33.3	22416	27.3	22620
39.4	21925	42.4	21452	39.4	21614
45.5	20105	51.5	19647	51.5	20653
60.6	19253	57.6	18802	57.6	19734
72.7	18437	69.7	17994	63.6	18857
75.8	17656	75.8	17220	72.7	17217
84.8	16907	87.9	15771	81.8	16451
87.9	15504	93.9	15093	90.9	15720
90.9	14847	100.0	14444	93.9	15021
93.9	14218			97.0	14353
97.0	13615			100.0	13714
100.0	13038				

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE 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	29036	0.0	32862	0.0	38984
9.1	26925	6.1	31117	3.0	30520
15.2	25928	9.1	29465	6.1	27005
18.2	24967	12.1	27901	9.1	25402
21.2	24042	15.2	25017	12.1	23894
27.3	23152	24.2	23689	21.2	22476
33.3	22294	30.3	22431	24.2	21142
39.4	21468	42.4	21240	39.4	19887
42.4	20673	60.6	20113	60.6	18706
48.5	19170	63.6	19045	69.7	16551
51.5	18460	75.8	18034	84.8	15569
63.6	17776	84.8	17077	87.9	14645
75.8	17118	90.9	16170	97.0	12958
78.8	16484	93.9	15311	100.0	12189
84.8	15873	97.0	12310		
87.9	15285	100.0	11656		
97.0	14719				
100.0	14174				
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	44253	0.0	34155	0.0	34180
3.0	39942	3.0	30909	6.1	25060
6.1	36051	6.1	25312	9.1	22597
9.1	26507	12.1	22907	18.2	20376
12.1	21594	18.2	20729	24.2	18373
33.3	19490	27.3	18759	39.4	16567
51.5	17592	45.5	16976	42.4	14939
60.6	15878	60.6	15362	57.6	13471
81.8	14331	75.8	13902	63.6	12147
90.9	12935	81.8	12581	84.8	10953
97.0	6993	90.9	11385	90.9	9876
100.0	6312	97.0	5659	93.9	8906
		100.0	5121	97.0	5309
				100.0	4787

TABLE 12 (Continued)

## FLOW DURATION DATA AT WATANA DAMSITE FOR NATURAL CONDITIONS

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	24556	0.0	22593
6.1	22641	3.0	17566
9.1	19247	6.1	16153
18.2	16363	21.2	14854
27.3	15087	27.3	13659
39.4	13910	33.3	12560
45.5	11825	48.5	11549
57.6	10903	51.5	10620
60.6	10053	57.6	9766
75.8	9269	72.7	8980
87.9	8546	75.8	8257
90.9	6699	81.8	7593
97.0	5695	90.9	6982
100.0	5251	93.9	5429
		97.0	4992
		100.0	4590

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	21031	0.0	18346	20967
3.0	16141	3.0	15318	17506
24.2	12388	6.1	13996	15996
30.3	11342	9.1	12789	14616
39.4	10384	15.2	11686	13355
54.5	9507	21.2	10678	12203
66.7	8705	39.4	9756	11150
72.7	7970	45.5	8915	10188
78.8	7297	54.5	8146	9309
81.8	6681	66.7	7443	8506
87.9	6117	69.7	6801	7773
90.9	5600	72.7	6214	7102
97.0	4298	75.8	5678	6489
100.0	3935	84.8	5188	5930
		87.9	4741	5418
		93.9	4332	4951
		97.0	3617	4133
		100.0	3305	3777

<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 13**

TABLE 13

## FLOW DURATION DATA AT DEVIL CANYON 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	13648	0.0	9567	0.0	7601
3.0	11865	6.1	8579	6.1	7202
6.1	10315	18.2	8124	9.1	6824
15.2	9617	24.2	7693	18.2	6466
27.3	8967	30.3	7285	21.2	6126
33.3	8361	36.4	6899	30.3	5805
39.4	7796	45.5	6533	36.4	5212
48.5	7269	48.5	6187	42.4	4679
54.5	6777	51.5	5859	54.5	4433
66.7	6319	60.6	5548	63.6	4201
72.7	5892	63.6	5254	72.7	3980
75.8	5493	72.7	4975	78.8	3574
81.8	5122	75.8	4462	84.8	3386
87.9	4776	90.9	4225	87.9	3208
93.9	4453	93.9	3789	90.9	3040
97.0	3871	97.0	3588	97.0	2880
100.0	3609	100.0	3398	100.0	2729

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	7383	0.0	4890	0.0	4152
3.0	6859	9.1	4576	12.1	3676
6.1	5919	12.1	4283	18.2	3459
9.1	5498	18.2	3751	21.2	3063
15.2	5108	24.2	3511	30.3	2882
24.2	4745	33.3	3286	39.4	2712
30.3	4408	51.5	3075	51.5	2552
51.5	3804	57.6	2878	60.6	2401
63.6	3533	63.6	2694	69.7	2259
66.7	3282	72.7	2521	72.7	2126
78.8	3049	78.8	2359	78.8	2001
81.8	2832	81.8	2208	81.8	1882
84.8	2271	84.8	1934	84.8	1667
93.9	2109	87.9	1694	90.9	1476
97.0	1959	93.9	1585	93.9	1389
100.0	1820	97.0	1484	100.0	1307
		100.0	1389		

TABLE 13 (Continued)

## FLOW DURATION DATA AT DEVIL CANYON 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	4626	0.0	3312	0.0	3224
3.0	3668	6.1	3100	6.1	3012
9.1	3142	15.2	2902	9.1	2813
18.2	2908	27.3	2716	12.1	2628
27.3	2692	33.3	2542	30.3	2454
39.4	2491	42.4	2379	39.4	2292
48.5	2306	48.5	2227	45.5	2141
57.6	2134	54.5	2084	54.5	2000
69.7	1975	57.6	1951	57.6	1868
72.7	1828	63.6	1826	60.6	1745
81.8	1692	72.7	1709	72.7	1630
84.8	1566	75.8	1600	75.8	1522
87.9	1450	81.8	1497	78.8	1422
93.9	1242	84.8	1401	84.8	1241
97.0	1150	90.9	1312	90.9	1159
100.0	1064	93.9	1228	93.9	1082
		97.0	1007	97.0	944
		100.0	942	100.0	882

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	3872	0.0	3303	0.0	2462
3.0	2806	3.0	2640	6.1	2320
6.1	2589	6.1	2450	12.1	2185
18.2	2389	15.2	2273	21.2	2059
30.3	2204	30.3	2109	33.3	1939
33.3	2034	39.4	1957	39.4	1827
45.5	1877	45.5	1816	48.5	1721
54.5	1598	51.5	1686	51.5	1621
69.7	1474	54.5	1564	54.5	1528
75.8	1360	66.7	1452	63.6	1439
78.8	1255	75.8	1250	72.7	1356
81.8	1158	78.8	1160	75.8	1277
84.8	1068	84.8	1076	78.8	1203
90.9	986	90.9	999	81.8	1068
93.9	909	93.9	860	87.9	1006
100.0	839	100.0	798	90.9	948
				93.9	841
				100.0	792

TABLE 13 (Continued)

FLOW DURATION DATA AT DEVIL CANYON 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	2276	0.0	2572	0.0	2227
12.1	2149	3.0	2252	6.1	2097
15.2	2028	12.1	2108	12.1	1975
27.3	1914	18.2	1973	21.2	1860
36.4	1807	24.2	1846	33.3	1751
48.5	1706	36.4	1617	39.4	1649
51.5	1610	51.5	1514	42.4	1552
54.5	1520	54.5	1417	48.5	1462
60.6	1434	63.6	1326	54.5	1377
72.7	1354	69.7	1241	63.6	1296
75.8	1206	72.7	1087	69.7	1149
81.8	1075	78.8	1017	72.7	1082
87.9	958	81.8	952	75.8	1019
93.9	805	90.9	891	78.8	960
100.0	760	93.9	780	90.9	903
		100.0	730	93.9	801
				97.0	754
				100.0	710

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	2270	0.0	2296	0.0	2264
3.0	2128	6.1	2151	3.0	2122
12.1	1994	9.1	2015	9.1	1989
18.2	1869	12.1	1887	12.1	1865
24.2	1752	24.2	1656	18.2	1748
27.3	1642	36.4	1551	21.2	1638
42.4	1539	48.5	1452	27.3	1536
48.5	1442	54.5	1360	39.4	1440
54.5	1352	60.6	1274	45.5	1349
66.7	1267	66.7	1194	54.5	1265
69.7	1187	72.7	1047	63.6	1186
72.7	1043	75.8	981	66.7	1111
75.8	977	81.8	919	72.7	976
81.8	916	90.9	861	75.8	915
90.9	858	93.9	755	87.9	858
93.9	754	97.0	707	90.9	804
97.0	707	100.0	662	93.9	754
100.0	662			97.0	707
				100.0	662

TABLE 13 (Continued)

FLOW DURATION DATA AT DEVIL CANYON 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	2242	0.0	1904	0.0	1944
6.1	1971	9.1	1802	3.0	1841
9.1	1848	12.1	1615	9.1	1564
15.2	1625	18.2	1529	18.2	1481
21.2	1523	24.2	1448	24.2	1403
27.3	1428	36.4	1371	30.3	1329
42.4	1339	42.4	1297	45.5	1259
54.5	1256	48.5	1228	48.5	1192
60.6	1177	60.6	1163	54.5	1129
63.6	1035	63.6	934	63.6	959
66.7	970	78.8	884	69.7	908
75.8	910	81.8	837	81.8	860
81.8	853	84.8	792	84.8	772
84.8	800	90.9	750	87.9	731
90.9	750	93.9	710	100.0	692
97.0	703	100.0	672		
100.0	659				

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	1823	0.0	1781	0.0	1781
6.1	1732	9.1	1534	3.0	1693
9.1	1487	12.1	1460	6.1	1609
18.2	1413	15.2	1389	9.1	1529
24.2	1343	21.2	1321	18.2	1381
27.3	1276	30.3	1257	27.3	1313
36.4	1213	33.3	1196	30.3	1248
48.5	1152	39.4	1138	33.3	1186
54.5	1095	45.5	1083	39.4	1127
57.6	1041	48.5	1031	48.5	1018
60.6	989	54.5	981	54.5	968
63.6	893	60.6	888	60.6	874
75.8	849	72.7	845	72.7	831
81.8	807	78.8	804	78.8	790
84.8	767	81.8	765	84.8	751
90.9	729	84.8	728	87.9	714
100.0	692	100.0	692	100.0	678

TABLE 13 (Continued)

## FLOW DURATION DATA AT DEVIL CANYON 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	1893	0.0	1893	0.0	1998
3.0	1783	3.0	1783	3.0	1860
6.1	1679	6.1	1679	6.1	1502
9.1	1581	9.1	1581	21.2	1398
15.2	1489	15.2	1489	27.3	1302
18.2	1402	18.2	1402	36.4	1212
24.2	1321	27.3	1321	39.4	1129
30.3	1244	33.3	1244	45.5	978
33.3	1171	36.4	1171	57.6	911
36.4	1103	39.4	1103	66.7	848
48.5	1039	48.5	1039	75.8	790
54.5	978	54.5	978	81.8	735
60.6	921	60.6	921	84.8	685
63.6	868	63.6	868	90.9	637
78.8	817	81.8	817	93.9	593
84.8	770	84.8	770	97.0	553
87.9	725	87.9	725	100.0	514
93.9	683	93.9	683		
97.0	643	97.0	643		
100.0	605	100.0	605		
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	1998	0.0	2203	0.0	2237
3.0	1732	3.0	1835	9.1	2103
6.1	1613	9.1	1625	12.1	1977
9.1	1502	15.2	1529	21.2	1859
21.2	1398	24.2	1438	27.3	1643
27.3	1302	36.4	1353	42.4	1545
36.4	1212	48.5	1273	54.5	1452
42.4	1129	51.5	1198	57.6	1284
45.5	1051	54.5	1061	66.7	1207
48.5	978	63.6	998	69.7	1134
60.6	911	81.8	883	78.8	1067
69.7	848	87.9	831	81.8	1003
81.8	790	90.9	782	87.9	886
84.8	735	93.9	736	90.9	783
87.9	685	100.0	692	97.0	736
93.9	593			100.0	692
97.0	553				
100.0	514				

TABLE 13 (Continued)

FLOW DURATION DATA AT DEVIL CANYON 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	11694	0.0	19258	0.0	20961
3.0	7296	12.1	13375	15.2	17660
6.1	6234	21.2	11147	36.4	14879
15.2	5327	30.3	9289	51.5	12536
18.2	4552	33.3	7741	72.7	10562
24.2	3890	42.4	6452	78.8	8899
36.4	3324	51.5	5377	84.8	7498
51.5	2840	63.6	4481	87.9	5322
66.7	2427	75.8	3734	90.9	2682
75.8	2074	81.8	3112	93.9	1904
81.8	1772	87.9	2593	97.0	959
87.9	1514	90.9	1801	100.0	808
93.9	1106	93.9	1501		
97.0	690	97.0	724		
100.0	589	100.0	603		

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	31629	0.0	39426	0.0	74558
9.1	27190	3.0	36217	3.0	46403
21.2	23375	6.1	33268	6.1	38385
33.3	20095	12.1	30559	9.1	34912
51.5	17275	18.2	28071	18.2	31753
63.6	14851	27.3	25786	24.2	28880
69.7	12767	33.3	23686	39.4	26267
87.9	9435	39.4	21758	51.5	23890
90.9	4430	51.5	19987	66.7	21729
97.0	2080	75.8	18359	72.7	19762
100.0	1788	78.8	16865	84.8	17974
		84.8	15492	87.9	16348
		90.9	13072	93.9	13523
		93.9	12007	100.0	12300
		97.0	8549		
		100.0	7853		

TABLE 13 (Continued)

## FLOW DURATION DATA AT DEVIL CANYON 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	56066	0.0	47939	0.0	37466
3.0	52038	3.0	44785	3.0	34123
6.1	44828	6.1	36514	6.1	32566
12.1	41607	24.2	34111	15.2	31079
18.2	35843	30.3	31867	24.2	29660
21.2	33267	33.3	29770	27.3	27014
39.4	28659	39.4	27811	42.4	25781
48.5	26599	51.5	24272	48.5	24604
54.5	24688	60.6	22675	60.6	23481
57.6	22914	66.7	21183	72.7	22409
69.7	21268	78.8	18487	75.8	21386
78.8	19740	84.8	17271	81.8	19479
81.8	18321	87.9	15073	87.9	18589
84.8	17005	97.0	14081	90.9	16158
87.9	15783	100.0	13155	100.0	15421
97.0	14649				
100.0	13596				
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	32827	0.0	38176	0.0	37320
3.0	29945	6.1	30570	3.0	35538
9.1	28600	12.1	29241	6.1	32225
18.2	27315	18.2	27970	9.1	30686
27.3	26089	21.2	25591	15.2	27825
30.3	24917	33.3	24479	27.3	26497
42.4	23798	45.5	23415	30.3	25231
48.5	22729	51.5	22397	33.3	24026
54.5	21709	54.5	21424	48.5	22879
63.6	20734	57.6	20493	57.6	21786
78.8	19803	72.7	19602	63.6	20746
81.8	18913	81.8	18750	72.7	19755
87.9	18064	84.8	17935	75.8	18812
90.9	16478	93.9	17155	81.8	17914
97.0	14356	100.0	16410	93.9	17058
100.0	13711			97.0	15468
				100.0	14729

TABLE 13 (Continued)

## FLOW DURATION DATA AT DEVIL CANYON 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	33291	0.0	36864	0.0	43049
6.1	31913	6.1	34852	3.0	35768
9.1	30591	9.1	32950	6.1	27938
15.2	29325	12.1	31151	15.2	26264
18.2	26946	15.2	29451	24.2	24691
30.3	25830	21.2	27844	36.4	23212
33.3	24761	24.2	26324	39.4	21822
42.4	23735	30.3	24887	60.6	20515
48.5	20907	45.5	23529	69.7	19286
54.5	20042	54.5	22245	78.8	18131
72.7	19212	66.7	21030	90.9	17045
75.8	18416	78.8	19883	93.9	16024
81.8	17653	87.9	18797	97.0	14162
87.9	16922	90.9	17771	100.0	13314
90.9	16222	93.9	16802		
97.0	15550	97.0	13423		
100.0	14906	100.0	12690		

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	51333	0.0	40797	0.0	39803
3.0	46187	3.0	36745	6.1	25962
6.1	41556	6.1	29810	15.2	23331
9.1	30268	9.1	26849	24.2	20967
12.1	24503	12.1	24183	39.4	18843
24.2	22046	24.2	21782	45.5	16934
48.5	19836	42.4	19619	54.5	15218
60.6	17847	60.6	17670	60.6	13676
84.8	16057	72.7	15916	81.8	12290
90.9	14447	81.8	14335	90.9	11045
97.0	7665	90.9	12912	97.0	5818
100.0	6896	97.0	6209	100.0	5229
		100.0	5592		

TABLE 13 (Continued)

## FLOW DURATION DATA AT DEVIL CANYON FOR NATURAL CONDITIONS

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	28282	0.0	26613
6.1	26047	3.0	20549
9.1	22093	9.1	18851
15.2	18739	18.2	17295
24.2	17258	24.2	15866
36.4	15894	30.3	14556
42.4	14638	45.5	13354
51.5	13481	57.6	12251
57.6	12416	63.6	11239
63.6	11434	72.7	10311
72.7	10531	75.8	9459
87.9	8932	81.8	8678
90.9	8226	90.9	7961
93.9	7576	93.9	6147
97.0	6426	97.0	5640
100.0	5918	100.0	5174

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	24737	0.0	20612	23556
3.0	20644	3.0	18837	21528
6.1	18858	6.1	15733	17980
21.2	17228	12.1	14378	16432
24.2	14377	18.2	13140	15017
27.3	13134	27.3	12009	13724
39.4	11998	42.4	10030	11463
57.6	10961	54.5	9166	10476
69.7	10013	66.7	8377	9574
72.7	9147	69.7	7656	8749
81.8	7633	75.8	6394	7307
87.9	6973	81.8	5843	6678
90.9	6370	87.9	5340	6103
97.0	4857	97.0	4076	4659
100.0	4437	100.0	3725	4257

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 14**

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=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 <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	26584	0.0	25068	28649
2.9	22162	2.9	22910	26183
8.8	20235	5.9	19135	21868
23.5	15403	14.7	17487	19986
29.4	14064	20.6	15982	18265
41.2	12841	26.5	14606	16692
55.9	11724	38.2	13348	15255
67.6	10705	44.1	12199	13942
70.6	9774	52.9	11149	12742
79.4	8148	67.6	10189	11645
85.3	7440	70.6	9312	10642
91.2	6793	73.5	7777	8888
97.1	5171	82.3	7108	8123
100.0	4721	88.2	6496	7424
		97.1	4958	5667
		100.0	4531	5179

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 15**

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	4509	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	4728
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 <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	76233	0.0	79129	90433
2.9	52508	2.9	48651	55601
8.8	43578	8.8	44141	50447
17.6	39700	11.8	40049	45770
20.6	36167	23.5	36337	41528
35.3	32948	32.3	32968	37678
47.1	30016	38.2	29912	34185
55.9	27345	47.1	27139	31016
67.6	24911	64.7	24623	28141
76.5	22694	79.4	22341	25532
91.2	18835	85.3	18391	21018
97.1	14240	91.2	15139	17302
100.0	12973	94.1	13736	15698
		100.0	12463	14243

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 16**

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 <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	174746	0.0	116180	132777
2.9	147415	5.9	107880	123291
8.8	114220	20.6	100172	114482
11.8	104908	23.5	93015	106303
14.7	96356	32.3	86369	98708
26.5	88500	35.3	80199	91656
32.3	81285	38.2	74469	85107
41.2	74658	41.2	69148	79027
44.1	68572	47.1	64208	73380
52.9	62981	52.9	59620	68138
67.6	57847	61.8	55361	63269
73.5	53131	64.7	51405	58749
79.4	44821	73.5	47733	54552
88.2	41167	76.5	44322	50654
91.2	37811	82.3	41156	47035
100.0	34728	88.2	38215	43675
		91.2	35485	40554
		94.1	30596	34966
		100.0	28410	32468

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 17**

TABLE 17

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10959	0.0	8477	0.0	6627
3.0	9976	3.0	7993	6.1	6363
6.1	8664	6.1	7762	9.1	6193
18.2	7887	9.1	7106	15.2	6110
33.3	7525	12.1	6900	18.2	6028
36.4	6850	15.2	6700	24.2	5947
45.5	6235	24.2	6134	27.3	5788
51.5	5949	33.3	5956	30.3	5711
57.6	5676	42.4	5616	33.3	5634
63.6	5416	45.5	5453	36.4	5558
66.7	5167	51.5	5295	39.4	5483
72.7	4930	57.6	5142	48.5	5410
78.8	4703	93.9	4993	60.6	5337
100.0	4488	100.0	4848	84.8	5265
				97.0	5195
				100.0	5125

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	7035	0.0	6168	0.0	6451
3.0	6675	3.0	6094	3.0	6363
6.1	5854	12.1	6021	6.1	6341
12.1	5777	27.3	5997	12.1	6319
36.4	5702	33.3	5972	21.2	6297
54.5	5627	51.5	5948	27.3	6275
81.8	5554	57.6	5924	36.4	6253
100.0	5482	69.7	5901	54.5	6231
		78.8	5877	57.6	6210
		84.8	5853	66.7	6188
		87.9	5830	81.8	6167
		90.9	5806	84.8	6146
		93.9	5783	87.9	6124
		97.0	5736	93.9	6082
		100.0	5713	97.0	6061
				100.0	6040

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6727	0.0	6997	0.0	7254
3.0	6620	3.0	6878	3.0	7125
6.1	6598	6.1	6858	12.1	7104
15.2	6577	15.2	6839	15.2	7083
18.2	6556	21.2	6819	27.3	7061
27.3	6535	30.3	6800	36.4	7040
42.4	6514	39.4	6781	48.5	7019
57.6	6493	48.5	6761	63.6	6998
66.7	6473	66.7	6723	69.7	6977
72.7	6452	81.8	6704	84.8	6956
81.8	6431	84.8	6684	87.9	6936
87.9	6410	90.9	6665	93.9	6915
90.9	6390	97.0	6646	97.0	6874
93.9	6349	100.0	6627	100.0	6853
100.0	6329				

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	7591	0.0	7762	0.0	7539
3.0	7472	3.0	7624	3.0	7401
9.1	7442	9.1	7597	9.1	7378
18.2	7413	18.2	7570	18.2	7355
33.3	7384	30.3	7543	24.2	7333
51.5	7355	54.5	7516	36.4	7310
69.7	7326	63.6	7489	51.5	7288
81.8	7297	81.8	7462	66.7	7266
87.9	7268	87.9	7436	78.8	7243
90.9	7239	93.9	7409	87.9	7221
97.0	7070	97.0	7278	93.9	7199
100.0	7042	100.0	7252	97.0	7133
				100.0	7111

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7131	0.0	6914	0.0	6899
3.0	6990	3.0	6785	3.0	6768
9.1	6970	9.1	6767	9.1	6750
18.2	6951	15.2	6749	15.2	6732
24.2	6931	24.2	6730	21.2	6713
30.3	6911	33.3	6712	39.4	6695
51.5	6891	45.5	6694	45.5	6677
66.7	6872	69.7	6676	69.7	6659
75.8	6852	72.7	6658	72.7	6640
81.8	6833	78.8	6640	78.8	6622
93.9	6794	84.8	6623	87.9	6604
97.0	6775	87.9	6605	90.9	6586
100.0	6755	93.9	6587	97.0	6568
		100.0	6569	100.0	6550

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	6882	0.0	6864	0.0	6840
3.0	6745	3.0	6723	3.0	6688
9.1	6726	9.1	6703	9.1	6669
18.2	6707	15.2	6683	18.2	6650
24.2	6688	27.3	6664	33.3	6632
42.4	6669	42.4	6644	36.4	6613
51.5	6649	51.5	6624	54.5	6595
72.7	6630	75.8	6605	75.8	6576
75.8	6611	81.8	6585	81.8	6558
84.8	6593	87.9	6566	90.9	6521
90.9	6574	90.9	6546	93.9	6503
93.9	6555	93.9	6527	100.0	6485
97.0	6536	97.0	6508		
100.0	6517	100.0	6489		

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6851	0.0	6816	0.0	6778
3.0	6701	3.0	6665	3.0	6625
9.1	6680	6.1	6647	6.1	6606
15.2	6659	12.1	6628	12.1	6587
24.2	6638	18.2	6610	18.2	6568
42.4	6617	33.3	6591	33.3	6549
51.5	6596	42.4	6573	42.4	6531
78.8	6575	51.5	6554	54.5	6512
84.8	6554	75.8	6536	75.8	6493
90.9	6513	81.8	6518	84.8	6475
97.0	6472	87.9	6500	97.0	6438
100.0	6452	93.9	6482	100.0	6420
		100.0	6464		

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	6694	0.0	6379	0.0	6164
3.0	6542	3.0	6214	3.0	6004
6.1	6523	12.1	6196	12.1	5987
12.1	6504	21.2	6178	21.2	5969
18.2	6486	36.4	6160	33.3	5952
33.3	6467	45.5	6142	45.5	5934
42.4	6449	57.6	6125	57.6	5917
54.5	6430	75.8	6107	72.7	5900
75.8	6412	87.9	6089	87.9	5883
84.8	6393	93.9	6071	93.9	5848
93.9	6375	97.0	6054	100.0	5831
97.0	6357	100.0	6036		
100.0	6339				

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	5947	0.0	5825	0.0	5768
3.0	5813	3.0	5691	3.0	5597
6.1	5794	6.1	5672	6.1	5576
15.2	5775	15.2	5653	27.3	5555
27.3	5756	30.3	5634	45.5	5534
42.4	5737	42.4	5615	57.6	5514
48.5	5719	51.5	5597	66.7	5493
66.7	5700	69.7	5578	78.8	5472
78.8	5681	78.8	5559	84.8	5452
87.9	5663	84.8	5541	93.9	5411
93.9	5626	93.9	5522	97.0	5391
97.0	5608	97.0	5486	100.0	5371
100.0	5589	100.0	5468		

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	5597	0.0	5421	0.0	5244
3.0	5449	3.0	5268	3.0	5085
6.1	5407	6.1	5247	9.1	5062
33.3	5386	9.1	5225	33.3	5040
45.5	5366	36.4	5204	36.4	5018
57.6	5345	45.5	5183	51.5	4996
66.7	5325	60.6	5162	60.6	4974
81.8	5304	72.7	5141	78.8	4952
84.8	5284	81.8	5120	90.9	4908
93.9	5244	93.9	5057	93.9	4865
97.0	5224	97.0	5037	97.0	4844
100.0	5204	100.0	5016	100.0	4822

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	4926	0.0	4745	0.0	4298
3.0	4823	15.2	4644	3.0	4177
12.1	4773	24.2	4546	9.1	4059
27.3	4723	42.4	4450	21.2	3945
42.4	4674	51.5	4356	48.5	3833
51.5	4625	63.6	4264	54.5	3725
63.6	4576	72.7	4086	63.6	3620
81.8	4529	75.8	3999	72.7	3518
87.9	4481	78.8	3915	81.8	3419
90.9	4342	87.9	3594	87.9	3229
93.9	4252	97.0	3230	90.9	3138
97.0	4077	100.0	3162	93.9	2719
100.0	4034			97.0	2568
				100.0	2496

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	4655	0.0	4453	0.0	6525
3.0	4134	6.1	4129	3.0	3127
27.3	3896	21.2	3828	9.1	2815
36.4	3671	33.3	3549	15.2	2534
51.5	3460	42.4	3290	24.2	2281
57.6	3260	54.5	3050	42.4	2054
66.7	3073	69.7	2828	57.6	1849
75.8	2896	78.8	2430	75.8	1665
81.8	2729	87.9	2253	81.8	1499
84.8	2572	90.9	2089	87.9	1349
90.9	2423	93.9	1795	97.0	984
93.9	2028	97.0	1140	100.0	886
97.0	1600	100.0	1057		
100.0	1507				

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7315	0.0	28812	0.0	29971
9.1	6484	3.0	21281	6.1	22138
18.2	5747	6.1	8576	9.1	16353
21.2	5094	12.1	7370	15.2	14055
27.3	4515	15.2	6334	18.2	7668
30.3	3144	36.4	5444	24.2	6591
39.4	2787	42.4	4679	48.5	5664
63.6	2470	45.5	4021	54.5	4868
75.8	2189	48.5	3456	57.6	4184
84.8	1941	60.6	2970	66.7	3596
93.9	1720	66.7	2553	78.8	3091
97.0	834	81.8	2194	84.8	2656
100.0	739	97.0	1885	90.9	2283
		100.0	1620	97.0	1962
				100.0	1686

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	24749	0.0	31404	0.0	31370
21.2	20779	3.0	27413	9.1	27974
30.3	17446	15.2	23928	15.2	24945
33.3	12298	27.3	20887	24.2	22244
36.4	7279	42.4	18232	45.5	19835
54.5	6111	45.5	15914	54.5	17688
75.8	5131	57.6	13892	63.6	12542
81.8	4308	60.6	7040	69.7	11184
90.9	3617	75.8	6145	72.7	7930
93.9	3037	90.9	5364	75.8	7072
97.0	1064	93.9	4682	87.9	6306
100.0	893	97.0	2718	90.9	5623
		100.0	2373	97.0	3987
				100.0	3555

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	30214	0.0	31660	0.0	31661
12.1	27072	12.1	24852	6.1	28396
21.2	24256	30.3	22018	9.1	25468
36.4	21733	54.5	19508	18.2	22842
45.5	19472	75.8	17283	24.2	20487
60.6	17447	81.8	12020	57.6	18375
69.7	15632	87.9	10650	69.7	16480
75.8	8088	90.9	6562	81.8	14781
78.8	7247	97.0	3582	90.9	6189
90.9	6493	100.0	3174	97.0	4465
93.9	5818			100.0	4005
97.0	4184				
100.0	3749				

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	31788	0.0	31904	0.0	32171
9.1	26114	12.1	25966	6.1	26743
12.1	21453	15.2	21134	9.1	24382
36.4	19444	27.3	19066	15.2	22230
51.5	17624	45.5	17201	21.2	20268
60.6	15974	57.6	15518	27.3	18479
78.8	14478	69.7	13999	39.4	16848
84.8	13123	78.8	12630	42.4	15361
90.9	7275	87.9	11394	45.5	14005
93.9	6594	90.9	7548	57.6	12769
97.0	5417	97.0	5000	72.7	11642
100.0	4910	100.0	4510	81.8	10614
				87.9	9677
				90.9	8823
				93.9	7334
				97.0	6097
				100.0	5558

TABLE 17 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	25498	0.0	22593
6.1	23519	3.0	17809
9.1	20010	6.1	16451
18.2	15703	21.2	14038
27.3	14484	30.3	12967
42.4	13360	42.4	11978
45.5	12323	48.5	11065
51.5	11367	57.6	10221
60.6	10484	66.7	9442
63.6	9671	72.7	8722
75.8	8920	75.8	8057
84.8	8228	84.8	7443
87.9	7000	87.9	6875
93.9	6457	90.9	6351
97.0	5956	93.9	5419
100.0	5494	100.0	5006

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	21031	0.0	18346	20967
3.0	16433	3.0	14670	16766
18.2	15136	6.1	13617	15562
24.2	11827	9.1	12639	14444
36.4	10893	15.2	11731	13407
48.5	10033	18.2	10888	12444
60.6	9241	27.3	10106	11550
66.7	8512	42.4	9380	10720
72.7	7840	48.5	8707	9950
78.8	6651	57.6	8081	9236
84.8	6126	66.7	7501	8572
87.9	5642	69.7	6462	7385
90.9	5197	72.7	5998	6855
97.0	4786	75.8	5567	6362
100.0	4409	87.9	5167	5905
		90.9	4796	5481
		100.0	4452	5087

<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the mean flow between Sept. 23 and 30, divided by 7.

**TABLE 18**

TABLE 18

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	13648	0.0	9567	0.0	7601
3.0	11744	6.1	8478	3.0	7401
6.1	10625	18.2	8226	6.1	7018
9.1	10106	21.2	7982	9.1	6834
15.2	9612	24.2	7744	12.1	6655
27.3	9143	27.3	7514	18.2	6480
30.3	8696	30.3	7074	21.2	6310
36.4	8272	36.4	6659	24.2	6145
39.4	7868	45.5	6269	57.6	5984
42.4	7483	51.5	6083	75.8	5827
48.5	7118	54.5	5902	78.8	5674
54.5	6770	78.8	5726	84.8	5380
63.6	6440	97.0	5556	87.9	5239
66.7	6125	100.0	5391	90.9	5102
72.7	5826			93.9	4838
97.0	5541			97.0	4711
100.0	5271			100.0	4587

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	7383	0.0	6614	0.0	6795
3.0	6902	3.0	6570	6.1	6758
6.1	6451	6.1	6548	9.1	6722
24.2	6308	9.1	6526	12.1	6704
63.6	6168	12.1	6504	15.2	6686
90.9	6031	15.2	6483	18.2	6668
97.0	4926	18.2	6461	24.2	6650
100.0	4816	21.2	6440	30.3	6632
		24.2	6418	39.4	6596
		36.4	6397	51.5	6579
		42.4	6376	63.6	6561
		48.5	6354	66.7	6543
		66.7	6333	78.8	6526
		69.7	6312	84.8	6508
		75.8	6291	87.9	6490
		84.8	6270	93.9	6473
		90.9	6229	100.0	6456
		100.0	6208		

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7017	0.0	7235	0.0	7453
3.0	7000	3.0	7191	6.1	7426
6.1	6984	6.1	7176	9.1	7399
9.1	6950	12.1	7161	15.2	7386
12.1	6917	15.2	7146	18.2	7359
18.2	6901	21.2	7117	24.2	7346
24.2	6884	24.2	7102	30.3	7319
27.3	6868	33.3	7087	39.4	7306
30.3	6851	39.4	7073	57.6	7292
36.4	6835	51.5	7058	66.7	7279
48.5	6818	66.7	7044	69.7	7252
54.5	6802	72.7	7029	75.8	7239
75.8	6770	75.8	7000	84.8	7226
81.8	6754	90.9	6986	97.0	7213
84.8	6737	97.0	6971	100.0	7200
93.9	6721	100.0	6957		
100.0	6705				
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	7934	0.0	8016	0.0	7684
3.0	7783	3.0	7909	3.0	7652
6.1	7758	9.1	7887	9.1	7636
12.1	7709	12.1	7866	15.2	7605
15.2	7684	15.2	7845	18.2	7589
21.2	7659	18.2	7824	27.3	7558
30.3	7635	27.3	7803	42.4	7542
45.5	7610	33.3	7782	51.5	7527
66.7	7586	45.5	7761	66.7	7511
75.8	7562	69.7	7740	72.7	7496
87.9	7538	75.8	7719	81.8	7481
97.0	7489	87.9	7698	87.9	7465
100.0	7466	93.9	7677	93.9	7450
		97.0	7636	97.0	7404
		100.0	7615	100.0	7389

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7230	0.0	7038	0.0	7024
12.1	7217	3.0	7013	3.0	6999
15.2	7178	6.1	6988	6.1	6962
27.3	7165	15.2	6976	9.1	6950
30.3	7152	24.2	6963	18.2	6938
42.4	7139	27.3	6951	24.2	6925
48.5	7126	36.4	6939	33.3	6913
57.6	7114	39.4	6926	39.4	6901
66.7	7101	45.5	6914	45.5	6889
69.7	7088	51.5	6902	51.5	6877
81.8	7075	54.5	6889	57.6	6865
87.9	7062	66.7	6877	66.7	6852
90.9	7049	75.8	6865	81.8	6840
93.9	7037	84.8	6853	84.8	6828
97.0	6999	90.9	6841	93.9	6804
100.0	6986	93.9	6828	100.0	6792
		97.0	6816		
		100.0	6804		

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	7002	0.0	6982	0.0	6957
3.0	6977	3.0	6944	3.0	6879
6.1	6940	6.1	6907	9.1	6867
9.1	6928	12.1	6894	12.1	6854
12.1	6916	15.2	6882	15.2	6841
15.2	6903	18.2	6869	18.2	6828
21.2	6891	21.2	6857	24.2	6815
27.3	6879	36.4	6845	45.5	6790
45.5	6867	48.5	6832	54.5	6777
51.5	6855	54.5	6820	69.7	6765
54.5	6843	60.6	6808	81.8	6752
66.7	6830	72.7	6795	90.9	6739
72.7	6818	84.8	6783	97.0	6727
84.8	6806	93.9	6758	100.0	6714
93.9	6782	100.0	6746		
100.0	6770				

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6962	0.0	6920	0.0	6882
3.0	6910	3.0	6815	3.0	6775
6.1	6870	6.1	6802	6.1	6762
9.1	6844	18.2	6789	12.1	6749
27.3	6832	27.3	6776	18.2	6736
30.3	6819	39.4	6763	27.3	6723
39.4	6806	45.5	6750	39.4	6709
45.5	6793	54.5	6737	51.5	6696
54.5	6780	66.7	6724	66.7	6683
63.6	6767	81.8	6712	81.8	6670
84.8	6754	93.9	6699	87.9	6657
93.9	6742	97.0	6686	97.0	6644
97.0	6729	100.0	6673	100.0	6631
100.0	6716				

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	6798	0.0	6472	0.0	6259
3.0	6678	3.0	6351	3.0	6139
6.1	6664	15.2	6337	12.1	6126
18.2	6651	21.2	6324	24.2	6113
21.2	6638	30.3	6310	33.3	6099
36.4	6625	36.4	6297	36.4	6086
39.4	6612	45.5	6284	48.5	6073
57.6	6599	69.7	6271	69.7	6060
78.8	6586	75.8	6257	75.8	6047
87.9	6572	87.9	6244	90.9	6034
97.0	6559	97.0	6231	97.0	6021
100.0	6546	100.0	6218	100.0	6008

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6047	0.0	5925	0.0	5810
3.0	5955	3.0	5833	3.0	5758
6.1	5928	6.1	5807	6.1	5745
15.2	5915	15.2	5794	9.1	5732
24.2	5902	24.2	5781	15.2	5720
33.3	5876	33.3	5769	21.2	5707
48.5	5863	36.4	5756	24.2	5694
63.6	5851	51.5	5743	30.3	5681
78.8	5838	63.6	5730	39.4	5669
90.9	5825	78.8	5717	48.5	5656
93.9	5812	90.9	5705	60.6	5644
100.0	5799	93.9	5692	72.7	5631
		100.0	5679	90.9	5618
				93.9	5606
				97.0	5581
				100.0	5568
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	5644	0.0	5473	0.0	5315
3.0	5592	3.0	5448	6.1	5276
6.1	5579	6.1	5423	12.1	5263
9.1	5567	12.1	5410	18.2	5250
15.2	5554	15.2	5398	21.2	5238
21.2	5541	21.2	5385	30.3	5225
24.2	5529	30.3	5373	36.4	5212
30.3	5516	33.3	5348	39.4	5199
42.4	5503	51.5	5323	42.4	5186
48.5	5491	69.7	5311	51.5	5174
60.6	5478	75.8	5299	57.6	5161
72.7	5466	93.9	5274	69.7	5148
93.9	5441	97.0	5250	81.8	5136
97.0	5416	100.0	5238	90.9	5123
100.0	5404			97.0	5085
				100.0	5073

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	5719	0.0	6488	0.0	7162
3.0	5531	3.0	6191	3.0	7036
6.1	5350	9.1	6094	6.1	6436
12.1	5218	12.1	5815	9.1	6323
18.2	5174	18.2	5724	12.1	6211
27.3	5131	21.2	5635	15.2	6101
42.4	5089	24.2	5548	27.3	5994
54.5	5047	27.3	5377	33.3	5888
66.7	5005	36.4	5293	42.4	5784
78.8	4963	51.5	5211	54.5	5682
90.9	4922	60.6	5130	66.7	5581
100.0	4881	72.7	5050	84.8	5483
		78.8	4972	93.9	5386
		87.9	4894	97.0	5198
		100.0	4818	100.0	5106

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	8116	0.0	8488	0.0	8626
3.0	7660	3.0	7750	3.0	8473
6.1	7230	6.1	7519	6.1	8322
9.1	7024	9.1	7295	12.1	8175
15.2	6824	12.1	7077	21.2	8030
24.2	6629	21.2	6866	24.2	7888
33.3	6257	24.2	6661	36.4	7610
42.4	6079	33.3	6462	57.6	7475
45.5	5906	42.4	6269	63.6	7343
63.6	5737	54.5	6082	69.7	7213
66.7	5574	60.6	5901	72.7	7085
78.8	5415	66.7	5725	84.8	6836
87.9	5261	69.7	5554	90.9	6595
97.0	4824	75.8	5388	93.9	6478
100.0	4686	90.9	5227	97.0	6251
		93.9	5071	100.0	6140
		97.0	4920		
		100.0	4773		

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	8633	0.0	31411	0.0	33936
6.1	8491	3.0	28728	3.0	30906
12.1	8352	6.1	9000	6.1	25633
15.2	8215	21.2	8231	9.1	21260
18.2	7817	33.3	7528	12.1	17632
27.3	7563	72.7	6885	15.2	16058
33.3	7439	97.0	6297	18.2	9161
48.5	7317	100.0	5759	24.2	8343
51.5	7197			45.5	7598
54.5	7079			75.8	6920
63.6	6963			93.9	6302
69.7	6849			100.0	5739
72.7	6737				
78.8	6626				
84.8	6518				
93.9	6411				
100.0	6306				

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	27851	0.0	35696	0.0	36142
12.1	25698	3.0	32596	6.1	32950
21.2	21880	9.1	29766	15.2	30040
27.3	18628	12.1	27182	18.2	27388
30.3	14634	21.2	24822	24.2	24969
33.3	9032	27.3	22667	39.4	22764
39.4	8334	30.3	20699	51.5	20754
72.7	7690	39.4	18902	54.5	18921
90.9	7095	42.4	17261	60.6	14338
93.9	6547	45.5	14393	63.6	10865
100.0	6041	48.5	13144	66.7	9905
		54.5	12003	69.7	9031
		57.6	10009	78.8	8233
		60.6	9140	87.9	7506
		66.7	8346	97.0	6843
		87.9	7622	100.0	6239
		93.9	6960		
		100.0	6356		

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	34469	0.0	36103	0.0	35726
9.1	31524	9.1	32940	6.1	29991
15.2	28830	12.1	30054	9.1	27478
21.2	26367	18.2	27421	18.2	25177
36.4	24113	27.3	25019	36.4	23067
45.5	22053	39.4	22827	48.5	21135
48.5	20168	57.6	20827	63.6	19365
63.6	18445	72.7	19002	78.8	17742
66.7	16869	78.8	15819	84.8	16256
72.7	15427	81.8	9125	90.9	8073
75.8	9027	87.9	8326	93.9	7397
81.8	8255	93.9	7596	100.0	6777
97.0	6905	97.0	6931		
100.0	6315	100.0	6324		

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	38038	0.0	38038	0.0	38038
9.1	29152	9.1	34778	3.0	34855
12.1	24414	12.1	26581	6.1	31938
21.2	22342	15.2	24303	9.1	26815
42.4	20446	21.2	22220	15.2	24571
60.6	18711	33.3	20315	18.2	22515
72.7	17123	51.5	18574	27.3	20630
81.8	15670	57.6	16982	39.4	18904
84.8	14340	72.7	15527	42.4	17322
90.9	8423	78.8	14196	48.5	15872
93.9	7708	87.9	11867	54.5	14544
100.0	7054	90.9	8293	60.6	13326
		97.0	7582	75.8	12211
		100.0	6932	81.8	11189
				90.9	10253
				93.9	7888
				100.0	7228

TABLE 18 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	30384	0.0	26613
6.1	28144	3.0	21185
9.1	22366	6.1	19634
15.2	20717	15.2	18196
18.2	19190	21.2	16864
21.2	17775	27.3	15629
36.4	16464	30.3	14485
42.4	15250	45.5	13424
51.5	13084	54.5	12441
57.6	12120	60.6	11530
66.7	11226	66.7	10686
78.8	10398	72.7	9904
84.8	8921	75.8	9179
87.9	8264	84.8	8507
90.9	7654	87.9	7884
100.0	7090	90.9	6772
		100.0	6276

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	24737	0.0	20612	23556
3.0	21018	3.0	17965	20532
6.1	19373	6.1	15658	17895
15.2	17858	9.1	14619	16707
24.2	13986	15.2	13648	15598
30.3	12892	18.2	12742	14562
39.4	11883	27.3	11896	13595
57.6	10953	36.4	11106	12692
66.7	10096	42.4	10368	11849
72.7	9307	48.5	9680	11062
78.8	7289	60.6	9037	10328
84.8	6718	66.7	8437	9642
87.9	6193	69.7	7877	9002
93.9	5708	75.8	6409	7325
100.0	5262	78.8	5984	6839
		100.0	5586	6384

<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the mean flow between Sept. 23 and 30, divided by 7.

**TABLE 19**

TABLE 19

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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
3.0	13051	3.0	10103	3.0	7923
6.1	11279	6.1	9261	6.1	7505
9.1	10744	12.1	8996	9.1	7304
24.2	10234	21.2	8739	18.2	7108
27.3	9285	24.2	8489	21.2	6918
36.4	8845	27.3	8247	24.2	6733
39.4	8425	30.3	7559	30.3	6552
42.4	8025	36.4	7343	51.5	6377
51.5	7644	42.4	7133	60.6	6206
54.5	7281	48.5	6929	78.8	5878
63.6	6936	51.5	6539	84.8	5568
66.7	6606	54.5	6352	87.9	5419
69.7	6293	60.6	6170	90.9	5274
100.0	5994	100.0	5994	93.9	5132
				100.0	4995

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	7158	0.0	7287
3.0	7664	3.0	7061	3.0	7203
6.1	7036	6.1	6965	6.1	7161
9.1	6838	12.1	6871	9.1	7078
27.3	6646	18.2	6824	12.1	7037
54.5	6459	21.2	6778	21.2	6996
78.8	6278	24.2	6732	24.2	6956
97.0	5142	33.3	6686	30.3	6915
100.0	4998	39.4	6641	39.4	6835
		48.5	6595	45.5	6796
		57.6	6550	66.7	6717
		66.7	6506	75.8	6678
		72.7	6462	87.9	6639
		87.9	6418	90.9	6563
		90.9	6331	100.0	6524
		100.0	6288		

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7417	0.0	7546	0.0	7817
6.1	7346	3.0	7517	3.0	7725
9.1	7276	9.1	7488	9.1	7695
12.1	7241	15.2	7431	12.1	7664
21.2	7172	18.2	7402	18.2	7634
27.3	7137	21.2	7374	21.2	7604
30.3	7069	30.3	7317	24.2	7574
33.3	7035	33.3	7289	27.3	7544
51.5	7001	39.4	7261	30.3	7515
60.6	6968	48.5	7234	39.4	7485
69.7	6934	57.6	7206	51.5	7456
81.8	6901	72.7	7178	60.6	7426
84.8	6868	75.8	7151	66.7	7397
90.9	6835	84.8	7096	78.8	7368
93.9	6802	90.9	7069	81.8	7339
100.0	6769	97.0	7042	87.9	7310
		100.0	7015	97.0	7281
				100.0	7253
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	8380	0.0	8396	0.0	7968
3.0	8069	3.0	8167	3.0	7885
6.1	8025	9.1	8129	9.1	7858
12.1	7939	12.1	8055	12.1	7831
15.2	7896	18.2	8018	15.2	7804
24.2	7853	27.3	7981	21.2	7777
30.3	7811	30.3	7944	24.2	7750
39.4	7769	48.5	7907	30.3	7723
60.6	7727	66.7	7871	39.4	7696
75.8	7685	75.8	7835	51.5	7670
78.8	7644	78.8	7799	63.6	7643
90.9	7602	87.9	7763	72.7	7616
100.0	7561	93.9	7727	75.8	7590
		100.0	7691	78.8	7564
				87.9	7538
				90.9	7511
				97.0	7485
				100.0	7460

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7457	0.0	7221	0.0	7191
9.1	7414	6.1	7201	6.1	7152
12.1	7392	12.1	7181	9.1	7132
21.2	7371	15.2	7161	12.1	7113
24.2	7349	18.2	7142	21.2	7094
30.3	7328	21.2	7122	27.3	7074
36.4	7306	27.3	7102	39.4	7036
42.4	7285	36.4	7083	42.4	7016
51.5	7264	39.4	7063	45.5	6997
57.6	7242	42.4	7043	51.5	6978
66.7	7221	48.5	7024	57.6	6959
72.7	7200	51.5	7005	69.7	6940
78.8	7158	60.6	6985	72.7	6921
84.8	7137	69.7	6966	78.8	6902
87.9	7116	72.7	6947	87.9	6883
93.9	7095	78.8	6927	90.9	6865
97.0	7075	87.9	6889	97.0	6846
100.0	7054	93.9	6870	100.0	6827
		100.0	6851		
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	7177	0.0	7156	0.0	7098
3.0	7157	3.0	7136	3.0	7079
6.1	7137	6.1	7095	9.1	7024
9.1	7097	9.1	7055	12.1	7005
12.1	7077	15.2	7015	15.2	6987
15.2	7057	24.2	6995	18.2	6968
18.2	7037	33.3	6975	27.3	6950
36.4	7017	45.5	6955	30.3	6932
42.4	6997	51.5	6935	42.4	6913
45.5	6977	57.6	6915	48.5	6895
51.5	6958	66.7	6895	54.5	6877
57.6	6938	69.7	6876	66.7	6859
66.7	6918	78.8	6856	72.7	6841
72.7	6899	87.9	6837	75.8	6823
78.8	6879	90.9	6817	87.9	6805
87.9	6860	97.0	6798	90.9	6787
90.9	6841	100.0	6778	97.0	6769
97.0	6821			100.0	6751
100.0	6802				

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7160	0.0	7012	0.0	6968
3.0	7073	3.0	6980	3.0	6936
6.1	7030	12.1	6932	6.1	6920
15.2	6987	21.2	6916	9.1	6889
21.2	6966	33.3	6900	18.2	6873
30.3	6945	36.4	6885	24.2	6857
45.5	6923	45.5	6869	30.3	6841
48.5	6902	48.5	6853	42.4	6826
51.5	6881	51.5	6837	45.5	6810
60.6	6860	57.6	6822	51.5	6795
75.8	6839	63.6	6806	57.6	6779
87.9	6818	75.8	6791	63.6	6764
90.9	6798	87.9	6775	72.7	6748
97.0	6777	90.9	6760	87.9	6733
100.0	6756	93.9	6744	93.9	6702
		97.0	6729	97.0	6687
		100.0	6713	100.0	6671

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	6862	0.0	6525	0.0	6312
6.1	6817	6.1	6497	3.0	6299
9.1	6802	9.1	6483	9.1	6285
12.1	6787	12.1	6469	12.1	6271
18.2	6772	15.2	6455	15.2	6257
24.2	6758	18.2	6441	18.2	6230
36.4	6743	30.3	6427	30.3	6217
39.4	6728	33.3	6413	33.3	6203
48.5	6713	36.4	6400	39.4	6190
51.5	6699	42.4	6386	42.4	6163
60.6	6684	48.5	6372	57.6	6149
63.6	6669	57.6	6359	60.6	6136
75.8	6655	60.6	6345	63.6	6122
84.8	6640	63.6	6331	75.8	6109
93.9	6626	75.8	6318	84.8	6096
97.0	6597	84.8	6304	90.9	6082
100.0	6582	93.9	6277	93.9	6069
		100.0	6264	100.0	6056

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6166	0.0	6044	0.0	6265
3.0	6097	3.0	5975	3.0	6039
6.1	6080	6.1	5958	6.1	5944
12.1	6063	12.1	5942	15.2	5913
15.2	6046	15.2	5925	30.3	5882
18.2	6029	18.2	5908	45.5	5851
21.2	6012	30.3	5891	54.5	5820
33.3	5996	36.4	5874	69.7	5790
39.4	5979	45.5	5841	72.7	5760
42.4	5962	48.5	5824	78.8	5729
48.5	5945	57.6	5807	84.8	5699
60.6	5929	63.6	5791	100.0	5669
63.6	5912	78.8	5774		
72.7	5896	87.9	5758		
87.9	5879	93.9	5742		
93.9	5863	100.0	5725		
100.0	5846				

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	6098	0.0	6001	0.0	6244
3.0	5872	3.0	5964	3.0	5884
6.1	5778	6.1	5855	6.1	5768
18.2	5746	9.1	5747	9.1	5711
30.3	5715	12.1	5677	12.1	5655
51.5	5685	21.2	5642	15.2	5599
57.6	5654	27.3	5607	21.2	5544
66.7	5624	30.3	5572	27.3	5489
78.8	5563	39.4	5538	36.4	5435
84.8	5533	63.6	5504	51.5	5381
100.0	5503	69.7	5470	75.8	5328
		78.8	5403	81.8	5275
		90.9	5370	84.8	5223
		100.0	5337	100.0	5172

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	8168	0.0	8992	0.0	9303
3.0	6799	3.0	7706	3.0	8883
6.1	6122	6.1	7472	9.1	8097
9.1	5964	9.1	7024	12.1	7912
12.1	5809	12.1	6811	15.2	7554
18.2	5659	24.2	6403	24.2	7382
36.4	5513	27.3	6208	30.3	7048
45.5	5370	33.3	6020	33.3	6887
63.6	5231	39.4	5837	36.4	6729
81.8	5096	45.5	5659	42.4	6575
100.0	4964	54.5	5487	54.5	6425
		66.7	5321	57.6	6278
		84.8	5159	60.6	6134
		100.0	5002	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	11150	0.0	14243	0.0	11519
3.0	10445	3.0	13609	3.0	9503
9.1	9470	6.1	11871	6.1	9322
18.2	8871	9.1	10354	12.1	9144
21.2	8586	15.2	9893	90.9	8147
27.3	8310	18.2	9453	100.0	7992
30.3	8043	21.2	9032		
33.3	7784	27.3	8630		
45.5	7534	42.4	8245		
48.5	7292	54.5	7878		
54.5	7058	57.6	7527		
57.6	6611	60.6	7192		
63.6	6399	69.7	6872		
66.7	6193	78.8	6566		
100.0	5994	84.8	6273		
		100.0	5994		

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	9906	0.0	33182	0.0	35593
3.0	9468	3.0	30787	3.0	30414
6.1	9362	6.1	10006	6.1	25989
9.1	9050	9.1	9284	9.1	24024
90.9	8083	90.9	8614	12.1	20529
100.0	7992	100.0	7992	15.2	17542
				18.2	9353
				90.9	8646
				100.0	7992
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	29458	0.0	38588	0.0	40006
9.1	27504	3.0	32694	6.1	33767
15.2	25679	9.1	30094	15.2	31023
21.2	23975	12.1	27701	21.2	28502
24.2	22384	21.2	25498	24.2	26185
27.3	19512	33.3	21604	39.4	24057
30.3	15880	39.4	18304	48.5	22102
33.3	10518	45.5	15508	54.5	20305
36.4	9168	48.5	14275	57.6	18655
90.9	8560	54.5	13140	60.6	15746
100.0	7992	57.6	11133	63.6	12210
		60.6	9433	66.7	11218
		90.9	8683	69.7	9469
		100.0	7992	90.9	8699
				100.0	7992

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	37915	0.0	38639	0.0	37465
3.0	34932	9.1	35563	6.1	29355
12.1	32184	12.1	32733	12.1	27062
18.2	29652	18.2	30128	33.3	24949
21.2	27319	24.2	27730	42.4	23000
39.4	25170	39.4	25523	57.6	21204
45.5	23189	48.5	23491	72.7	19548
51.5	21365	63.6	21622	84.8	18022
63.6	19684	75.8	19901	87.9	16614
69.7	18135	78.8	16859	90.9	9403
72.7	15394	81.8	9434	93.9	8669
75.8	9415	93.9	8683	100.0	7992
93.9	8674	100.0	7992		
100.0	7992				

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	41631	0.0	41456	0.0	41449
6.1	38167	6.1	38016	3.0	38010
9.1	32080	12.1	26881	6.1	31963
12.1	26965	15.2	24650	9.1	26878
15.2	24721	27.3	22604	18.2	24647
27.3	22664	42.4	20728	27.3	22602
45.5	20779	57.6	19008	36.4	20726
63.6	19050	63.6	17431	42.4	19006
78.8	17465	75.8	15984	48.5	17429
84.8	16012	87.9	13441	51.5	15983
87.9	14680	90.9	9504	57.6	14656
90.9	9508	93.9	8715	72.7	13440
93.9	8717	100.0	7992	78.8	12325
100.0	7992			87.9	11302
				93.9	8715
				100.0	7992

TABLE 19 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33252	0.0	28972
3.0	30848	3.0	23148
9.1	24630	6.1	21479
15.2	22850	12.1	19931
18.2	19666	18.2	18494
33.3	18244	21.2	17161
36.4	16925	30.3	15924
48.5	15702	39.4	14776
51.5	13514	54.5	13711
63.6	12537	60.6	12723
69.7	11630	63.6	11806
78.8	10790	72.7	10165
84.8	10010	75.8	9432
87.9	8615	87.9	8753
100.0	7992	90.9	7536
		100.0	6993

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	26584	0.0	21935	25069
3.0	22726	3.0	20487	23414
6.1	21012	6.1	16693	19077
12.1	19428	12.1	15591	17818
24.2	15356	18.2	14562	16642
27.3	14198	21.2	13601	15544
39.4	13128	27.3	12703	14518
51.5	12138	39.4	11865	13560
57.6	11223	42.4	11082	12665
69.7	10376	51.5	10350	11829
72.7	9594	54.5	9667	11048
78.8	8202	66.7	9029	10319
81.8	7583	69.7	8433	9638
87.9	7012	75.8	6871	7853
90.9	6483	78.8	6418	7334
100.0	5994	100.0	5994	6850

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.  
2/ The values in this column represent the mean flow between Sept. 23 and 30, divided by 7.

**TABLE 20**

TABLE 20

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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
3.0	31523	3.0	23886	3.0	17138
6.1	28384	12.1	20494	6.1	16540
9.1	26934	18.2	19474	12.1	15964
15.2	24252	33.3	18504	24.2	15408
18.2	23013	36.4	17583	27.3	14871
21.2	21837	42.4	16708	33.3	14353
33.3	20721	48.5	15876	45.5	13853
42.4	19663	54.5	15086	54.5	12904
48.5	18658	69.7	14335	66.7	12454
57.6	17705	81.8	13622	78.8	11601
69.7	16800	87.9	12943	90.9	10807
75.8	15942	93.9	11687	93.9	9716
81.8	15127	97.0	11105	100.0	9378
87.9	14354	100.0	10552		
93.9	12925				
100.0	12265				
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	14031	0.0	13138
3.0	15068	3.0	13136	6.1	12185
6.1	14049	9.1	12850	18.2	11735
15.2	13565	12.1	12571	27.3	11516
24.2	13099	21.2	12298	36.4	11301
42.4	12648	27.3	12030	48.5	11090
60.6	12213	39.4	11769	57.6	10883
63.6	11793	51.5	11513	63.6	10481
66.7	11387	57.6	11263	66.7	10094
72.7	10995	63.6	11018	69.7	9905
81.8	10617	66.7	10544	72.7	9721
90.9	10252	69.7	10315	78.8	9539
93.9	9899	75.8	10091	93.9	9361
100.0	9558	84.8	9872	100.0	9187
		87.9	9657		
		93.9	9447		
		100.0	9242		

TABLE 20 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	12585	0.0	12059	0.0	11903
6.1	12179	6.1	11572	6.1	11751
9.1	11787	12.1	11414	12.1	11453
12.1	11596	15.2	11104	15.2	11163
15.2	11407	21.2	10952	18.2	11021
18.2	11222	30.3	10803	24.2	10880
24.2	11040	36.4	10655	36.4	10741
36.4	10861	45.5	10509	45.5	10604
48.5	10684	51.5	10366	48.5	10469
60.6	10511	57.6	10224	54.5	10335
63.6	10340	63.6	10085	60.6	10204
66.7	10172	72.7	9811	66.7	10073
69.7	10007	78.8	9677	69.7	9945
75.8	9845	84.8	9545	81.8	9818
78.8	9685	93.9	9414	90.9	9569
81.8	9528	100.0	9286	97.0	9447
93.9	9373			100.0	9327
100.0	9221				

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	12217	0.0	11832	0.0	11146
3.0	11736	3.0	11568	6.1	10928
9.1	11425	6.1	11438	12.1	10820
12.1	11123	12.1	11182	18.2	10714
18.2	10975	15.2	11057	21.2	10608
30.3	10829	24.2	10933	24.2	10504
36.4	10542	30.3	10810	39.4	10400
54.5	10402	33.3	10689	45.5	10196
57.6	10264	45.5	10569	60.6	10096
66.7	10127	51.5	10450	78.8	9704
78.8	9992	57.6	10333	81.8	9609
81.8	9859	66.7	10217	84.8	9514
90.9	9728	75.8	10102	87.9	9420
93.9	9598	78.8	9989	93.9	9328
100.0	9471	81.8	9876	100.0	9236
		87.9	9765		
		93.9	9656		
		100.0	9547		

TABLE 20 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10622	0.0	10936	0.0	10159
3.0	10510	3.0	10209	3.0	9752
12.1	10289	6.1	10035	12.1	9653
21.2	10181	12.1	9864	21.2	9555
24.2	10073	18.2	9695	24.2	9458
30.3	9967	21.2	9530	33.3	9362
33.3	9862	42.4	9367	42.4	9267
48.5	9758	66.7	9208	57.6	9172
51.5	9655	78.8	9051	63.6	9079
69.7	9553	81.8	8896	69.7	8987
75.8	9353	90.9	8745	78.8	8896
78.8	9255	93.9	8595	84.8	8805
81.8	9157	97.0	8024	90.9	8627
84.8	9060	100.0	7887	93.9	8453
90.9	8965			100.0	8367
93.9	8777				
100.0	8684				

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	9765	0.0	9731	0.0	9612
6.1	9682	6.1	9565	3.0	9375
9.1	9601	9.1	9402	6.1	9297
12.1	9359	12.1	9322	9.1	9220
24.2	9280	15.2	9242	12.1	9144
36.4	9202	36.4	9163	15.2	9068
51.5	9124	45.5	9085	33.3	8993
54.5	9047	57.6	9007	48.5	8918
66.7	8971	63.6	8854	60.6	8845
69.7	8895	72.7	8704	69.7	8699
81.8	8746	84.8	8629	72.7	8627
84.8	8672	87.9	8555	78.8	8555
87.9	8598	90.9	8482	87.9	8484
93.9	8382	93.9	8338	90.9	8344
100.0	8312	100.0	8267	97.0	8275
				100.0	8207

TABLE 20 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	9557	0.0	9819	0.0	9580
3.0	9248	3.0	9063	3.0	8981
6.1	9097	9.1	8883	6.1	8899
9.1	9023	21.2	8794	9.1	8817
24.2	8949	36.4	8707	18.2	8736
39.4	8876	54.5	8620	33.3	8656
42.4	8803	69.7	8534	51.5	8577
57.6	8731	81.8	8449	60.6	8498
66.7	8660	84.8	8365	69.7	8420
69.7	8589	90.9	8281	78.8	8343
75.8	8519	93.9	8199	84.8	8266
87.9	8380	100.0	8117	87.9	8191
93.9	8243			90.9	8115
100.0	8176			100.0	8041

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	9001	0.0	8519	0.0	8391
3.0	8881	6.1	8412	3.0	8276
6.1	8703	9.1	8306	6.1	8106
18.2	8645	18.2	8254	9.1	8050
27.3	8587	24.2	8202	21.2	7995
39.4	8472	27.3	8151	27.3	7940
42.4	8415	39.4	8048	30.3	7885
57.6	8358	51.5	7998	39.4	7830
72.7	8302	60.6	7948	54.5	7776
75.8	8247	72.7	7898	60.6	7723
78.8	8191	75.8	7848	69.7	7670
84.8	8082	78.8	7750	75.8	7617
90.9	7974	81.8	7701	81.8	7564
100.0	7920	87.9	7652	84.8	7460
		97.0	7604	90.9	7409
		100.0	7556	100.0	7358



TABLE 20 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	17868	0.0	29751	0.0	41134
3.0	14783	6.1	27791	3.0	35390
6.1	14099	9.1	25960	6.1	30448
9.1	13447	12.1	21159	12.1	28242
12.1	11666	15.2	19765	15.2	26196
15.2	11126	21.2	18463	27.3	24299
24.2	10611	27.3	17246	39.4	22538
33.3	10120	30.3	15049	48.5	20906
36.4	9652	36.4	14057	57.6	19391
45.5	9205	51.5	13131	60.6	17986
57.6	8779	57.6	12266	69.7	16683
63.6	8373	66.7	11458	75.8	15475
75.8	7986	72.7	9998	81.8	14354
93.9	7616	78.8	9339	84.8	13314
100.0	7264	90.9	8724	87.9	12349
		100.0	8149	97.0	10625
				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	51055	0.0	48241	0.0	93619
3.0	47631	12.1	45908	3.0	65054
6.1	44437	18.2	43688	6.1	60487
9.1	36083	24.2	41575	9.1	52291
12.1	33663	30.3	39564	12.1	48619
21.2	31406	33.3	37650	27.3	45205
24.2	29299	42.4	35829	36.4	42031
33.3	27335	48.5	34096	39.4	39080
45.5	25501	57.6	32447	45.5	36336
69.7	23791	66.7	30878	66.7	33785
75.8	20707	69.7	27963	78.8	31413
78.8	18023	72.7	26611	90.9	29207
84.8	16814	78.8	25324	97.0	25249
90.9	15687	81.8	24099	100.0	23477
97.0	14635	84.8	22933		
100.0	13653	87.9	21824		
		93.9	20769		
		97.0	19764		
		100.0	18808		





TABLE 20 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	61803	0.0	56593
9.1	54823	3.0	53110
12.1	51635	12.1	49842
18.2	48632	15.2	46775
24.2	45804	24.2	43896
33.3	43140	30.3	38660
36.4	38268	39.4	36281
48.5	36043	48.5	34048
60.6	33947	57.6	31953
75.8	31972	63.6	29987
78.8	30113	72.7	28142
81.8	28362	78.8	26410
87.9	25159	81.8	24785
93.9	22318	87.9	23259
97.0	21020	93.9	21828
100.0	19797	97.0	18041
		100.0	16931

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	76233	0.0	69238	79129
3.0	53553	3.0	43555	49777
6.1	49028	6.1	39698	45370
9.1	44885	9.1	36184	41353
18.2	37621	18.2	32980	37691
27.3	34442	33.3	27398	31313
42.4	31532	48.5	24973	28540
48.5	28867	60.6	22762	26013
57.6	26428	75.8	20746	23710
63.6	24195	81.8	18909	21611
75.8	22151	84.8	17235	19697
90.9	18565	87.9	15709	17953
97.0	15561	90.9	14318	16364
100.0	14246	93.9	13051	14915
		100.0	11895	13594

<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the mean flow between Sept. 23 and 30, divided by 7.

**TABLE 21**

TABLE 21

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	68330	0.0	83984	0.0	55970
12.1	59870	3.0	70321	12.1	45573
18.2	56041	6.1	58881	15.2	42556
21.2	52457	9.1	53880	18.2	37107
27.3	49102	12.1	49303	21.2	34651
30.3	45962	27.3	45114	45.5	32357
42.4	43023	33.3	41282	63.6	30214
48.5	40271	42.4	37775	72.7	26346
51.5	35285	60.6	34566	78.8	24602
57.6	33028	72.7	31630	87.9	22973
66.7	30916	78.8	28943	90.9	21452
84.8	28939	84.8	26484	93.9	20032
87.9	27088	90.9	22176	97.0	16311
90.9	25356	93.9	16991	100.0	15231
93.9	23734	100.0	15547		
97.0	20795				
100.0	19466				
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	41067	0.0	41349
3.0	45175	3.0	36273	3.0	32144
9.1	42248	6.1	32039	6.1	28342
12.1	39510	9.1	30111	15.2	26612
18.2	36949	18.2	28299	18.2	24989
24.2	34555	24.2	26596	30.3	23464
27.3	32316	39.4	24996	48.5	22032
30.3	30222	45.5	23492	54.5	20688
36.4	28263	54.5	22078	57.6	19426
45.5	26432	66.7	20750	75.8	18241
60.6	24719	75.8	19501	78.8	17128
75.8	23117	84.8	18327	84.8	16083
84.8	20218	87.9	16188	93.9	15101
90.9	18908	97.0	13438	97.0	13315
93.9	17682	100.0	12629	100.0	12502
97.0	14463				
100.0	13525				

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	39251	0.0	26081	0.0	24890
3.0	26455	3.0	23359	3.0	24001
6.1	25005	6.1	22516	6.1	22319
15.2	23635	9.1	21704	12.1	21522
27.3	22340	12.1	20921	15.2	20754
30.3	21115	18.2	20166	18.2	20013
33.3	19958	21.2	19439	24.2	18610
39.4	18864	27.3	18738	39.4	17945
51.5	17830	39.4	18062	54.5	17305
63.6	16853	48.5	16782	57.6	16687
72.7	15930	51.5	16176	66.7	16091
81.8	15057	66.7	15593	75.8	15517
97.0	14231	75.8	15030	78.8	14429
100.0	13452	78.8	14488	87.9	13914
		84.8	13965	90.9	13417
		87.9	13462	97.0	12938
		100.0	12976	100.0	12477

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	22403	0.0	20725	0.0	18585
3.0	20424	3.0	19133	3.0	18170
6.1	18619	6.1	18631	6.1	17764
9.1	18054	9.1	17664	9.1	16980
21.2	17505	21.2	16748	18.2	16230
24.2	16974	27.3	16308	21.2	15868
42.4	16458	33.3	15880	27.3	15514
45.5	15959	48.5	15462	36.4	15167
54.5	15474	54.5	15056	45.5	14829
60.6	15004	60.6	14660	54.5	14498
66.7	14548	72.7	14275	66.7	13858
72.7	14107	75.8	13535	75.8	13246
75.8	13678	78.8	13179	78.8	12661
81.8	13263	84.8	12833	90.9	12378
87.9	12860	100.0	12495	100.0	12102
100.0	12470				

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	17254	0.0	16788	0.0	15568
6.1	16567	3.0	16423	6.1	15096
9.1	16233	6.1	15375	9.1	14865
12.1	15586	15.2	15041	12.1	14638
18.2	15273	21.2	14714	15.2	14414
21.2	14965	42.4	14394	24.2	14194
24.2	14664	48.5	14081	36.4	13977
39.4	14369	54.5	13775	42.4	13764
54.5	14080	63.6	13475	57.6	13553
60.6	13796	75.8	13182	63.6	13346
66.7	13519	78.8	12896	75.8	13142
69.7	13247	81.8	12616	84.8	12549
78.8	12980	87.9	12341	93.9	11983
81.8	12463	93.9	12073	97.0	11800
87.9	12212	97.0	11303	100.0	11619
93.9	11966	100.0	11057		
100.0	11725				

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	15130	0.0	14807	0.0	15247
3.0	14948	6.1	14491	3.0	15052
6.1	14591	9.1	14182	6.1	14668
9.1	14415	18.2	14030	9.1	14295
12.1	14242	27.3	13879	12.1	14111
15.2	14071	33.3	13730	18.2	13930
30.3	13902	36.4	13583	21.2	13752
33.3	13734	42.4	13437	24.2	13575
45.5	13569	54.5	13293	36.4	13401
60.6	13406	60.6	13151	42.4	13230
69.7	13245	66.7	13010	51.5	13060
72.7	13086	75.8	12870	63.6	12893
78.8	12928	81.8	12732	69.7	12727
81.8	12773	84.8	12596	75.8	12564
90.9	12619	87.9	12461	81.8	12403
93.9	12317	90.9	12327	87.9	12244
97.0	12169	97.0	12195	97.0	12087
100.0	12023	100.0	12064	100.0	11932

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	15146	0.0	14807	0.0	15128
3.0	14755	3.0	14410	3.0	14420
6.1	14563	9.1	14215	9.1	14191
9.1	14374	12.1	14023	21.2	13527
12.1	14187	18.2	13834	24.2	13312
15.2	14003	21.2	13647	33.3	13101
18.2	13821	33.3	13463	39.4	12893
27.3	13641	39.4	13281	42.4	12689
39.4	13464	42.4	12925	48.5	12488
45.5	13289	51.5	12750	63.6	12290
51.5	12946	54.5	12578	72.7	12095
60.6	12778	66.7	12408	84.8	11903
72.7	12612	75.8	12241	87.9	11714
78.8	12448	81.8	12076	97.0	11346
87.9	12286	93.9	11752	100.0	11166
90.9	12126	97.0	11593		
93.9	11969	100.0	11437		
100.0	11813				

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	14435	0.0	14086	0.0	13864
6.1	14217	3.0	13869	3.0	13002
9.1	14002	9.1	13238	6.1	12795
12.1	13375	12.1	12636	9.1	12391
15.2	13172	18.2	12250	12.1	12194
21.2	12973	36.4	12061	15.2	12000
33.3	12777	42.4	11875	27.3	11621
36.4	12583	54.5	11692	45.5	11436
39.4	12392	60.6	11512	51.5	11254
54.5	12205	69.7	11335	69.7	10898
63.6	12020	72.7	11160	72.7	10725
66.7	11838	87.9	10988	81.8	10554
78.8	11659	90.9	10819	97.0	10386
84.8	11482	93.9	10653	100.0	10221
90.9	11308	100.0	10489		
93.9	10968				
100.0	10802				

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	13223	0.0	13387	0.0	14003
3.0	12610	3.0	12659	3.0	12885
6.1	12412	6.1	12195	6.1	12360
9.1	12217	9.1	11970	9.1	11857
12.1	11836	21.2	11749	15.2	11613
21.2	11467	24.2	11532	18.2	11374
24.2	11287	27.3	11319	24.2	11140
39.4	11110	30.3	11109	42.4	10911
54.5	10764	42.4	10904	51.5	10686
57.6	10595	57.6	10703	63.6	10466
69.7	10428	63.6	10505	75.8	10251
87.9	10264	78.8	10311	90.9	10040
93.9	10103	81.8	10120	93.9	9631
97.0	9944	90.9	9933	100.0	9433
100.0	9788	93.9	9750		
		97.0	9569		
		100.0	9393		
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	14567	0.0	15983	0.0	21169
3.0	12424	3.0	13966	3.0	18519
6.1	12099	6.1	13503	6.1	16939
15.2	11782	9.1	13055	9.1	16201
21.2	11474	12.1	12622	12.1	15494
24.2	11174	18.2	12204	21.2	14173
30.3	10881	30.3	11799	27.3	13555
45.5	10596	36.4	11408	33.3	12964
54.5	10319	39.4	11030	39.4	12399
72.7	10049	45.5	10664	45.5	11858
87.9	9530	66.7	10310	60.6	11341
97.0	9038	72.7	9968	66.7	10846
100.0	8801	87.9	9638	72.7	10374
		90.9	9318	90.9	9921
		93.9	9009	93.9	9489
		97.0	8710	100.0	9075
		100.0	8422		

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	47187	0.0	91935	0.0	84661
6.1	42736	6.1	82061	6.1	79074
9.1	38704	9.1	73247	12.1	73856
12.1	35053	21.2	65380	24.2	64430
18.2	31746	24.2	58358	30.3	60178
21.2	28751	27.3	52090	33.3	56207
30.3	26039	33.3	46496	51.5	52498
39.4	23582	39.4	41502	57.6	49034
42.4	21357	42.4	37045	72.7	42776
48.5	17518	48.5	33066	81.8	39953
57.6	15865	51.5	29515	84.8	37316
63.6	14369	60.6	26345	90.9	34854
66.7	13013	66.7	23515	93.9	28399
69.7	11785	72.7	20990	97.0	24775
78.8	10674	84.8	18735	100.0	23140
90.9	9667	90.9	14927		
93.9	8755	93.9	13324		
97.0	7929	97.0	11893		
100.0	7181	100.0	10615		

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	83172	0.0	112509	0.0	132319
9.1	79012	6.1	104022	6.1	125209
15.2	75060	18.2	96176	9.1	118481
18.2	71305	24.2	88922	15.2	112114
21.2	67738	27.3	82214	21.2	106090
36.4	64350	42.4	76013	30.3	100389
45.5	61131	54.5	70280	36.4	94995
54.5	58073	60.6	64979	45.5	89891
69.7	52408	66.7	60077	60.6	85061
87.9	49787	78.8	55546	63.6	80490
97.0	33024	87.9	51356	66.7	76165
100.0	31372	93.9	43901	78.8	72072
		97.0	27423	81.8	68200
		100.0	25355	84.8	64535
				87.9	61067
				93.9	57786
				97.0	48963
				100.0	46332

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	144026	0.0	143487	0.0	152348
6.1	134377	3.0	130555	6.1	136757
9.1	125375	6.1	124533	9.1	131923
12.1	109139	12.1	118789	15.2	122761
24.2	101828	21.2	113310	33.3	118422
30.3	95006	24.2	108083	45.5	114236
39.4	88641	36.4	103098	48.5	110198
45.5	82703	42.4	98343	63.6	106303
66.7	77162	51.5	93806	72.7	102545
69.7	71993	66.7	89480	78.8	98920
81.8	67170	75.8	85352	84.8	95424
87.9	62670	78.8	81415	87.9	92051
93.9	58472	84.8	74078	93.9	88797
97.0	41340	87.9	70661	97.0	79710
100.0	38570	97.0	61327	100.0	76892
		100.0	58498		
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	155926	0.0	190047	0.0	190762
3.0	150613	3.0	158002	6.1	182168
9.1	140525	15.2	150874	9.1	166125
15.2	135737	27.3	144067	12.1	158641
21.2	131112	33.3	137567	18.2	151494
24.2	126645	39.4	131360	24.2	144670
33.3	122330	42.4	125434	27.3	138152
36.4	118162	54.5	119775	30.3	131929
39.4	114136	57.6	114371	39.4	125985
54.5	110247	63.6	109211	48.5	120310
60.6	106491	72.7	104284	54.5	114890
63.6	102862	78.8	99579	63.6	109714
72.7	95972	87.9	95086	84.8	100052
78.8	92702	93.9	90796	87.9	95544
87.9	89544	97.0	82788	90.9	83205
93.9	86493	100.0	79053	100.0	79456
97.0	83546				
100.0	80699				

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	188913	0.0	176896
6.1	173786	3.0	173091	3.0	164190
9.1	160457	9.1	158593	6.1	152397
15.2	154182	12.1	139092	9.1	146822
18.2	142357	21.2	133139	12.1	141451
24.2	136789	33.3	127442	27.3	136276
30.3	131439	51.5	121988	30.3	131291
39.4	126299	54.5	116768	33.3	126488
42.4	121359	63.6	111771	39.4	121861
51.5	116613	72.7	106988	51.5	117403
60.6	112052	78.8	102409	63.6	113108
66.7	107669	87.9	98027	75.8	108970
69.7	103458	93.9	85973	81.8	104984
72.7	99412	100.0	82294	87.9	101144
75.8	95524			97.0	90444
81.8	91788			100.0	87136
90.9	88198				
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	199799	0.0	135061	0.0	121739
3.0	189870	12.1	129096	3.0	112177
6.1	147153	15.2	123394	6.1	107681
12.1	139840	18.2	117945	9.1	103366
21.2	132890	21.2	112735	15.2	99223
27.3	126286	24.2	107756	18.2	95247
33.3	120010	39.4	102997	24.2	91430
39.4	114046	57.6	98448	30.3	87766
54.5	108378	63.6	94100	45.5	84249
66.7	102992	72.7	89944	57.6	80872
81.8	97874	78.8	85972	66.7	77631
84.8	93010	87.9	82174	69.7	74520
87.9	83995	93.9	75076	72.7	71534
90.9	79821	97.0	59898	78.8	68667
100.0	75854	100.0	57253	90.9	65915
				93.9	63273
				97.0	58304
				100.0	55967

TABLE 21 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2002 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	100655	0.0	101944
6.1	96201	9.1	96824
9.1	91945	15.2	91962
12.1	87876	21.2	87343
21.2	83988	27.3	82957
27.3	80272	30.3	78791
30.3	76720	33.3	74834
42.4	73325	42.4	71076
48.5	70081	48.5	67506
57.6	66980	57.6	64116
66.7	64016	60.6	60896
75.8	58477	63.6	57838
78.8	55889	75.8	54933
81.8	53416	78.8	52175
84.8	48794	81.8	47066
90.9	46635	84.8	44702
93.9	44572	87.9	42457
100.0	42599	90.9	40325
		100.0	38300

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	174746	0.0	107008	122295
3.0	147415	9.1	91767	104876
9.1	114220	21.2	84981	97121
12.1	104908	30.3	78696	89939
15.2	96356	33.3	72877	83288
24.2	88500	36.4	67487	77128
30.3	81285	39.4	62497	71425
39.4	74658	45.5	57875	66143
42.4	68572	51.5	53595	61252
51.5	62981	57.6	49632	56722
66.7	57847	63.6	45961	52527
69.7	53131	69.7	42563	48643
78.8	44821	75.8	39415	45046
87.9	41167	78.8	36500	41715
90.9	37811	87.9	33801	38630
100.0	34728	93.9	26843	30678
		100.0	24858	28409

<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the mean flow between Sept. 23 and 30, divided by 7.

**TABLE 22**

TABLE 22

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10959	0.0	8684	0.0	9152
3.0	8593	27.3	8446	27.3	8862
15.2	8251	42.4	7559	33.3	8044
39.4	7924	63.6	6055	66.7	6418
48.5	7307	97.0	5271	97.0	5121
63.6	5966	100.0	5127	100.0	4958
97.0	5283				
100.0	5073				
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	9549	0.0	9988	0.0	10437
15.2	8425	3.0	8821	3.0	9523
66.7	6767	66.7	7098	66.7	7458
97.0	5435	97.0	5711	97.0	6021
100.0	5268	100.0	5536	100.0	5840
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	10899	0.0	11317	0.0	11797
3.0	9956	15.2	10349	27.3	10785
66.7	7822	69.7	8399	69.7	8750
97.0	6334	97.0	6617	97.0	6889
100.0	6146	100.0	6423	100.0	6686

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	12373	0.0	12643	0.0	12297
30.3	12011	33.3	11568	33.3	11248
33.3	11317	69.7	9402	69.7	9136
69.7	9190	97.0	7419	97.0	7203
97.0	7243	100.0	7203	100.0	6992
100.0	7031				

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	11663	0.0	11356	0.0	11352
36.4	10659	42.4	10364	42.4	10360
69.7	8384	72.7	8123	72.7	8116
97.0	6796	97.0	6563	97.0	6556
100.0	6595	100.0	6366	100.0	6359

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	11339	0.0	11326	0.0	11306
42.4	10350	42.4	10336	42.4	10316
72.7	8113	69.7	8097	72.7	8079
97.0	6556	97.0	6540	97.0	6523
100.0	6360	100.0	6344	100.0	6327

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11339	0.0	11198	0.0	11152
39.4	10341	33.3	10227	33.3	10182
75.8	8088	75.8	8029	75.8	7989
97.0	6523	97.0	6497	97.0	6461
100.0	6326	100.0	6304	100.0	6268

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	11035	0.0	10571	0.0	10229
33.3	10072	33.3	9339	33.3	9026
75.8	7896	75.8	7519	75.8	7252
97.0	6381	97.0	6054	97.0	5826
100.0	6190	100.0	5869	100.0	5646

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	9886	0.0	9697	0.0	9588
33.3	8711	33.3	8531	33.3	8417
75.8	6980	75.8	6818	75.8	6702
97.0	5594	97.0	5449	97.0	5337
100.0	5420	100.0	5278	100.0	5166

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	9336	0.0	9079	0.0	8552
33.3	8182	33.3	7666	33.3	7214
75.8	6495	75.8	6258	75.8	5882
97.0	5155	97.0	4938	97.0	4636
100.0	4988	100.0	4774	100.0	4481

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	7912	0.0	7580	0.0	7848
33.3	6675	24.2	6844	6.1	7585
75.8	5442	27.3	6394	15.2	7332
97.0	4289	75.8	5213	18.2	6620
100.0	4146	97.0	4108	63.6	6185
		100.0	3971	66.7	5978
				69.7	5398
				97.0	4254
				100.0	4112
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	7460	0.0	7134	0.0	6781
12.1	6970	12.1	6896	9.1	6554
15.2	6737	15.2	6665	15.2	6335
21.2	6294	18.2	6442	27.3	5720
51.5	6083	21.2	6018	66.7	5529
54.5	5880	57.6	5817	69.7	4825
60.6	5683	60.6	5623	72.7	4664
63.6	5309	63.6	5435	97.0	3675
66.7	5132	66.7	4907	100.0	3552
93.9	4960	93.9	4743		
97.0	4044	97.0	3868		
100.0	3909	100.0	3738		

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6409	0.0	6238	0.0	6175
21.2	5883	15.2	6106	15.2	6044
24.2	5516	24.2	5976	21.2	5916
30.3	5399	30.3	5725	24.2	5790
72.7	5285	39.4	5368	39.4	5668
75.8	4955	42.4	5254	48.5	5547
78.8	4548	78.8	5143	51.5	5430
81.8	4357	81.8	4822	54.5	5202
100.0	4265	87.9	4240	84.8	5091
		100.0	4150	87.9	4198
				100.0	4109

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	6049	0.0	6025	0.0	6084
21.2	5918	15.2	5897	9.1	5955
27.3	5790	30.3	5772	18.2	5829
30.3	5664	33.3	5650	27.3	5705
33.3	5541	36.4	5530	30.3	5584
42.4	5076	42.4	5413	39.4	5465
93.9	4076	45.5	5075	42.4	5350
100.0	3988	90.9	4968	51.5	5125
		93.9	4096	84.8	5016
		100.0	4009	87.9	4704
				90.9	4136
				100.0	4048

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	6192	0.0	6577	0.0	8198
6.1	6061	9.1	6299	3.0	6767
12.1	5932	18.2	6165	6.1	6554
21.2	5683	27.3	6034	9.1	6347
33.3	5563	36.4	5905	18.2	6147
36.4	5445	42.4	5657	36.4	5954
42.4	5329	45.5	5536	45.5	5766
48.5	5216	81.8	5190	81.8	5585
84.8	5105	84.8	5079	87.9	5074
87.9	4997	87.9	4865	90.9	4610
90.9	4209	90.9	4464	100.0	4465
100.0	4120	100.0	4369		
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	20305	0.0	30834	0.0	20668
6.1	14856	3.0	25041	6.1	19075
9.1	7354	6.1	22567	9.1	17605
12.1	6802	9.1	20337	12.1	13840
18.2	6291	12.1	16516	15.2	12774
57.6	5818	15.2	7185	18.2	11789
90.9	4976	27.3	6475	21.2	10881
100.0	4602	81.8	5835	24.2	9268
		84.8	5259	27.3	7895
		97.0	4739	30.3	7287
		100.0	4271	36.4	6725
				81.8	6207
				84.8	5287
				97.0	4880
				100.0	4503

TABLE 22 (Continued)

FLOW DURATION DATA AT WATANA DAMSITE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	23535	0.0	16062
3.0	20113	9.1	14386
9.1	18593	15.2	12884
12.1	15890	21.2	12193
15.2	13580	27.3	10921
18.2	11606	30.3	10335
24.2	9918	33.3	9256
27.3	9169	36.4	7425
33.3	7836	60.6	7027
36.4	7244	69.7	6650
51.5	6697	75.8	6293
81.8	5723	81.8	5956
100.0	5291	100.0	5636

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	15653	0.0	16243	18564
6.1	12416	3.0	12849	14684
9.1	11717	6.1	10777	12316
15.2	10435	9.1	10163	11615
24.2	9848	18.2	9039	10330
30.3	9294	21.2	8524	9742
33.3	8277	27.3	8039	9188
36.4	7812	45.5	7582	8665
42.4	7372	66.7	7150	8171
69.7	6957	69.7	6743	7706
75.8	6566	72.7	5997	6854
78.8	5847	97.0	5656	6464
97.0	5518	100.0	5334	6096
100.0	5208			

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 23**

TABLE 23

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	13648	0.0	9809	0.0	10165
3.0	10304	15.2	9528	15.2	9760
6.1	9833	42.4	9256	33.3	9371
12.1	9383	48.5	8734	36.4	8997
36.4	8954	54.5	8241	45.5	8639
54.5	8544	60.6	8006	63.6	8294
60.6	8153	63.6	7554	66.7	7646
63.6	7780	69.7	7338	69.7	7342
69.7	7084	72.7	7128	78.8	7049
75.8	6760	78.8	6924	84.8	4888
81.8	6451	81.8	6726	100.0	4693
84.8	5874	84.8	5818		
100.0	5605	100.0	5651		

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	10287	0.0	10427	0.0	10833
15.2	9752	3.0	9713	3.0	10110
18.2	9245	60.6	9047	66.7	8218
54.5	8764	66.7	7850	84.8	7670
66.7	7875	84.8	7312	90.9	3589
69.7	7466	87.9	4448	93.9	3126
81.8	7077	90.9	3119	100.0	2917
87.9	3932	93.9	2905		
100.0	3727	100.0	2706		

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11194	0.0	11755	0.0	12165
3.0	10432	15.2	10928	27.3	11290
66.7	8444	69.7	8780	69.7	9024
97.0	3147	97.0	3163	97.0	3172
100.0	2933	100.0	2940	100.0	2944

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	12857	0.0	13047	0.0	12593
36.4	11638	33.3	12112	33.3	11854
69.7	9536	54.5	11669	36.4	11501
97.0	2141	69.7	9688	69.7	9593
100.0	1938	90.9	9335	72.7	9308
		97.0	6678	90.9	9031
		100.0	6435	97.0	7309
				100.0	7091

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11915	0.0	11593	0.0	11578
36.4	10878	42.4	10578	42.4	10565
66.7	10553	60.6	10260	60.6	10247
69.7	8796	72.7	8542	72.7	8533
90.9	8534	87.9	8285	84.8	8276
97.0	6901	97.0	6691	97.0	6684
100.0	6694	100.0	6490	100.0	6484

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	11566	0.0	11550	0.0	11490
42.4	10554	42.4	10538	42.4	10487
63.6	10238	60.6	10220	66.7	10172
72.7	8526	69.7	8508	72.7	8474
87.9	8270	84.8	8252	84.8	8220
97.0	6680	97.0	6662	97.0	6643
100.0	6480	100.0	6462	100.0	6444

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11541	0.0	11448	0.0	11400
39.4	10524	33.3	10446	33.3	10400
57.6	10206	69.7	10132	66.7	10086
75.8	8487	75.8	8435	75.8	8393
81.8	8230	81.8	8181	81.8	8140
97.0	6637	97.0	6606	97.0	6570
100.0	6437	100.0	6408	100.0	6372

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	11270	0.0	10740	0.0	10389
33.3	10280	33.3	9787	33.3	9461
54.5	9969	48.5	9488	39.4	9170
75.8	8294	75.8	7879	75.8	7604
81.8	8043	81.8	7639	81.8	7370
97.0	6490	97.0	6150	97.0	5923
100.0	6294	100.0	5962	100.0	5741

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10079	0.0	9885	0.0	9759
33.3	8879	33.3	8696	33.3	8550
75.8	7341	75.8	7175	72.7	8272
81.8	7112	78.8	6949	75.8	7012
97.0	5697	97.0	5553	78.8	6784
100.0	5519	100.0	5378	97.0	5383
				100.0	5208

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	9502	0.0	9259	0.0	9035
33.3	8312	33.3	8072	21.2	8714
57.6	8039	39.4	7800	33.3	7540
75.8	6802	75.8	6571	51.5	7273
78.8	6578	78.8	6350	75.8	6069
97.0	5206	93.9	6136	90.9	5854
100.0	5035	97.0	4995	97.0	4712
		100.0	4826	100.0	4544

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	8910	0.0	9968	0.0	10563
3.0	8579	3.0	9554	6.1	9843
27.3	8261	6.1	9157	12.1	9502
36.4	7955	18.2	8777	15.2	9173
39.4	7660	30.3	8413	33.3	8855
42.4	7375	33.3	8064	42.4	8548
51.5	7102	42.4	7408	51.5	8251
60.6	6838	51.5	7100	54.5	7965
75.8	6105	63.6	6806	63.6	7689
78.8	5879	72.7	6523	72.7	7423
84.8	5661	78.8	6252	78.8	6917
97.0	4512	81.8	5993	84.8	6446
100.0	4345	87.9	5744	87.9	6222
		90.9	5505	90.9	6007
		97.0	4646	93.9	5799
		100.0	4454	97.0	5598
				100.0	5404
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	11424	0.0	12042	0.0	11297
3.0	10953	3.0	10780	6.1	10481
9.1	10502	12.1	10390	9.1	9723
15.2	10069	15.2	10014	15.2	9483
21.2	9653	18.2	9651	33.3	9249
27.3	9255	45.5	9301	39.4	9021
45.5	8874	57.6	8964	45.5	8798
66.7	8508	75.8	7734	48.5	8581
69.7	8157	78.8	7184	57.6	8369
75.8	7189	84.8	6924	69.7	8162
81.8	6893	87.9	6673	75.8	7961
84.8	6336	90.9	6199	84.8	7764
87.9	6075	100.0	5974	93.9	7572
90.9	5824			97.0	7203
93.9	5584			100.0	7025
97.0	5354				
100.0	5133				

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11050	0.0	10440	0.0	9796
3.0	10762	6.1	10196	3.0	9645
6.1	10481	12.1	9957	6.1	9351
9.1	10208	15.2	9724	12.1	9207
18.2	9942	21.2	9496	21.2	9066
21.2	9682	33.3	9274	36.4	8927
27.3	9430	42.4	9057	51.5	8654
30.3	8944	48.5	8637	54.5	8521
51.5	8711	63.6	8435	63.6	8390
60.6	8484	69.7	8238	69.7	8261
75.8	8263	75.8	8045	72.7	8009
78.8	8047	81.8	7856	81.8	7886
87.9	7837	87.9	7493	90.9	7646
93.9	7434	97.0	6815	93.9	7413
97.0	6867	100.0	6655	100.0	7299
100.0	6688				

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	8784	0.0	9227	0.0	9465
3.0	8678	3.0	8734	3.0	9132
12.1	8469	9.1	8575	6.1	8810
15.2	8367	15.2	8419	12.1	8653
24.2	8266	27.3	8266	24.2	8348
39.4	8166	39.4	8116	36.4	8200
45.5	8067	60.6	7969	51.5	8054
57.6	7970	78.8	7824	72.7	7911
69.7	7873	87.9	7271	75.8	7770
78.8	7778	90.9	7139	81.8	7632
84.8	7409	93.9	6882	84.8	7496
87.9	7319	97.0	6634	87.9	7363
93.9	7057	100.0	6513	90.9	7104
100.0	6972			93.9	6977
				97.0	6853
				100.0	6731

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	9164	0.0	9737	0.0	9586
3.0	9013	3.0	9548	6.1	9245
6.1	8719	9.1	9182	12.1	8916
15.2	8575	15.2	9004	18.2	8756
21.2	8434	21.2	8658	24.2	8599
24.2	8295	24.2	8491	36.4	8445
39.4	8159	42.4	8326	48.5	8293
48.5	8025	57.6	8165	66.7	8145
60.6	7892	60.6	8007	69.7	7999
75.8	7763	69.7	7852	72.7	7855
81.8	7635	72.7	7700	81.8	7714
84.8	7509	84.8	7550	84.8	7306
87.9	7385	87.9	7404	90.9	7047
90.9	7144	93.9	7120	97.0	6920
93.9	7027	97.0	6847	100.0	6796
97.0	6797	100.0	6714		
100.0	6685				

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	23980	0.0	35577	0.0	23856
3.0	22455	3.0	29950	3.0	22377
6.1	21027	6.1	23134	6.1	19688
9.1	13275	12.1	19475	12.1	17322
12.1	9557	15.2	11619	15.2	13409
21.2	8950	18.2	9781	18.2	11066
48.5	8380	21.2	8975	21.2	9737
84.8	7848	63.6	8234	27.3	9133
90.9	7348	87.9	7555	54.5	8567
100.0	6881	100.0	6932	75.8	8036
				87.9	7537
				100.0	7070

TABLE 23 (Continued)

FLOW DURATION DATA AT DEVIL CANYON  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	27062	0.0	20121
3.0	23170	3.0	18626
9.1	18356	6.1	17241
12.1	16985	9.1	15960
15.2	14542	12.1	14774
21.2	13456	21.2	13676
24.2	12451	30.3	10847
27.3	11521	36.4	10041
30.3	10660	39.4	9295
36.4	9864	57.6	8604
45.5	9127	69.7	6825
51.5	8445	84.8	6317
66.7	7814	93.9	5848
84.8	7231	97.0	5011
93.9	6691	100.0	4638
100.0	6191		

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	19608	0.0	18509	21153
3.0	18215	3.0	15159	17325
6.1	13567	6.1	13270	15166
12.1	12603	9.1	11617	13276
15.2	11708	18.2	10169	11622
27.3	10877	21.2	9515	10874
33.3	10104	48.5	8902	10174
39.4	9387	66.7	8329	9519
57.6	8720	75.8	7793	8906
69.7	8101	78.8	6822	7796
72.7	7526	84.8	5972	6825
75.8	6495	93.9	5587	6386
81.8	6033	100.0	5228	5975
84.8	5605			
97.0	5207			
100.0	4837			

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 24**

TABLE 24

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10638	0.0	10930
3.0	10744	12.1	10321	9.1	10489
9.1	10234	18.2	10014	21.2	10065
33.3	9748	33.3	9717	36.4	9659
48.5	9285	48.5	9428	42.4	9269
60.6	8845	51.5	9147	48.5	8895
66.7	8425	54.5	8875	60.6	8535
69.7	8025	57.6	8355	66.7	8191
72.7	7644	63.6	8107	69.7	7860
75.8	7281	69.7	7865	75.8	7543
81.8	6936	75.8	7405	81.8	7238
84.8	6293	81.8	7184	84.8	5205
100.0	5994	84.8	6178	100.0	4995
		100.0	5994		

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	10764	0.0	10696	0.0	11115
21.2	9698	9.1	10003	9.1	10374
45.5	9205	48.5	9355	54.5	9683
66.7	8293	66.7	8183	66.7	8435
69.7	7872	75.8	7653	81.8	7873
81.8	7472	87.9	4479	90.9	3686
84.8	7092	90.9	3205	93.9	3440
87.9	4210	100.0	2997	97.0	3211
100.0	3996			100.0	2997

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11405	0.0	12109	0.0	12531
12.1	10631	15.2	11251	27.3	11622
66.7	9236	66.7	10454	69.7	9997
72.7	8608	69.7	9025	72.7	9272
90.9	8024	90.9	8385	97.0	3231
97.0	3215	97.0	3226	100.0	2997
100.0	2997	100.0	2997		

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	13303	0.0	13427	0.0	12877
33.3	12040	18.2	12924	24.2	12484
69.7	9862	33.3	12439	33.3	12103
97.0	2208	36.4	11972	36.4	11734
100.0	1998	69.7	10274	63.6	11376
		72.7	9888	69.7	9744
		84.8	9517	75.8	9446
		97.0	6746	90.9	9158
		100.0	6493	97.0	7373
				100.0	7148

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	12144	0.0	11796	0.0	11775
33.3	11775	39.4	11437	42.4	10734
36.4	11069	42.4	10752	54.5	10408
63.6	10732	57.6	10425	72.7	8649
69.7	9196	72.7	8661	84.8	8387
72.7	8916	87.9	8398	97.0	6758
90.9	8645	97.0	6765	100.0	6552
97.0	6963	100.0	6559		
100.0	6751				

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	11769	0.0	11756	0.0	11702
42.4	10728	42.4	10713	42.4	10667
57.6	10401	54.5	10386	57.6	10342
72.7	8642	69.7	8625	72.7	8593
87.9	8380	78.8	8362	81.8	8332
97.0	6751	97.0	6732	97.0	6713
100.0	6545	100.0	6526	100.0	6508

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	11787	0.0	11642	0.0	11594
39.4	10729	33.3	10609	33.3	10563
51.5	10398	51.5	10286	51.5	10240
75.8	8615	75.8	8542	75.8	8500
81.8	8349	81.8	8281	81.8	8240
97.0	6704	97.0	6668	97.0	6631
100.0	6498	100.0	6465	100.0	6429

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	11454	0.0	10908	0.0	10556
33.3	10436	33.3	9929	33.3	9602
51.5	10117	42.4	9623	36.4	9303
75.8	8398	75.8	7973	75.8	7698
81.8	8141	81.8	7727	81.8	7459
97.0	6551	97.0	6205	97.0	5980
100.0	6351	100.0	6014	100.0	5794

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10288	0.0	10094	0.0	10263
33.3	9043	33.3	8860	9.1	9907
63.6	8756	57.6	8576	33.3	8911
75.8	7452	75.8	7285	39.4	8602
81.8	7215	81.8	7052	75.8	7210
90.9	6986	90.9	6825	78.8	6960
97.0	5757	97.0	5613	90.9	6718
100.0	5574	100.0	5433	97.0	5435
				100.0	5247

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	10006	0.0	9816	0.0	9542
12.1	9655	9.1	9461	9.1	9183
33.3	8370	33.3	8471	30.3	8837
63.6	8077	39.4	8165	33.3	8505
75.8	7002	63.6	7870	36.4	7877
78.8	6756	75.8	6547	51.5	7580
90.9	6519	90.9	6310	63.6	7295
97.0	5262	97.0	5059	75.8	6502
100.0	5078	100.0	4876	78.8	6258
				87.9	6022
				97.0	4784
				100.0	4604

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	10720	0.0	12471	0.0	12704
3.0	9773	3.0	10685	6.1	12211
6.1	9332	9.1	10148	9.1	11283
12.1	8910	15.2	9638	12.1	10846
30.3	8508	27.3	9154	24.2	10425
39.4	8124	36.4	8694	30.3	9633
42.4	7757	39.4	8258	45.5	9259
51.5	7406	48.5	7843	54.5	8900
57.6	7072	51.5	7449	57.6	8555
75.8	6752	63.6	7075	66.7	8224
78.8	6156	75.8	6719	75.8	7905
84.8	5878	81.8	6382	78.8	7599
93.9	5613	87.9	6061	81.8	7304
97.0	4665	90.9	5757	84.8	7021
100.0	4455	97.0	4932	87.9	6749
		100.0	4684	90.9	6487
				93.9	6236
				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	14458	0.0	16903	0.0	14734
3.0	13824	3.0	15311	3.0	12953
9.1	13217	6.1	14572	9.1	12146
12.1	12637	9.1	13869	15.2	11388
15.2	12082	15.2	12563	27.3	11027
24.2	11552	21.2	11956	36.4	10678
27.3	11045	39.4	11379	48.5	10340
33.3	10560	51.5	10830	57.6	10012
51.5	10096	66.7	10308	60.6	9695
60.6	9653	75.8	9810	63.6	9388
66.7	9229	78.8	8049	69.7	9090
69.7	8824	87.9	7661	90.9	8524
72.7	8437	93.9	6939	93.9	8253
75.8	8066	100.0	6604	100.0	7992
81.8	7374				
84.8	7050				
87.9	6741				
93.9	6445				
100.0	6162				

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	13786	0.0	13801	0.0	12620
3.0	13396	3.0	13030	3.0	12027
6.1	13017	9.1	12660	6.1	11741
9.1	12649	15.2	11953	15.2	11190
21.2	11943	24.2	11614	24.2	10924
24.2	11605	27.3	11285	39.4	10665
33.3	11277	36.4	10965	51.5	10412
36.4	10958	42.4	10654	54.5	10164
45.5	10648	48.5	10352	60.6	9457
48.5	10347	54.5	10059	63.6	9232
54.5	10054	57.6	9774	69.7	9013
60.6	9770	60.6	9497	93.9	8186
69.7	9494	63.6	9228	100.0	7992
75.8	9225	90.9	8225		
90.9	8464	100.0	7992		
93.9	8225				
100.0	7992				

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	11021	0.0	12119	0.0	13329
3.0	10300	6.1	10626	3.0	11969
15.2	10127	9.1	10396	6.1	11040
21.2	9790	12.1	10170	9.1	10747
30.3	9626	18.2	9950	15.2	10461
33.3	9465	24.2	9734	21.2	10183
36.4	9306	30.3	9523	24.2	9913
42.4	9150	36.4	9317	30.3	9649
90.9	8997	45.5	9115	33.3	9393
93.9	8128	90.9	8169	36.4	9144
100.0	7992	100.0	7992	90.9	8664
				93.9	8210
				100.0	7992

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	12610	0.0	12272	0.0	11760
3.0	11455	3.0	11998	3.0	11064
6.1	11184	6.1	11731	9.1	10623
9.1	10660	9.1	11213	12.1	10409
12.1	10407	15.2	10962	15.2	10200
18.2	9919	21.2	10479	21.2	9995
21.2	9684	24.2	10016	27.3	9794
27.3	9230	33.3	9792	30.3	9597
45.5	9011	36.4	9574	42.4	9403
90.9	8385	42.4	9360	45.5	9214
93.9	8186	48.5	9151	51.5	9029
100.0	7992	93.9	8174	90.9	8495
		100.0	7992	93.9	8156
				100.0	7992

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	26026	0.0	37066	0.0	24996
3.0	24458	3.0	31538	3.0	23540
6.1	22984	6.1	24753	6.1	20878
9.1	16846	9.1	22833	9.1	19661
12.1	11603	12.1	21062	12.1	18516
15.2	10904	15.2	15248	15.2	14564
21.2	10247	18.2	11039	21.2	10789
30.3	9630	21.2	10183	24.2	10160
51.5	9050	45.5	9393	45.5	9569
90.9	8504	90.9	8664	57.6	9011
100.0	7992	100.0	7992	90.9	8486
				100.0	7992

TABLE 24 (Continued)

FLOW DURATION DATA AT GOLD CREEK  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	29100	0.0	22451
3.0	23729	3.0	21115
9.1	19349	6.1	18675
12.1	18077	9.1	17563
15.2	16888	12.1	15534
18.2	15778	21.2	14609
21.2	14740	27.3	13739
24.2	13771	30.3	12151
27.3	12020	33.3	11428
36.4	11229	45.5	10747
45.5	10491	51.5	10107
51.5	9801	54.5	9505
60.6	9157	66.7	8939
66.7	8555	69.7	7436
100.0	7992	100.0	6993

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	21879	0.0	19831	22664
3.0	19091	3.0	16417	18762
6.1	14536	6.1	14474	16542
9.1	13579	9.1	12761	14585
15.2	12684	15.2	11983	13694
27.3	11849	21.2	10565	12074
33.3	11068	33.3	9920	11337
48.5	10339	60.6	9314	10645
54.5	9658	72.7	8746	9995
66.7	9022	78.8	7711	8813
72.7	8427	81.8	7240	8275
75.8	7872	84.8	6384	7296
81.8	6417	100.0	5994	6850
100.0	5994			

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 25**

TABLE 25

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	27391	0.0	20721
3.0	30061	3.0	26050	6.1	19779
6.1	25876	6.1	24775	12.1	18880
9.1	24615	9.1	22408	21.2	18022
15.2	23416	21.2	21311	30.3	17203
27.3	22274	24.2	20267	39.4	16421
36.4	21189	36.4	19275	57.6	15674
39.4	20156	45.5	18331	66.7	14962
60.6	19174	54.5	17434	69.7	14282
69.7	18239	60.6	16580	75.8	13633
75.8	17350	66.7	15768	81.8	13013
78.8	16505	78.8	14996	84.8	12421
81.8	15700	84.8	14262	87.9	11857
87.9	14935	93.9	13563	90.9	11318
93.9	14207	97.0	11096	93.9	9844
97.0	13515	100.0	10552	97.0	8969
100.0	12856			100.0	8561

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	20333	0.0	16459	0.0	16373
3.0	18290	9.1	15701	6.1	15552
6.1	17347	24.2	14977	18.2	14772
15.2	16452	42.4	14287	39.4	14031
33.3	15604	54.5	13629	51.5	13328
51.5	14799	60.6	13001	60.6	12659
63.6	14036	72.7	12402	81.8	10849
72.7	13312	81.8	11285	87.9	10305
78.8	12626	84.8	10765	90.9	7967
81.8	11975	87.9	8503	93.9	6485
84.8	11357	90.9	7381	100.0	6160
87.9	10771	97.0	7041		
90.9	9189	100.0	6716		
93.9	8716				
97.0	7840				
100.0	7436				

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	15851	0.0	16042	0.0	16617
9.1	15008	15.2	15144	12.1	15622
24.2	14209	30.3	14296	27.3	14688
51.5	13453	57.6	13496	54.5	13809
63.6	12737	66.7	12741	69.7	12983
78.8	12060	78.8	12028	81.8	11476
84.8	11418	84.8	11354	97.0	5473
87.9	10810	97.0	5688	100.0	5146
97.0	5925				
100.0	5609	100.0	5370		

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	17140	0.0	16863	0.0	15958
9.1	15884	3.0	16264	9.1	15495
33.3	14719	12.1	15687	18.2	15046
66.7	13640	33.3	15129	33.3	14610
72.7	12641	42.4	14592	48.5	14186
84.8	11714	63.6	14074	66.7	12988
97.0	4354	66.7	13574	69.7	12612
100.0	4035	69.7	13092	72.7	12246
		72.7	12627	81.8	11891
		81.8	12179	90.9	11211
		87.9	11746	97.0	9397
		97.0	8796	100.0	9125
		100.0	8484		

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	15170	0.0	14665	0.0	14296
12.1	14732	9.1	14241	18.2	13896
18.2	14306	33.3	13830	36.4	13507
33.3	13893	36.4	13430	42.4	13129
45.5	13492	48.5	13042	51.5	12762
63.6	13102	51.5	12666	60.6	12405
66.7	12356	66.7	12300	69.7	12057
69.7	11999	69.7	11944	72.7	11073
72.7	11652	72.7	11599	78.8	10763
81.8	11315	75.8	10939	90.9	10462
90.9	10671	90.9	10623	93.9	10169
97.0	8950	93.9	10018	97.0	8577
100.0	8691	97.0	8653	100.0	8337
		100.0	8403		

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	14324	0.0	14330	0.0	13984
9.1	13921	9.1	13925	15.2	13603
33.3	13530	33.3	13530	33.3	13232
42.4	13149	39.4	13147	45.5	12871
48.5	12779	45.5	12775	48.5	12520
57.6	12419	54.5	12413	60.6	12179
69.7	11730	66.7	12062	72.7	10607
72.7	11080	69.7	10753	84.8	10318
75.8	10768	84.8	10449	87.9	10036
87.9	10465	87.9	10153	93.9	9763
93.9	10170	90.9	9865	97.0	8503
97.0	8570	97.0	8546	100.0	8271
100.0	8329	100.0	8304		

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	13838	0.0	13612	0.0	13461
21.2	13466	27.3	13251	27.3	13102
36.4	13104	36.4	12559	36.4	12413
42.4	12752	48.5	12226	45.5	12082
45.5	12409	60.6	11903	57.6	11759
57.6	12075	75.8	10408	75.8	10273
75.8	10537	78.8	10132	84.8	9999
84.8	10254	87.9	9864	90.9	9732
87.9	9979	93.9	9603	93.9	9472
93.9	9710	97.0	8397	97.0	8275
97.0	8474	100.0	8175	100.0	8054
100.0	8246				

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	13291	0.0	12874	0.0	12643
24.2	12938	15.2	12524	6.1	12292
33.3	12594	30.3	12184	27.3	11951
39.4	12259	33.3	11853	33.3	11620
48.5	11934	39.4	11532	36.4	11298
60.6	11617	51.5	11218	42.4	10985
72.7	11308	63.6	10914	60.6	10680
75.8	10153	75.8	9776	72.7	10384
81.8	9883	78.8	9510	75.8	9544
84.8	9620	81.8	9252	78.8	9280
93.9	9365	90.9	9001	84.8	9022
97.0	8185	97.0	7843	90.9	8772
100.0	7967	100.0	7630	97.0	7622
				100.0	7411

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	12191	0.0	11896	0.0	12489
12.1	11857	18.2	11573	3.0	12104
27.3	11532	30.3	11259	9.1	11732
30.3	11216	33.3	10953	24.2	11371
36.4	10909	36.4	10655	30.3	11021
42.4	10610	42.4	10366	33.3	10682
57.6	10320	63.6	10084	45.5	10353
72.7	10037	72.7	9810	60.6	10034
75.8	8981	75.8	8787	72.7	9726
81.8	8735	78.8	8549	75.8	8855
87.9	8496	87.9	8316	78.8	8583
97.0	7394	97.0	7247	84.8	8319
100.0	7192	100.0	7050	93.9	8063
				97.0	7115
				100.0	6896
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	12363	0.0	12312	0.0	12822
3.0	11620	6.1	11589	3.0	12436
21.2	11265	18.2	11243	9.1	12061
30.3	10921	27.3	10908	15.2	11698
33.3	10588	33.3	10583	18.2	11346
36.4	10264	45.5	10267	27.3	11004
57.6	9951	51.5	9961	39.4	10673
66.7	9647	60.6	9664	45.5	10039
75.8	8522	66.7	9376	48.5	9737
81.8	8262	75.8	8825	54.5	9444
90.9	8009	78.8	8307	72.7	9159
97.0	7075	87.9	8059	78.8	8884
100.0	6859	93.9	7819	84.8	8105
		97.0	7140	93.9	7861
		100.0	6927	97.0	7395
				100.0	7172

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	20419	0.0	33133	0.0	44629
3.0	18439	3.0	30950	3.0	38069
6.1	17521	9.1	28911	6.1	35160
9.1	15822	12.1	25226	9.1	32473
12.1	14287	15.2	22011	15.2	29991
15.2	13576	21.2	20561	18.2	27699
27.3	12901	24.2	19206	39.4	25583
36.4	12259	30.3	17940	42.4	23628
45.5	11649	33.3	16758	54.5	21822
54.5	11070	48.5	15654	63.6	20155
60.6	10519	54.5	14622	69.7	18615
69.7	9996	57.6	13659	75.8	17192
81.8	9499	66.7	12759	81.8	15878
87.9	8577	75.8	11133	87.9	14665
93.9	8151	84.8	10399	90.9	13544
100.0	7745	97.0	9714	93.9	12509
		100.0	9074	97.0	10671
				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	54473	0.0	50486	0.0	96290
3.0	50732	15.2	48164	3.0	66417
6.1	47249	21.2	45950	6.1	61662
9.1	38169	24.2	43838	9.1	53149
18.2	35548	33.3	41822	21.2	49344
24.2	30834	39.4	39899	33.3	45812
39.4	28717	45.5	38065	36.4	42532
63.6	26745	57.6	36315	39.4	39487
75.8	24909	63.6	34645	51.5	36660
78.8	20122	66.7	33053	78.8	31599
87.9	18741	69.7	31533	93.9	29337
90.9	17454	72.7	30083	97.0	25287
93.9	16256	75.8	28700	100.0	23477
97.0	15139	81.8	26122		
100.0	14100	84.8	24921		
		90.9	22682		
		93.9	21639		
		100.0	20644		

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	79824	0.0	75548	0.0	76248
6.1	68262	3.0	66652	3.0	71012
12.1	64793	6.1	63927	6.1	68530
15.2	61501	9.1	61312	9.1	61593
18.2	58375	12.1	56400	12.1	59440
24.2	55409	18.2	54093	15.2	53423
27.3	52593	21.2	51881	27.3	51556
36.4	49920	39.4	47724	36.4	49754
39.4	47383	48.5	45772	51.5	48015
54.5	44975	63.6	43900	66.7	46337
63.6	42690	72.7	40383	69.7	44718
66.7	40520	78.8	38731	81.8	43155
75.8	38461	84.8	35628	84.8	41646
78.8	36506	100.0	34171	87.9	40191
87.9	32890			100.0	38786
97.0	31219				
100.0	29632				
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	56679	0.0	85561	0.0	77105
3.0	55391	3.0	66125	3.0	71125
9.1	54133	6.1	63346	9.1	68312
15.2	52904	9.1	60683	12.1	60521
18.2	51702	12.1	58132	15.2	58127
24.2	49381	21.2	55688	21.2	55827
27.3	48259	27.3	53348	33.3	53619
36.4	47163	39.4	51105	42.4	51498
45.5	46092	54.5	48957	51.5	49460
60.6	45045	57.6	46899	63.6	47504
69.7	44022	63.6	44927	69.7	45624
81.8	42045	75.8	43039	78.8	43819
84.8	41090	90.9	41230	81.8	42086
93.9	40157	97.0	39496	84.8	40421
97.0	37483	100.0	37836	90.9	38822
100.0	36631			93.9	37286
				100.0	35811

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	67119	0.0	65755	0.0	75626
3.0	64742	6.1	63389	3.0	63285
6.1	60237	9.1	61109	6.1	60528
12.1	56045	12.1	58911	9.1	57892
24.2	54060	18.2	56791	15.2	55370
30.3	52145	27.3	54748	18.2	52958
42.4	50298	30.3	52779	30.3	50651
54.5	48517	36.4	50880	42.4	48445
60.6	46798	45.5	49050	45.5	46335
66.7	45141	54.5	47285	60.6	44316
72.7	43542	66.7	45584	75.8	42386
75.8	42000	75.8	43944	84.8	40540
87.9	40512	84.8	40839	87.9	38774
90.9	37693	90.9	39370	93.9	35469
97.0	35070	93.9	36589	97.0	33924
100.0	33828	97.0	34003	100.0	32447
		100.0	32780		

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	96005	0.0	82929	0.0	61032
3.0	81707	9.1	60364	6.1	57351
6.1	64152	15.2	55757	9.1	53892
12.1	59183	18.2	51501	12.1	47587
15.2	54598	27.3	47570	15.2	42020
36.4	50369	39.4	43939	27.3	39485
39.4	46467	57.6	40586	39.4	37104
54.5	42868	63.6	37488	57.6	34866
69.7	39547	84.8	34627	66.7	32763
84.8	36484	87.9	31984	84.8	30787
90.9	33657	97.0	19863	87.9	28930
93.9	31050	100.0	18347	93.9	27185
97.0	22490			97.0	19918
100.0	20748			100.0	18716

TABLE 25 (Continued)

FLOW DURATION DATA AT SUNSHINE  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	60065	0.0	52385
3.0	56657	6.1	49362
6.1	50410	9.1	46513
9.1	44851	15.2	43829
21.2	39906	18.2	41299
30.3	37642	21.2	38916
39.4	35506	24.2	36670
42.4	33491	30.3	34553
57.6	31591	39.4	32559
69.7	29798	51.5	30680
75.8	28107	63.6	28909
84.8	25008	66.7	27241
87.9	23589	75.8	25669
90.9	22251	81.8	22791
97.0	20988	93.9	21476
100.0	19797	97.0	17968
		100.0	16931

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	57970	0.0	67135	76726
3.0	53842	3.0	38731	44264
6.1	43140	6.1	35338	40386
9.1	40069	12.1	32242	36848
12.1	37216	21.2	29418	33620
18.2	34566	27.3	26841	30675
24.2	32104	45.5	24489	27988
30.3	29818	57.6	22344	25536
45.5	27695	72.7	20387	23299
54.5	25723	84.8	16971	19396
66.7	23892	93.9	14128	16146
75.8	22190	97.0	12890	14732
81.8	20610	100.0	11761	13441
87.9	19143			
93.9	16514			
97.0	15338			
100.0	14246			

1/ The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

2/ The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

**TABLE 26**

TABLE 26

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	68330	0.0	83048	0.0	58366
9.1	64469	3.0	70642	9.1	54908
12.1	60826	6.1	60089	12.1	48595
18.2	54145	9.1	55419	15.2	45716
21.2	51085	15.2	51112	18.2	40459
24.2	48198	24.2	47140	21.2	38062
42.4	42904	30.3	43477	33.3	35807
45.5	40480	42.4	40098	54.5	33686
51.5	36034	51.5	36982	60.6	31690
60.6	33997	66.7	34108	72.7	29813
66.7	32076	75.8	31457	75.8	28046
78.8	30263	84.8	29013	87.9	26385
87.9	26939	87.9	26758	90.9	23351
97.0	23981	90.9	24679	93.9	19442
100.0	22625	93.9	19361	100.0	18290
		100.0	17856		
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	50049	0.0	43971	0.0	44455
6.1	47157	3.0	39377	3.0	36007
9.1	44432	6.1	35262	6.1	31287
15.2	39445	9.1	31578	15.2	29164
18.2	37166	24.2	29883	24.2	27185
24.2	35018	30.3	28278	36.4	25341
27.3	32994	36.4	26760	45.5	23622
36.4	31088	42.4	25324	57.6	22019
42.4	29291	51.5	23964	69.7	20525
57.6	27598	63.6	22678	78.8	19133
78.8	26004	72.7	20308	87.9	17835
81.8	23085	81.8	19218	90.9	15497
84.8	21751	90.9	17210	97.0	12552
87.9	20494	97.0	16286	100.0	11700
90.9	19310	100.0	15412		
93.9	18194				
97.0	17142				
100.0	16152				

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	42617	0.0	30646	0.0	29608
3.0	29816	3.0	27129	6.1	27945
9.1	27760	6.1	25525	9.1	26375
18.2	25846	12.1	24016	12.1	24894
30.3	24064	33.3	22596	15.2	23496
33.3	22405	39.4	21260	30.3	22176
45.5	20860	45.5	20003	51.5	20931
63.6	19422	60.6	18821	54.5	19755
75.8	18083	63.6	17708	60.6	18646
84.8	16836	84.8	16661	75.8	17599
97.0	11779	97.0	10232	93.9	15677
100.0	10967	100.0	9627	97.0	10461
				100.0	9873

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	27336	0.0	25768	0.0	23506
3.0	23622	3.0	22642	3.0	21852
9.1	21959	9.1	21687	9.1	21069
33.3	20413	21.2	20772	18.2	20314
57.6	18975	36.4	19896	30.3	19586
63.6	17639	51.5	19056	33.3	18885
87.9	16397	57.6	18252	51.5	18208
93.9	15243	69.7	17482	57.6	17556
97.0	7344	78.8	16745	69.7	16927
100.0	6827	87.9	16038	81.8	16321
		93.9	15362	90.9	15736
		97.0	11861	93.9	14105
		100.0	11361	97.0	12190
				100.0	11753

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	21941	0.0	20945	0.0	20147
3.0	21190	3.0	19751	3.0	19146
6.1	20464	9.1	19180	9.1	18664
9.1	19764	27.3	18625	24.2	18194
15.2	19087	39.4	18086	36.4	17736
33.3	18434	48.5	17563	39.4	17290
42.4	17802	54.5	17055	60.6	16855
51.5	17193	72.7	16562	75.8	16017
66.7	16604	78.8	16083	81.8	15614
78.8	16036	84.8	15166	84.8	15221
90.9	14957	87.9	14727	87.9	14464
93.9	13472	90.9	14301	93.9	13062
97.0	11720	93.9	12717	97.0	12733
100.0	11319	97.0	12349	100.0	12413
		100.0	11992		

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	19719	0.0	19349	0.0	19218
3.0	18825	3.0	18901	3.0	18380
6.1	18394	6.1	18464	12.1	17975
24.2	17972	12.1	18037	21.2	17579
33.3	17560	30.3	17619	33.3	17191
51.5	17158	45.5	17211	48.5	16812
60.6	16764	51.5	16813	60.6	16442
66.7	16380	60.6	16424	66.7	16079
75.8	16005	69.7	16043	75.8	15725
78.8	15638	72.7	15672	81.8	15378
90.9	14587	84.8	15309	84.8	15039
93.9	13926	87.9	14955	87.9	14707
97.0	12990	90.9	14609	97.0	12866
100.0	12692	93.9	13940	100.0	12582
		97.0	12693		
		100.0	12400		

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	19139	0.0	19435	0.0	19755
6.1	18732	6.1	18520	3.0	19257
9.1	18334	12.1	17647	6.1	18772
18.2	17945	15.2	17226	9.1	17838
24.2	17563	33.3	16816	18.2	17388
39.4	17190	48.5	16415	21.2	16950
48.5	16825	54.5	16023	42.4	16523
57.6	16467	63.6	15641	45.5	16106
66.7	16117	78.8	15268	60.6	15701
72.7	15775	84.8	14904	72.7	15305
75.8	15439	90.9	13863	81.8	14919
84.8	15111	93.9	13533	87.9	14543
90.9	14476	97.0	12588	90.9	14177
93.9	14168	100.0	12288	93.9	13132
97.0	13002			97.0	12478
100.0	12725			100.0	12164

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	19030	0.0	18490	0.0	18126
9.1	17293	6.1	18040	3.0	17212
12.1	16884	9.1	16350	6.1	16773
24.2	16485	18.2	15952	9.1	16344
36.4	16095	24.2	15565	12.1	15927
45.5	15714	42.4	15187	18.2	15520
54.5	15342	54.5	14818	21.2	15124
66.7	14980	63.6	14458	33.3	14738
72.7	14625	69.7	14106	48.5	14361
87.9	14280	75.8	13764	60.6	13995
90.9	13612	84.8	13429	66.7	13637
93.9	13290	90.9	13103	78.8	13289
97.0	12369	93.9	12474	87.9	12950
100.0	12077	97.0	11875	90.9	12619
		100.0	11586	93.9	11983
				97.0	11378
				100.0	11088

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	17350	0.0	17445	0.0	18010
3.0	16921	3.0	16985	3.0	17018
6.1	16502	6.1	16101	6.1	16542
9.1	15696	12.1	14861	9.1	15631
12.1	15307	27.3	14469	15.2	15194
18.2	14928	33.3	14088	18.2	14770
24.2	14559	42.4	13716	24.2	14357
33.3	14199	51.5	13354	27.3	13956
48.5	13847	69.7	13002	39.4	13566
51.5	13505	84.8	12659	54.5	13187
72.7	13171	87.9	12326	69.7	12819
81.8	12845	90.9	12000	75.8	12461
84.8	12527	93.9	11076	81.8	12113
93.9	11332	97.0	10784	87.9	11774
97.0	11052	100.0	10499	90.9	11445
100.0	10778			93.9	11125
				97.0	10815
				100.0	10512

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	18485	0.0	19811	0.0	23329
3.0	16372	3.0	17365	3.0	21551
6.1	15882	6.1	16802	6.1	20713
12.1	15407	12.1	16258	9.1	17675
15.2	14947	15.2	15731	15.2	16988
18.2	14500	18.2	14728	21.2	16328
24.2	14067	24.2	14251	27.3	15693
30.3	13646	30.3	13789	33.3	15083
45.5	13238	42.4	13342	39.4	14496
54.5	12842	51.5	12910	51.5	13933
72.7	12459	69.7	12491	69.7	13391
75.8	12086	75.8	12087	72.7	12871
84.8	11374	78.8	11695	78.8	12370
93.9	11034	84.8	11316	84.8	11889
97.0	10705	87.9	10949	90.9	11427
100.0	10385	100.0	10594	100.0	10983

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	49339	0.0	94713	0.0	85595
6.1	45115	6.1	85112	12.1	80385
9.1	41253	9.1	76484	15.2	75492
12.1	37721	15.2	68731	21.2	70897
18.2	31539	24.2	61764	24.2	66582
24.2	28839	27.3	55503	33.3	58724
33.3	26370	33.3	44821	51.5	55149
42.4	24112	45.5	40277	60.6	51793
48.5	20160	48.5	36194	72.7	48640
57.6	18434	51.5	32525	75.8	45680
63.6	16856	60.6	29228	78.8	42899
69.7	15413	66.7	26265	84.8	40288
72.7	14094	72.7	23603	87.9	37836
75.8	12887	75.8	21210	90.9	35533
84.8	11784	90.9	15392	93.9	29432
93.9	10775	97.0	13832	97.0	27640
97.0	9852	100.0	12430	100.0	25958
100.0	9009				

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	84594	0.0	113120	0.0	133379
15.2	80674	6.1	105183	6.1	126305
18.2	76936	18.2	97803	9.1	119606
21.2	73372	27.3	84560	15.2	107255
24.2	69972	42.4	78627	30.3	101566
36.4	66730	51.5	73111	36.4	96179
45.5	63638	60.6	67981	45.5	91078
57.6	60690	66.7	63211	60.6	86248
69.7	57878	75.8	58776	63.6	81673
72.7	55196	81.8	54652	66.7	77342
90.9	52638	93.9	47252	78.8	73240
93.9	50200	97.0	30539	81.8	69355
97.0	36014	100.0	28397	84.8	65677
100.0	34346			90.9	62193
				93.9	58895
				97.0	50012
				100.0	47360

TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

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	147431	0.0	145697	0.0	152735
6.1	137765	3.0	132786	3.0	147476
9.1	128733	6.1	126766	6.1	132761
12.1	112406	9.1	121019	9.1	123776
18.2	105037	18.2	115533	21.2	119514
30.3	98151	21.2	110295	27.3	115399
39.4	91716	30.3	100521	36.4	111426
48.5	85703	45.5	95964	54.5	107589
66.7	80084	63.6	91613	69.7	103885
69.7	74833	75.8	87460	78.8	100308
81.8	69927	78.8	83495	84.8	96854
84.8	65343	84.8	79710	93.9	87190
90.9	61059	87.9	72646	97.0	81289
93.9	57056	93.9	69353	100.0	78490
97.0	43501	97.0	63207		
100.0	40649	100.0	60342		

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	146073	0.0	168379	0.0	167887
3.0	141654	3.0	149431	3.0	161405
6.1	137368	9.1	143601	9.1	149183
9.1	133211	12.1	137998	15.2	143423
12.1	125272	18.2	132615	18.2	137886
21.2	121482	33.3	127441	21.2	132563
27.3	117806	36.4	122469	27.3	127445
30.3	114242	45.5	117691	30.3	122524
42.4	110785	48.5	113100	36.4	117794
51.5	104182	63.6	108687	45.5	113246
63.6	101030	69.7	104447	57.6	108874
69.7	95009	72.7	100372	72.7	104671
75.8	92134	78.8	96456	78.8	96744
87.9	89347	84.8	92693	81.8	93009
93.9	86643	93.9	89077	87.9	82647
97.0	84022	97.0	82262	100.0	79456
100.0	81479	100.0	79053		



TABLE 26 (Continued)

FLOW DURATION DATA AT SUSITNA STATION  
FOR 2020 LOAD CONDITIONS, WATANA-DEVIL CANYON OPERATION

WEEK=49 ( 2 SEP- 8 SEP)		WEEK=50 ( 9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	97555	0.0	95690
3.0	93392	9.1	91188
9.1	85592	12.1	86897
15.2	81939	21.2	82809
21.2	78443	27.3	78912
27.3	75095	30.3	75200
33.3	71891	33.3	71661
42.4	68823	39.4	68290
48.5	65886	45.5	65077
51.5	63075	57.6	62015
63.6	60383	60.6	59097
69.7	57807	66.7	56316
75.8	52978	69.7	53667
78.8	50718	78.8	48735
81.8	48554	81.8	44257
87.9	44498	87.9	42175
100.0	42599	90.9	40191
		100.0	38300

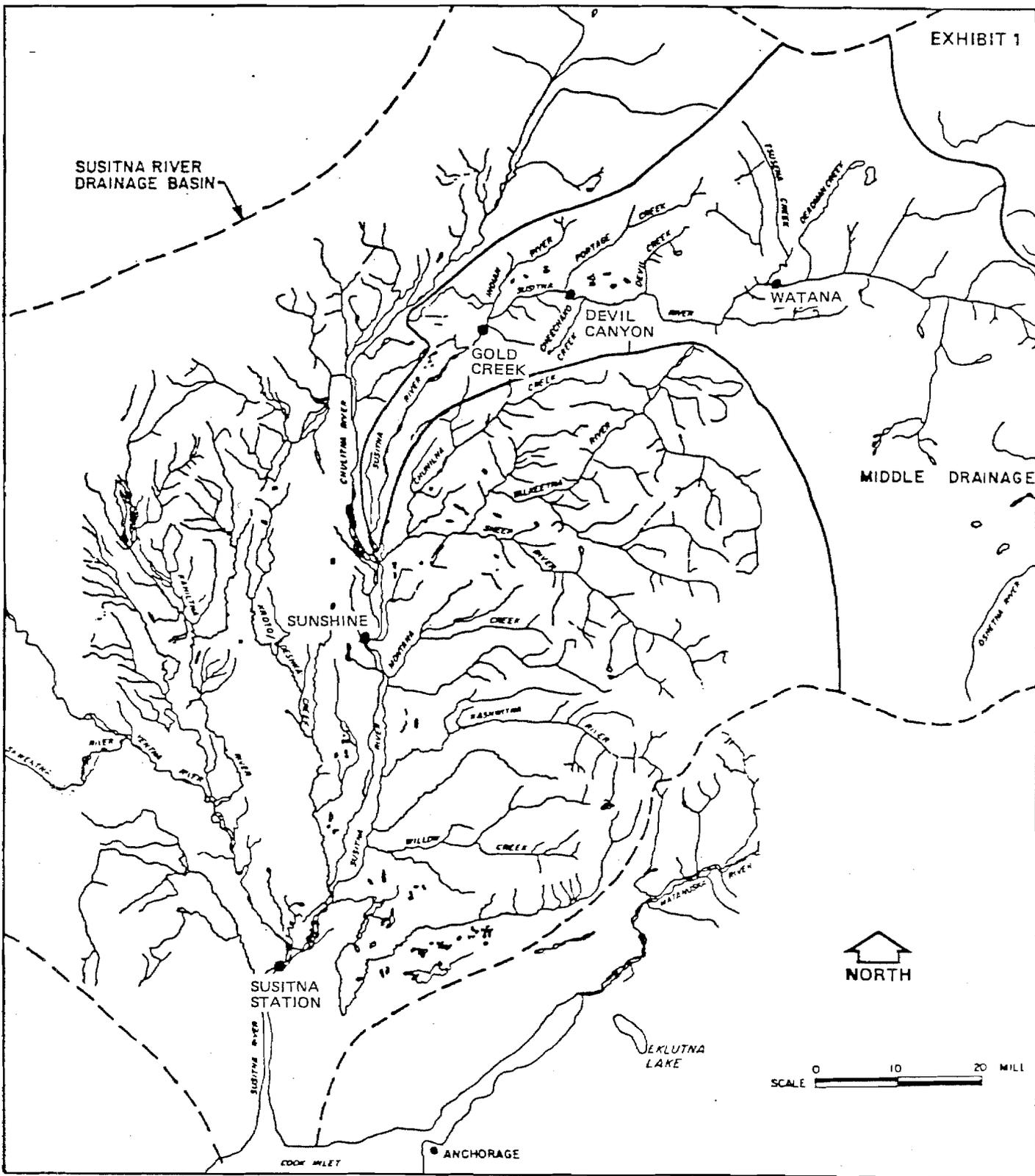
  

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <sup>1/</sup> (CFS)	DISCHARGE <sup>2/</sup> (CFS)
0.0	156483	0.0	100904	115319
3.0	144752	9.1	93731	107122
9.1	105989	18.2	87069	99507
12.1	98044	24.2	80880	92434
15.2	90694	30.3	75130	85863
21.2	83896	36.4	60221	68824
33.3	77607	42.4	55940	63932
39.4	71789	48.5	51964	59387
42.4	66408	60.6	48270	55166
48.5	61429	66.7	44839	51244
63.6	56825	69.7	41651	47602
69.7	52565	78.8	38691	44218
78.8	48624	84.8	35941	41075
81.8	41608	87.9	33386	38155
87.9	38489	93.9	31013	35443
100.0	35603	97.0	26760	30583
		100.0	24858	28409

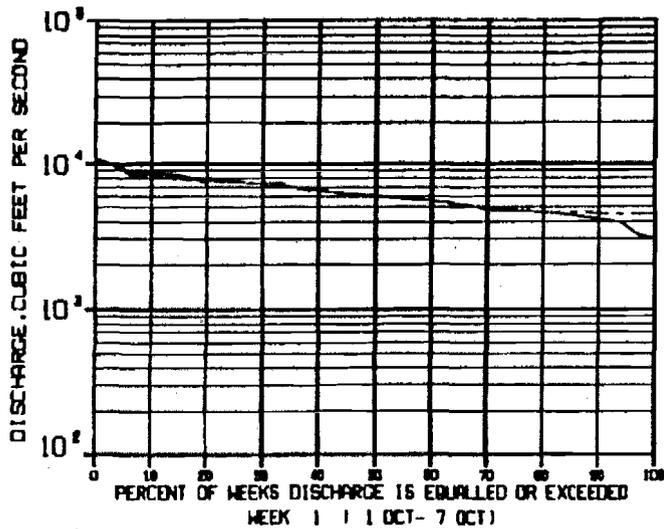
<sup>1/</sup> The flows in this column represent the mean flow for the 8-day period, Sept. 23 to 30.

<sup>2/</sup> The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

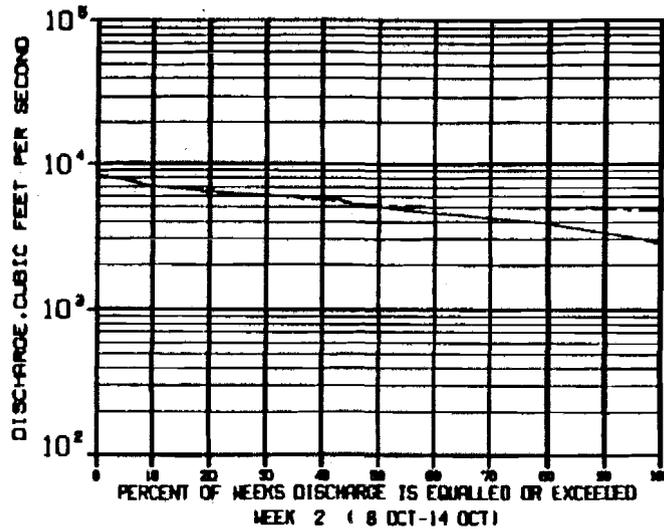
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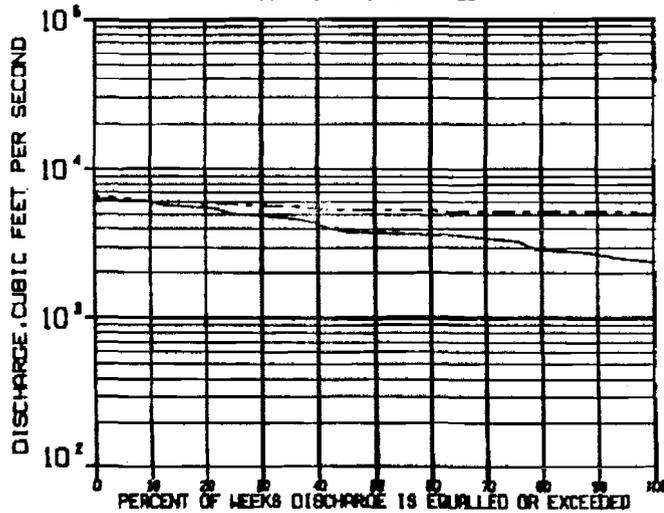
**EXHIBIT 2**



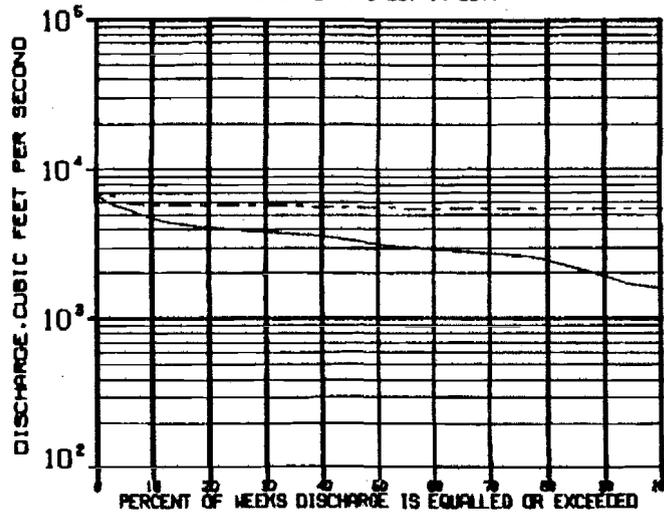
WEEK 1 (1 OCT-7 OCT)



WEEK 2 (8 OCT-14 OCT)



WEEK 3 (16 OCT-21 OCT)



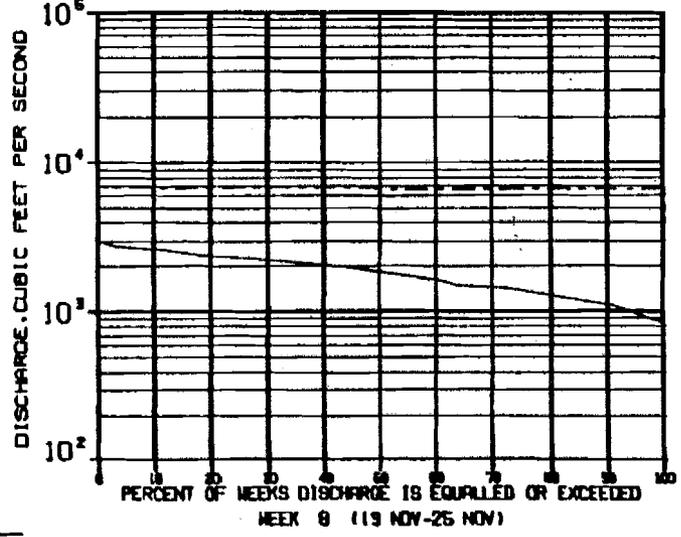
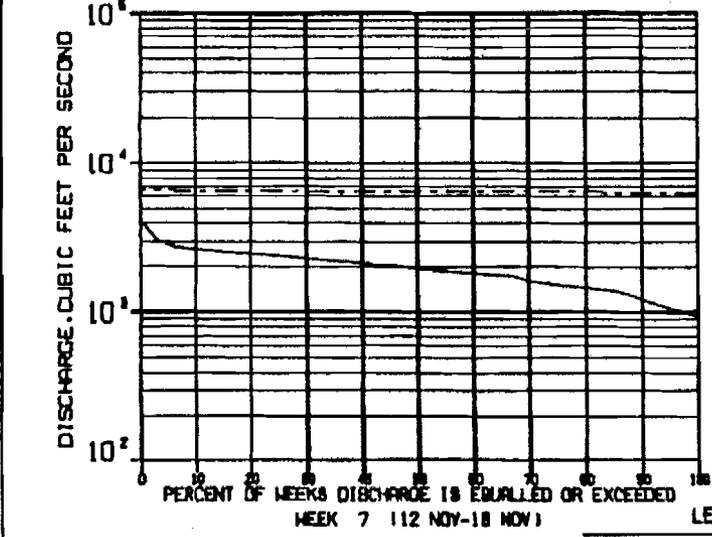
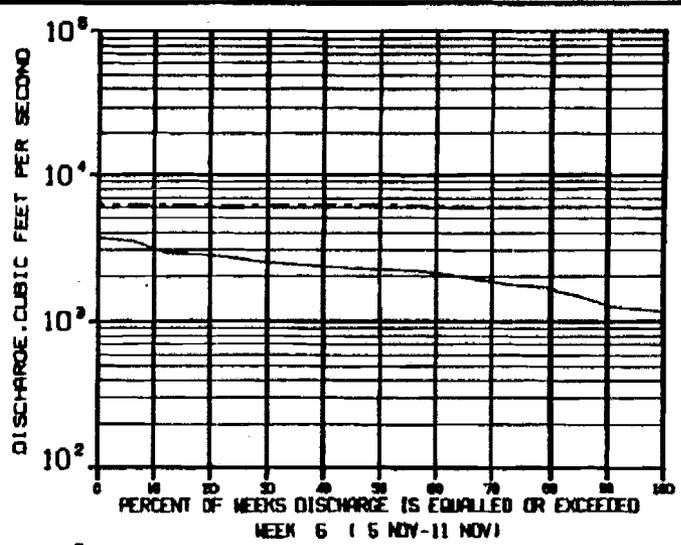
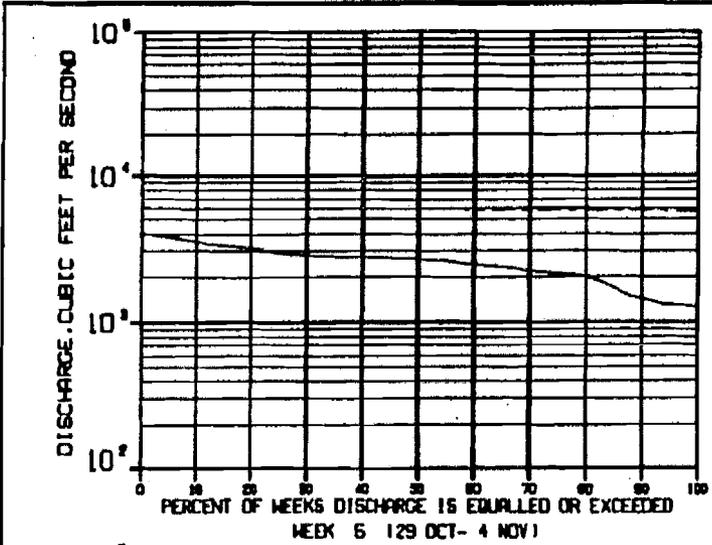
WEEK 4 (22 OCT-28 OCT)

LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1989  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT NATANA

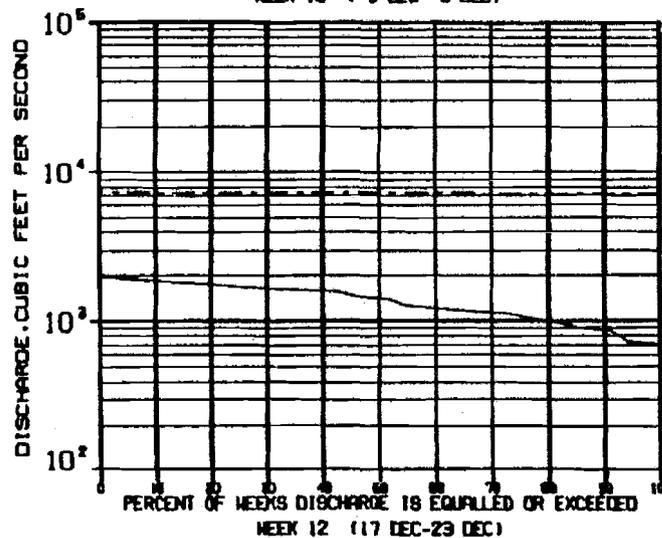
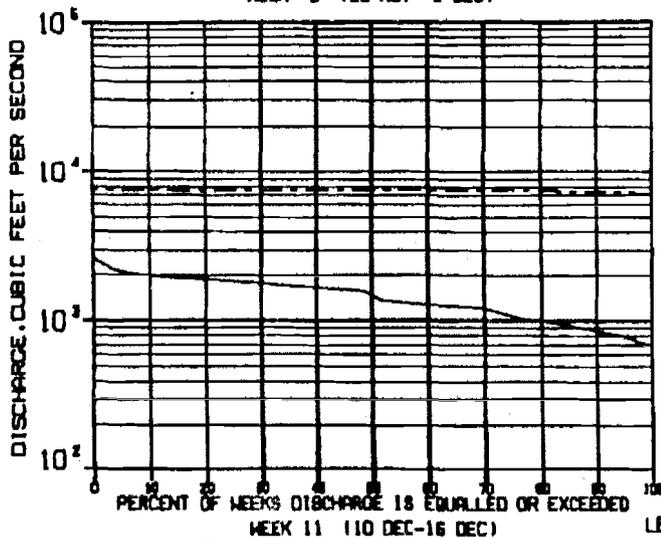
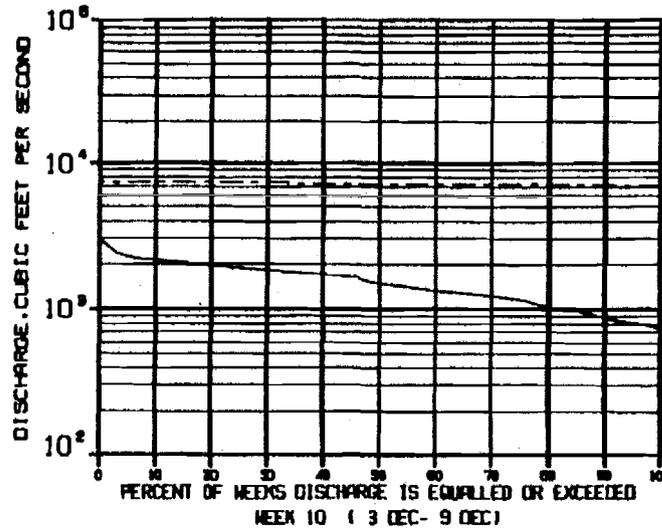
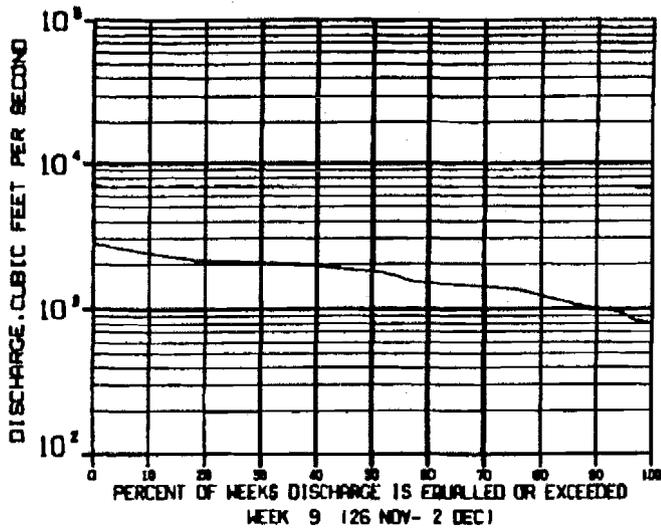


LEGEND

— NATURAL  
 - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUBITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUBITNA RIVER AT NATANA



LEGEND

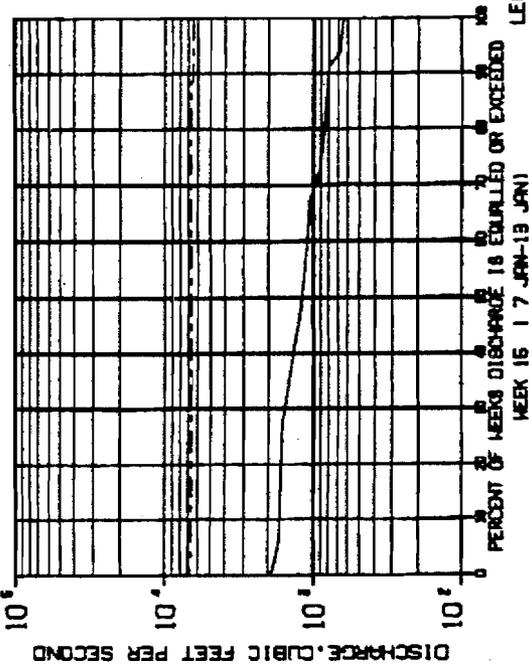
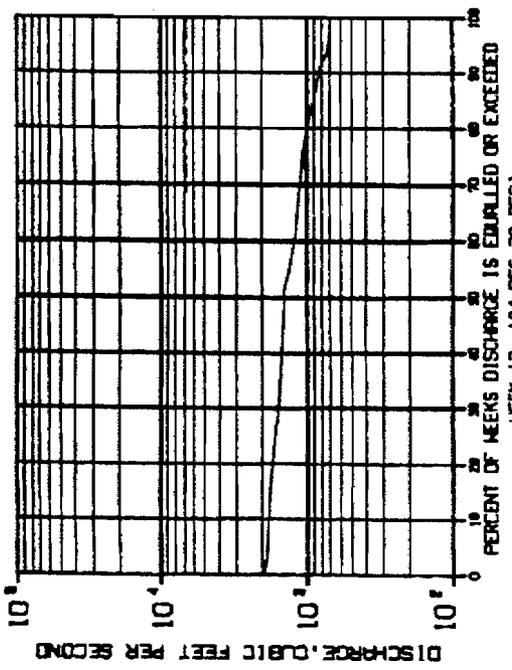
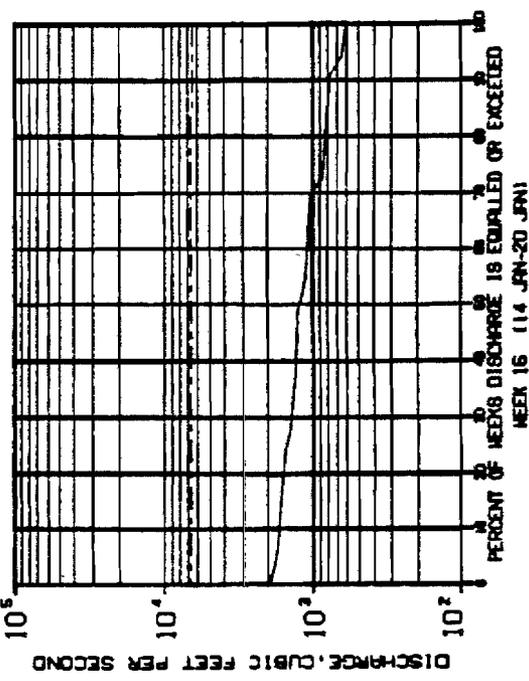
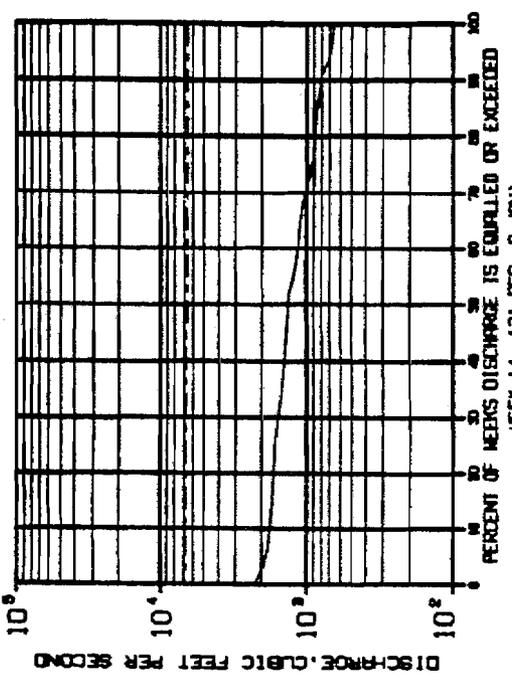
—— NATURAL  
 - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT NATANA

EXHIBIT 2  
 SHEET 9 OF 19

EXHIBIT 2  
SHEET 4 OF 13

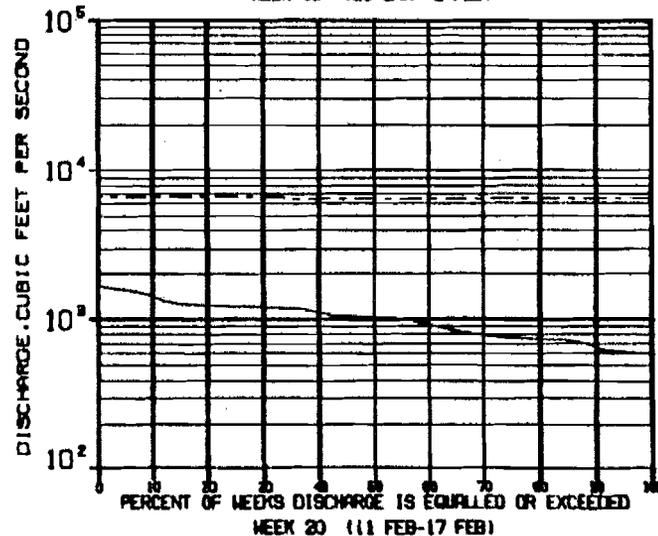
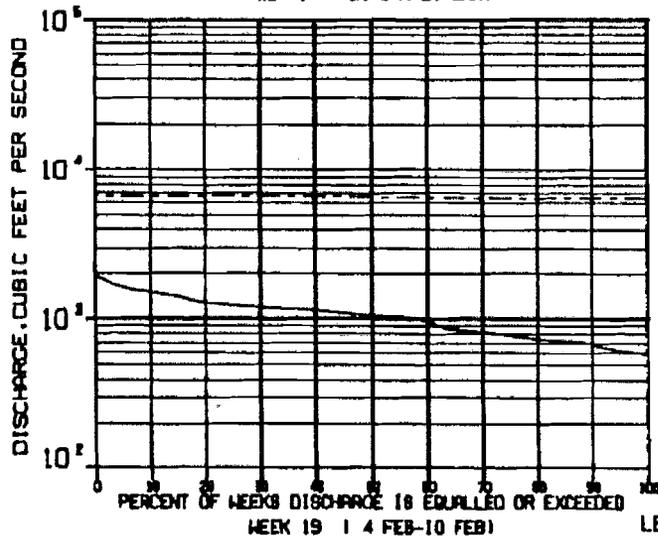
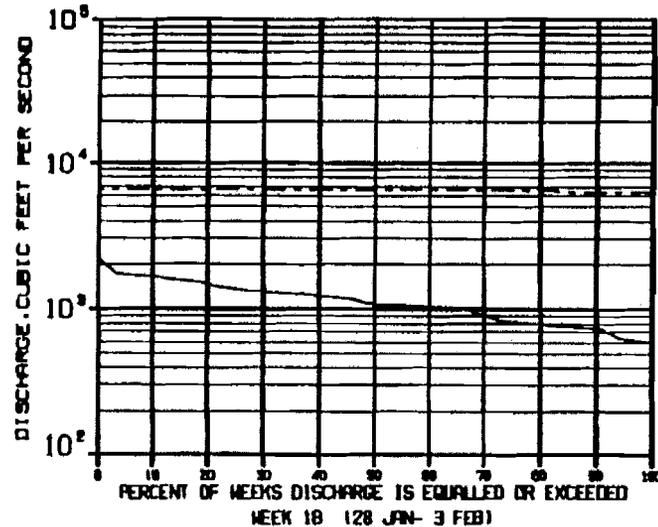
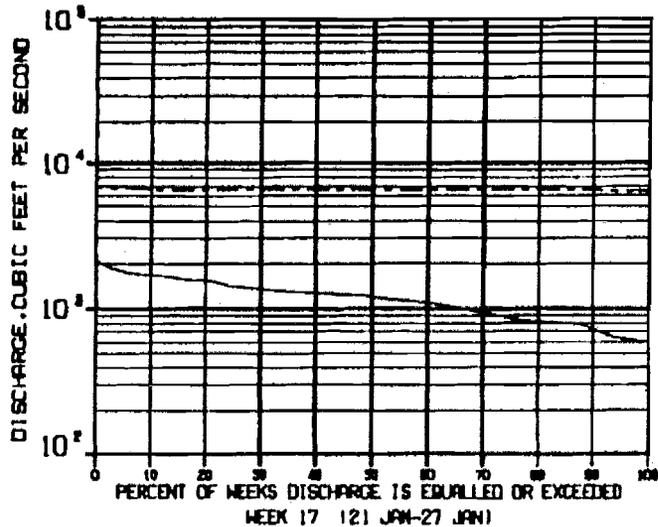


LEGEND

--- NATURAL  
 --- WITH-PROJECT  
 --- CASE E-VI TARGET FLOWS  
 --- FOR LOUD CONDITIONS 2002  
 --- (NATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSTINA RIVER AT NATANA

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBRSCO SUSTINA JOINT VENTURE JAN 66



LEGEND

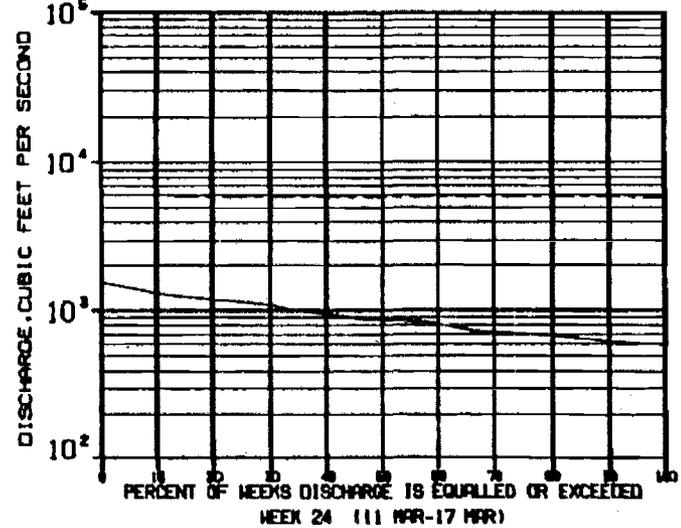
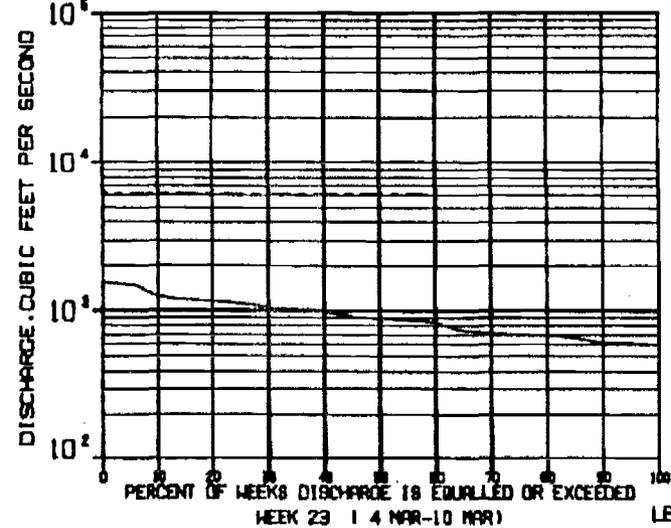
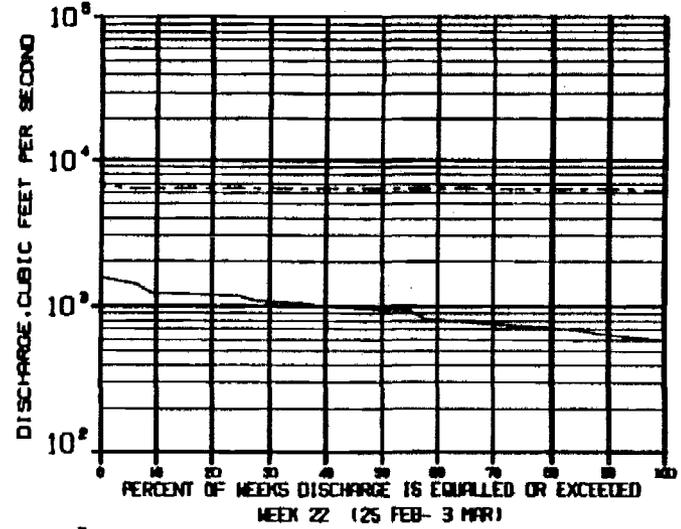
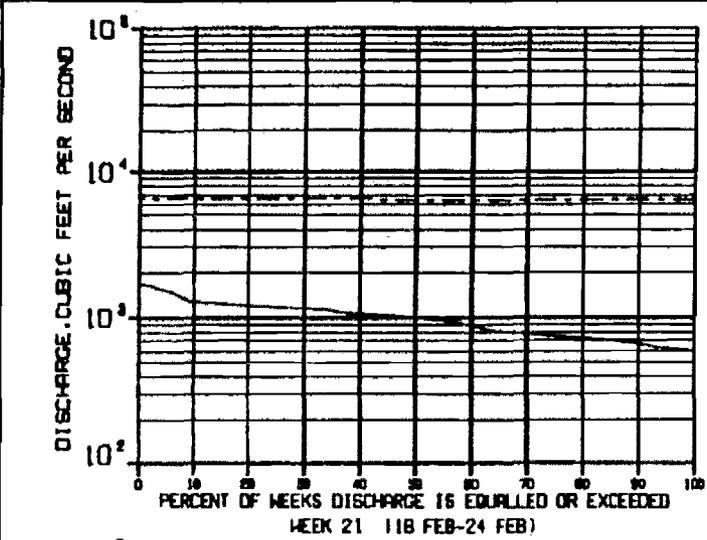
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 - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1962

HARZA-EBRACO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 2  
 SHEET 5 OF 19



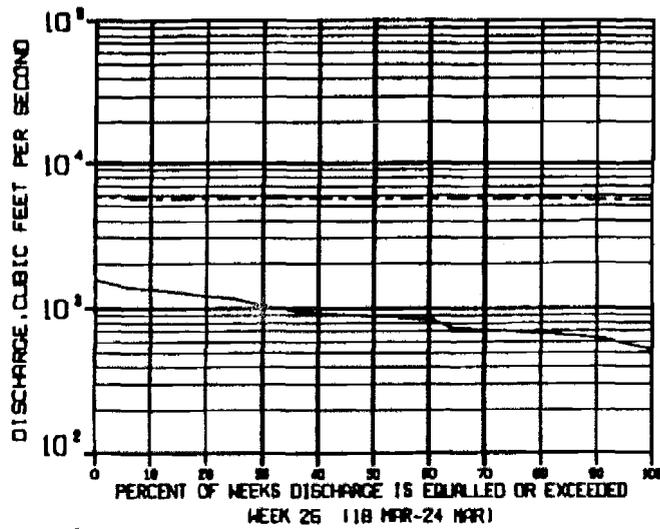
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 (MATANA-DEVIL CANYON OPERATION)

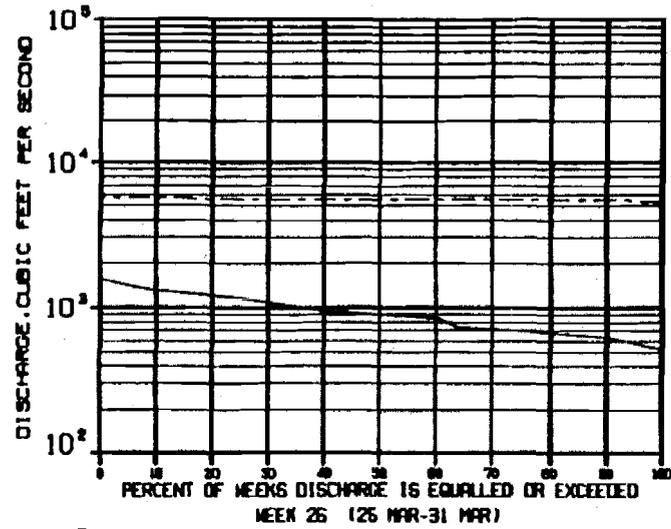
NOTE: FLOW PERIOD WATER YEAR 1961-1989  
 HARZA-EBRACO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
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 SUSITNA RIVER AT MATANA

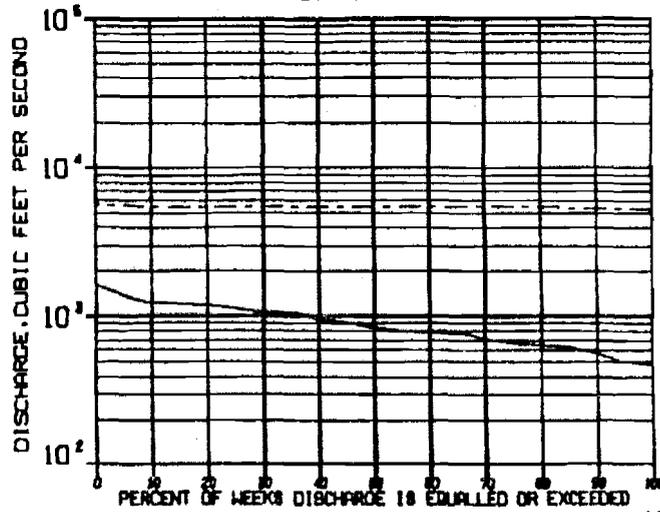
EXHIBIT 2  
 SHEET 8 OF 13



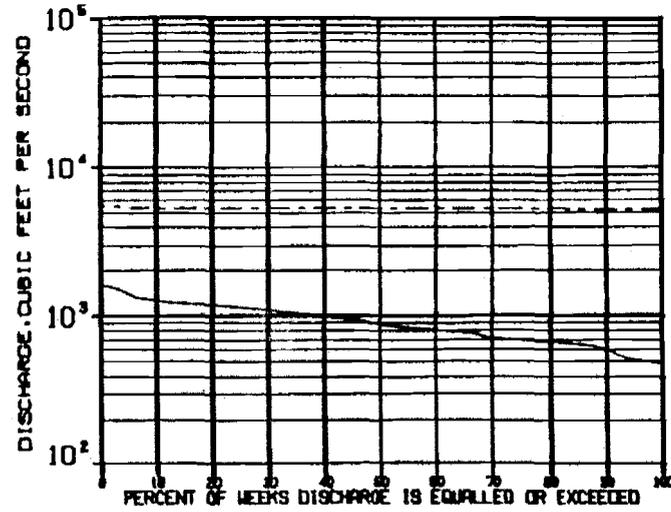
WEEK 26 (118 MAR-24 APR)



WEEK 26 (126 MAR-31 APR)



WEEK 27 (11 APR-7 APR)



WEEK 28 (18 APR-14 APR)

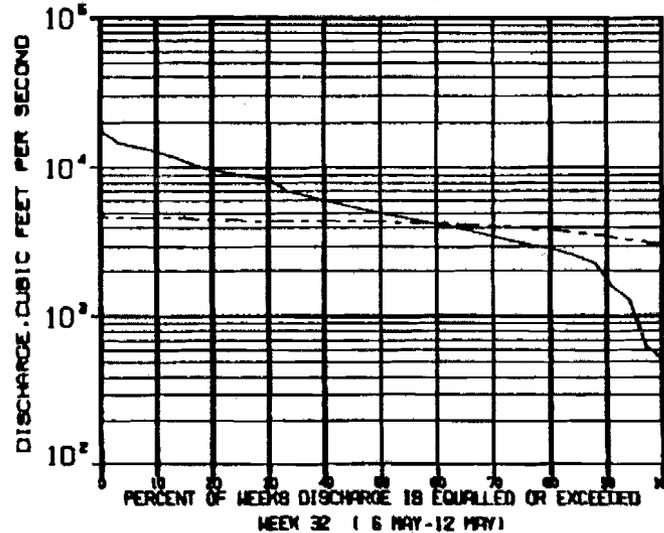
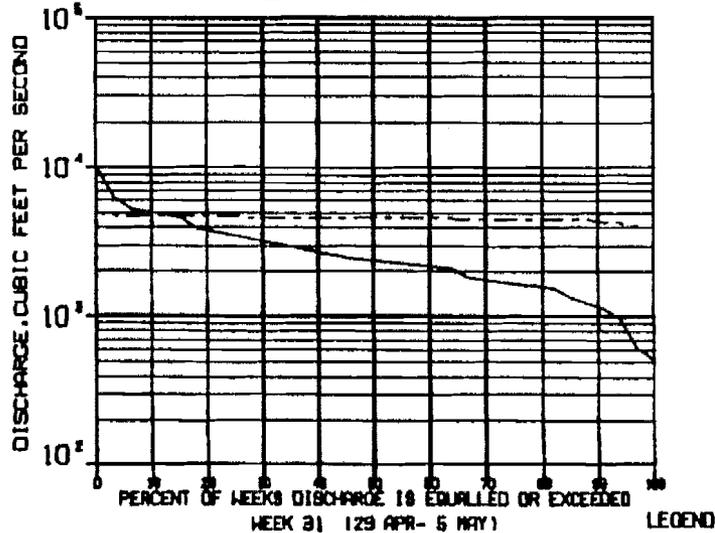
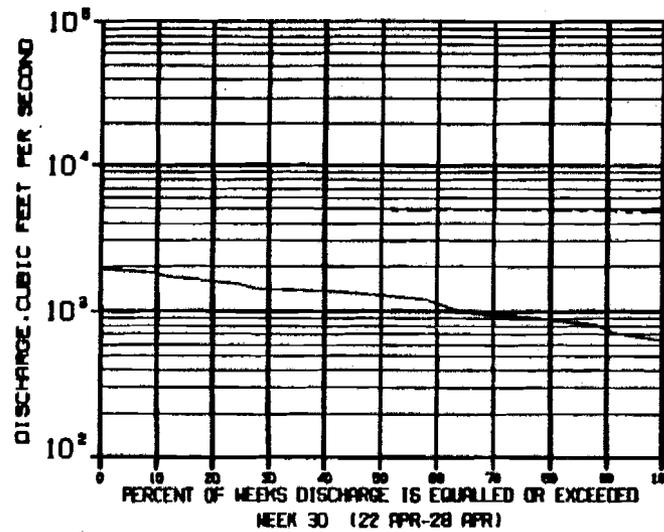
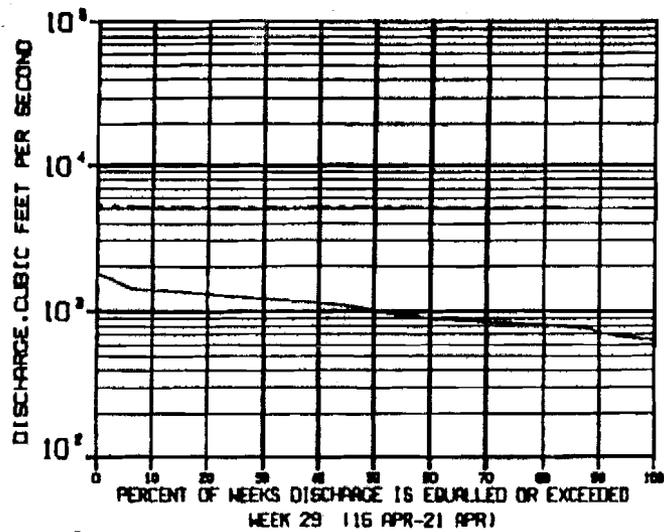
LEGEND

——— NATURAL  
 - - - WITH PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBARCO SUSITNA JOINT VENTURE JAN 85

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 2  
 SHEET 7 OF 19



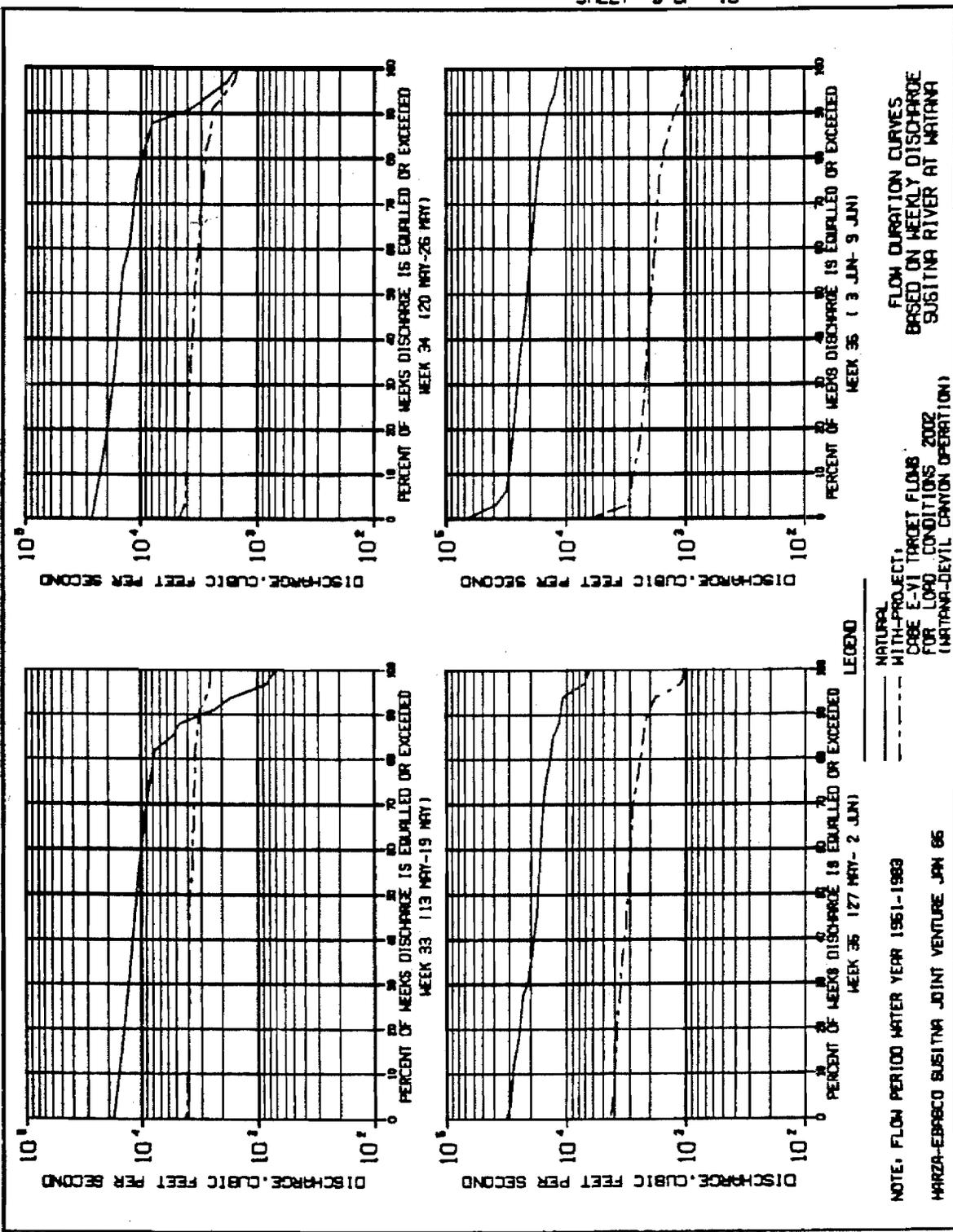
LEGEND

—— NATURAL  
 - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBAGCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 2  
SHEET 8 OF 13

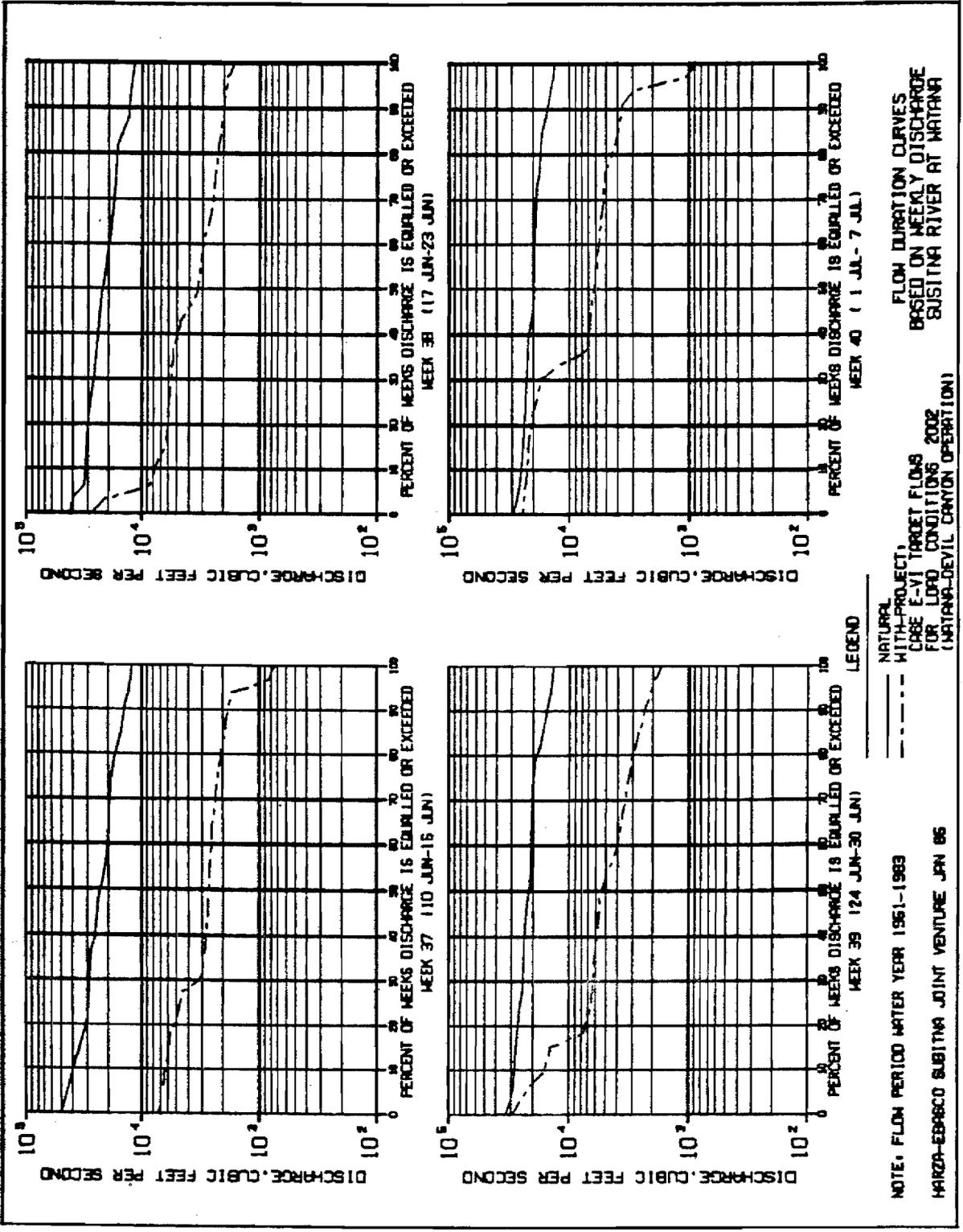


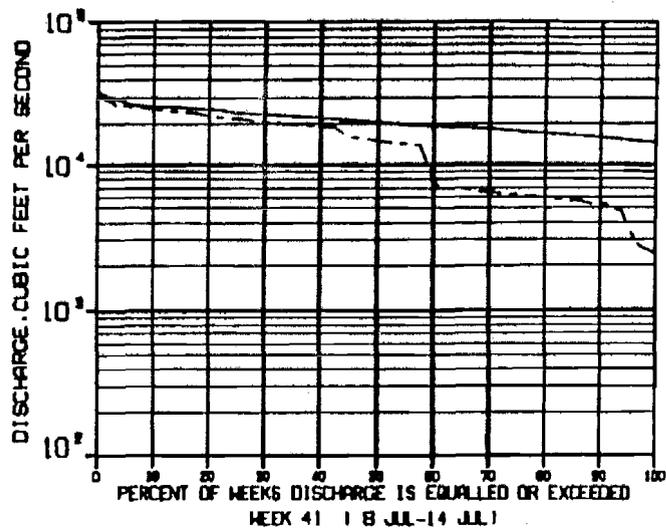
FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUBSTINA RIVER AT NATANA

NATURAL  
WITH-PROJECT  
CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2002  
(NATANA-DEVIL CANYON OPERATION)

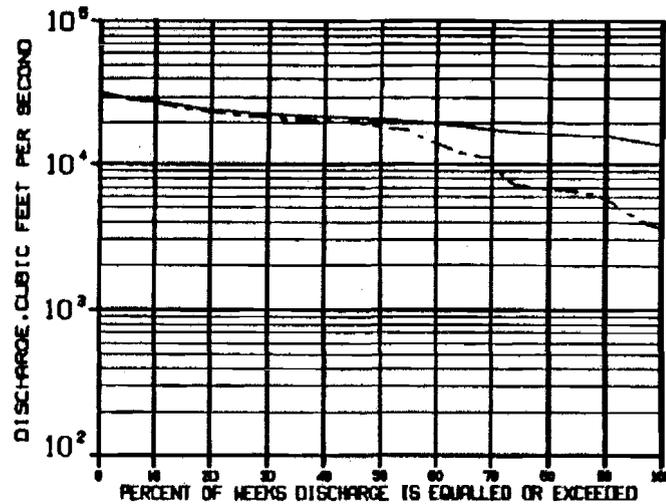
NOTE, FLOW PERIOD WATER YEAR 1961-1963  
HARZA-EBRSCO SUBSTINA JOINT VENTURE JUN 86

EXHIBIT 2  
SHEET 10 OF 13

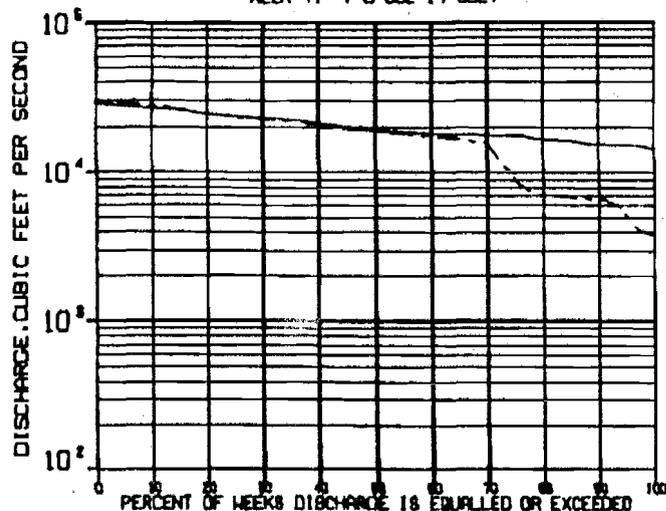




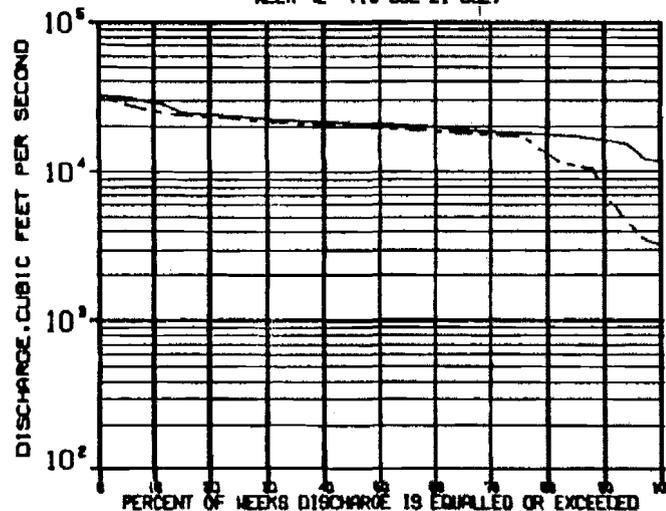
WEEK 41 (18 JUL-14 JUL)



WEEK 42 (15 JUL-21 JUL)



WEEK 43 (22 JUL-28 JUL)



WEEK 44 (29 JUL- 4 AUG)

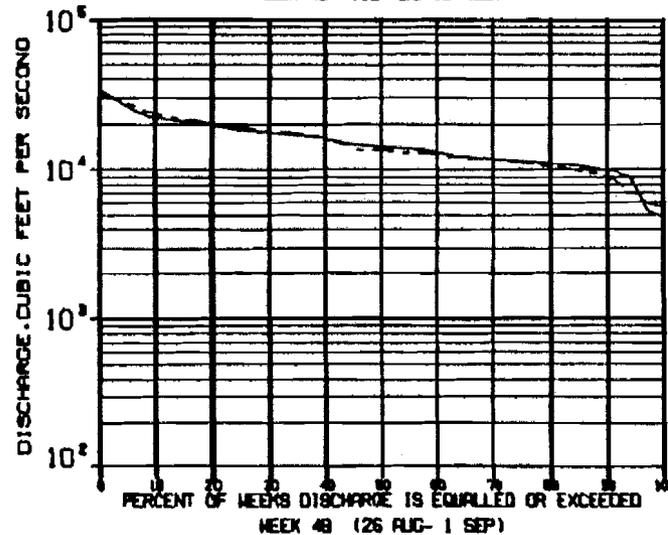
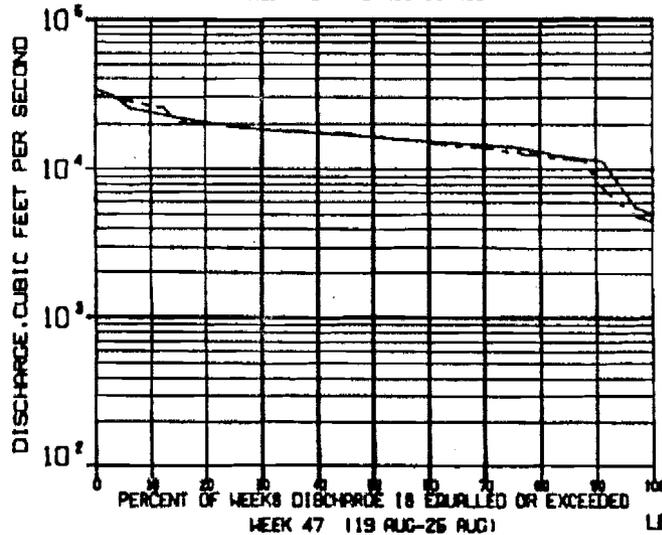
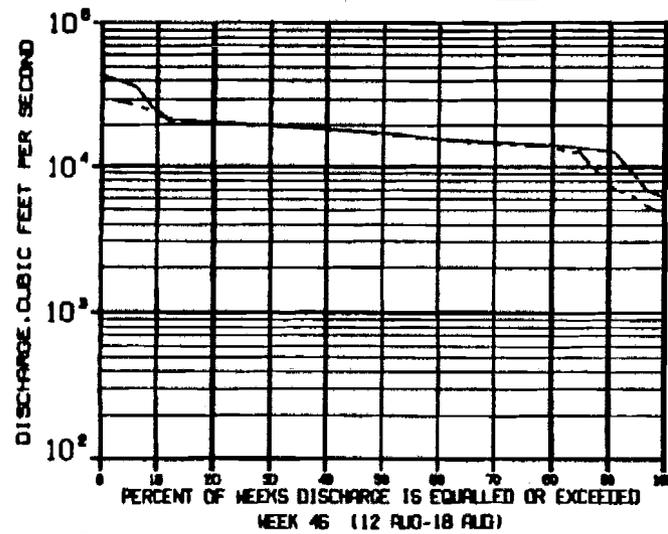
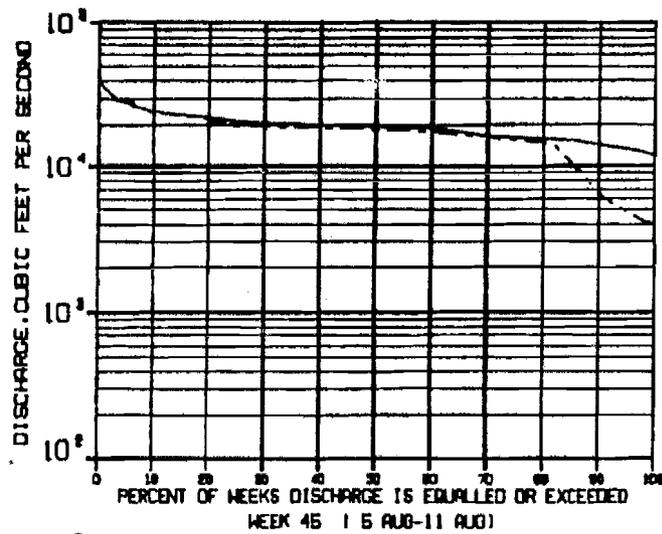
LEGEND

— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBRSCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT MATANA



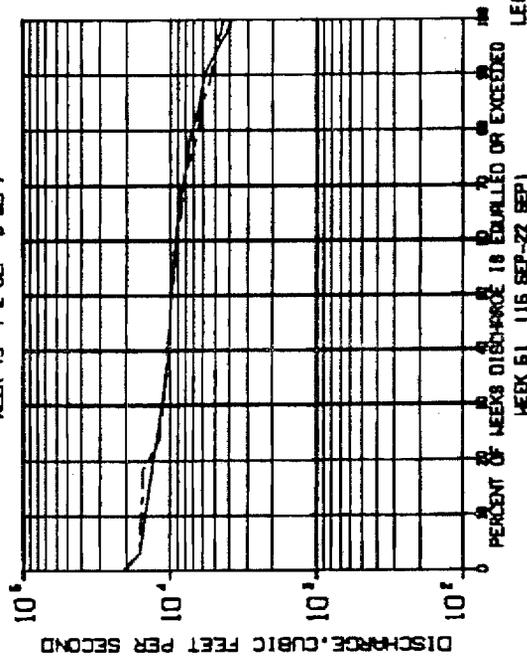
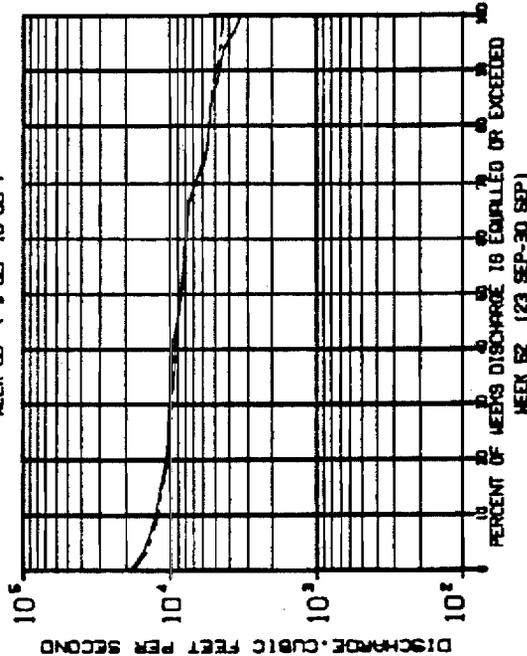
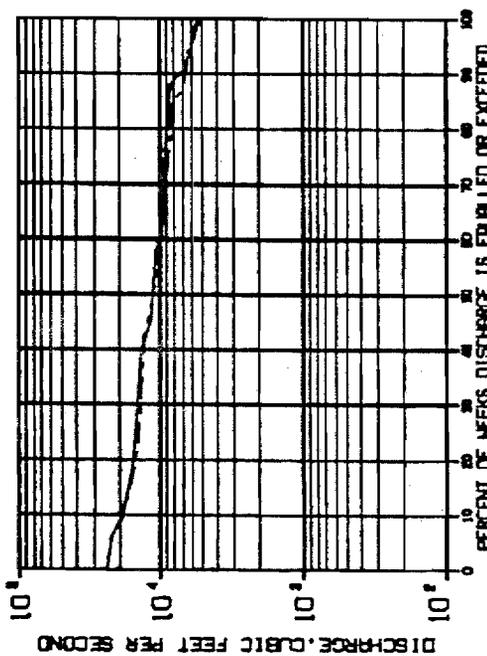
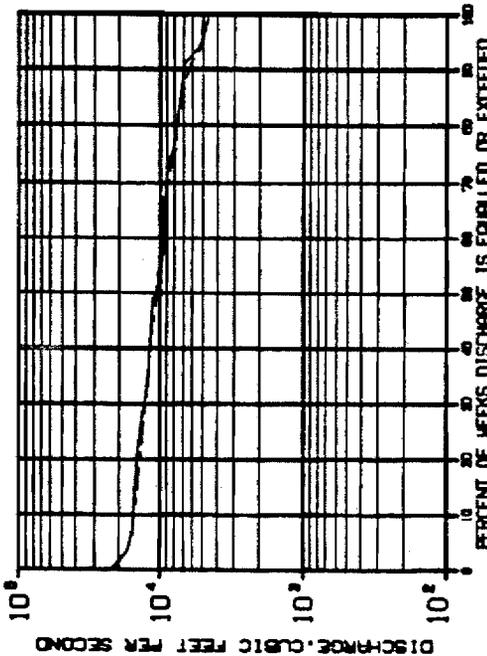
LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 2  
SHEET 13 OF 13



LEGEND

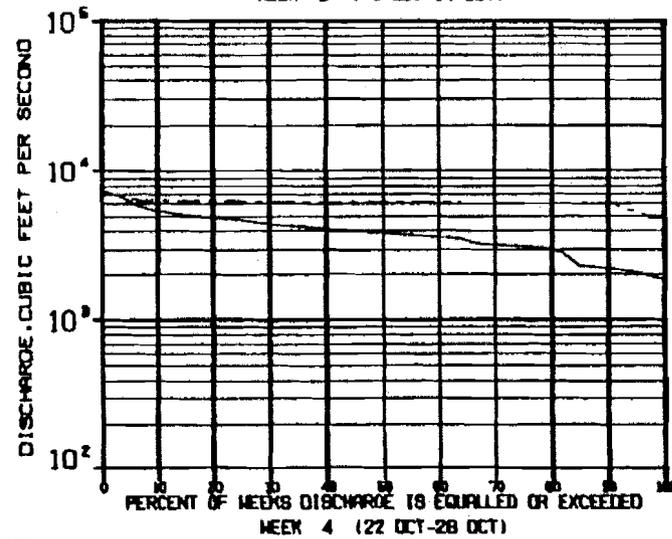
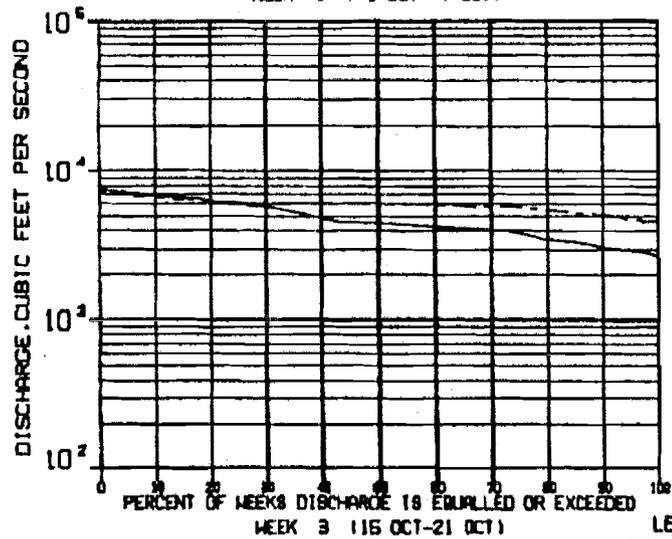
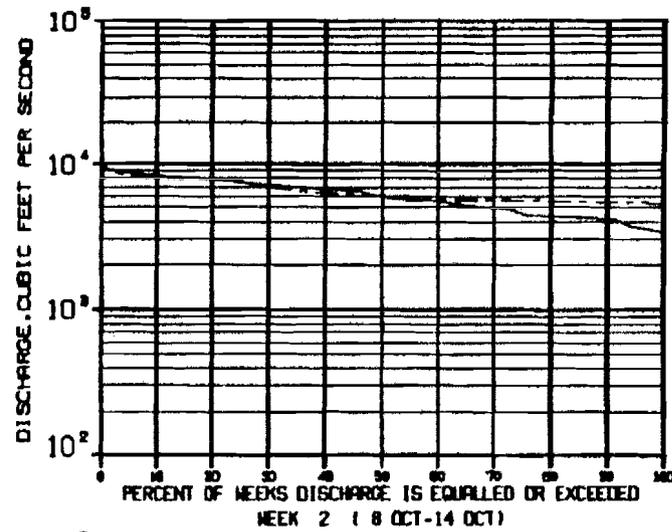
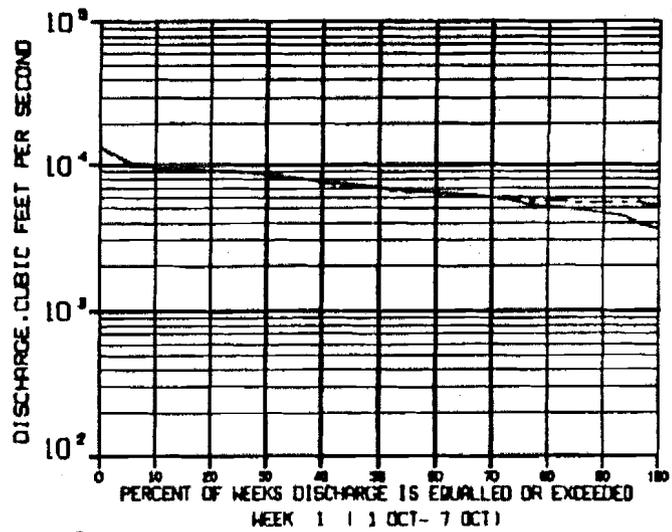
- NATURAL
- - - WITH-PROJECT

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSTINA RIVER AT WATANA

NATURAL PROJECT  
CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2002  
(WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
HARZA-EBRACO SUSTINA JOINT VENTURE JAN 66

**EXHIBIT 3**



LEGEND

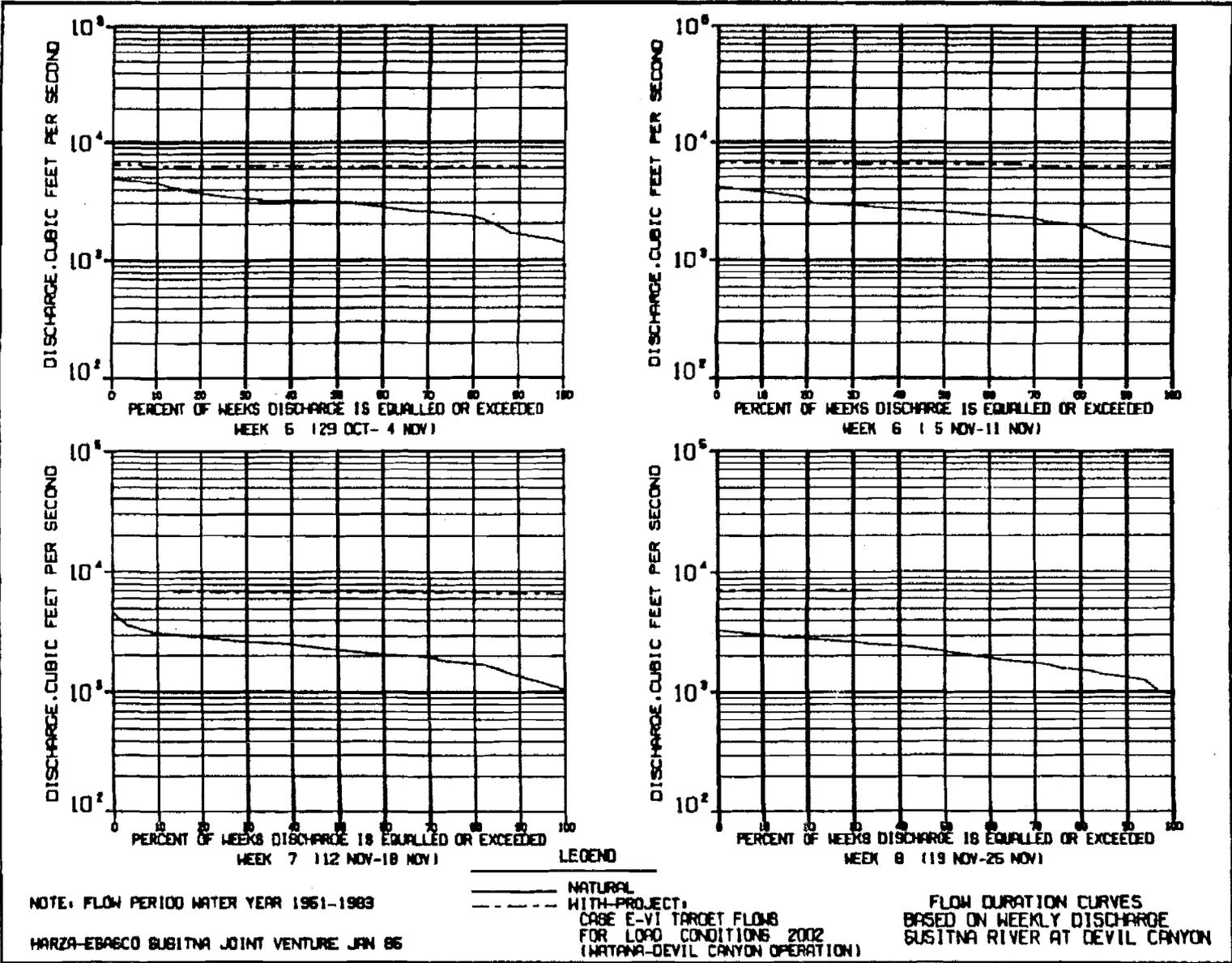
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 - - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

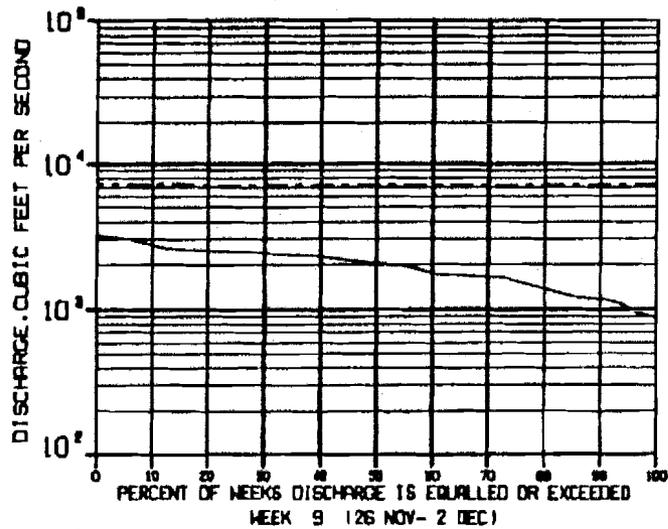
NOTE, FLOW PERIOD WATER YEAR 1961-1983

MARZA-EBASCO SUSITNA JOINT VENTURE JAN 85

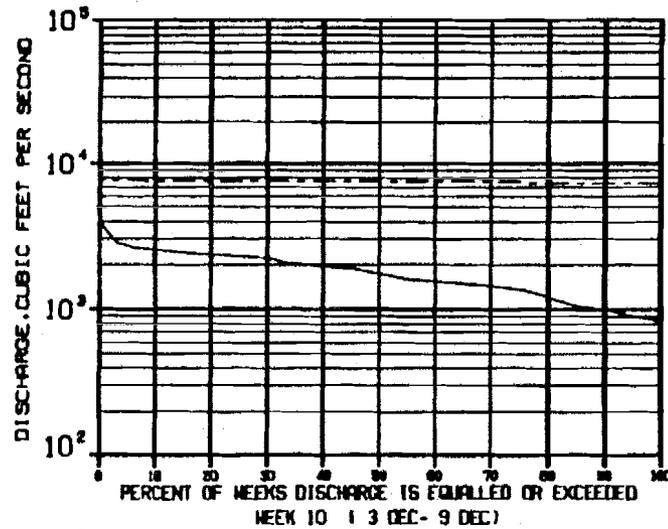
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 3  
 SHEET 1 OF 13

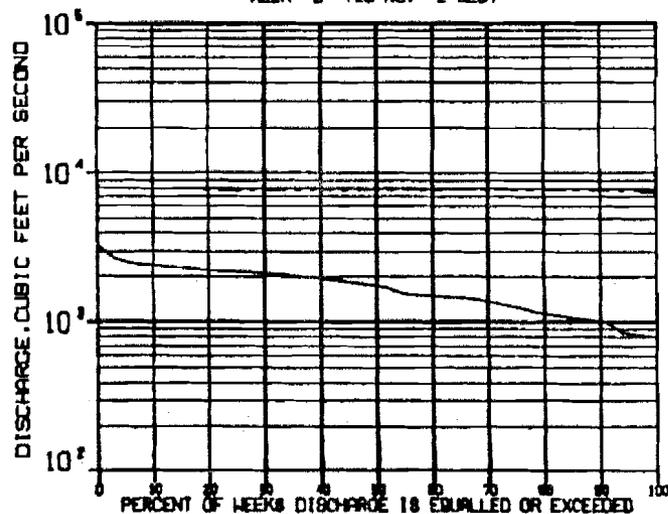




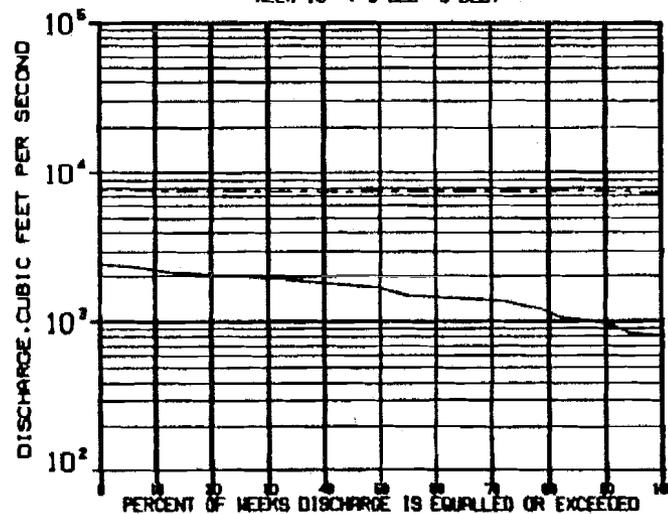
WEEK 9 (26 NOV - 2 DEC)



WEEK 10 (13 DEC - 9 DEC)



WEEK 11 (110 DEC - 16 DEC)



WEEK 12 (17 DEC - 23 DEC)

LEGEND

——— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EDBSCO SUSITNA JOINT VENTURE JAN 85

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

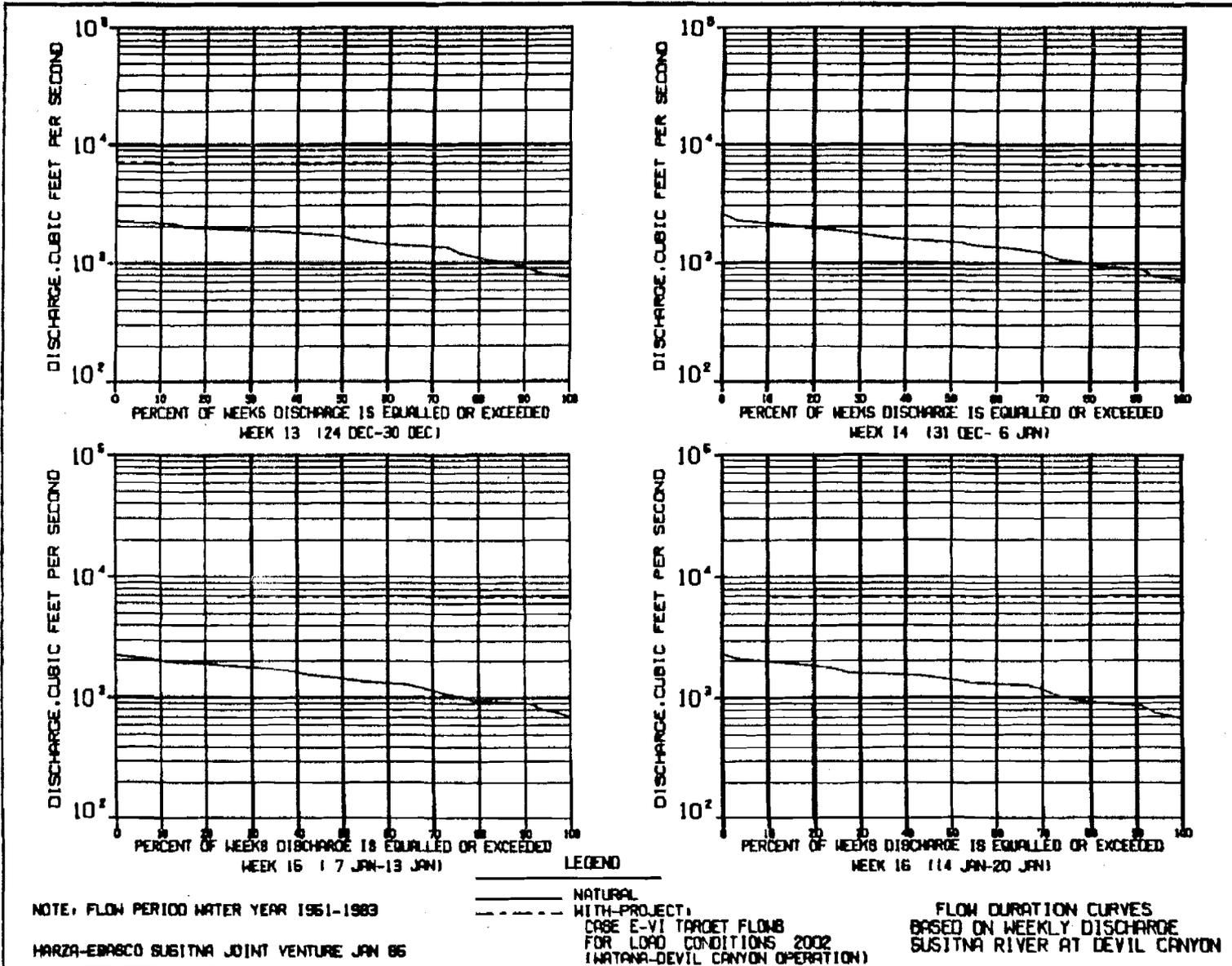
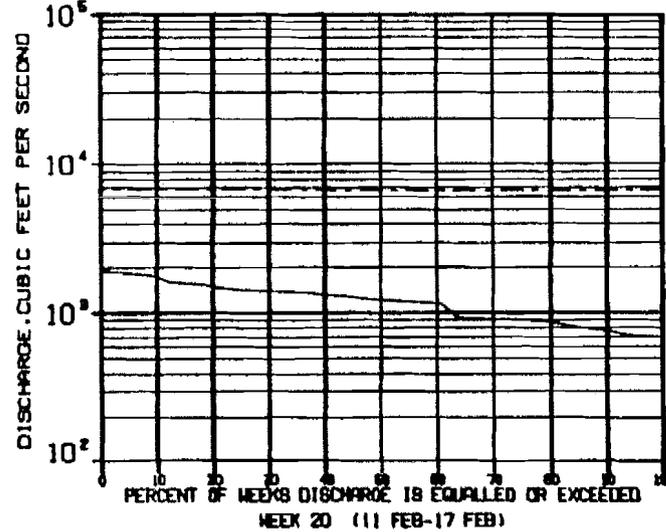
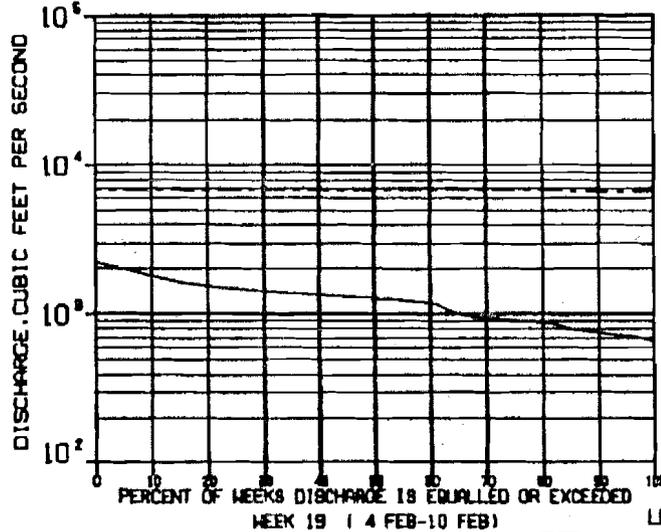
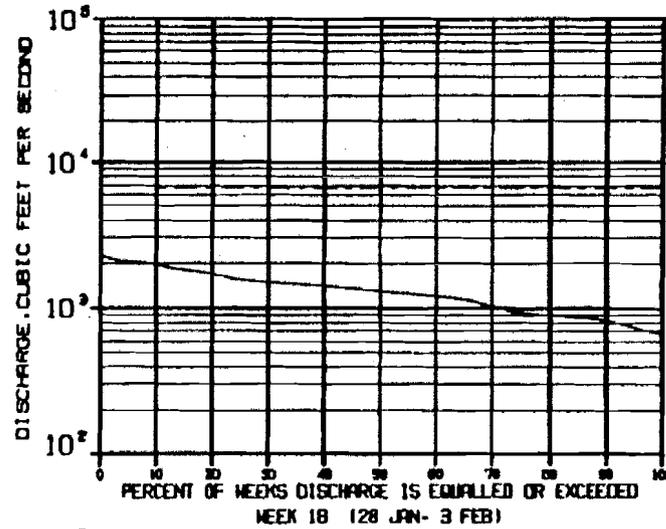
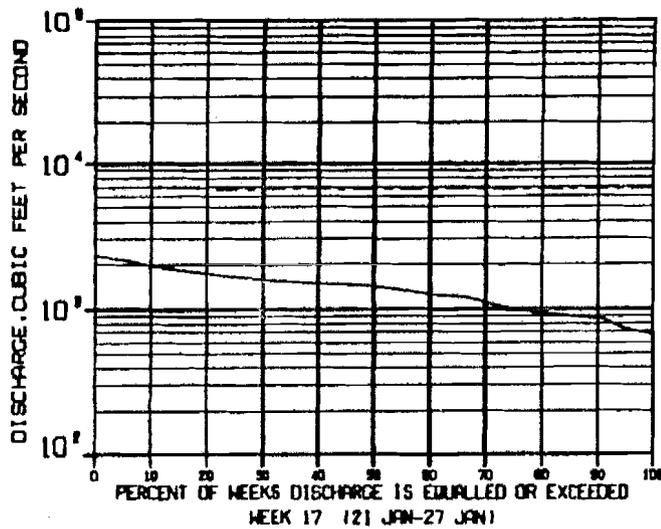


EXHIBIT 3  
 SHEET 4 OF 19



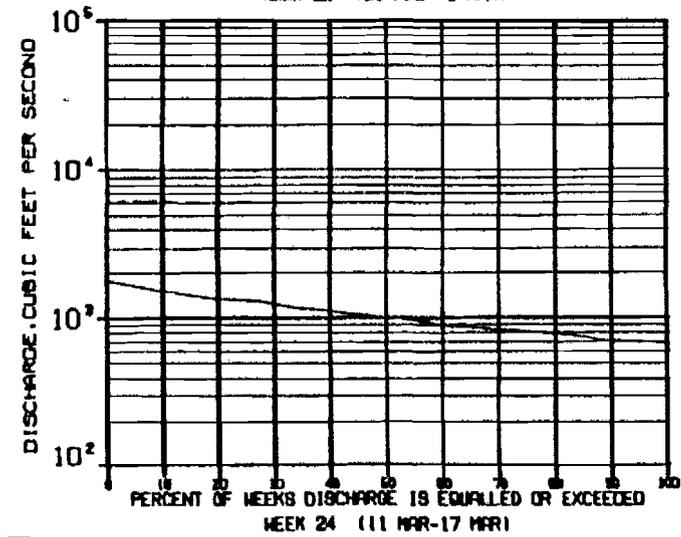
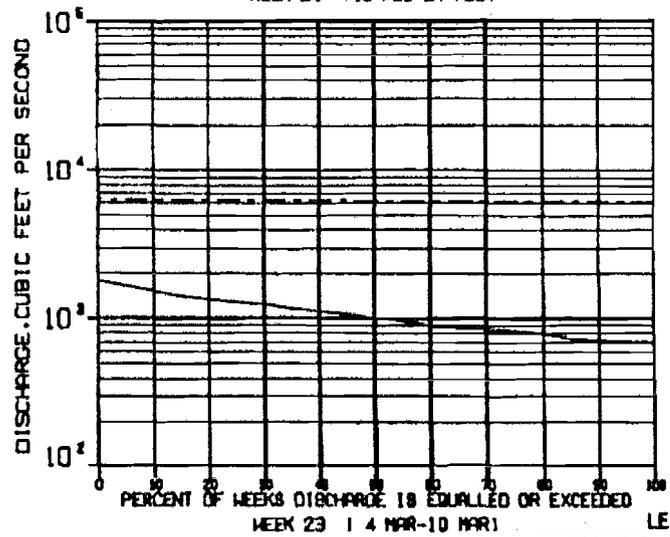
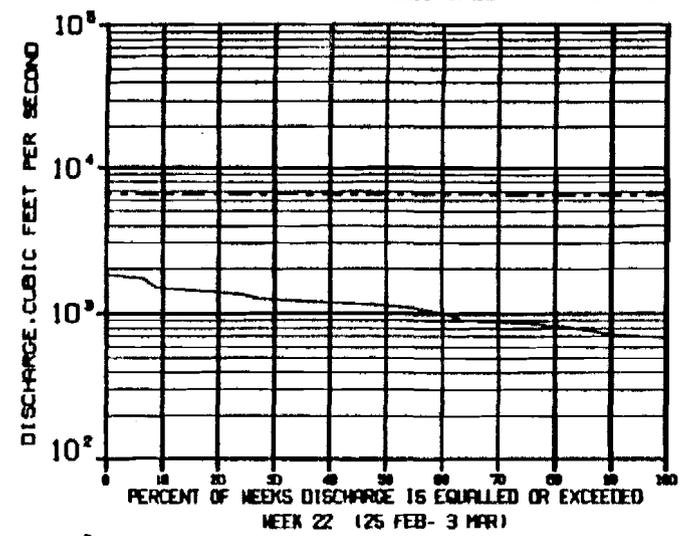
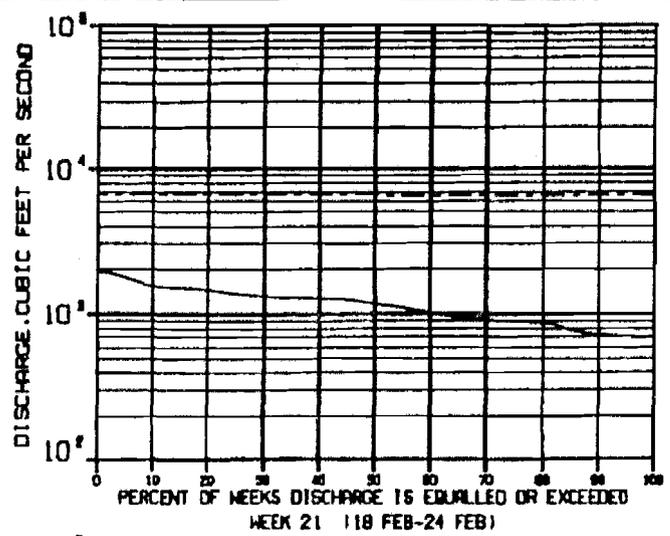
LEGEND

—— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 3  
 SHEET 6 OF 19

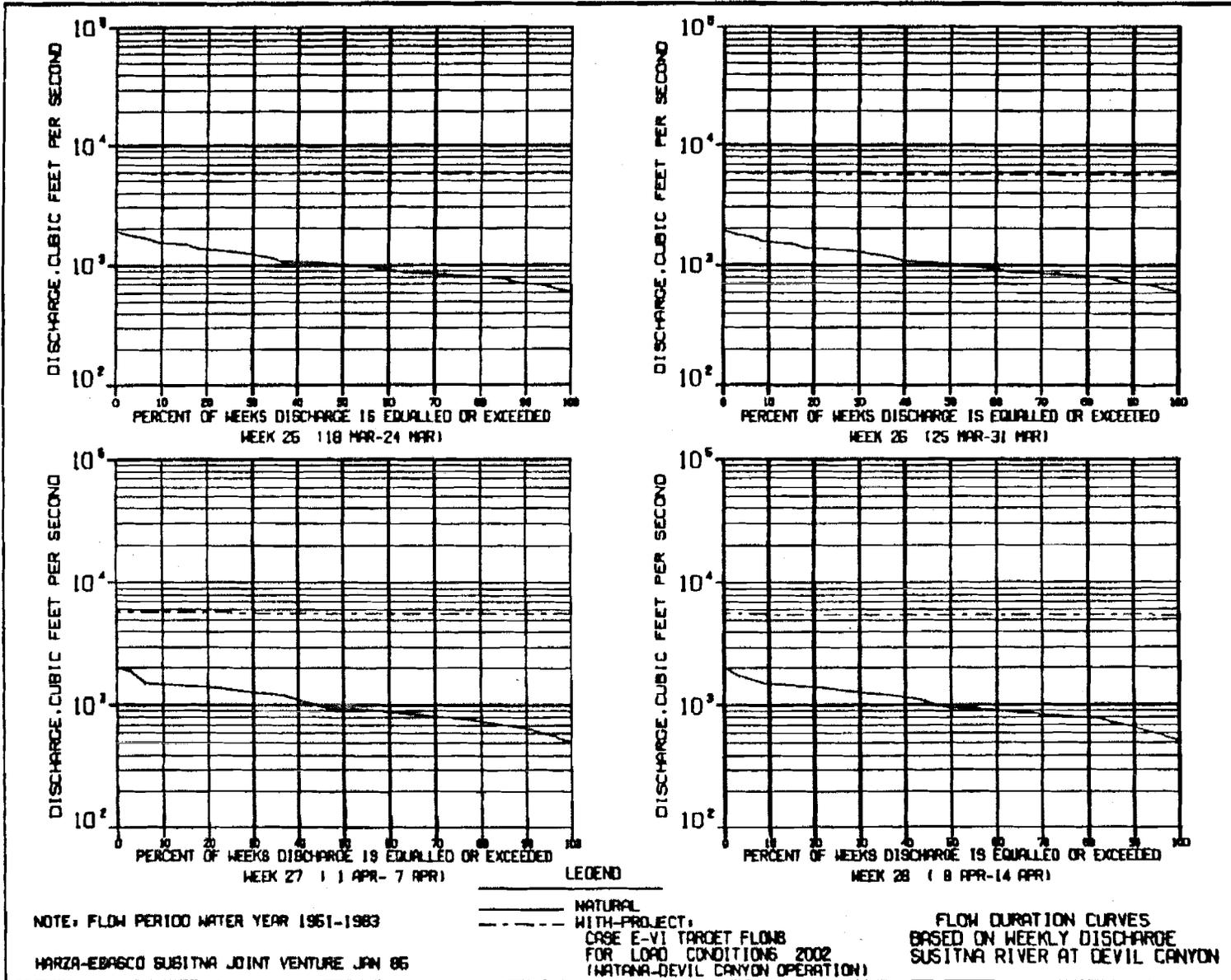


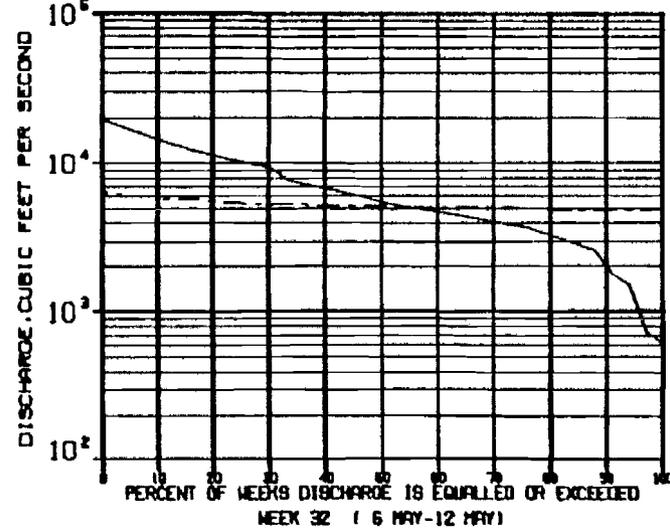
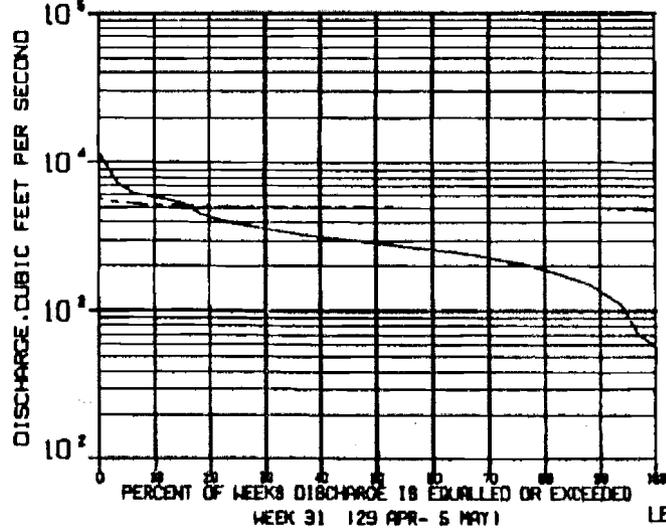
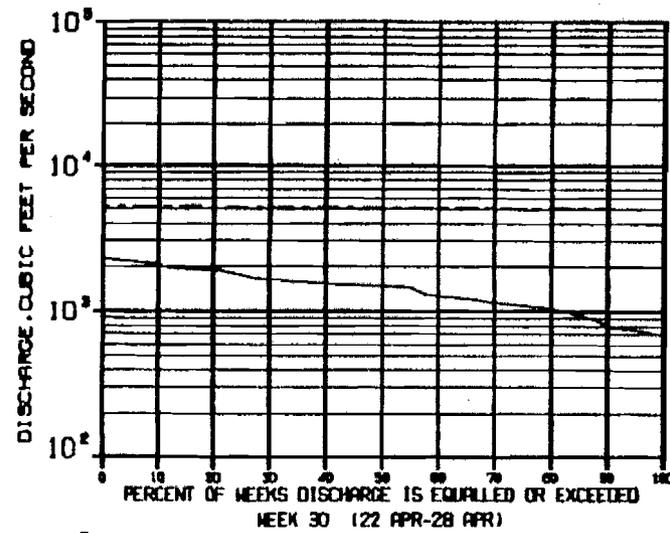
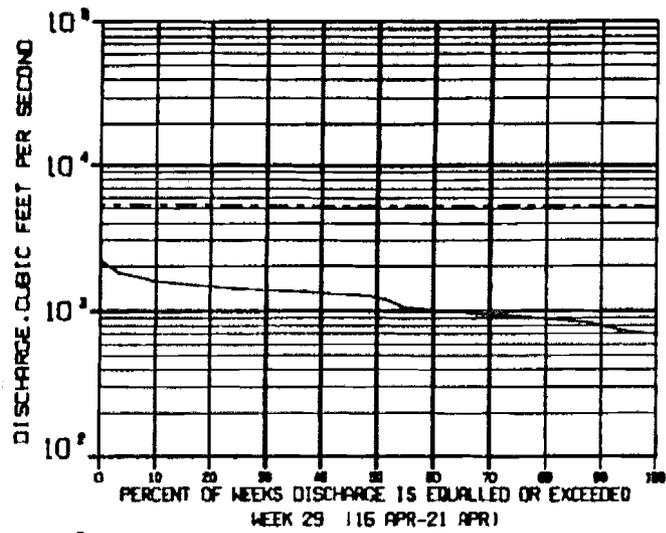
NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

LEGEND  
 ——— NATURAL  
 - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 3  
 SHEET 8 OF 13





LEGEND

—— NATURAL  
 - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 3  
 SHEET 8 OF 13

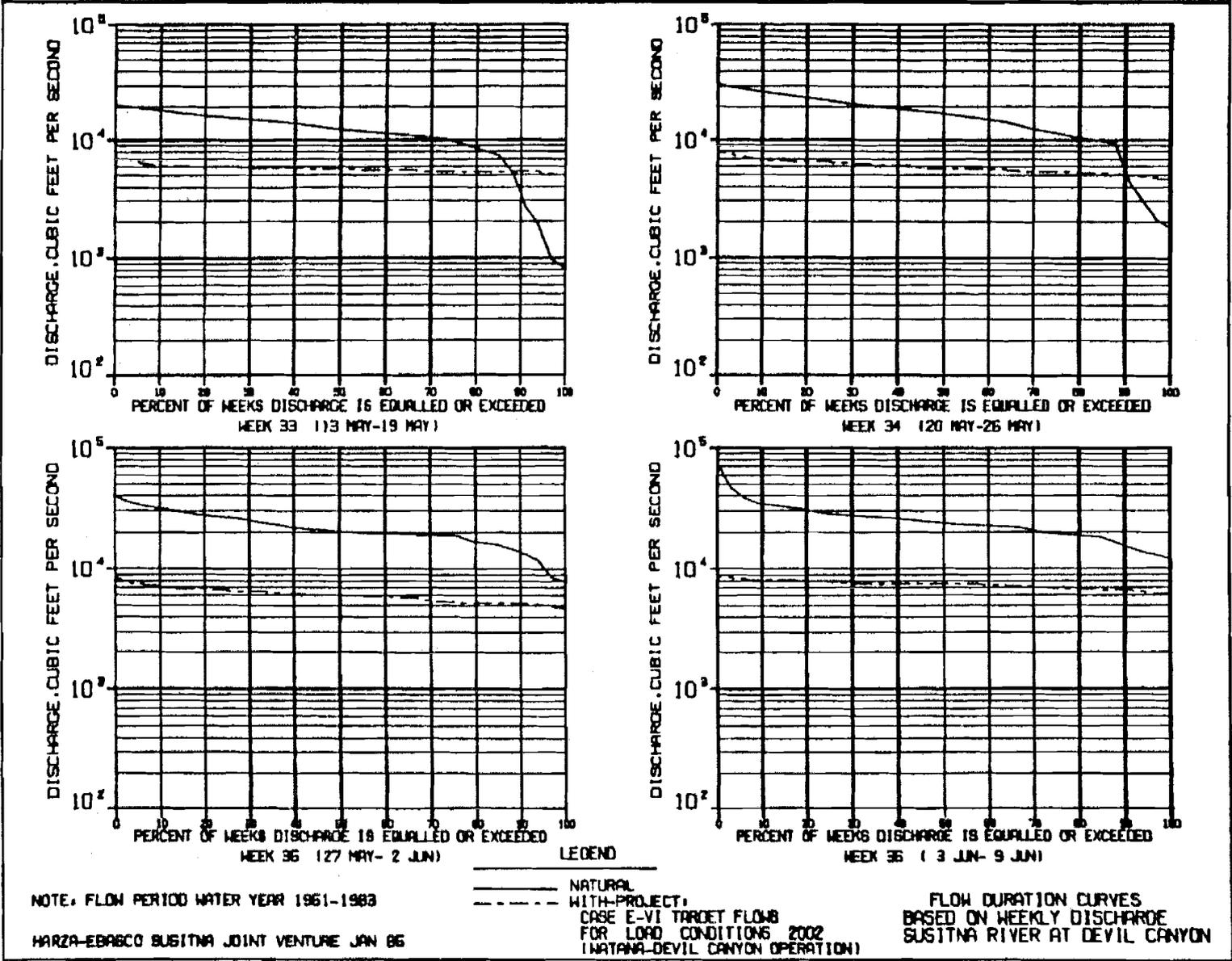
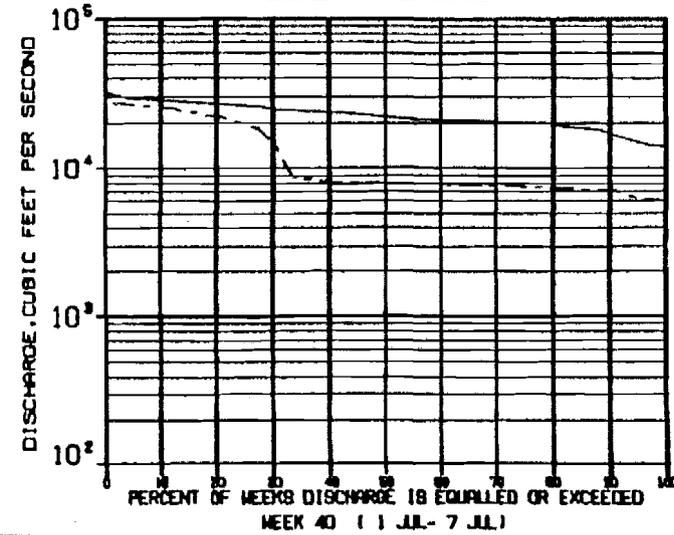
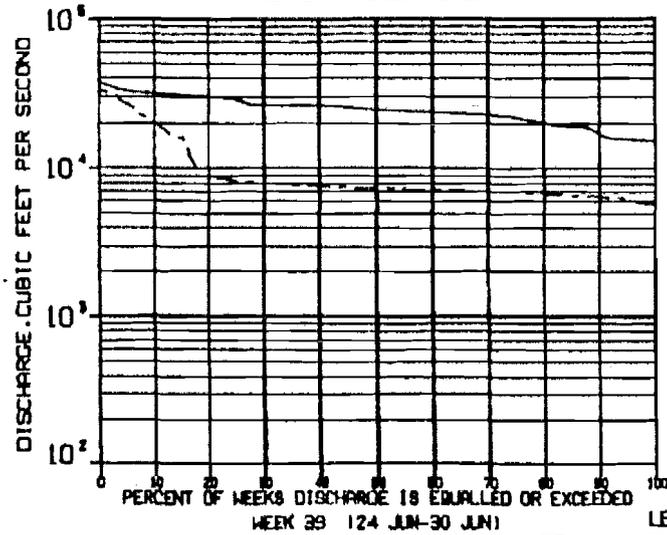
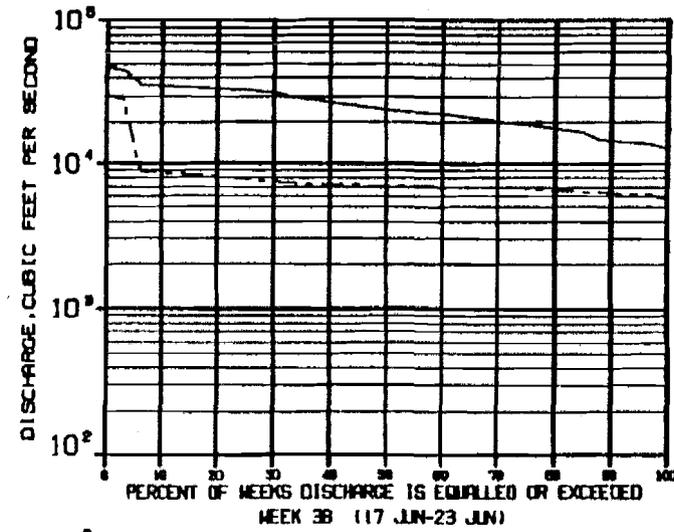
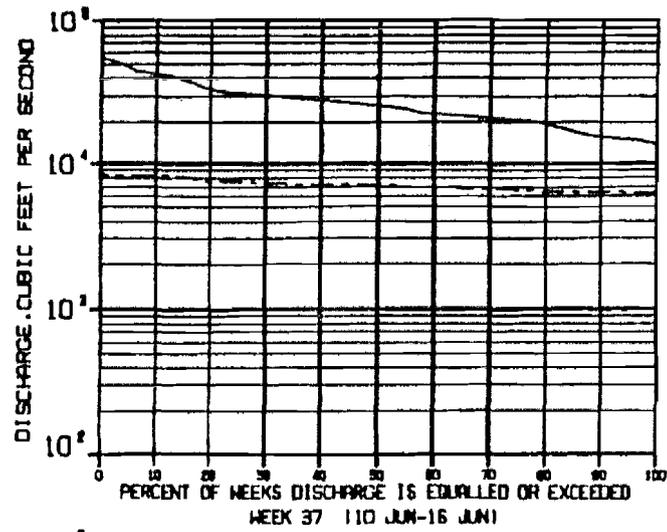


EXHIBIT 3  
SHEET 9 OF 19

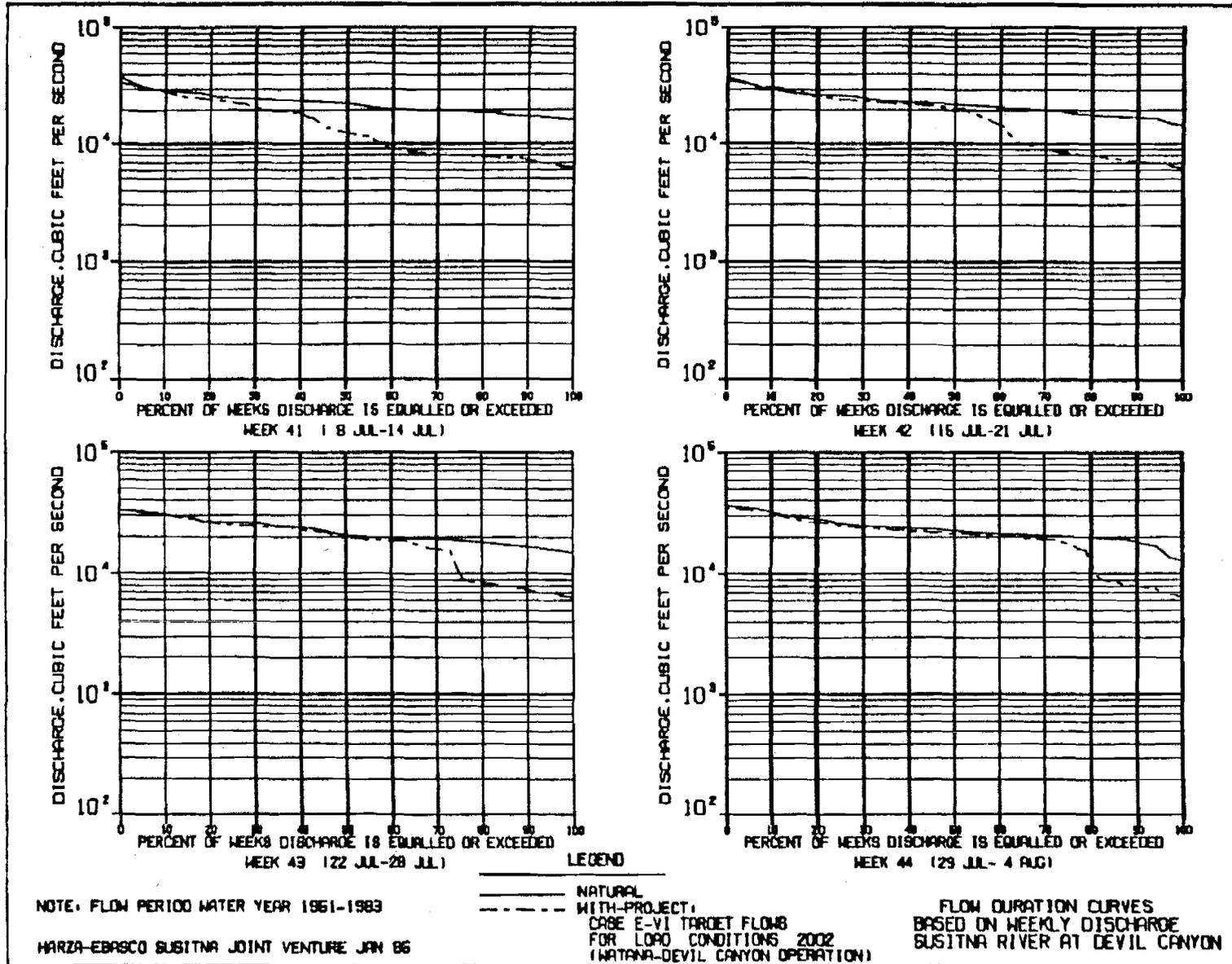


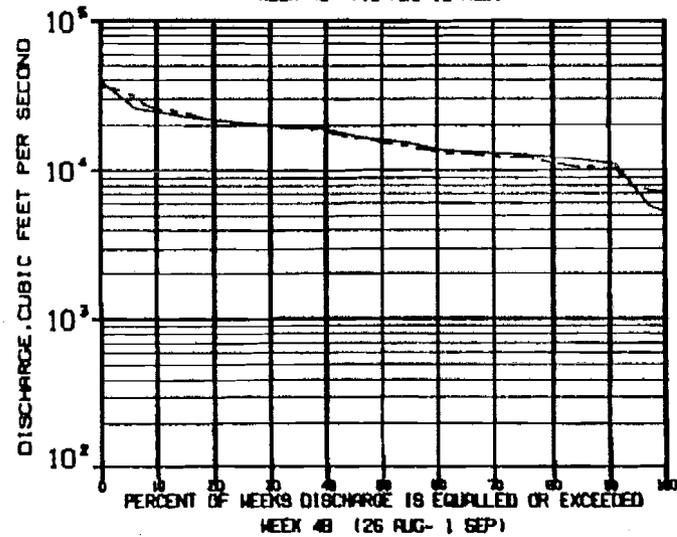
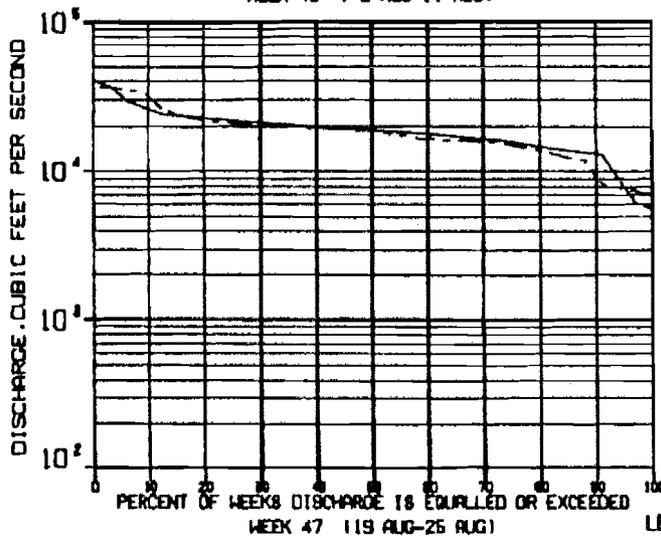
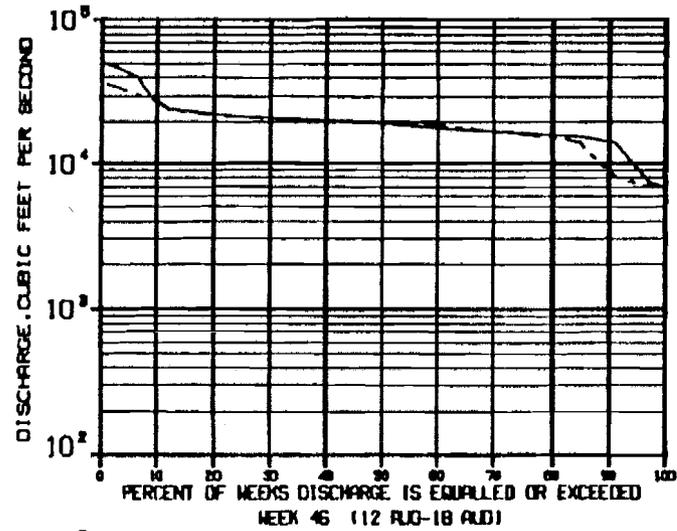
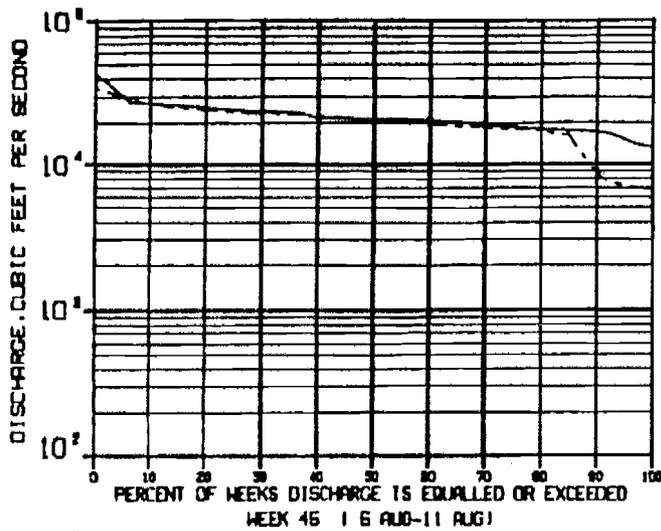
NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

LEGEND  
 — NATURAL  
 - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON



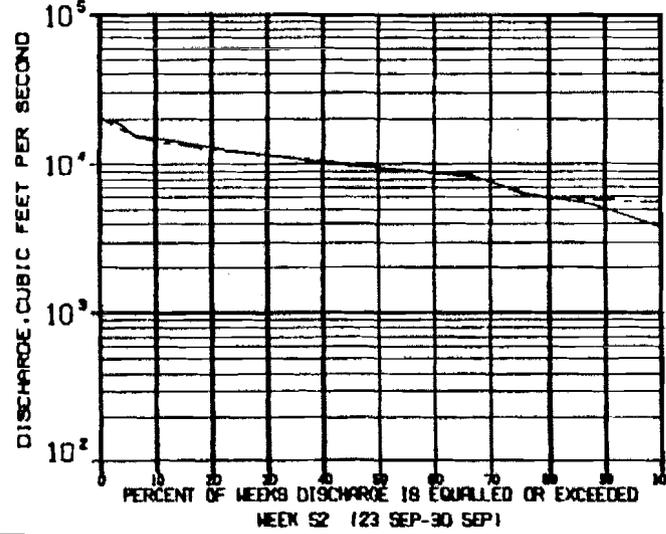
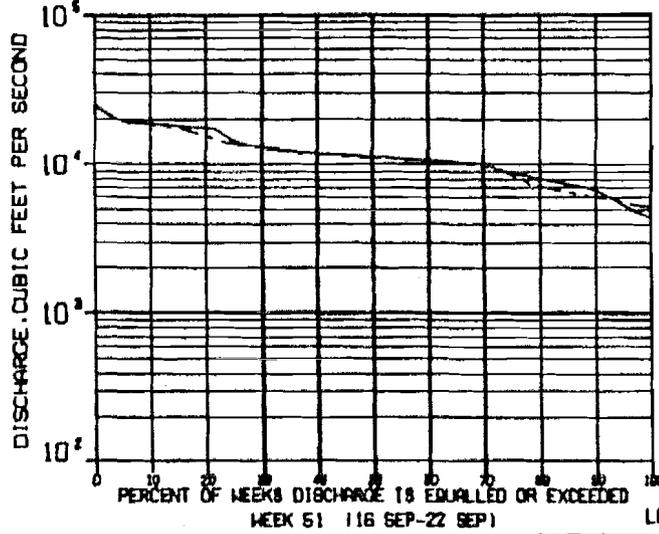
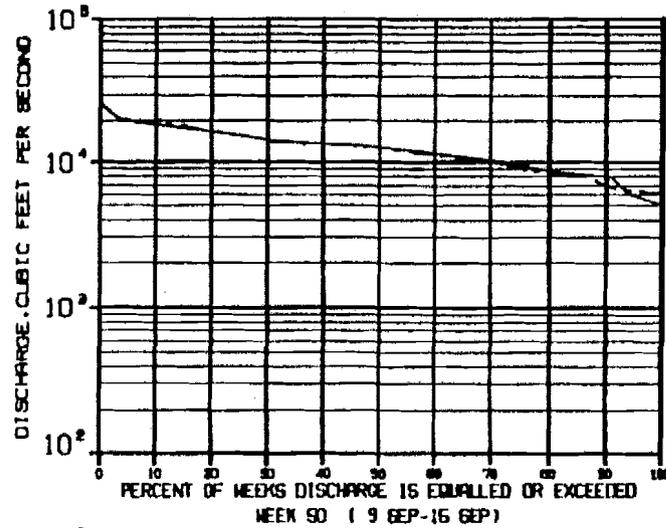
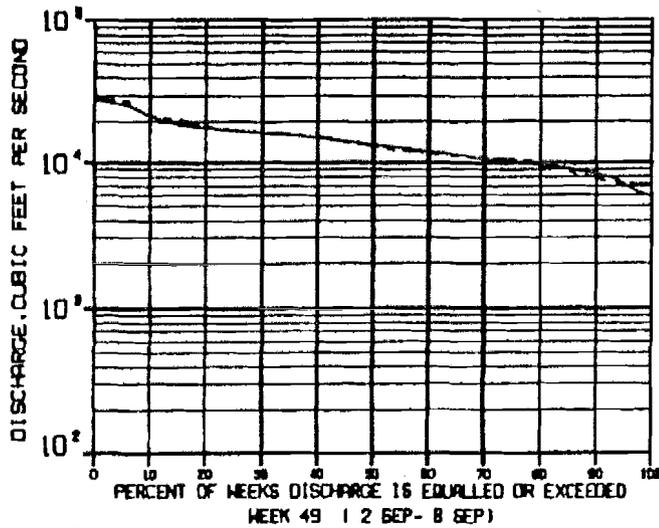


LEGEND

—— NATURAL  
 - - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON



LEGEND

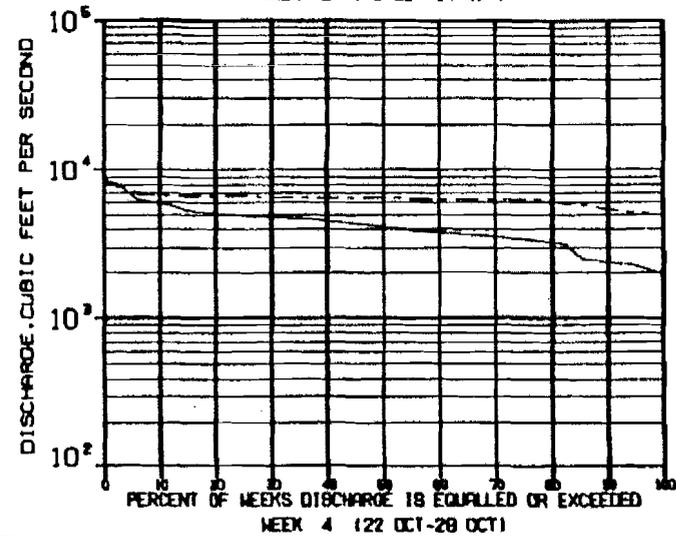
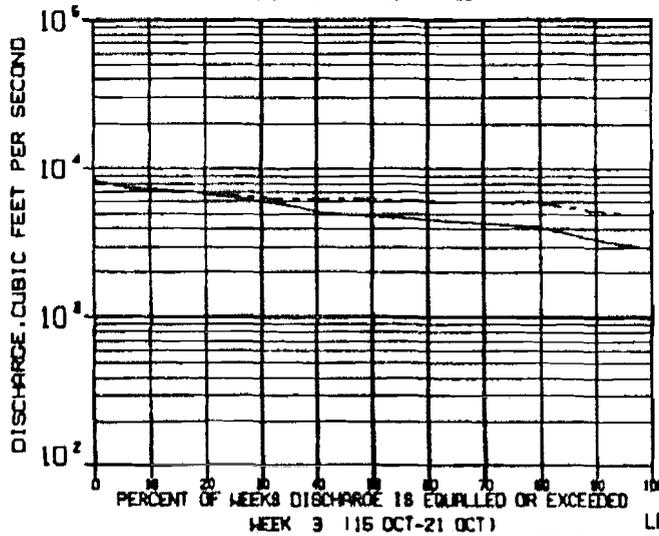
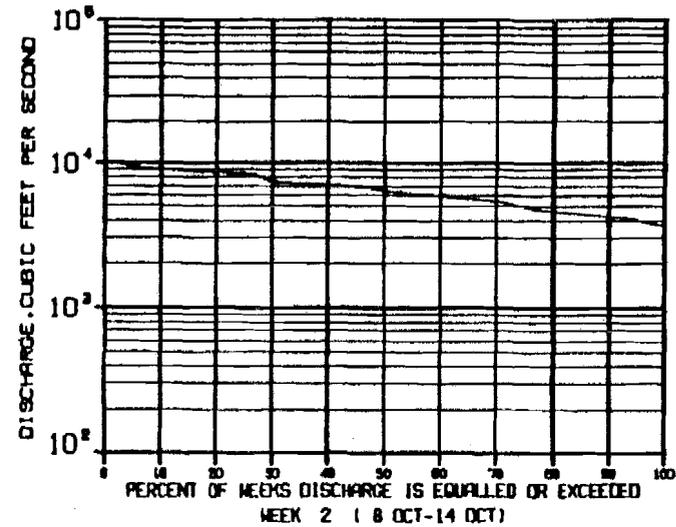
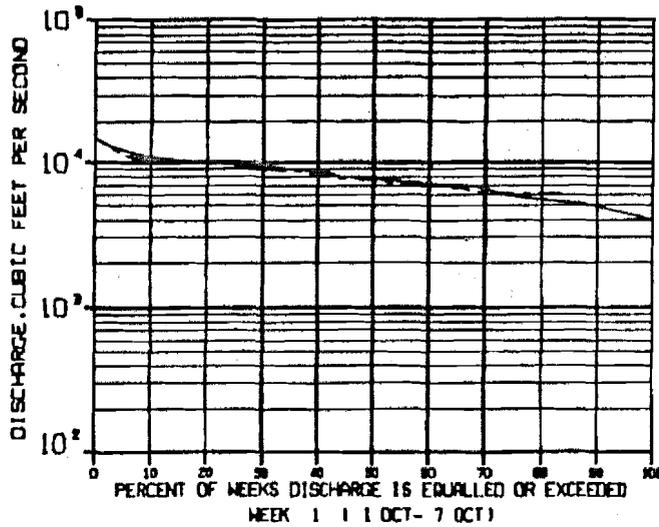
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 - - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

NOTE. FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 3  
 SHEET 13 OF 13

**EXHIBIT 4**



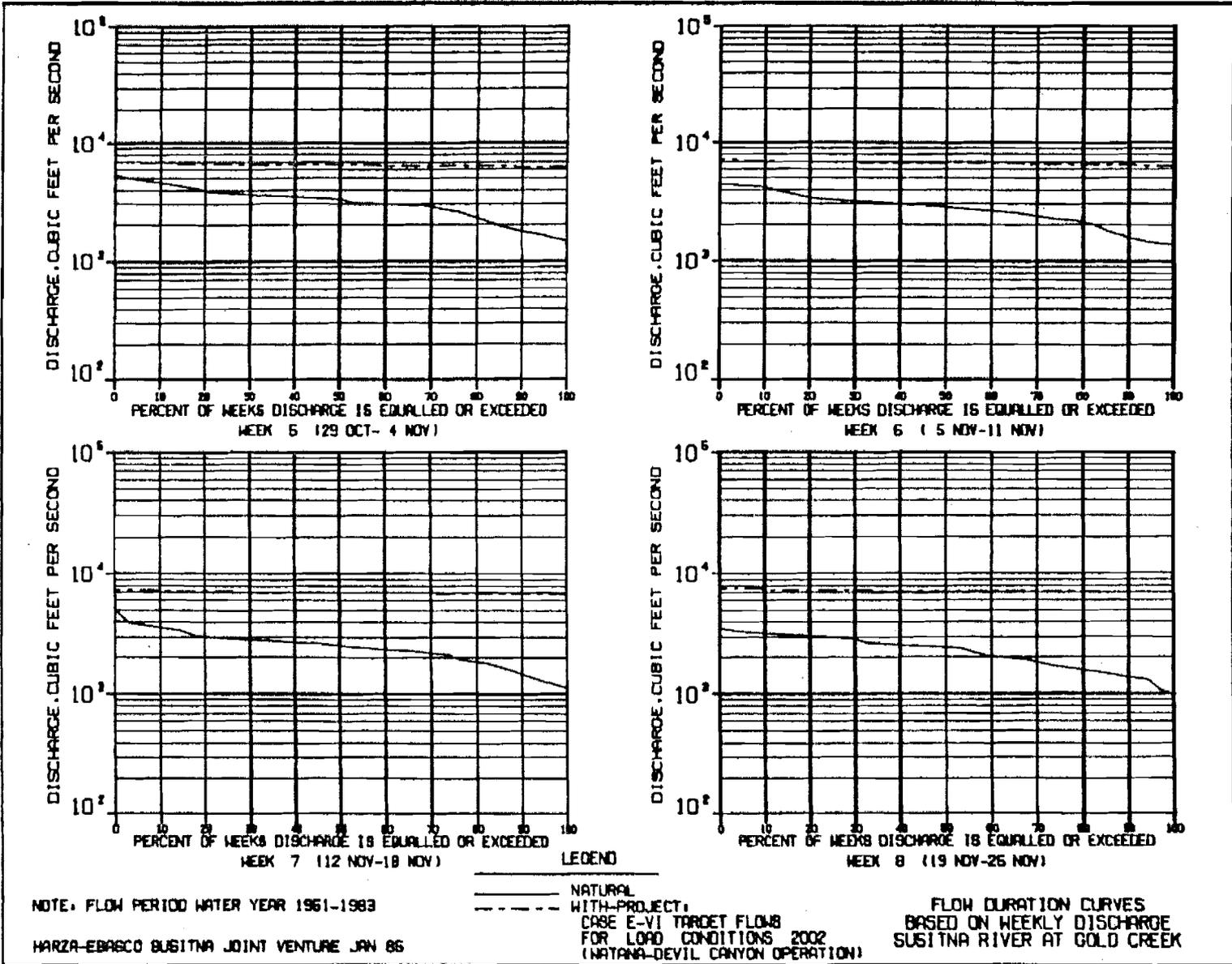
LEGEND

——— NATURAL  
 - - - WITH PROJECT;  
 CABE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBRSCO SUSITNA JOINT VENTURE JAN 86

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



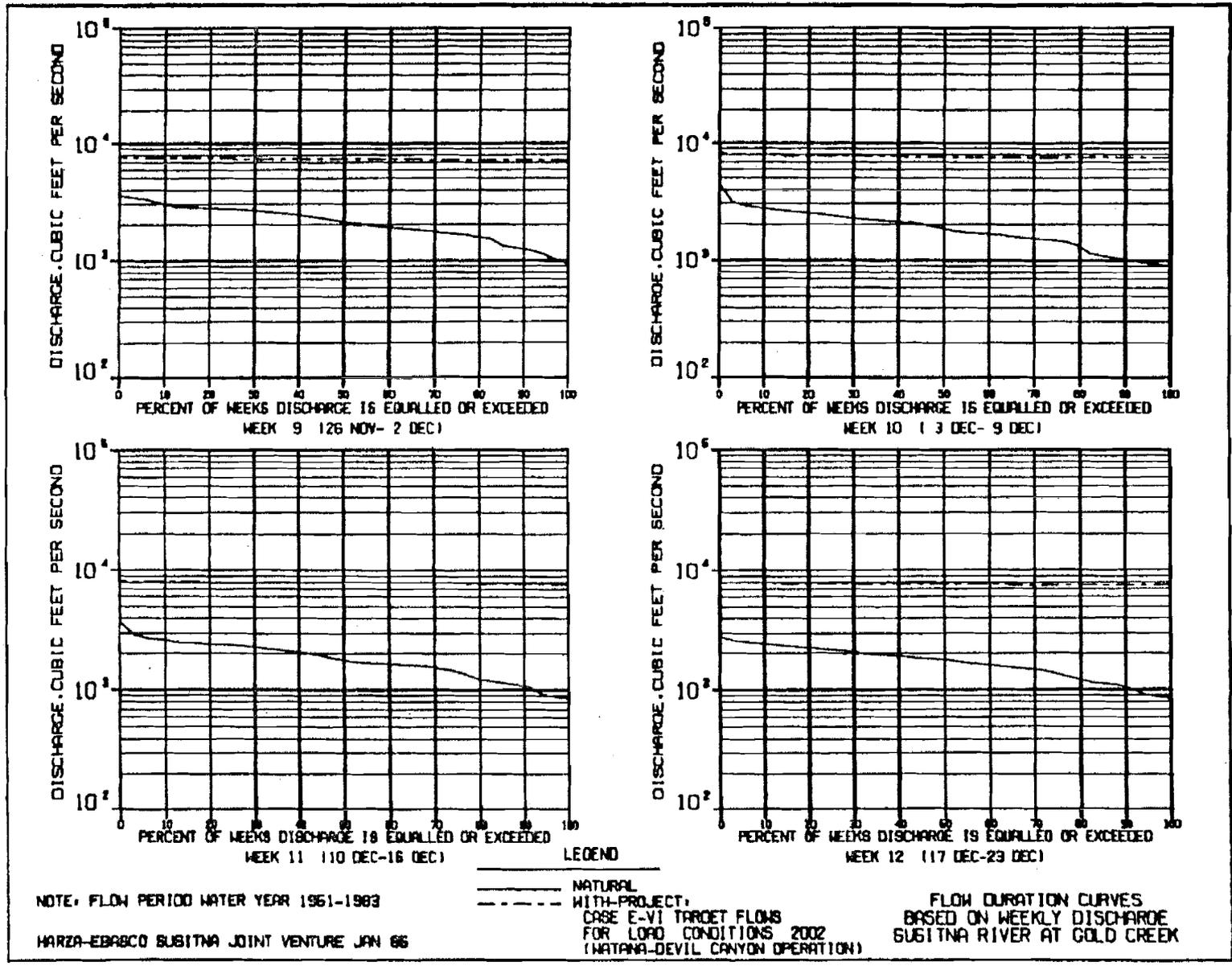
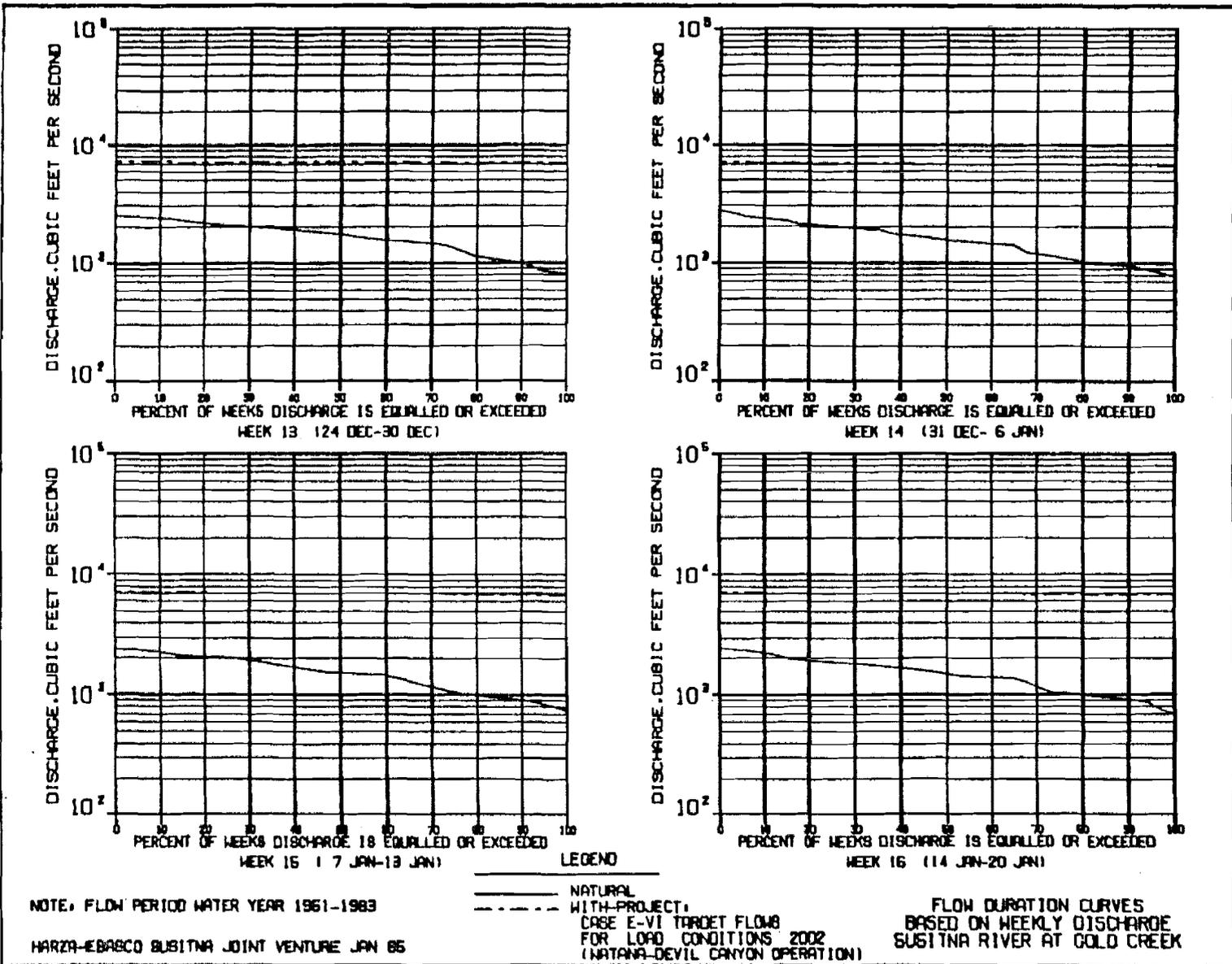
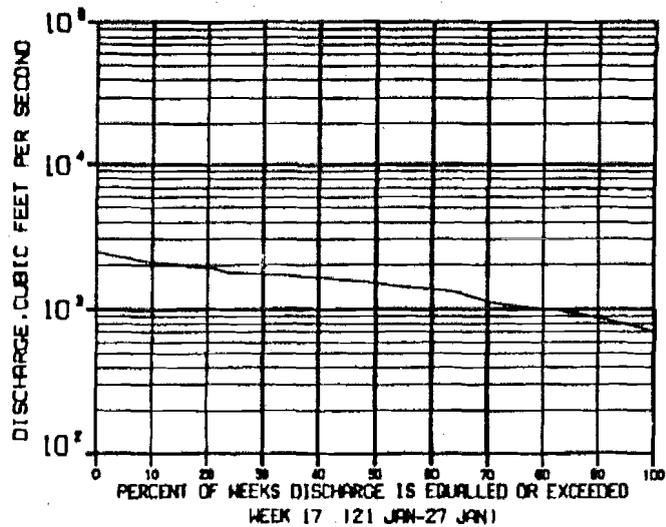
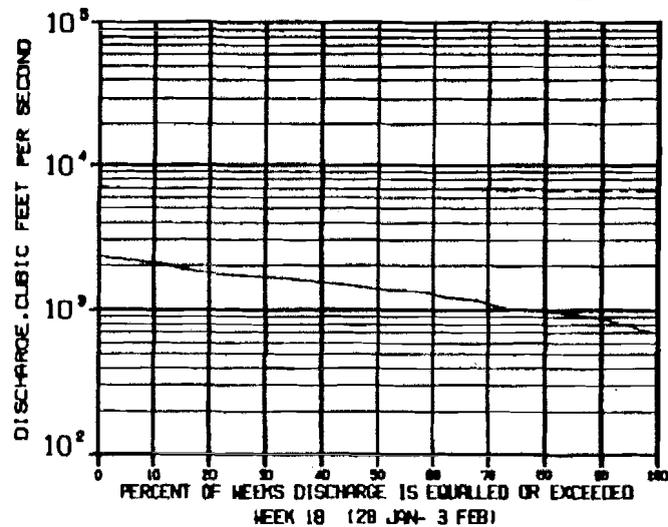


EXHIBIT 4  
 SHEET 9 OF 13

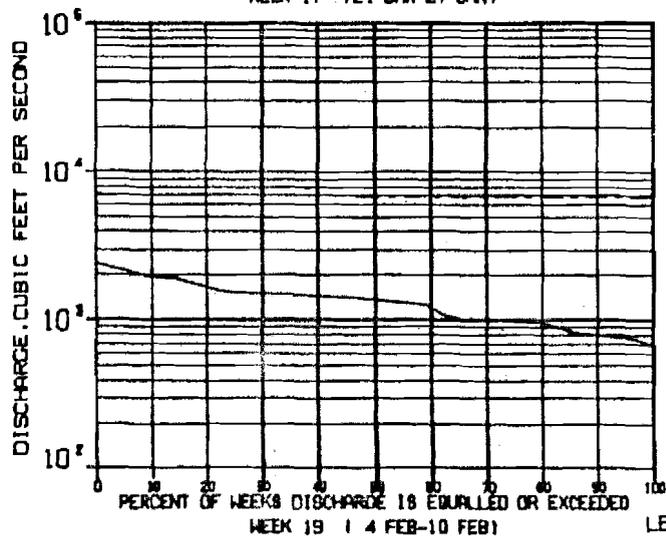




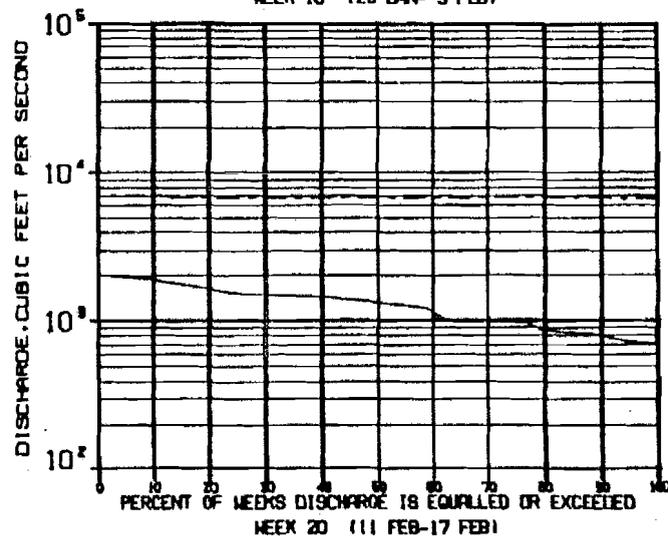
WEEK 17 (121 JAN-27 JAN)



WEEK 18 (128 JAN-3 FEB)



WEEK 19 (14 FEB-10 FEB)



WEEK 20 (11 FEB-17 FEB)

LEGEND

——— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUGITNA JOINT VENTURE JAN 86

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

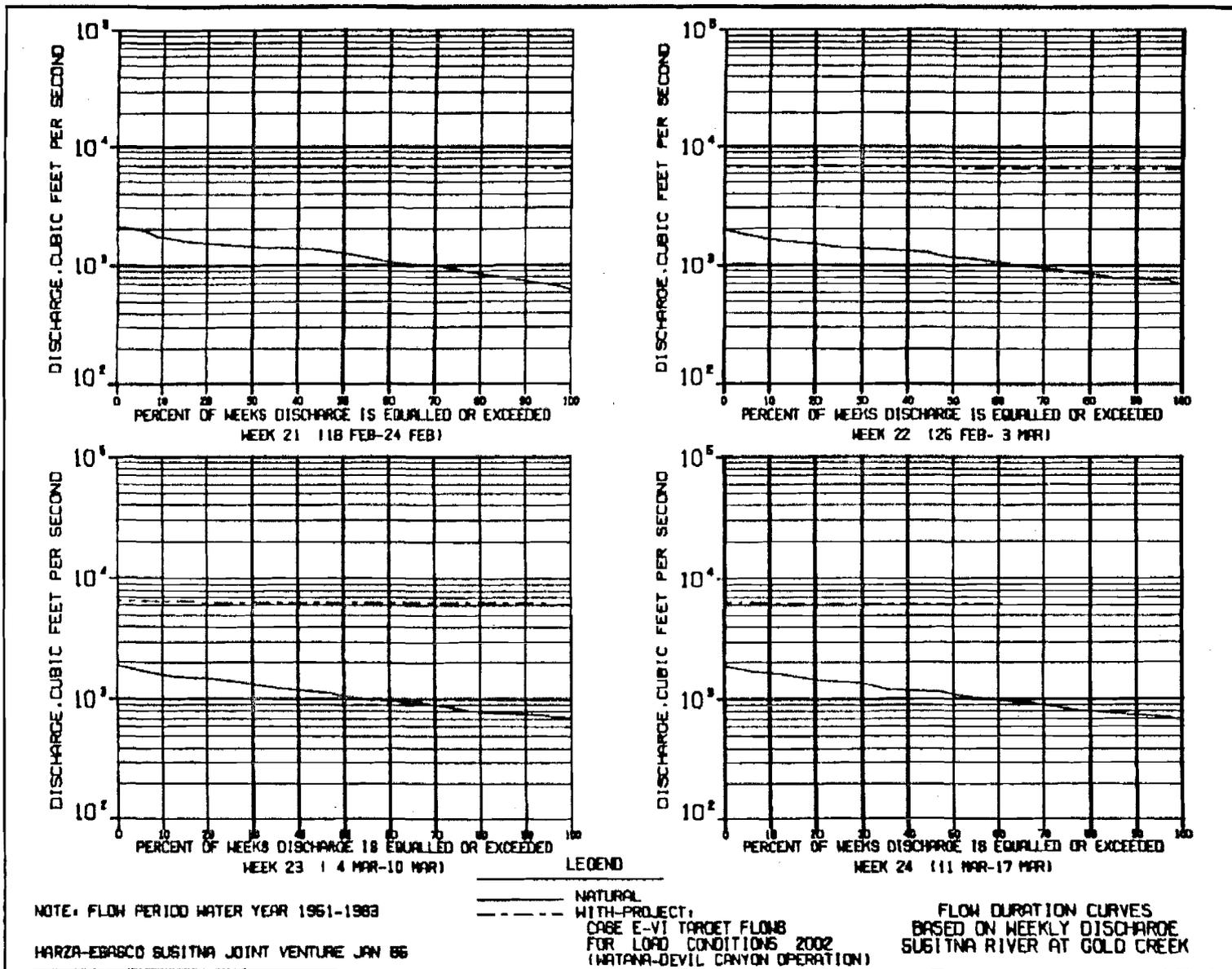
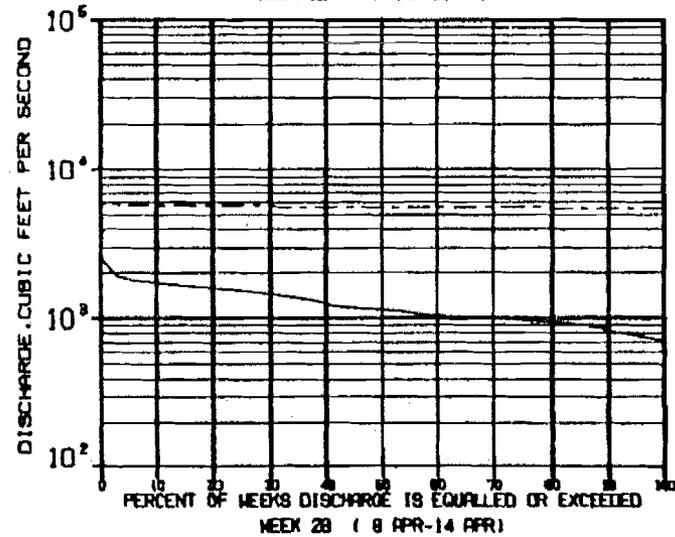
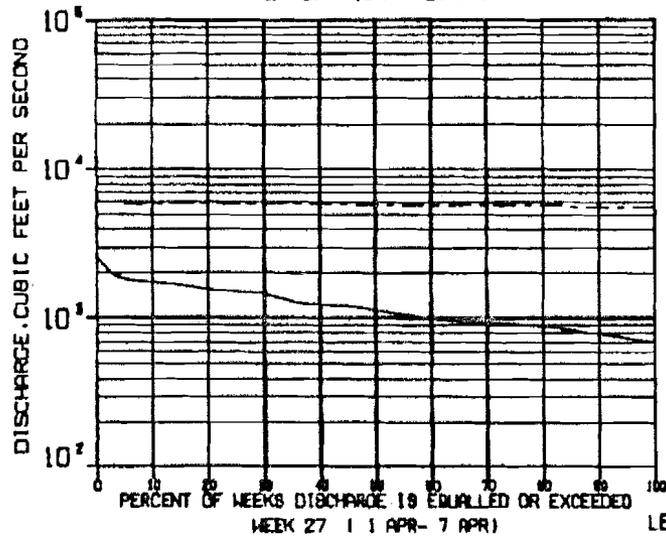
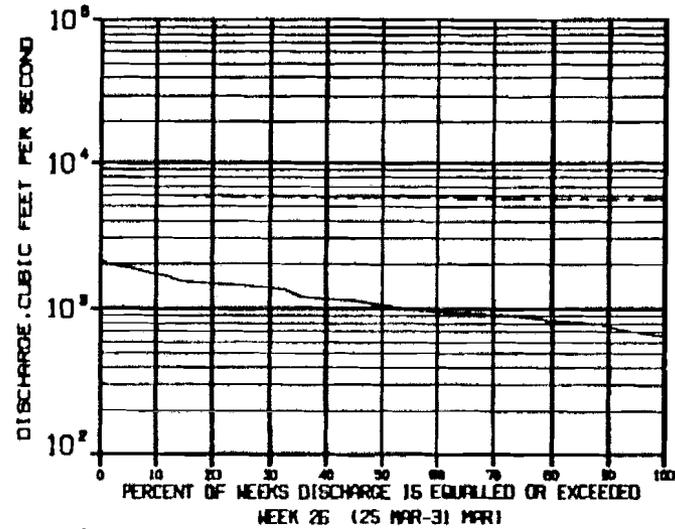
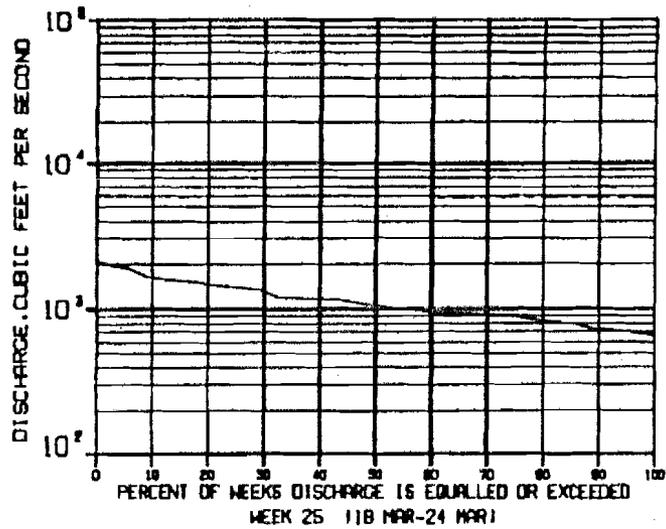


EXHIBIT 4  
SHEET 6 OF 13



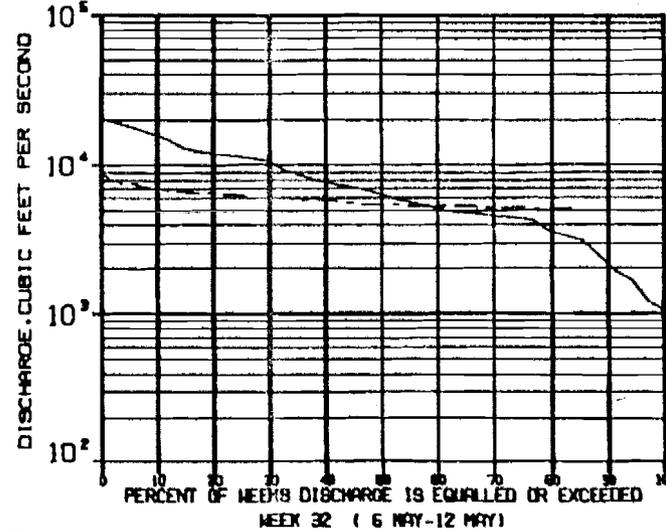
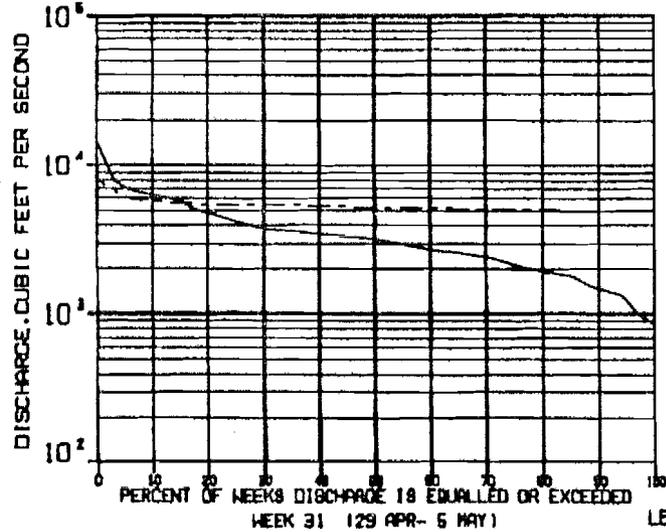
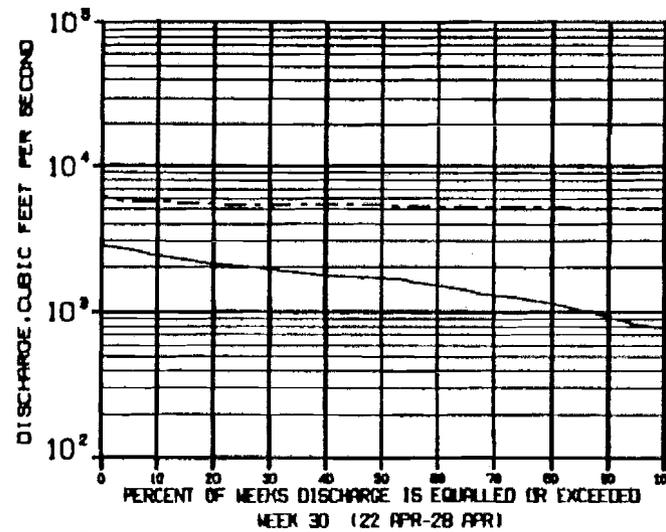
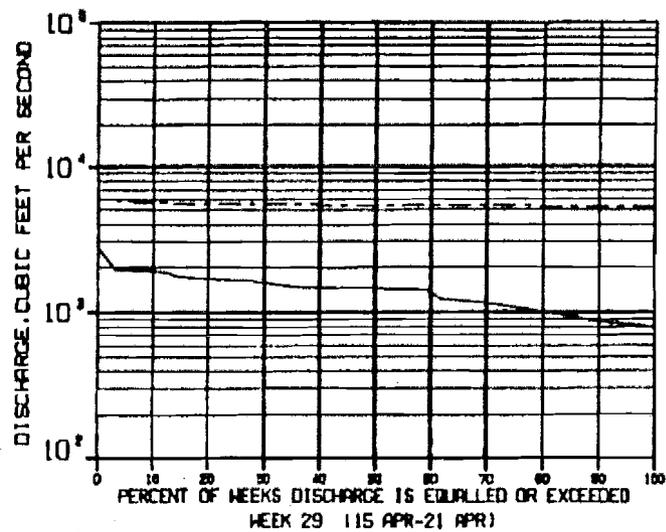
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983

MARZA-EBAGCO BUSITNA JOINT VENTURE JAN 06

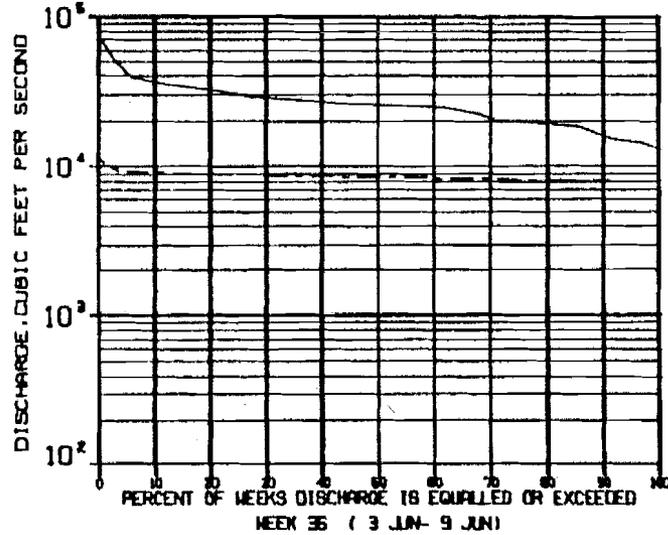
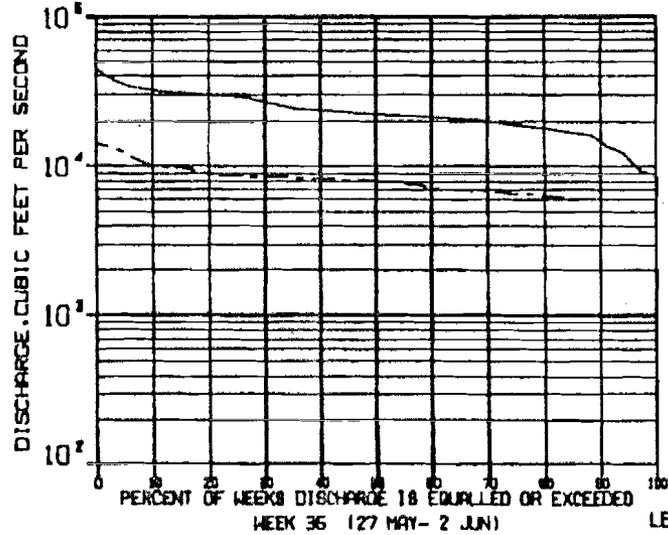
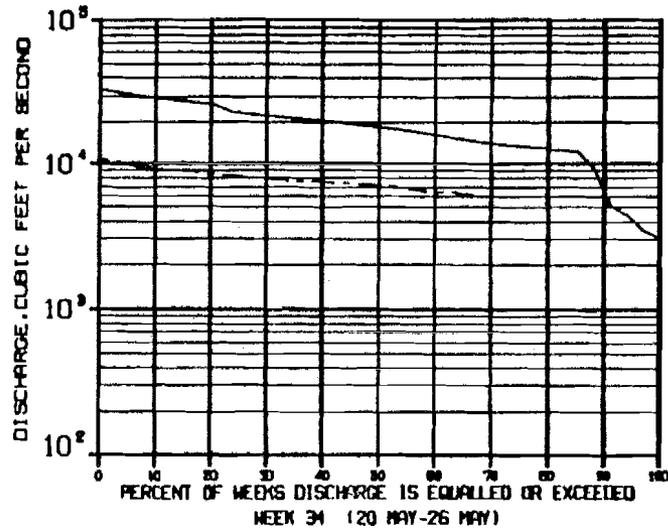
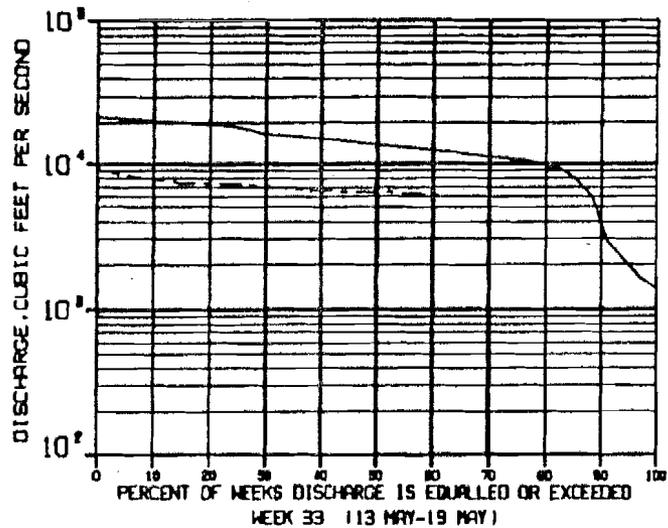
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT GOLD CREEK



NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUBITNA JOINT VENTURE JAN 66

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

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



LEGEND

———— NATURAL

----- WITH-PROJECT

CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2002  
(WATANA-DEVIL CANYON OPERATION)

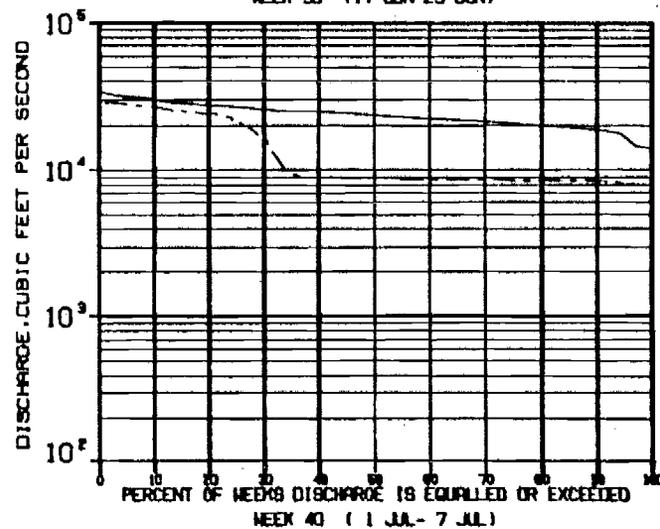
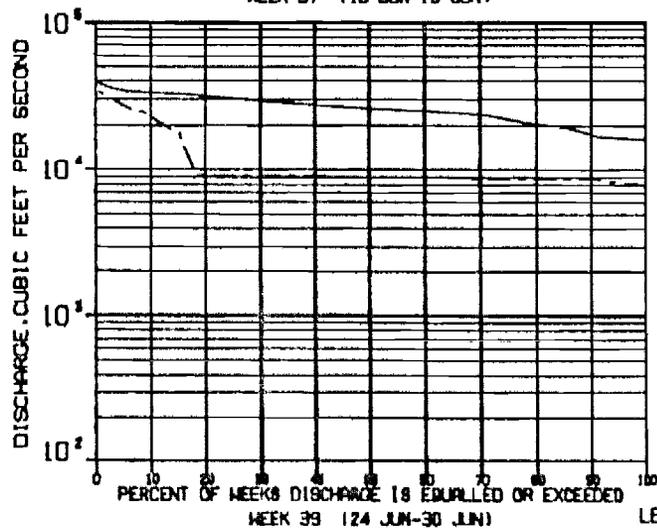
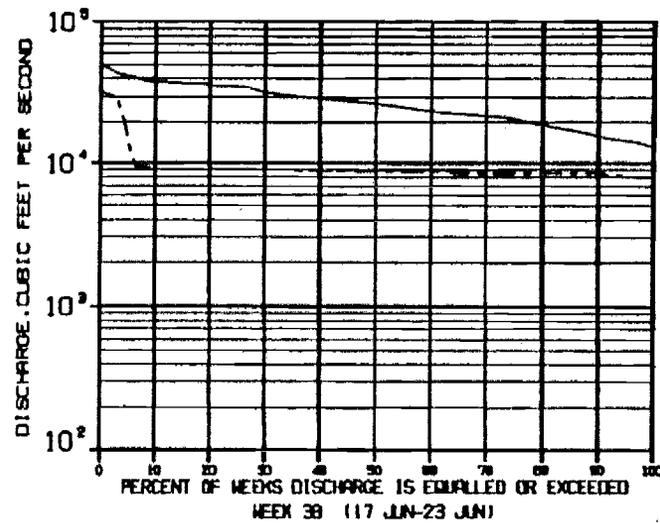
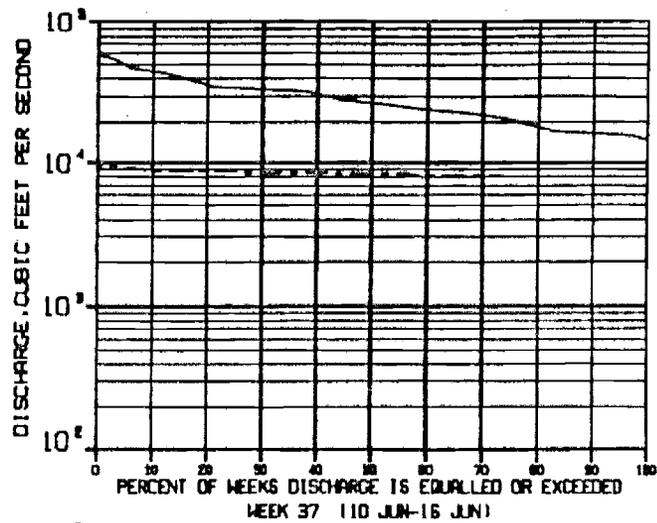
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSTINA JOINT VENTURE JAN 66

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

EXHIBIT 4

SHEET 9 OF 13



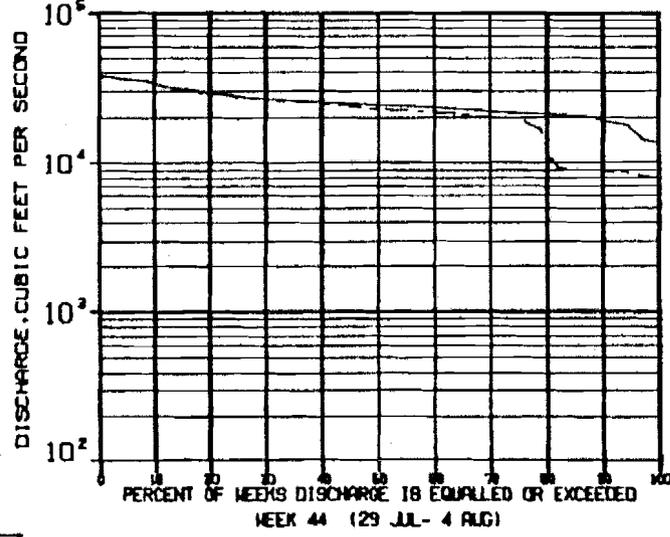
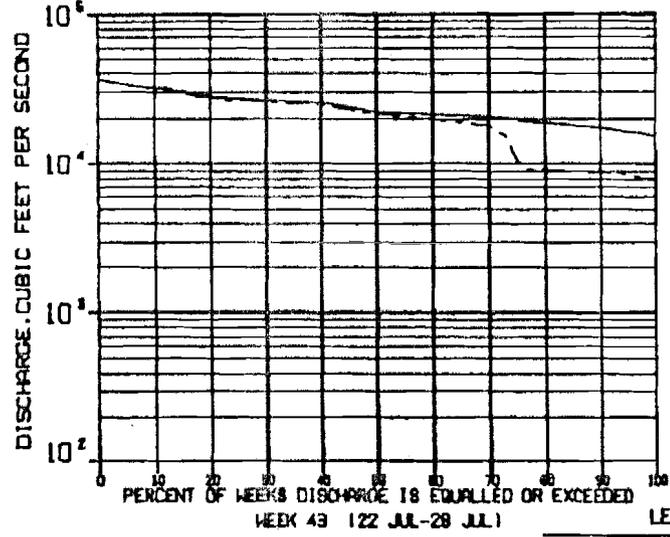
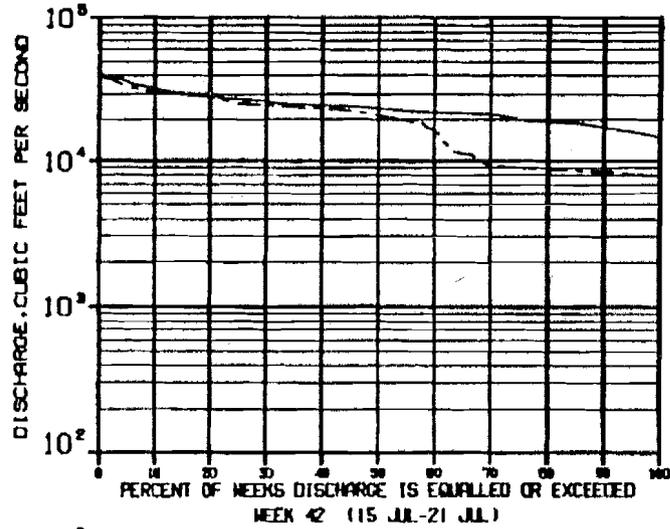
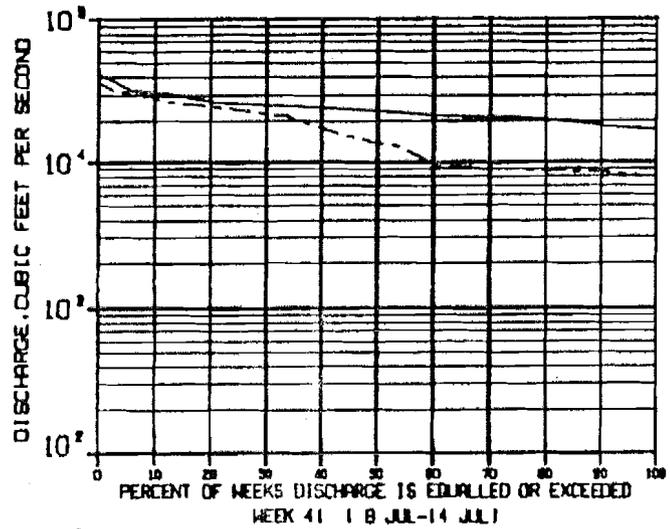
LEGEND

———— NATURAL  
 - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

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



LEGEND

———— NATURAL  
 - - - - - WITH-PROJECT

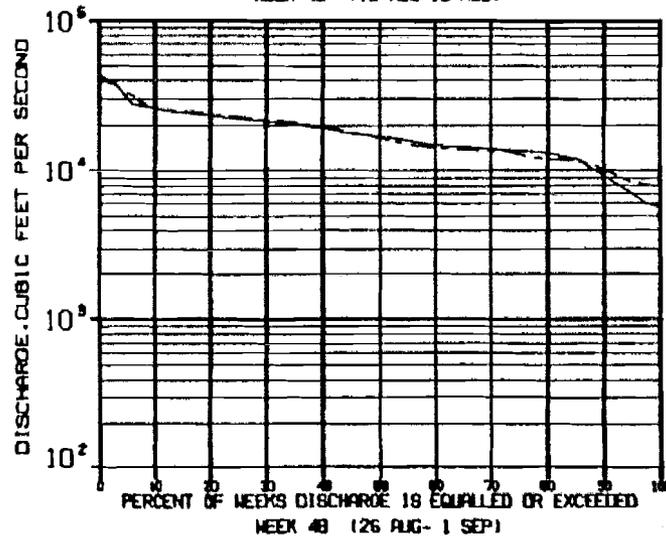
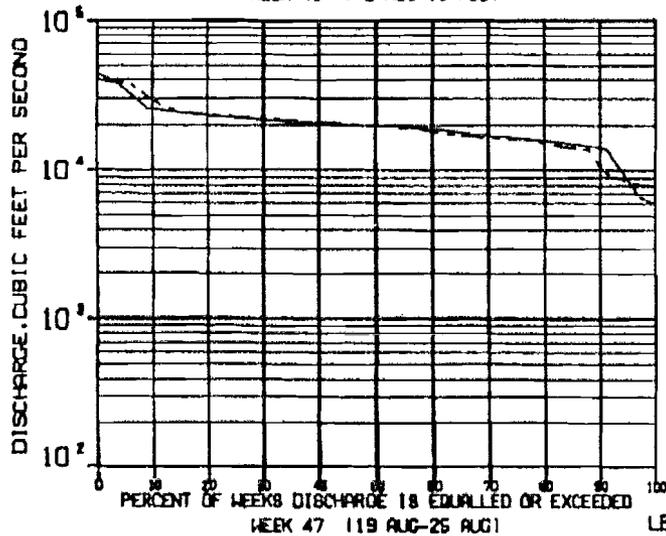
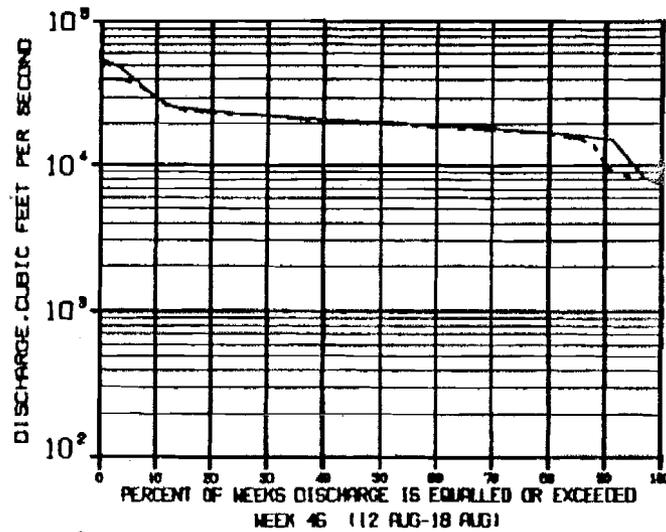
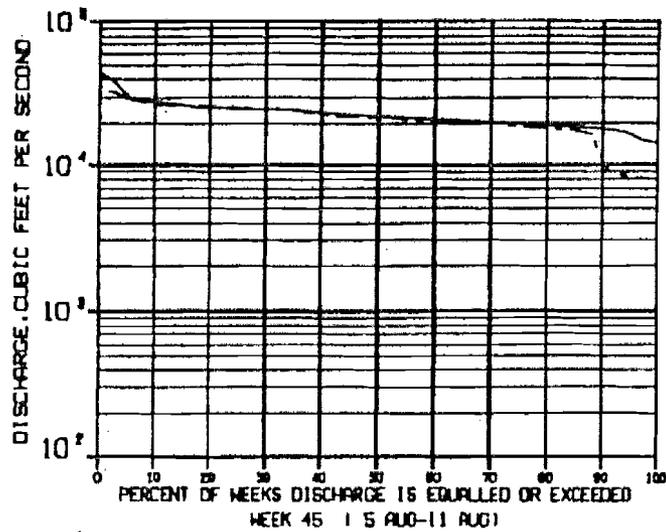
CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

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

EXHIBIT 4  
 SHEET 11 OF 19



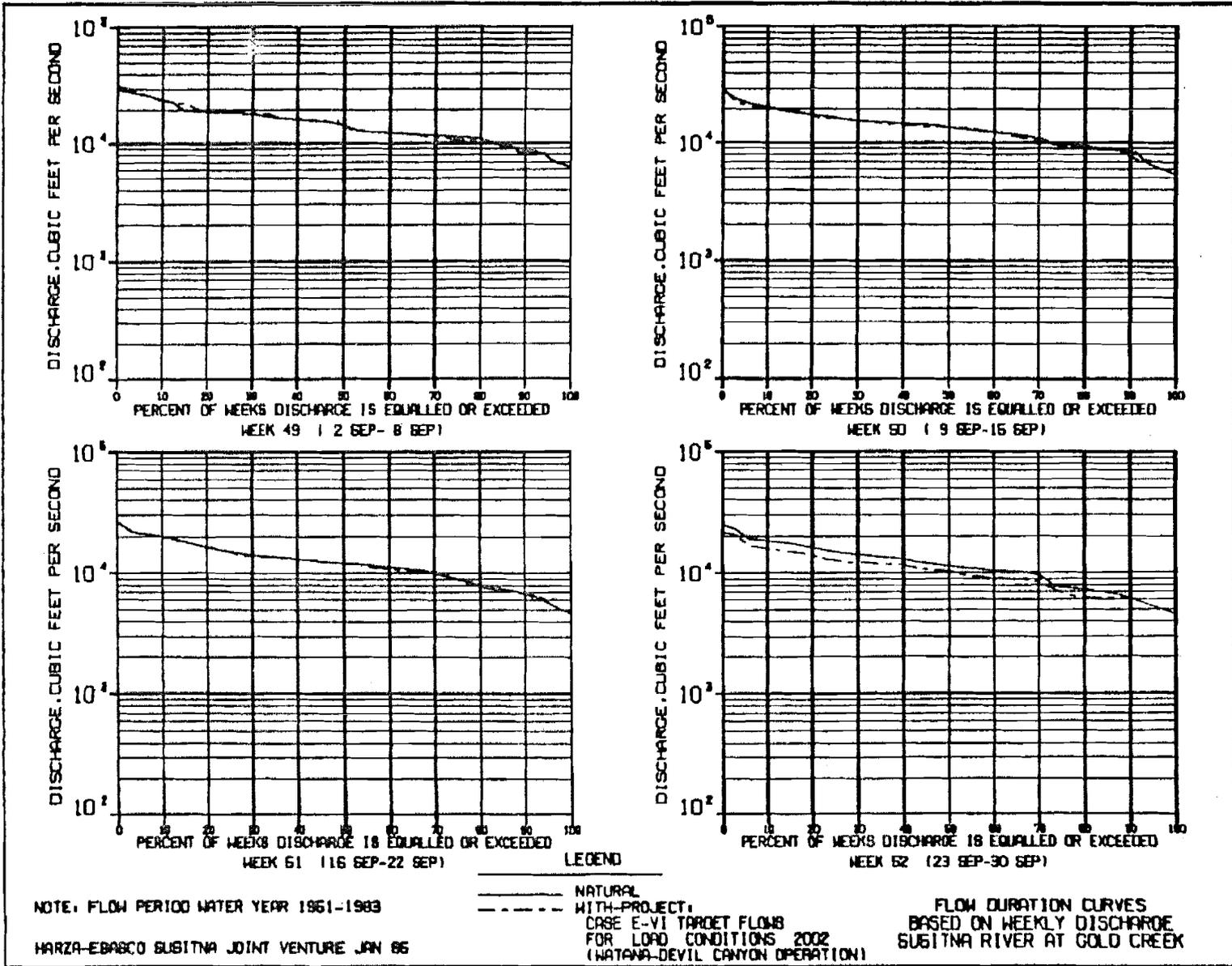
LEGEND

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 - - - - - WITH PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

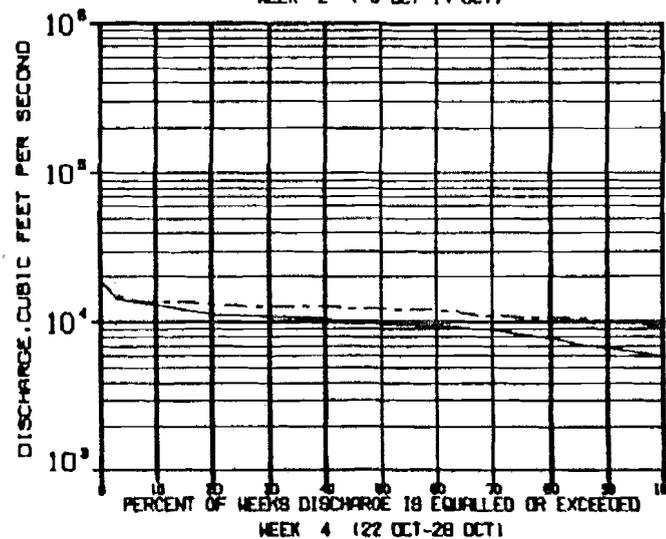
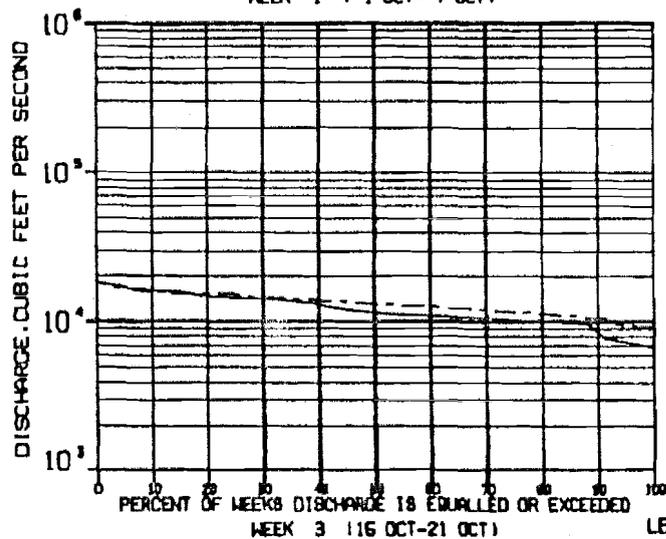
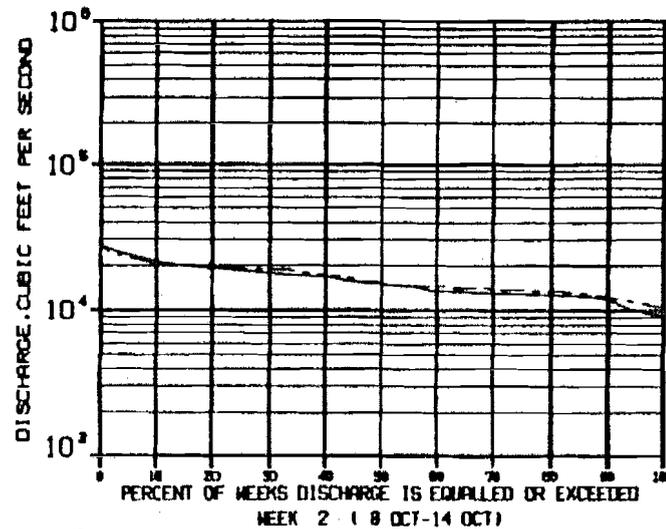
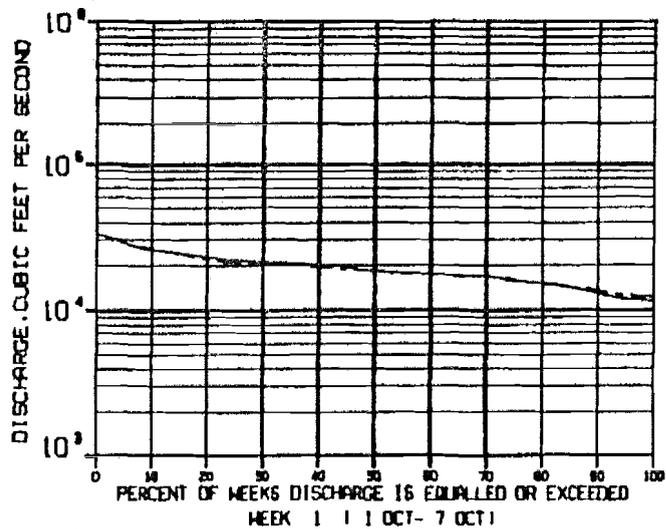
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 85

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



**EXHIBIT 5**



LEGEND

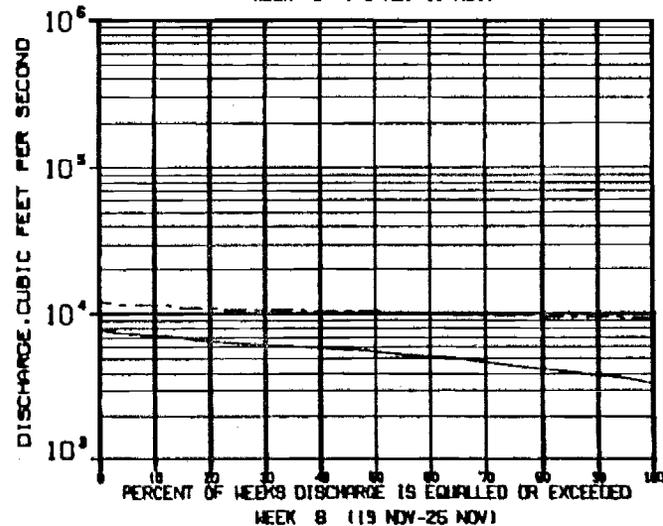
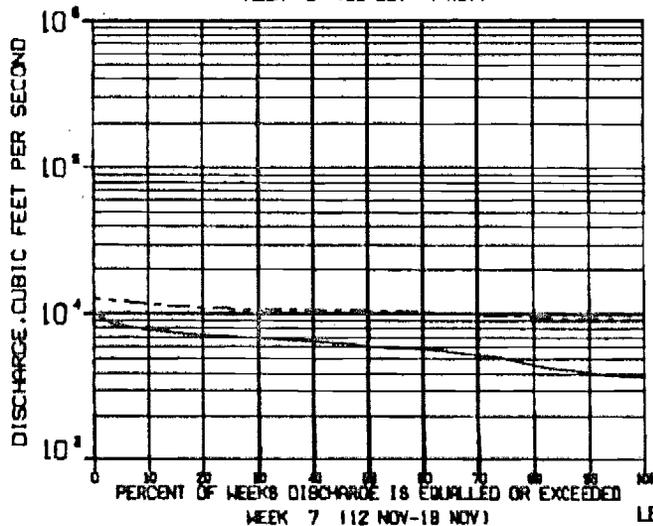
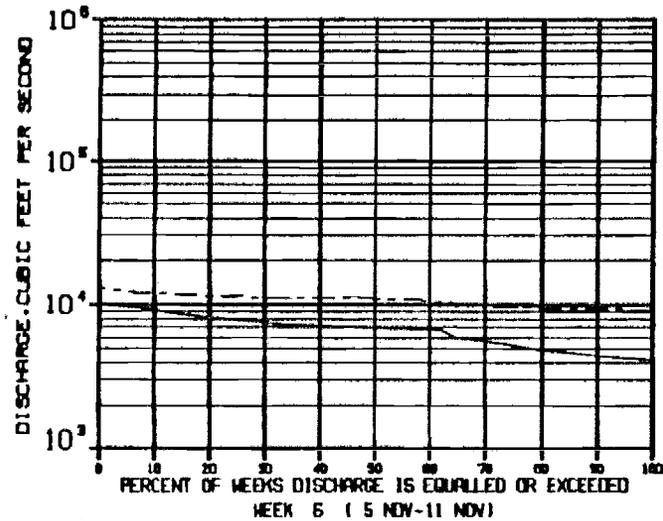
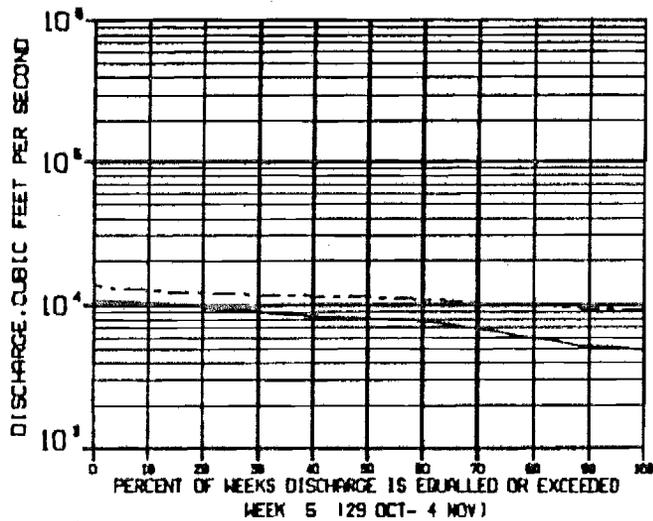
———— NATURAL  
 - - - - WITH PROJECT

CASE E-VI TARGET FLOWS  
 FOR LOW CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO BUBITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE



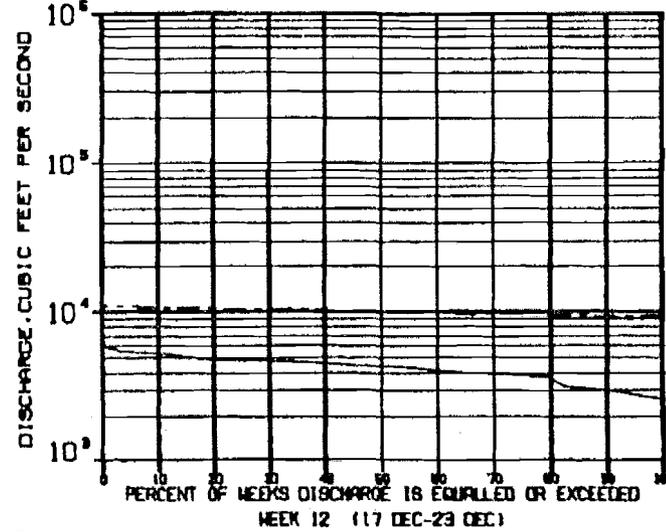
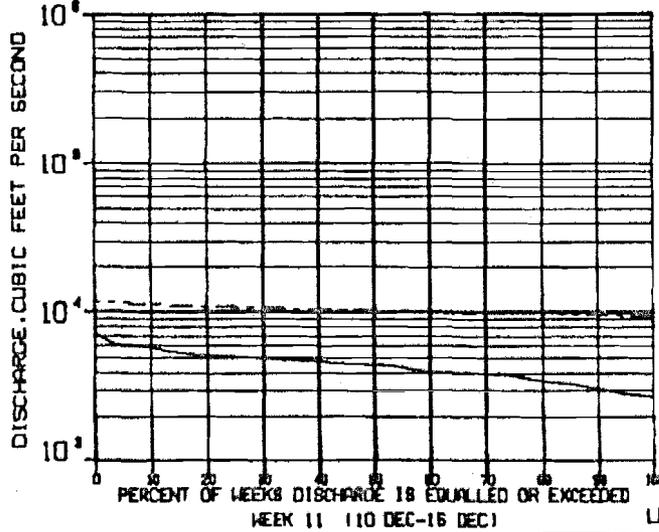
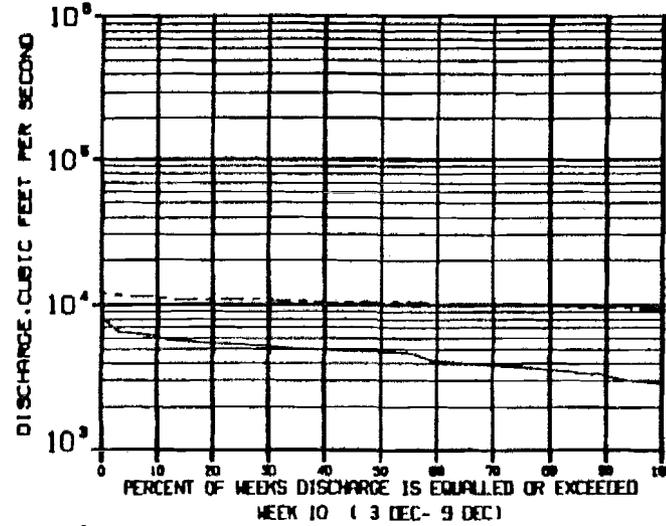
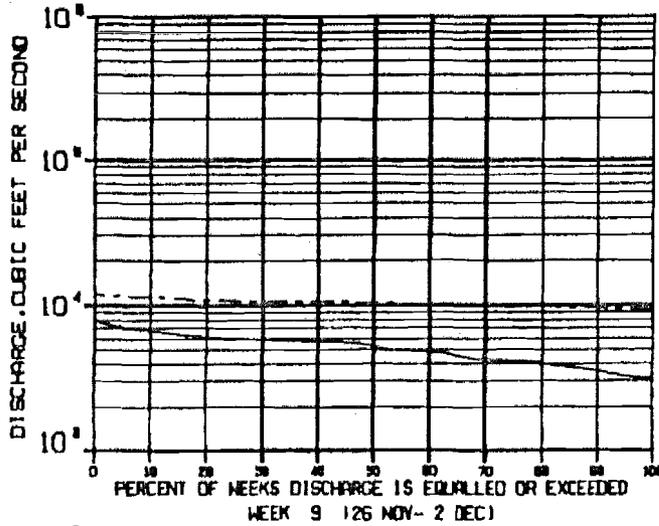
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

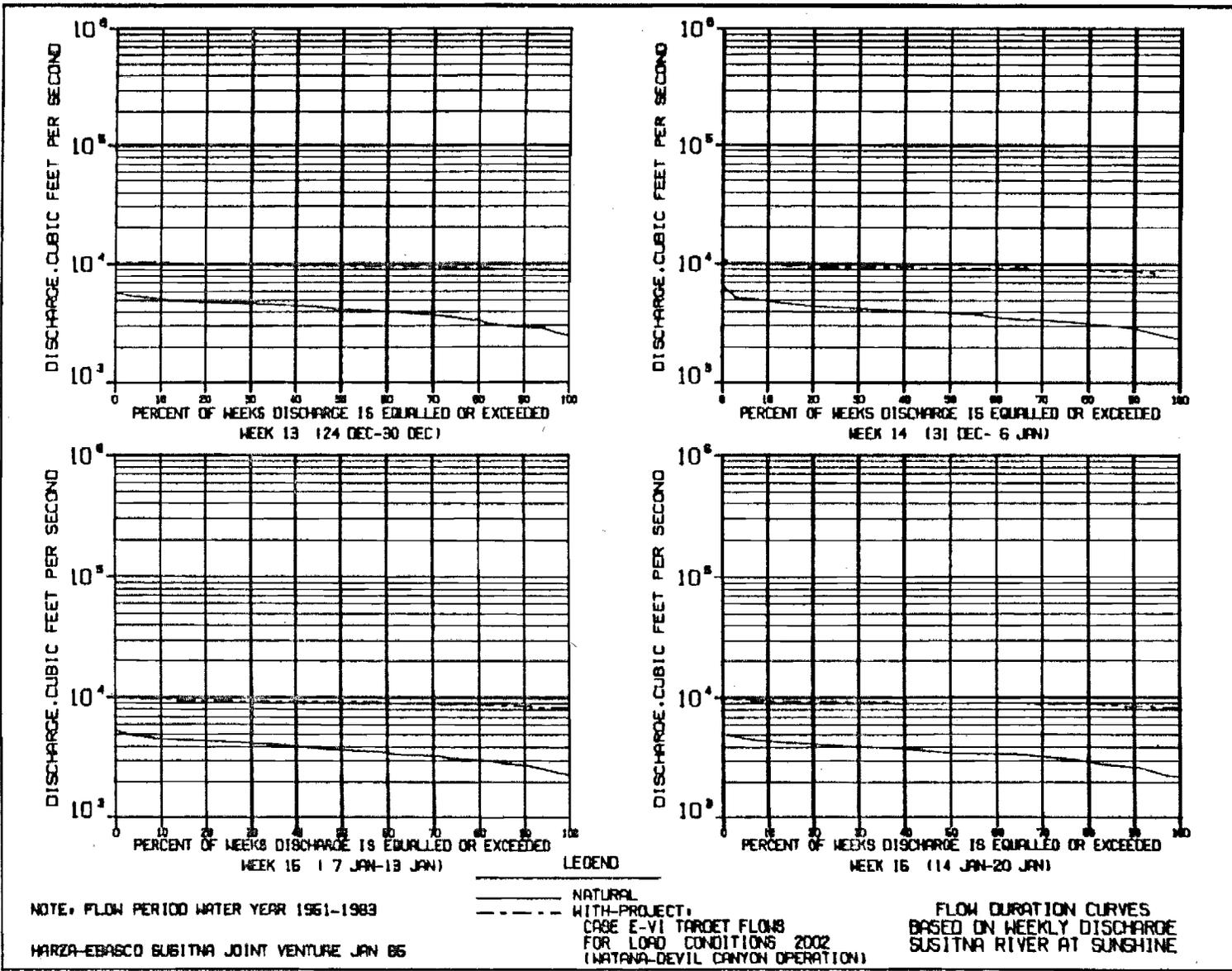


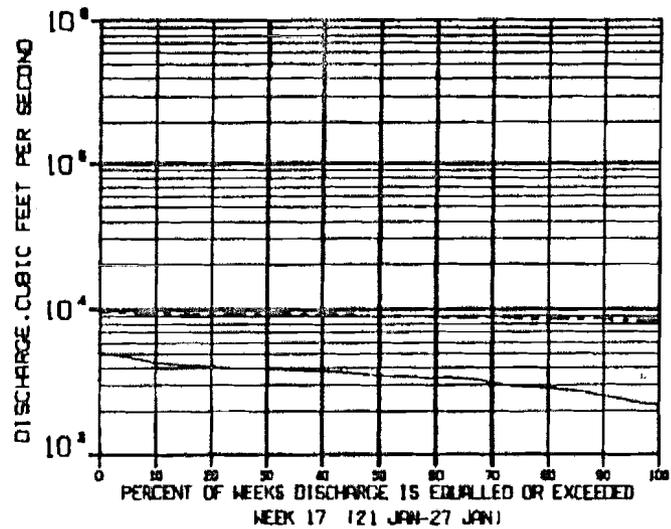
LEGEND

—— NATURAL  
 - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

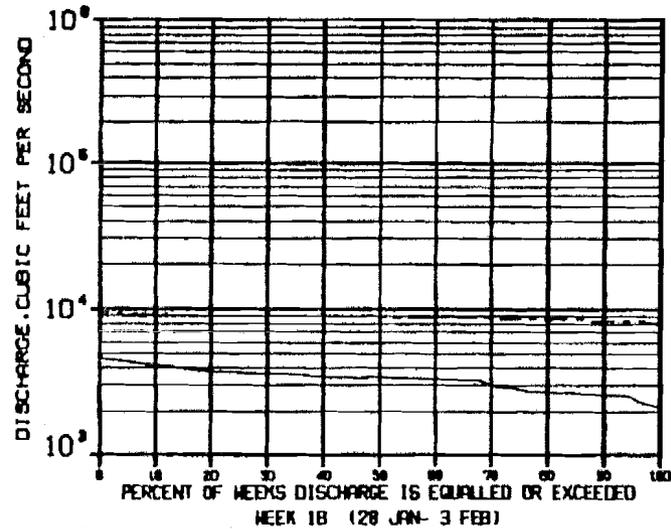
NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

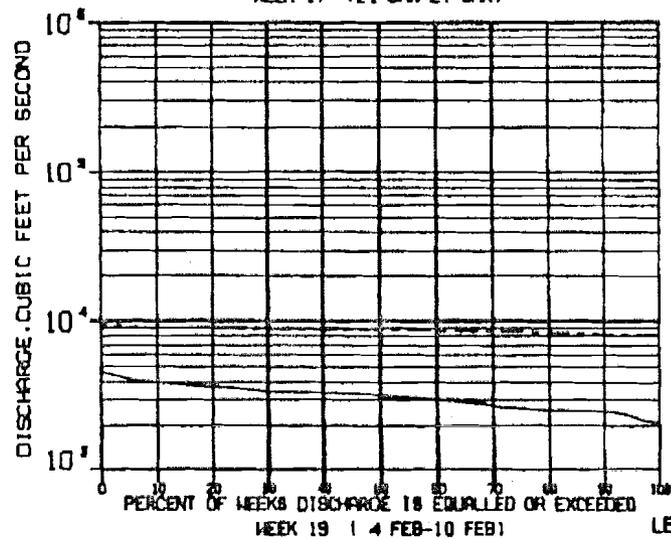




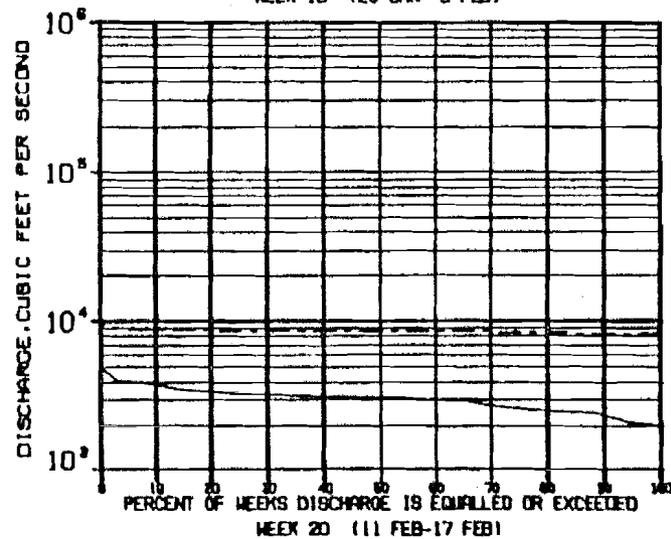
WEEK 17 (21 JAN-27 JAN)



WEEK 18 (28 JAN-3 FEB)



WEEK 19 (4 FEB-10 FEB)



WEEK 20 (11 FEB-17 FEB)

LEGEND

—— NATURAL

----- WITH PROJECT

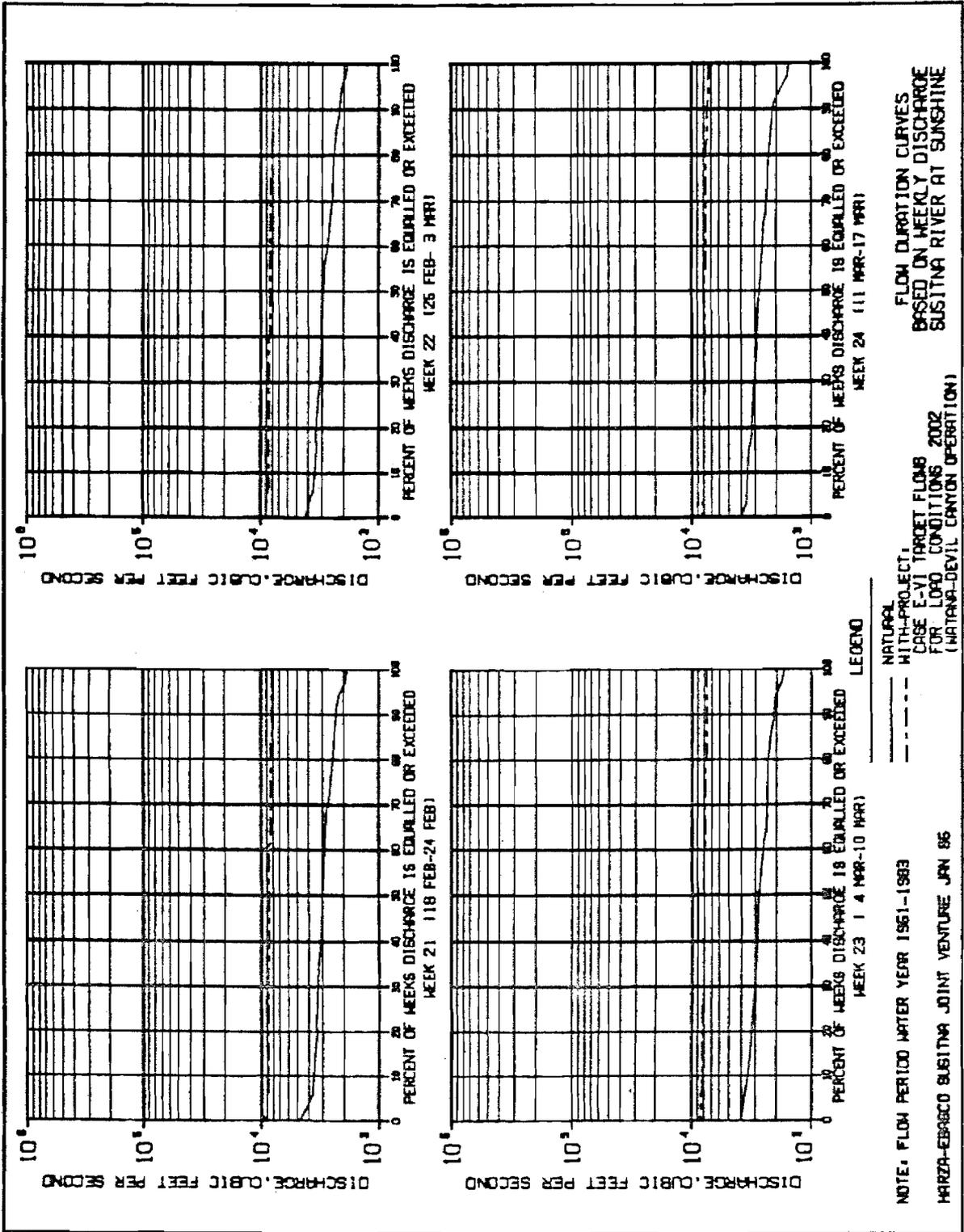
CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2002  
(NATANA-DEVIL CANYON OPERATION)

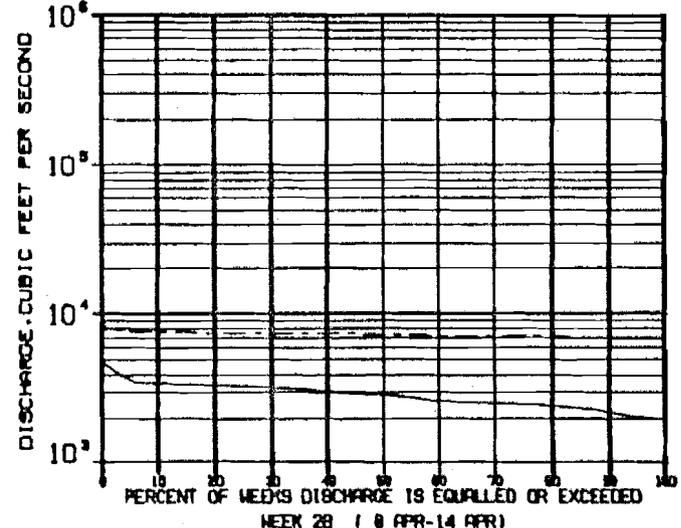
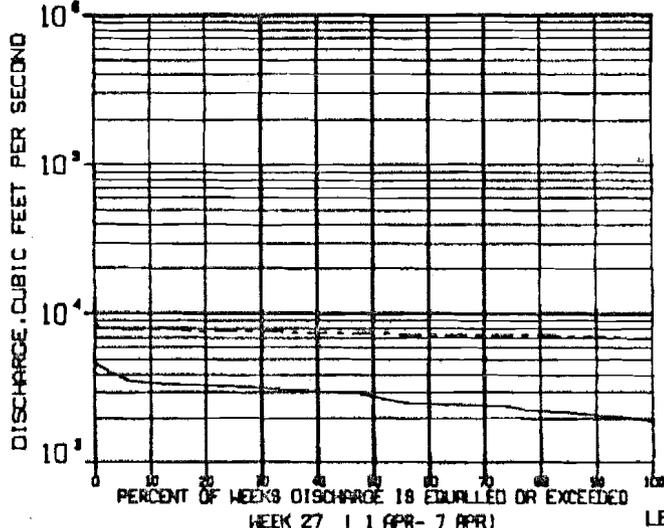
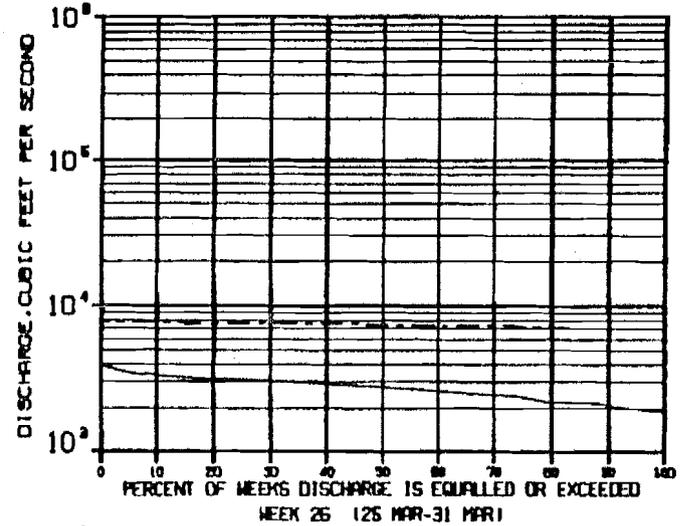
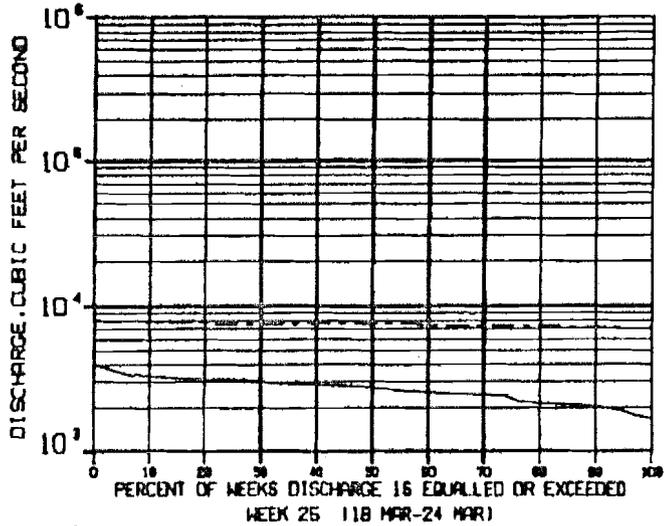
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSITNA RIVER AT SUNSHINE

EXHIBIT 5  
SHEET 6 OF 13





LEGEND

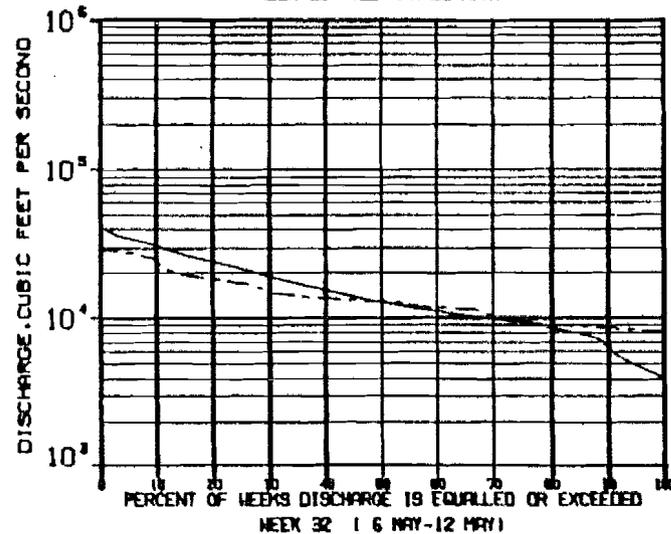
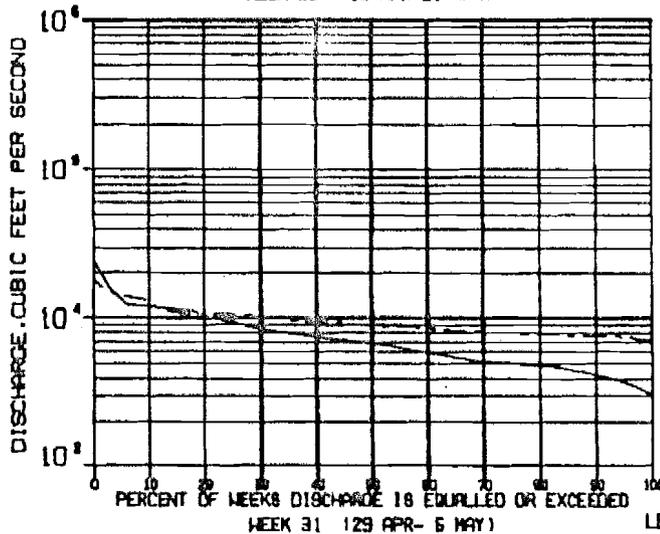
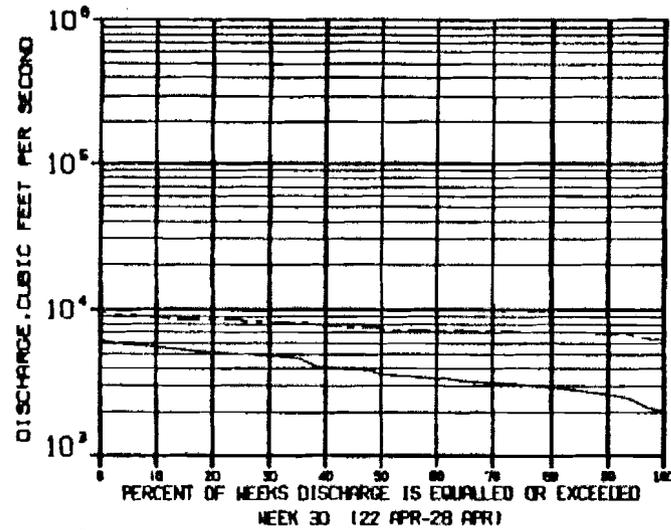
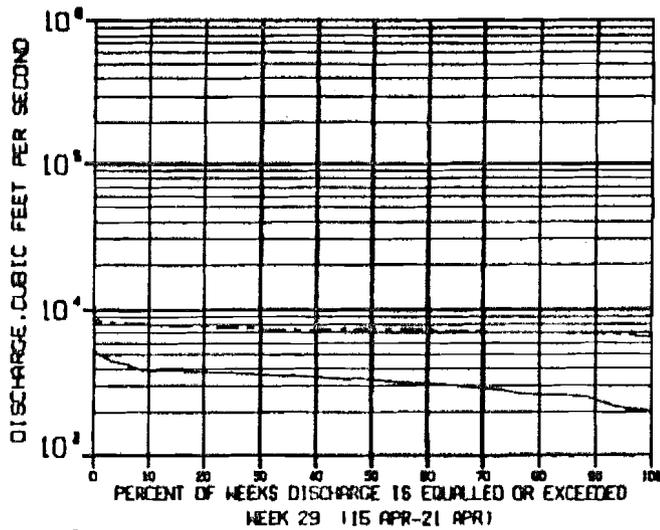
———— NATURAL  
 - - - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBAGCO SUSITNA JOINT VENTURE JAN 86

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

EXHIBIT 5  
 SHEET 7 OF 19

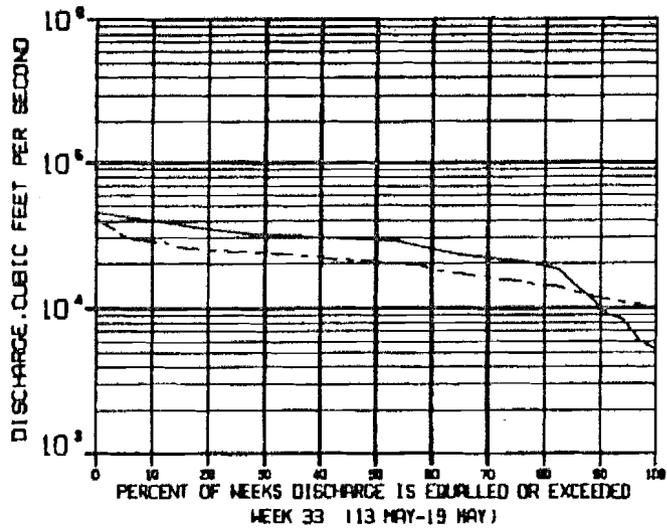


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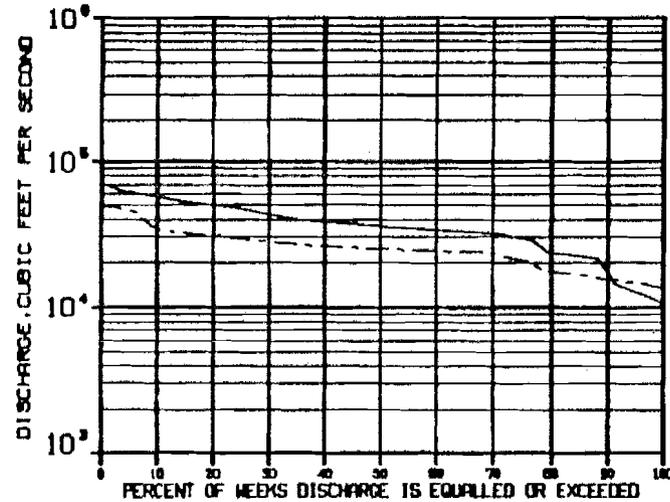
— NATURAL  
 - - - WITH-PROJECT,  
 CABE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EDASCO SUSITNA JOINT VENTURE JAN 66

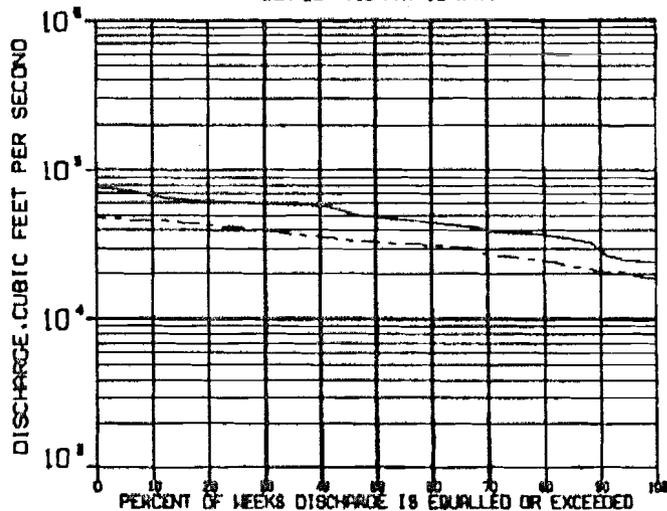
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE



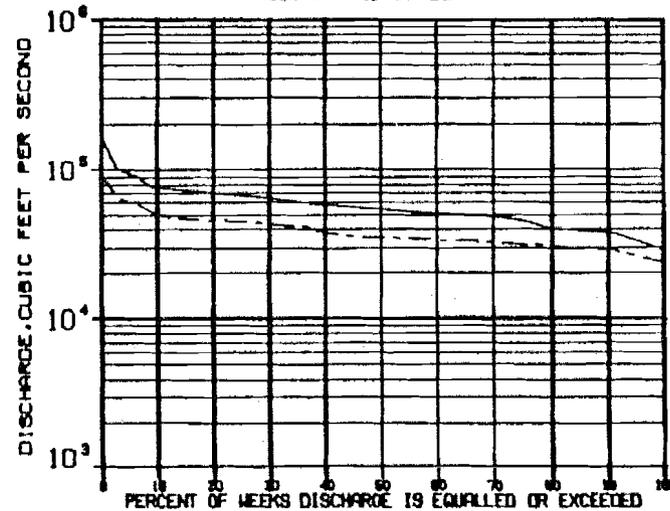
WEEK 33 (113 MAY - 19 MAY)



WEEK 34 (120 MAY - 26 MAY)



WEEK 35 (127 MAY - 2 JUN)



WEEK 36 (13 JUN - 9 JUN)

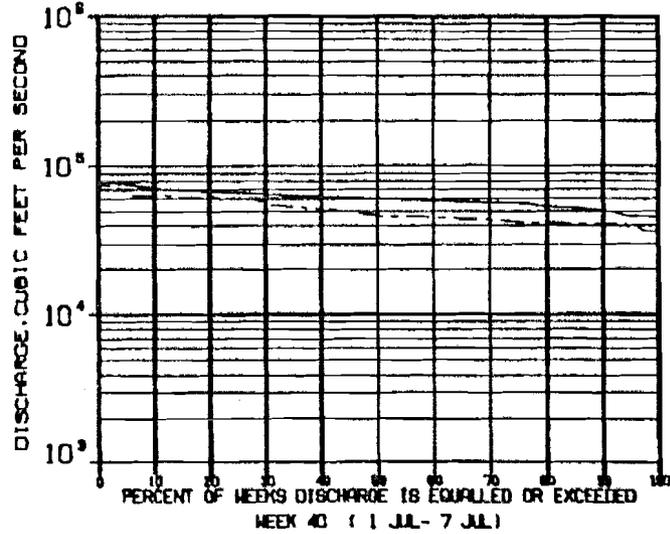
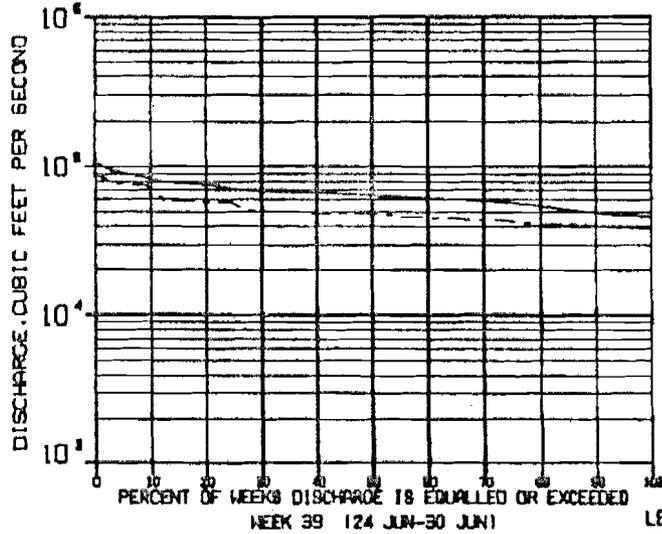
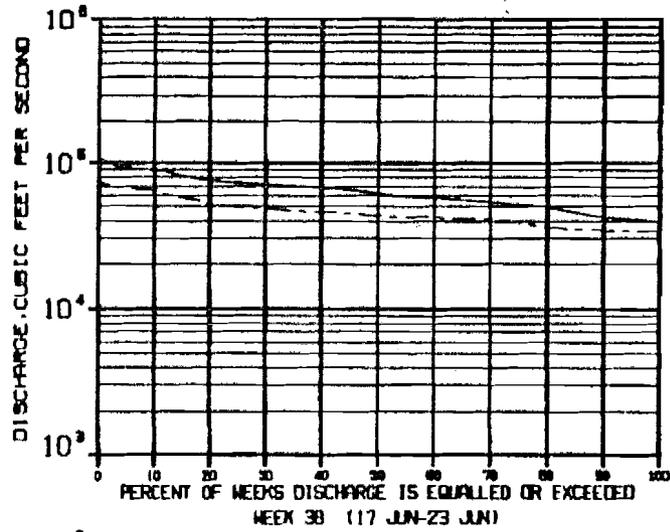
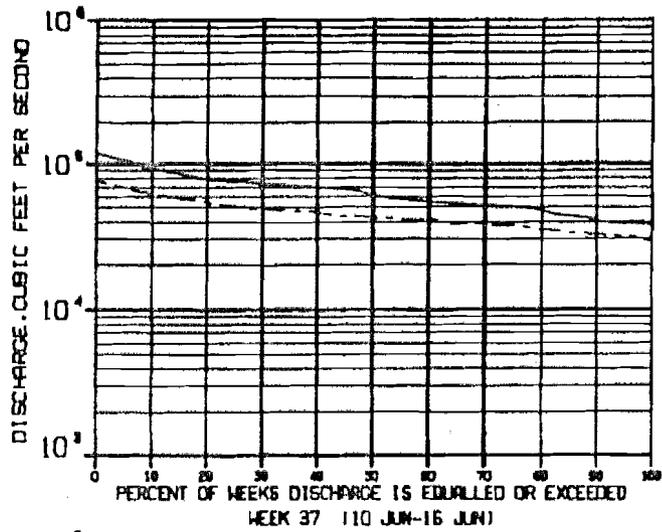
LEGEND

— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1951-1989

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE



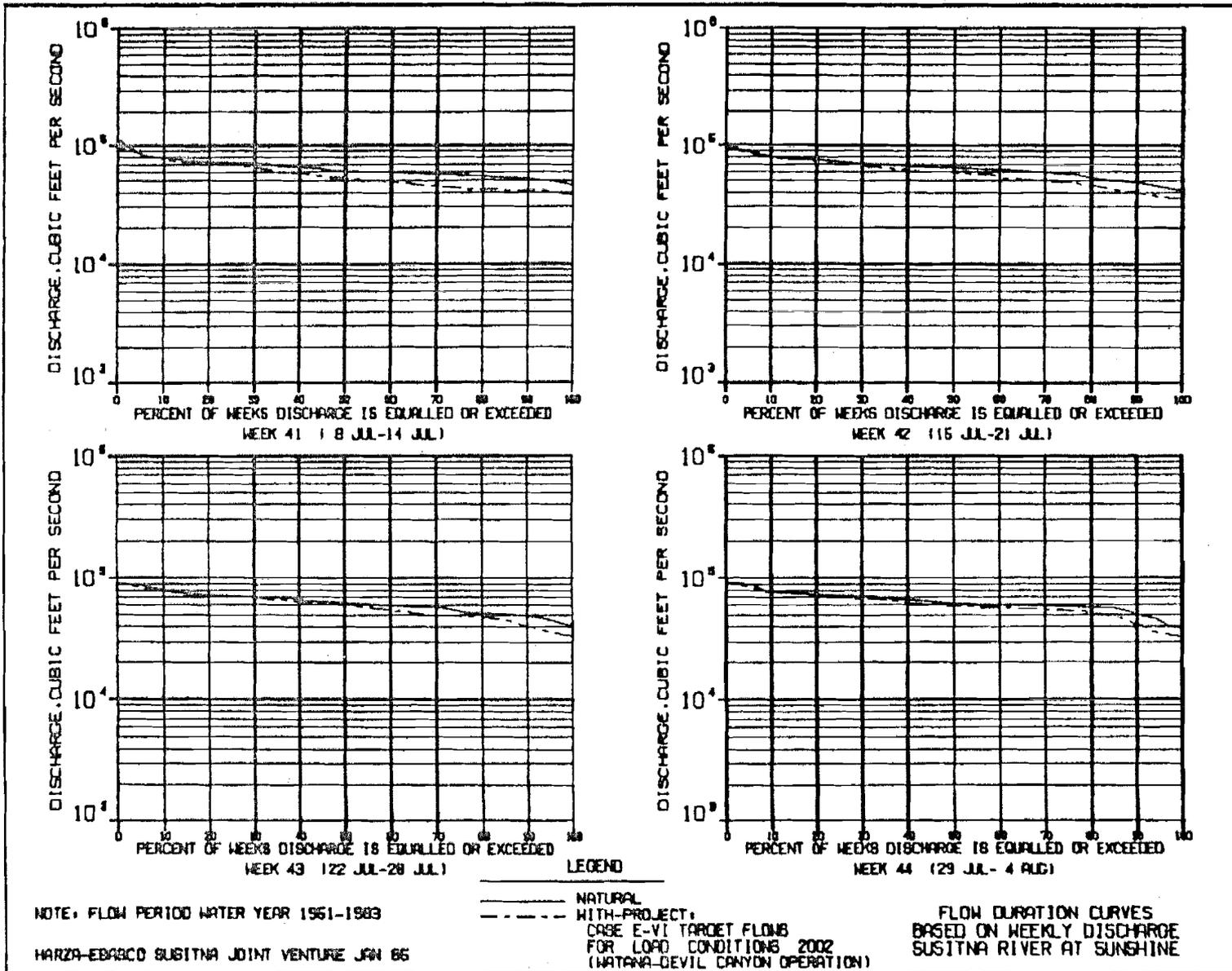
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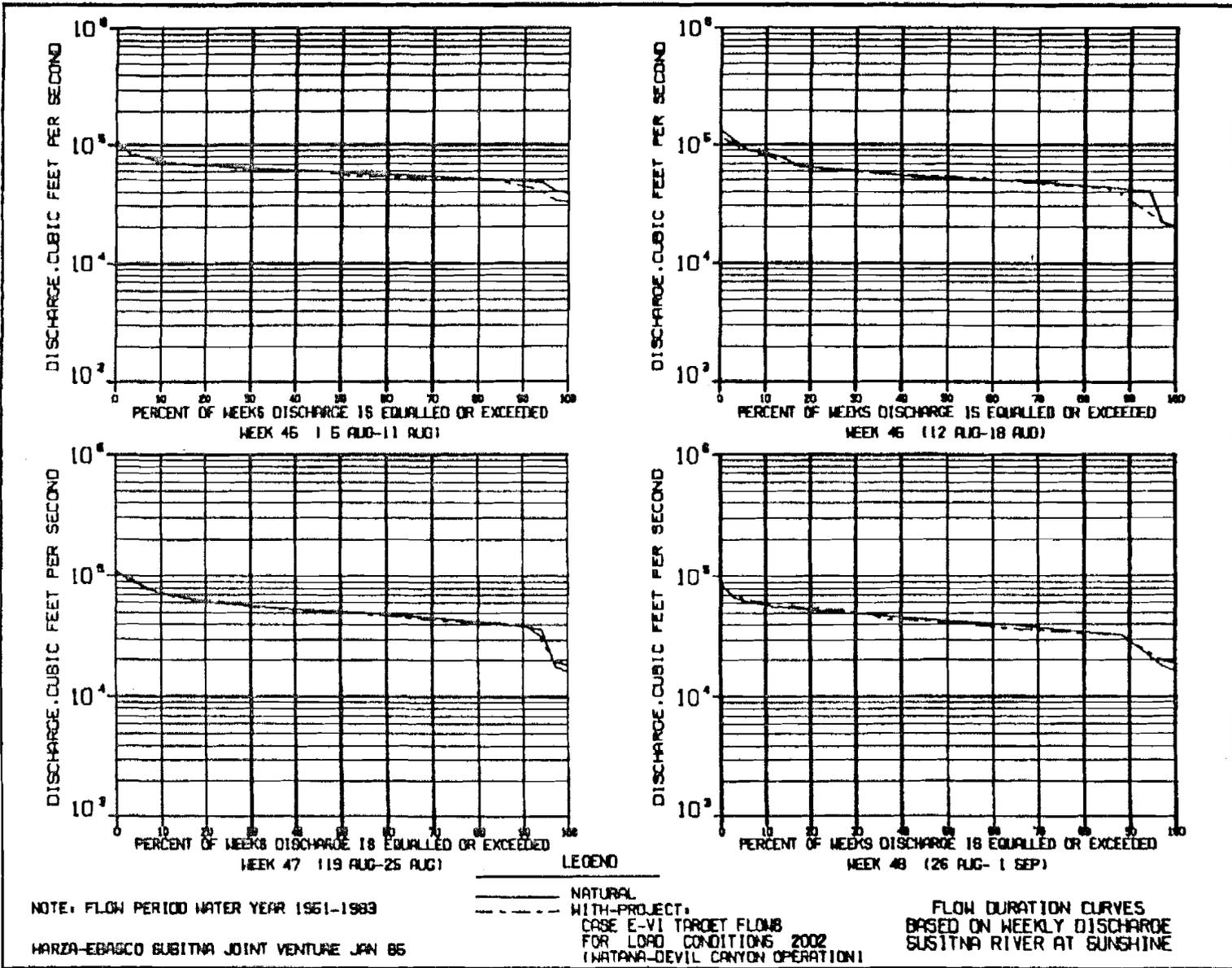
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 - - - - - WITH-PROJECT:  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (MATANA-DEVIL CANYON OPERATION)

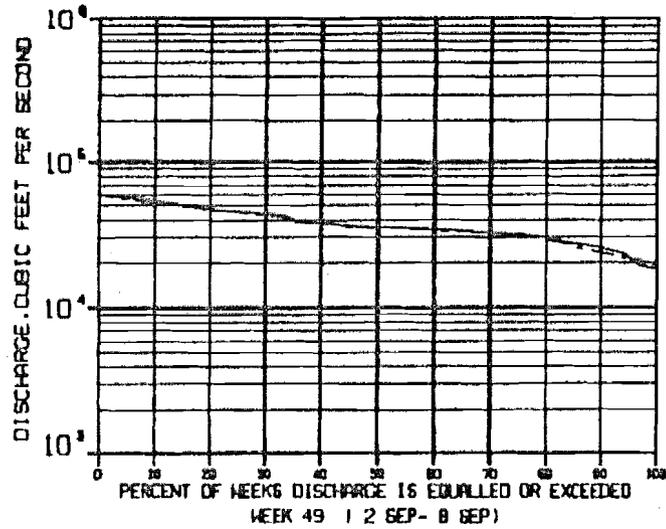
NOTE, FLOW PERIOD WATER YEAR 1951-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

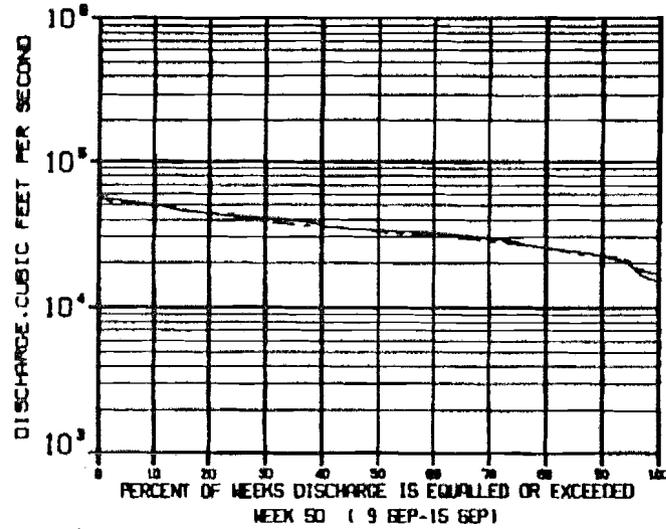
EXHIBIT S  
 SHEET 10 OF 13



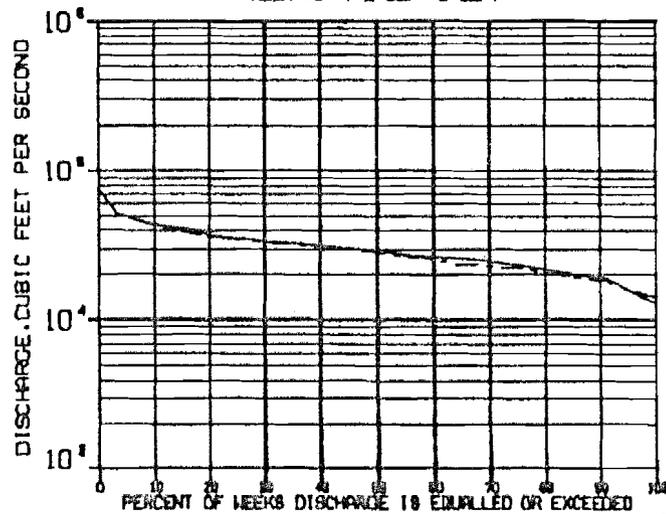




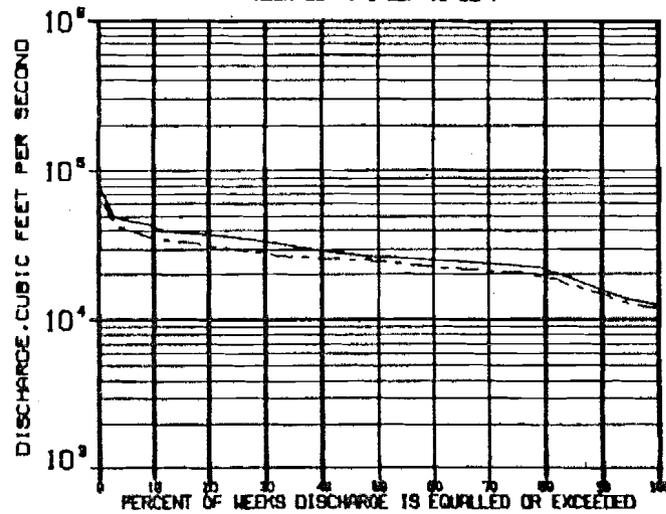
WEEK 49 ( 12 SEP - 8 SEP)



WEEK 50 ( 9 SEP - 15 SEP)



WEEK 51 ( 11 SEP - 22 SEP)



WEEK 52 ( 23 SEP - 30 SEP)

LEGEND

——— NATURAL  
 - - - WITH PROJECT,  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

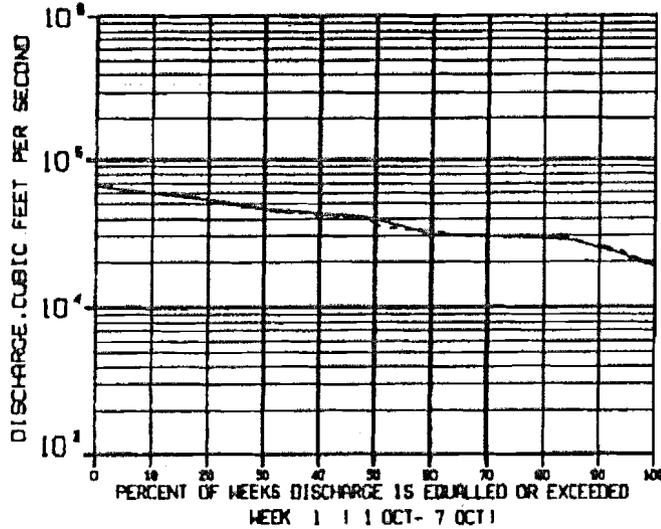
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

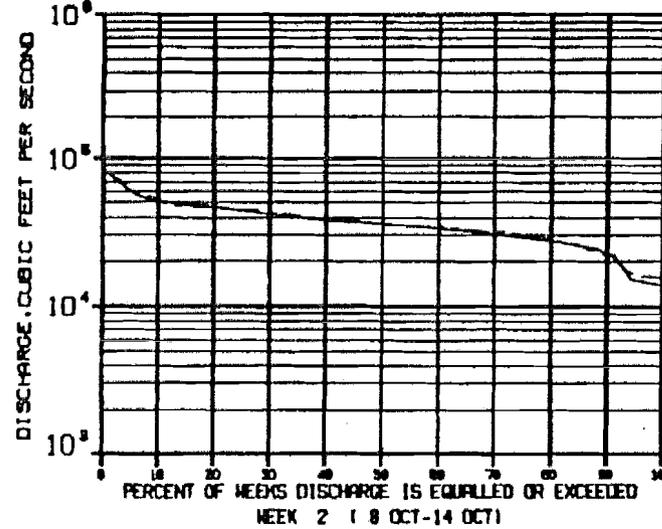
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

EXHIBIT S  
 SHEET 19 OF 19

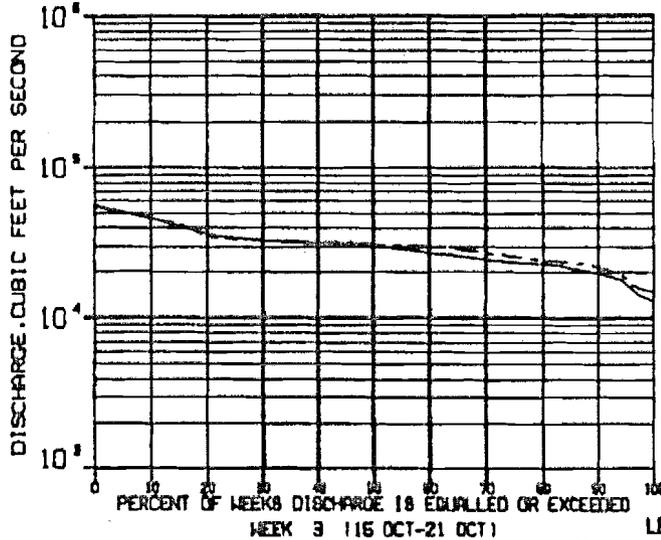
**EXHIBIT 6**



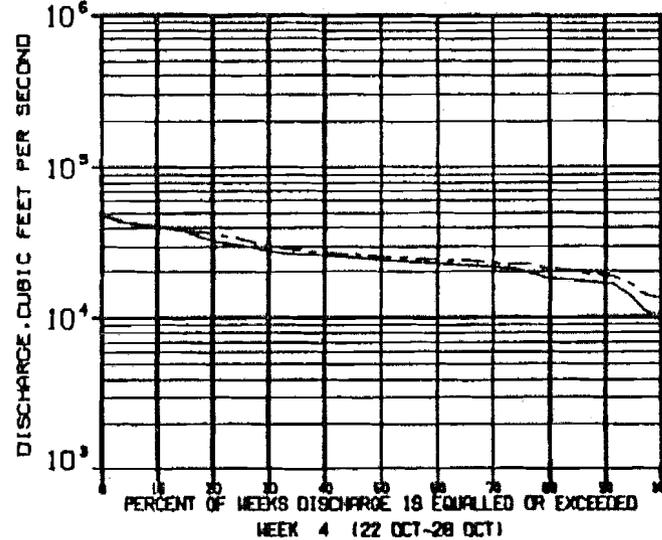
WEEK 1 (1 OCT- 7 OCT)



WEEK 2 (8 OCT-14 OCT)



WEEK 3 (15 OCT-21 OCT)



WEEK 4 (22 OCT-28 OCT)

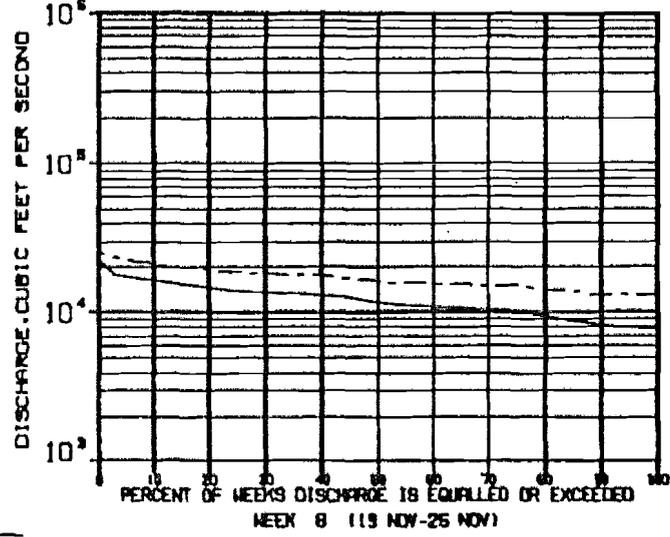
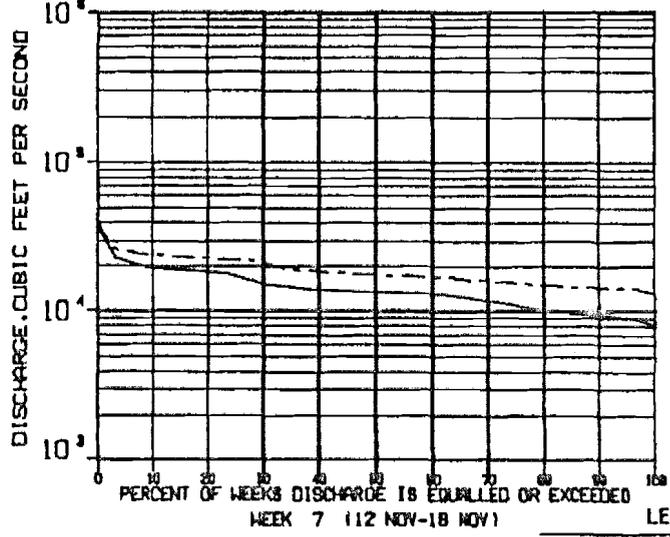
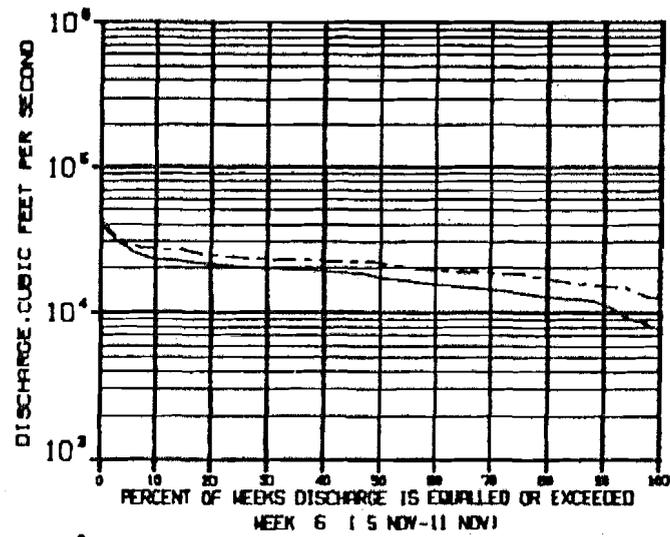
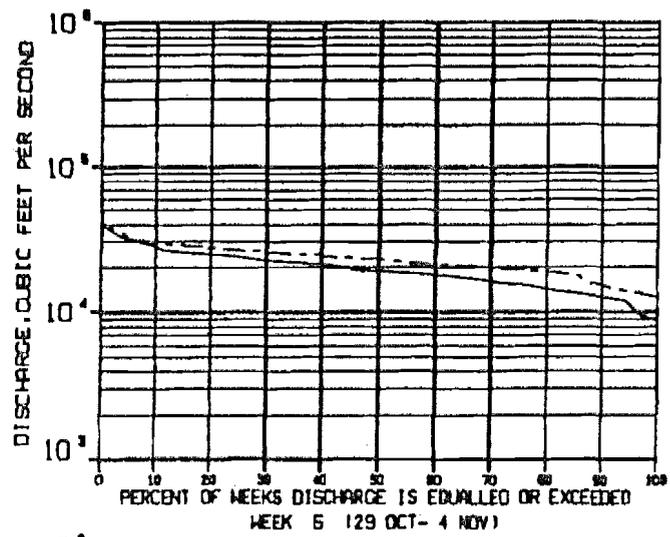
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1989

HARZA-EBASCO SUBITNA JOINT VENTURE JAN 86

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

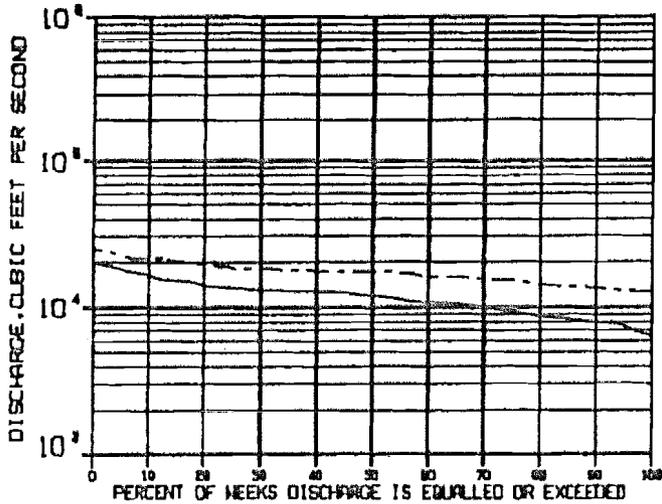


LEGEND  
 — NATURAL  
 - - - WITH-PROJECT

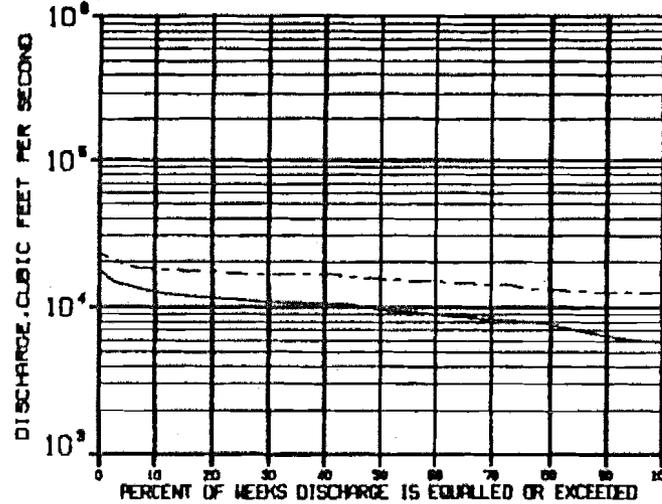
NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EGASCO SUSITNA JOINT VENTURE JAN '86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 FOR LOAD CONDITIONS 2002  
 SUSITNA RIVER AT SUSITNA STATION  
 (NATANA-DEVIL CANYON OPERATION)

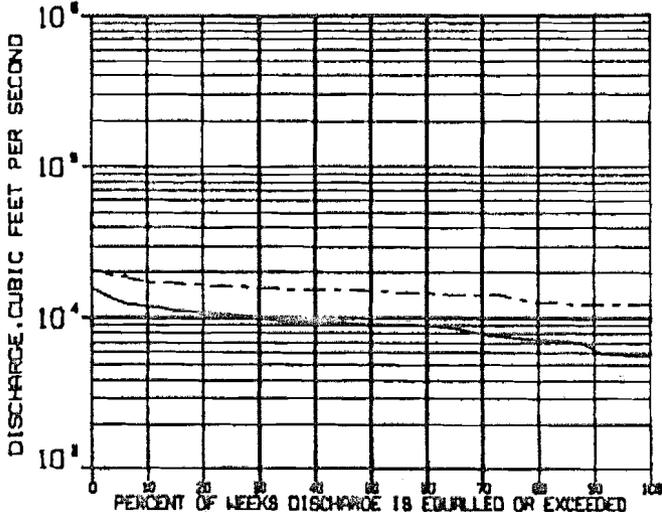
EXHIBIT 6  
 SHEET 2 OF 19



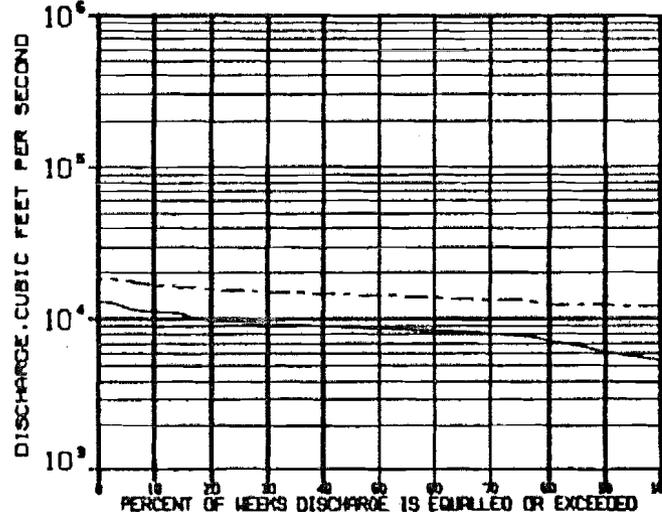
WEEK 9 126 NOV - 2 DEC



WEEK 10 13 DEC - 9 DEC



WEEK 11 110 DEC - 16 DEC



WEEK 12 17 DEC - 23 DEC

LEGEND

———— NATURAL  
 - - - - WITH-PROJECT

CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

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

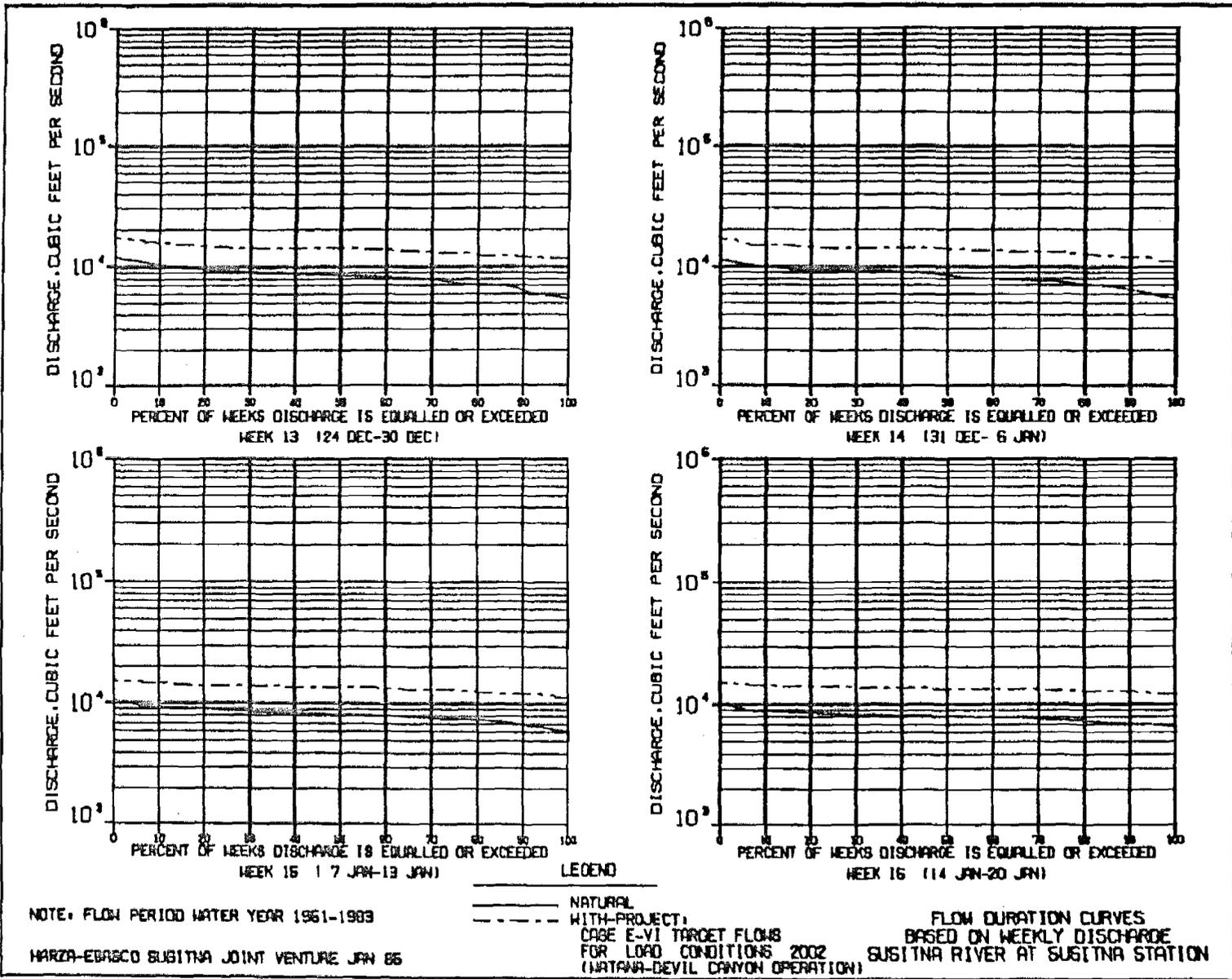
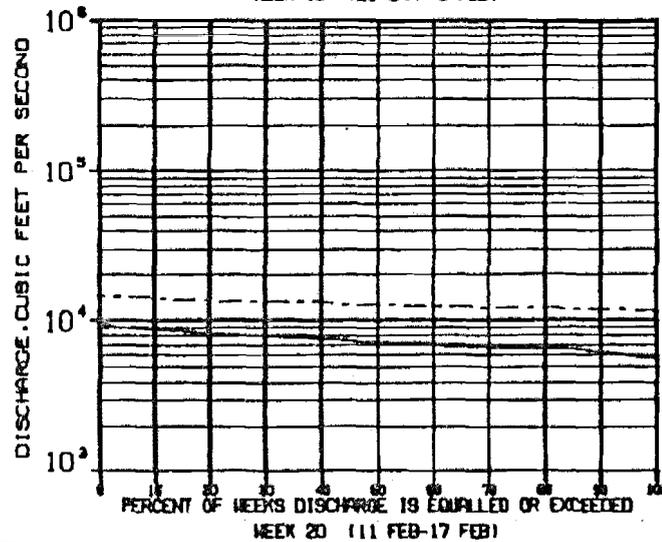
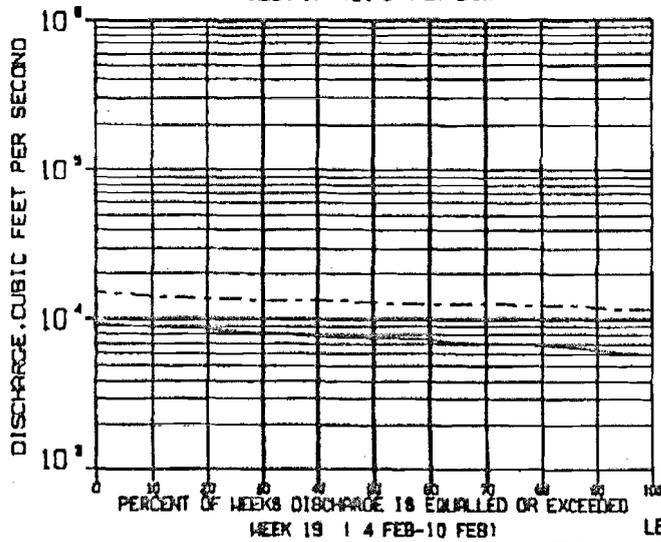
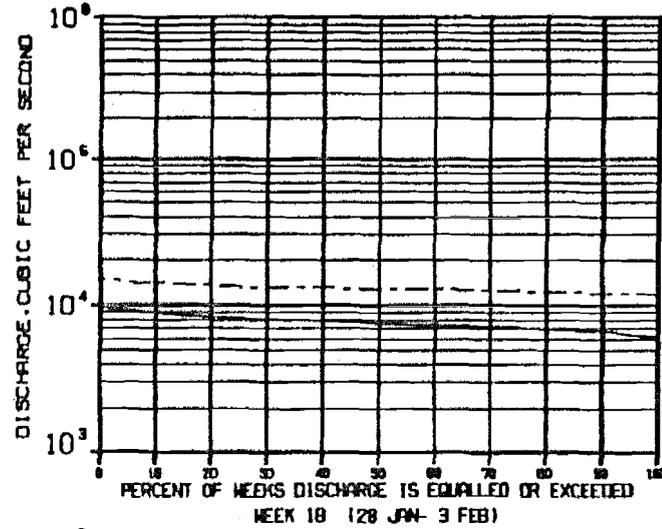
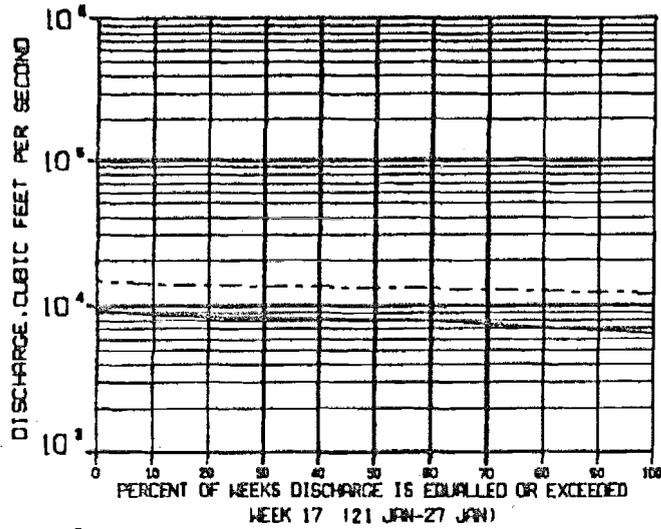


EXHIBIT 6  
 SHEET 4 OF 13



LEGEND

———— NATURAL  
 - - - - WITH-PROJECT

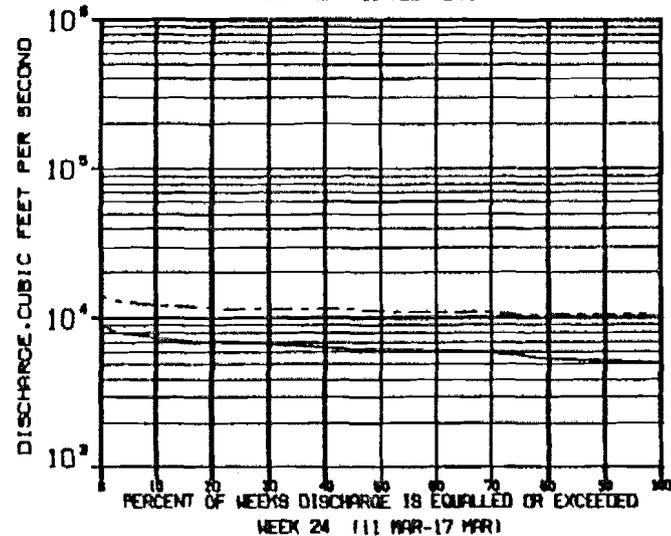
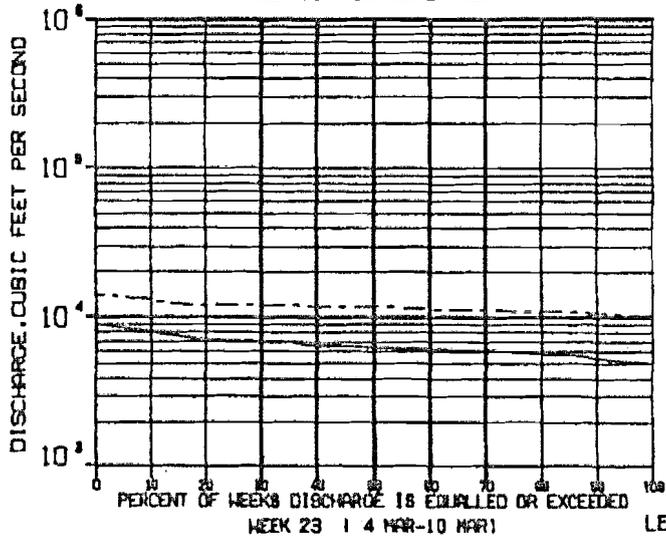
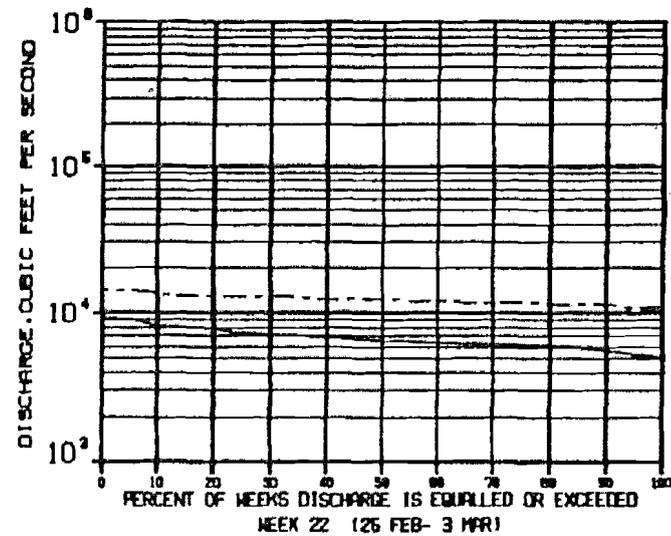
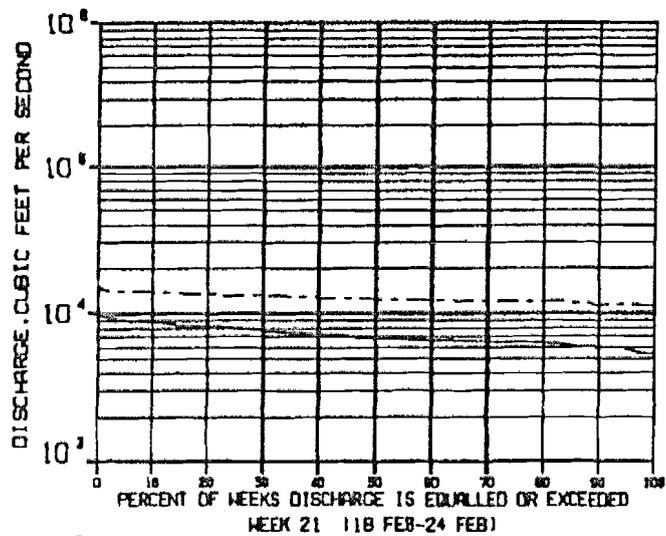
CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (HAYANA-DEVIL CANYON OPERATION)

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

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

EXHIBIT 5  
 SHEET 5 OF 13



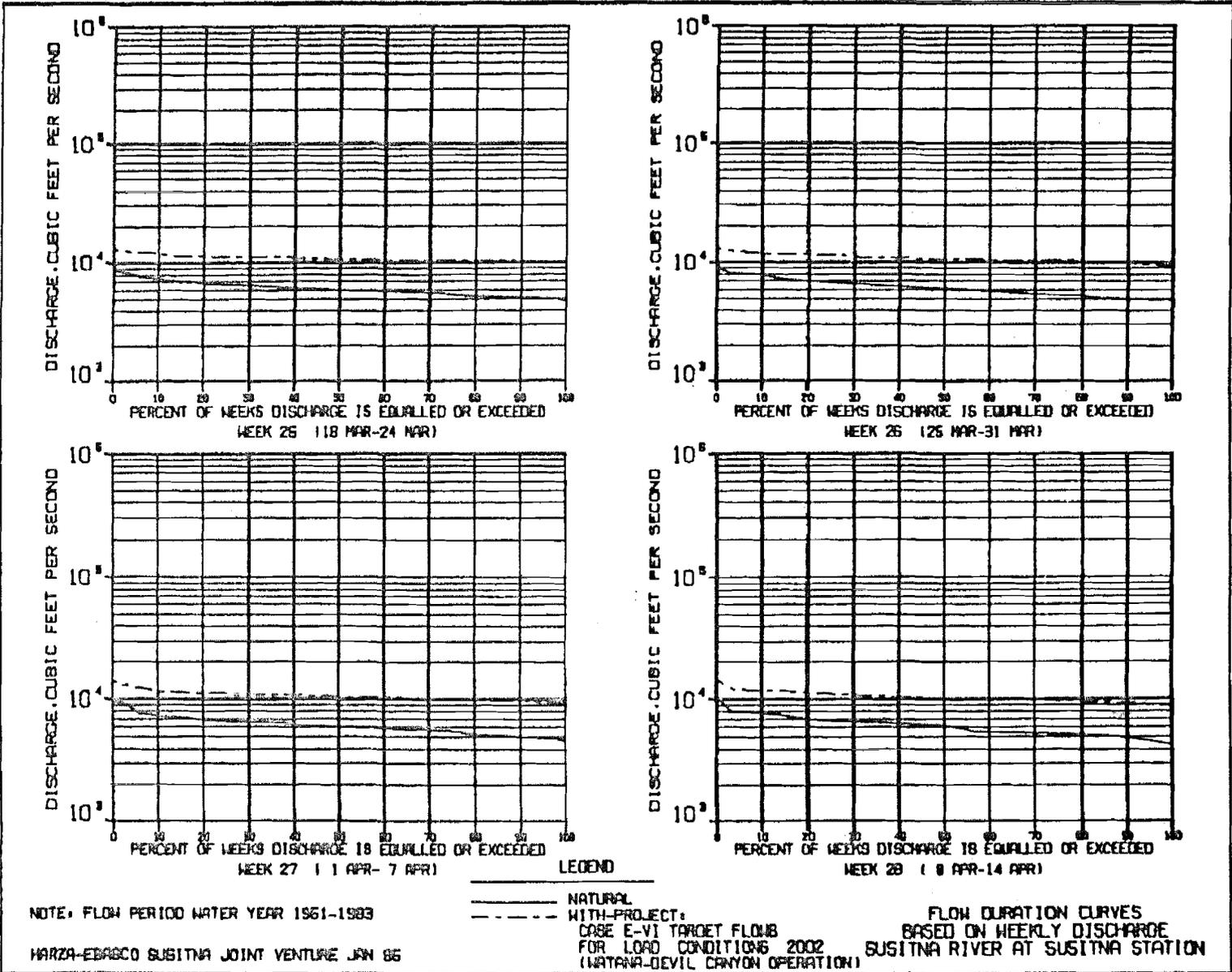
LEGEND

—— NATURAL  
 - - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963.

HARZA-EDASCO SUSITNA JOINT VENTURE JAN 66

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



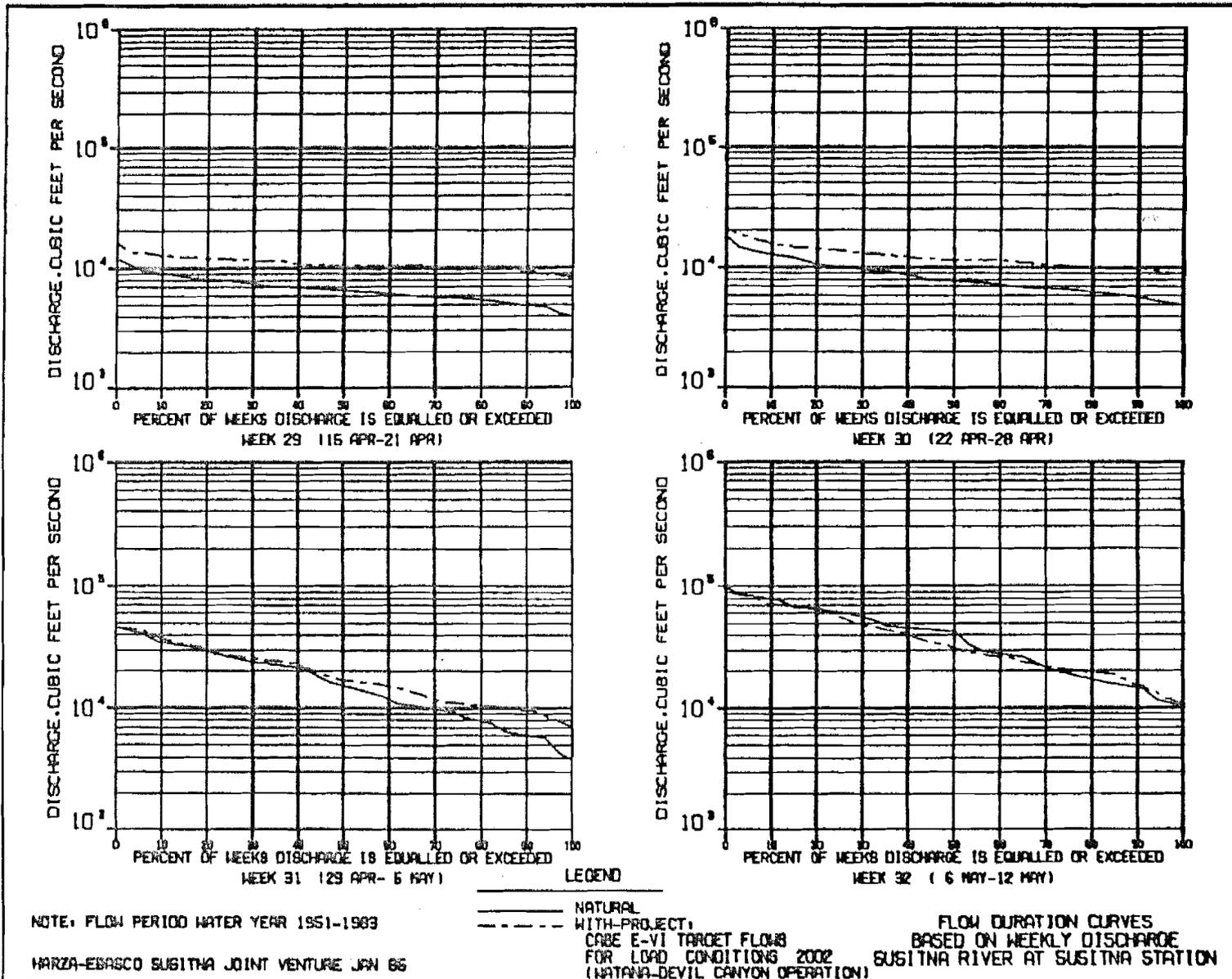
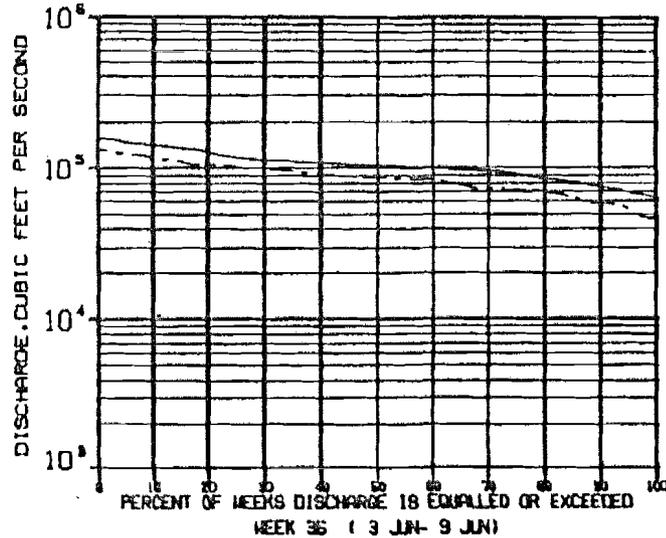
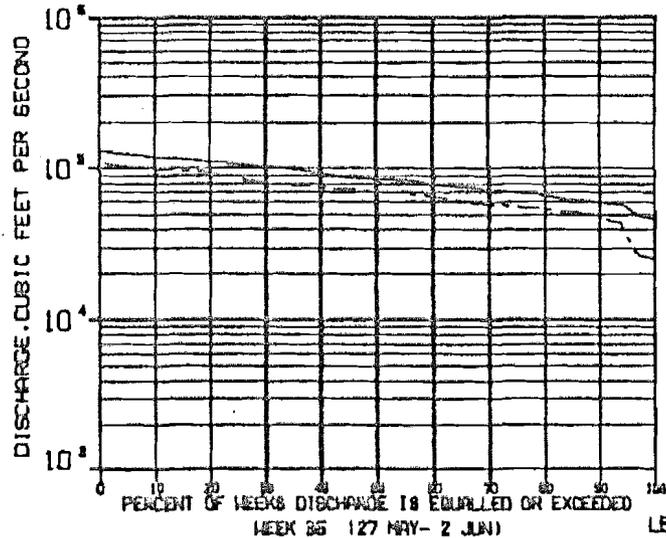
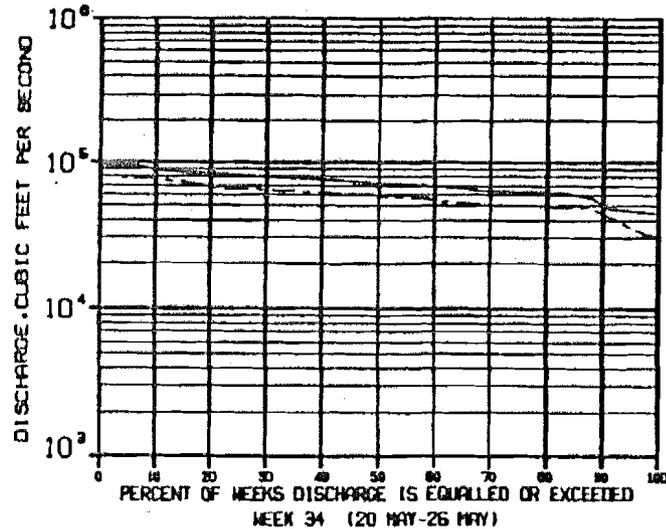
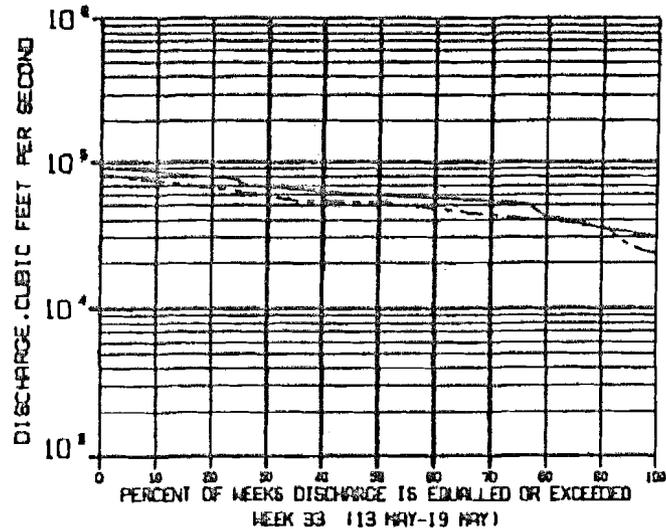


EXHIBIT 6  
SHEET 8 OF 13



NOTE: FLOW PERIOD WATER YEAR 1961-1989  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 06

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LRD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

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

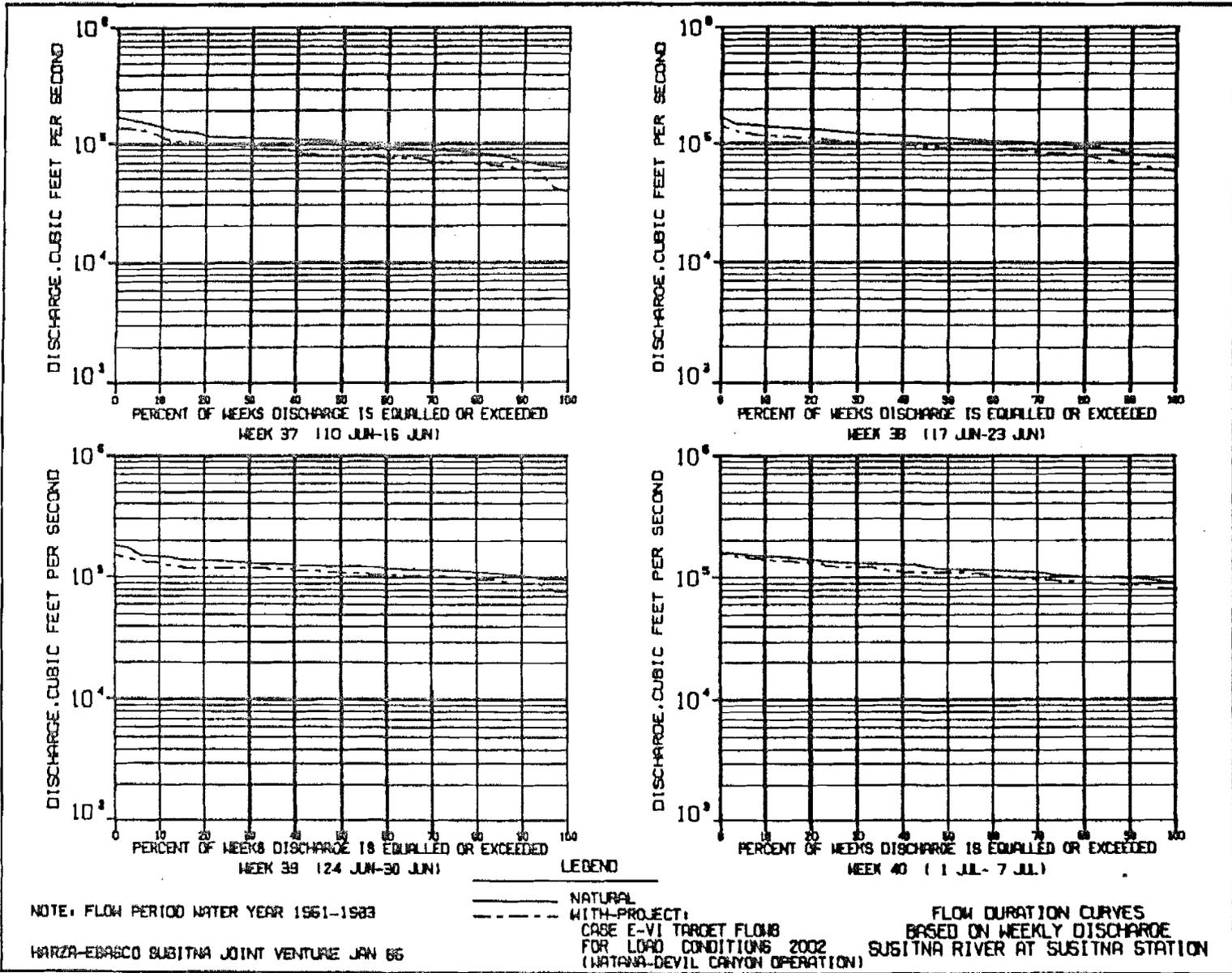
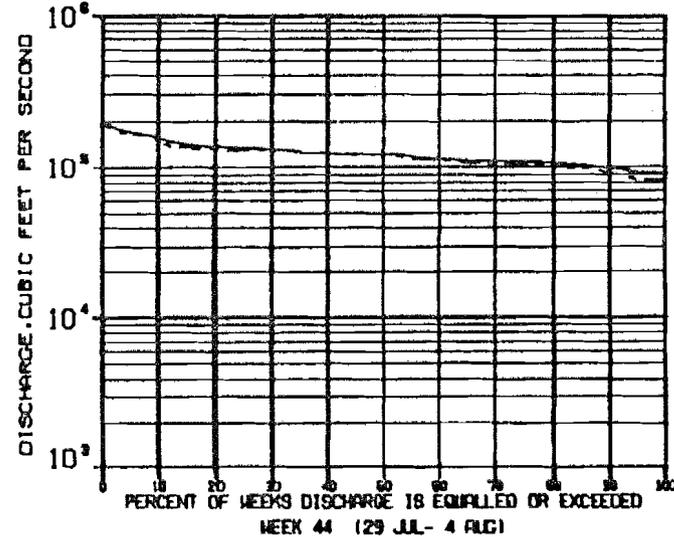
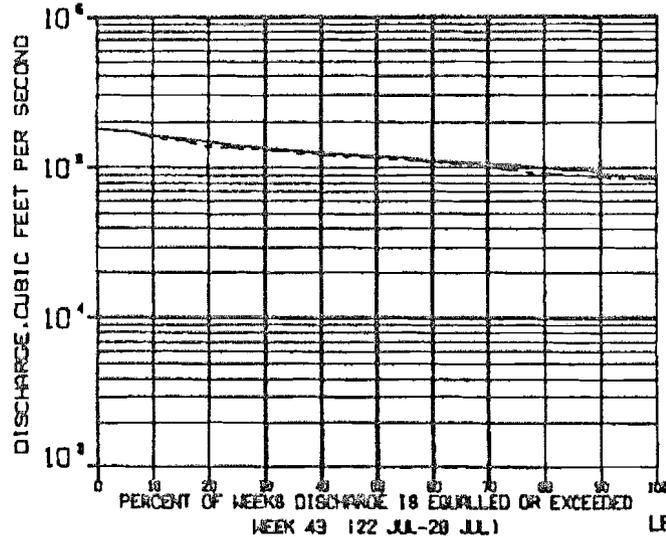
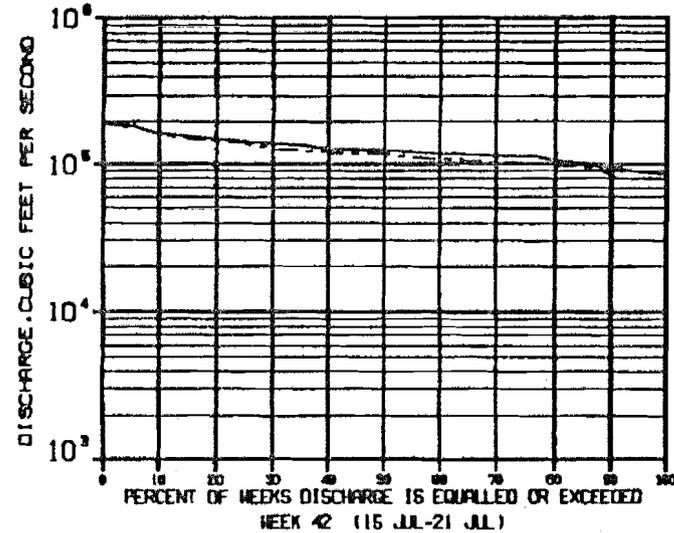
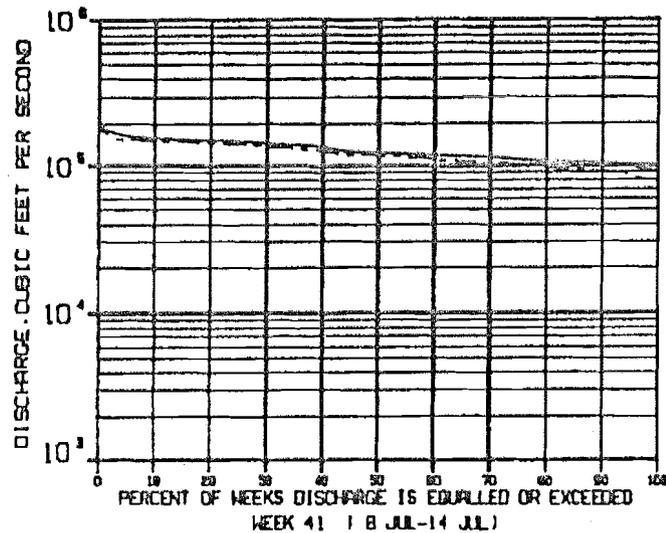


EXHIBIT 6  
SHEET 10 OF 13



LEGEND

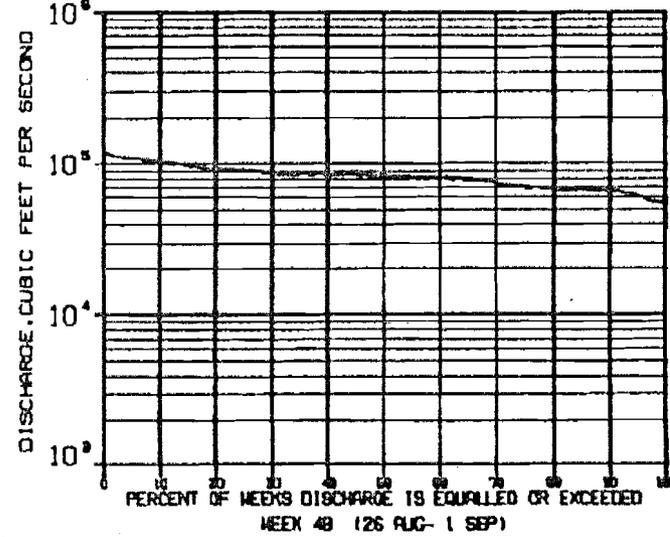
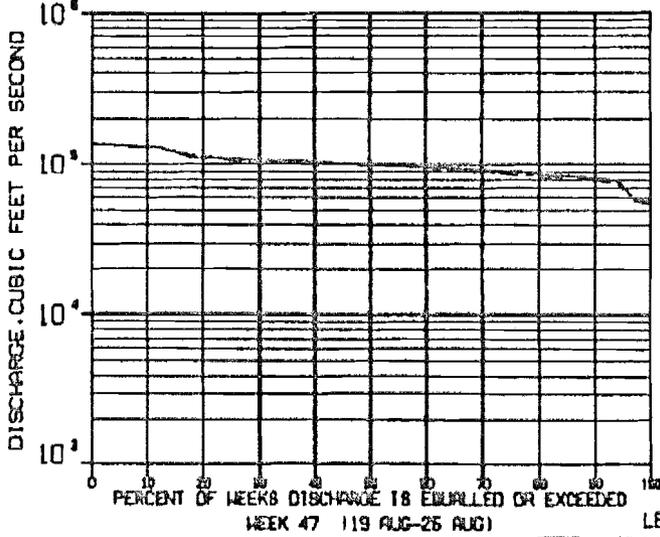
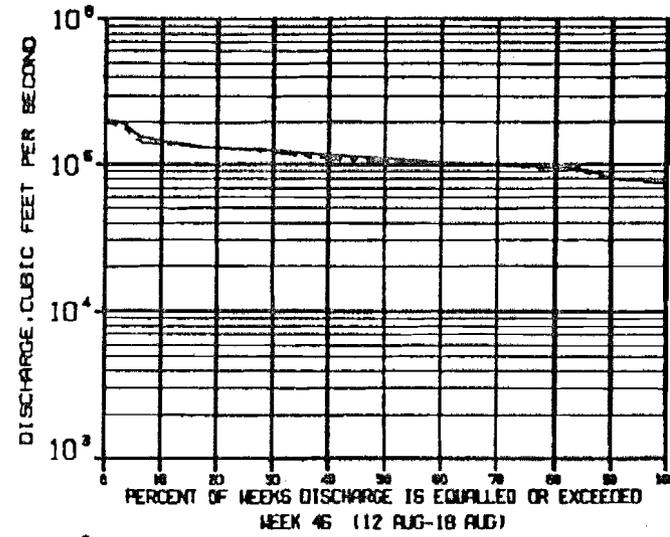
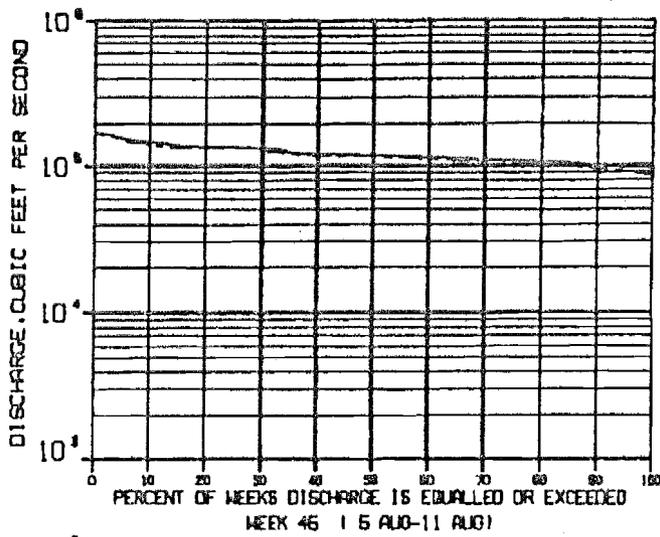
———— NATURAL  
 - - - - WITH PROJECT

NOTE: FLOW PERIOD WATER YEAR 1981-1989

KARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 (NATANA-DEVIL CANYON OPERATION)

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



LEGEND

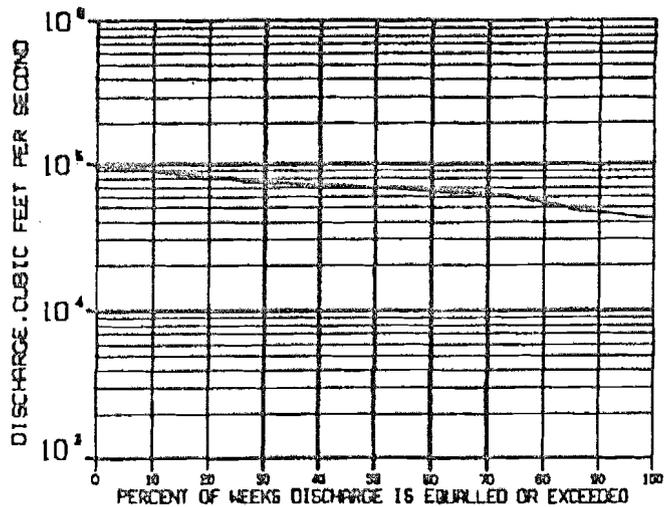
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 - - - - - WITH PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963

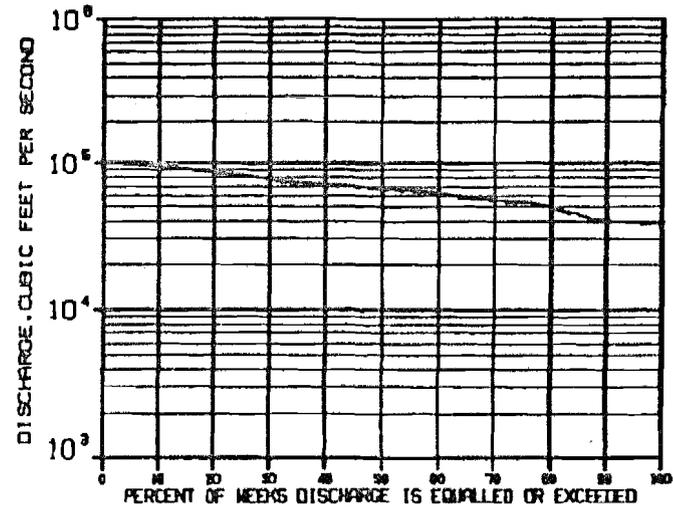
HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2002  
 SUSITNA RIVER AT SUSITNA STATION  
 (WATANA-DEVIL CANYON OPERATION)

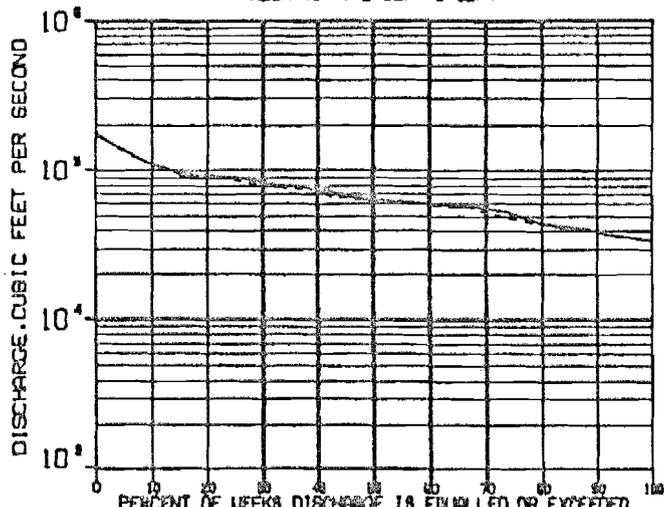
EXHIBIT 6  
 SHEET 12 OF 19



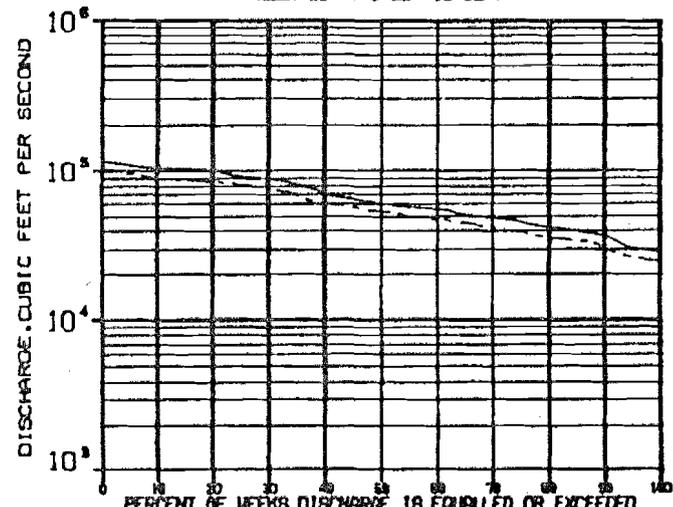
WEEK 49 ( 2 SEP- 8 SEP)



WEEK 50 ( 9 SEP-15 SEP)



WEEK 51 (16 SEP-22 SEP)



WEEK 52 (23 SEP-30 SEP)

LEGEND

———— NATURAL

----- WITH PROJECT

CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2002  
(NATARA-DEVIL CANYON OPERATION)

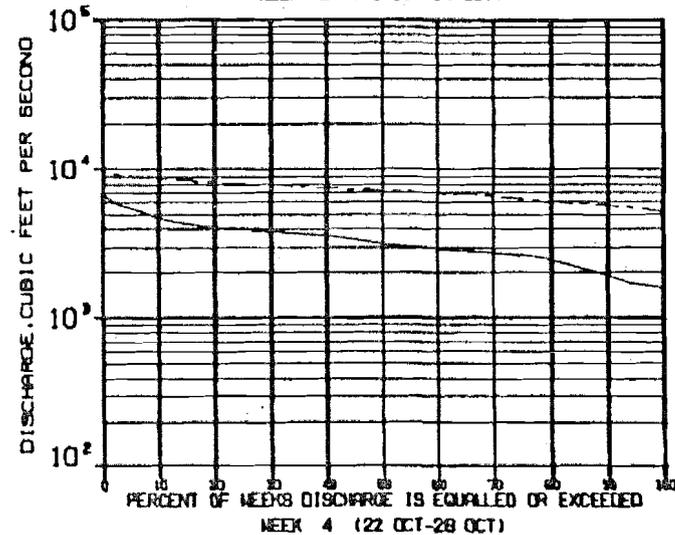
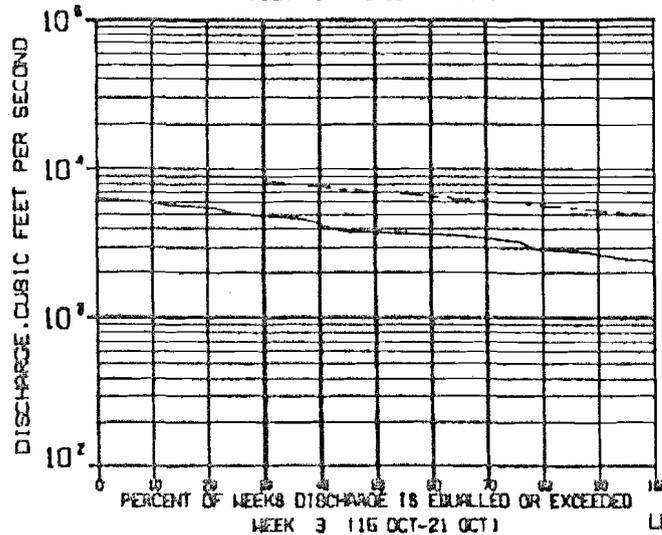
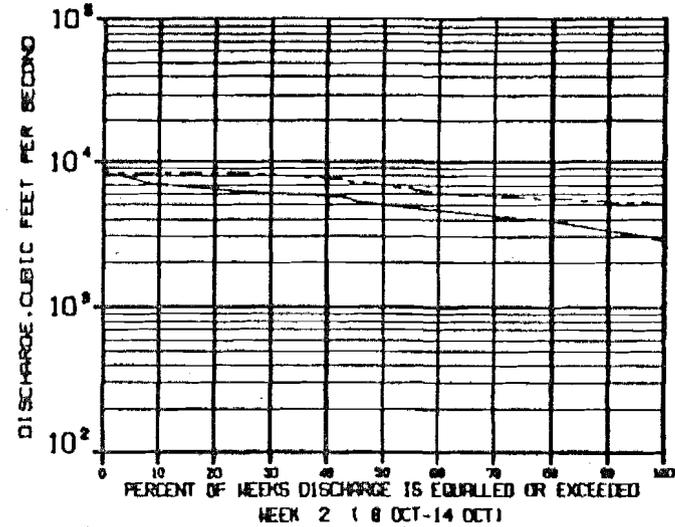
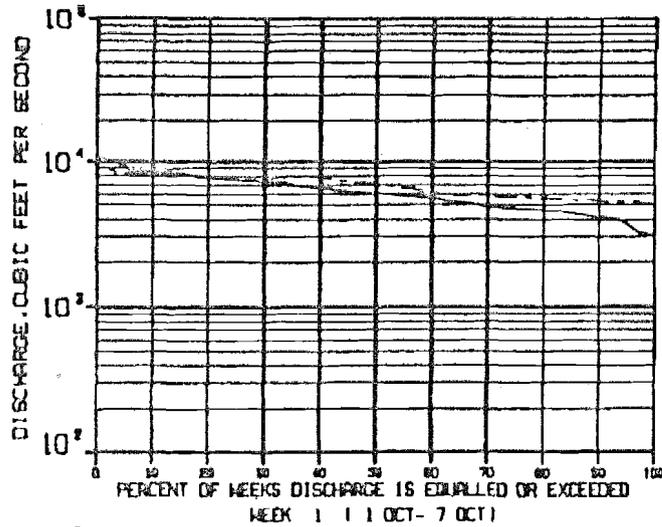
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 85

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

EXHIBIT 6  
SHEET 13 OF 13

**EXHIBIT 7**



NOTE: FLOW PERIOD WATER YEAR 1961-1963

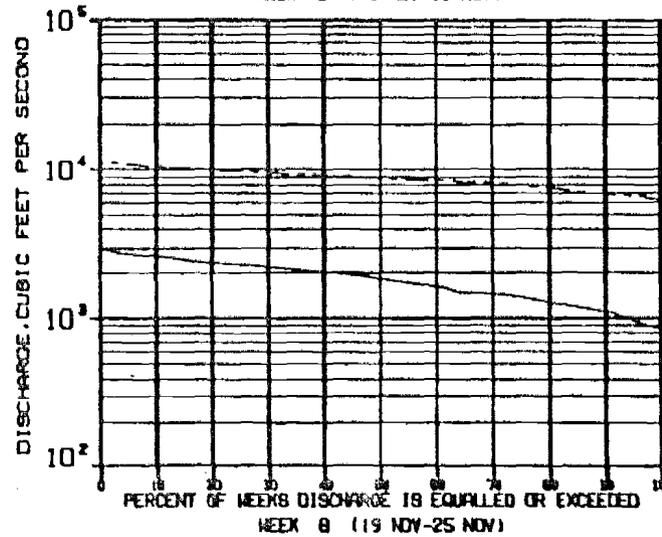
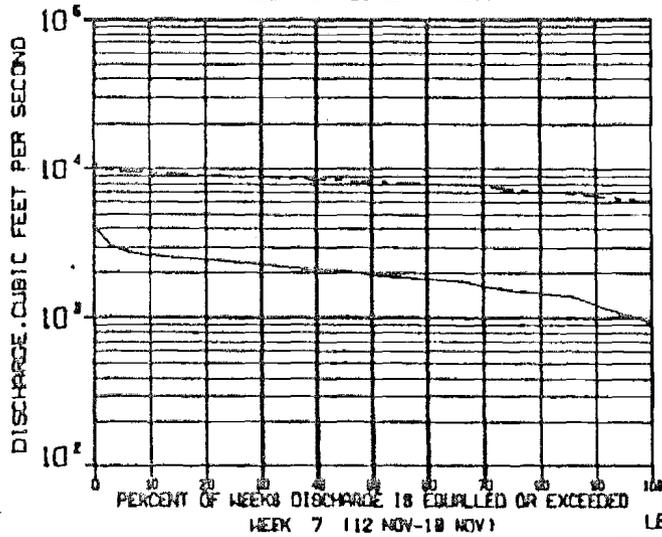
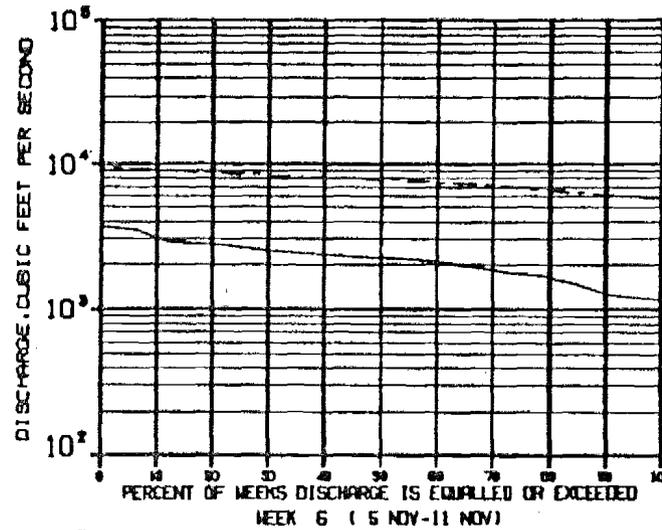
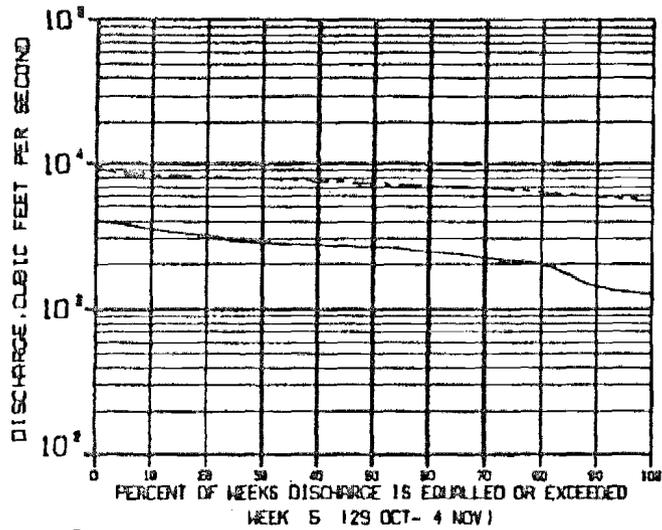
HARZA-EBASCO SUSITNA JOINT VENTURE JAN 65

LEGEND

———— NATURAL  
 - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 7  
 SHEET 1 OF 13

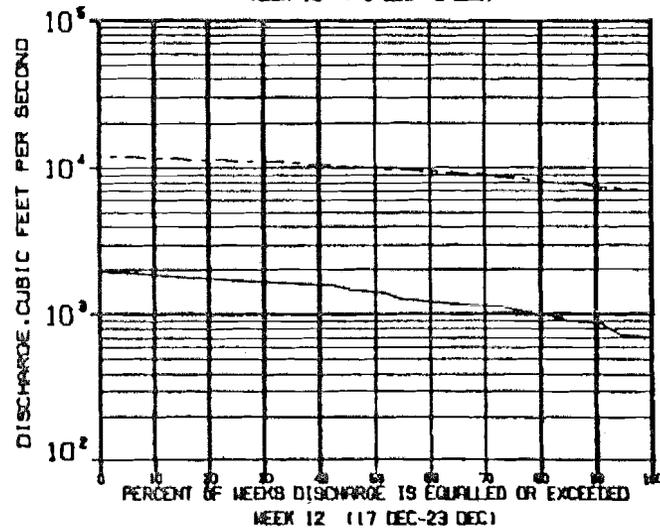
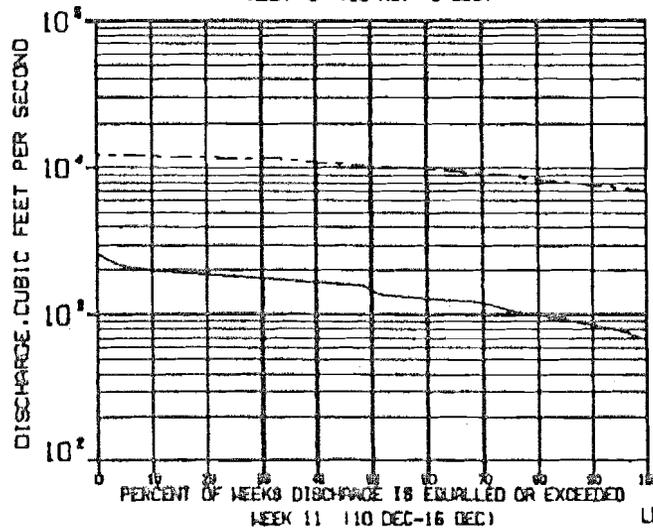
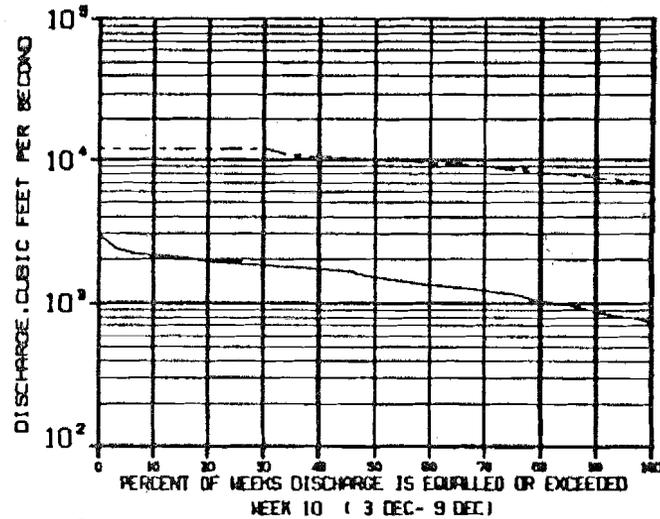
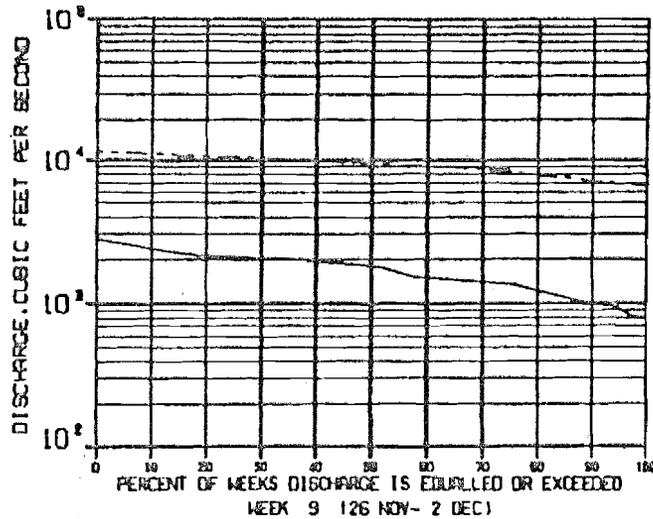


NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 65

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

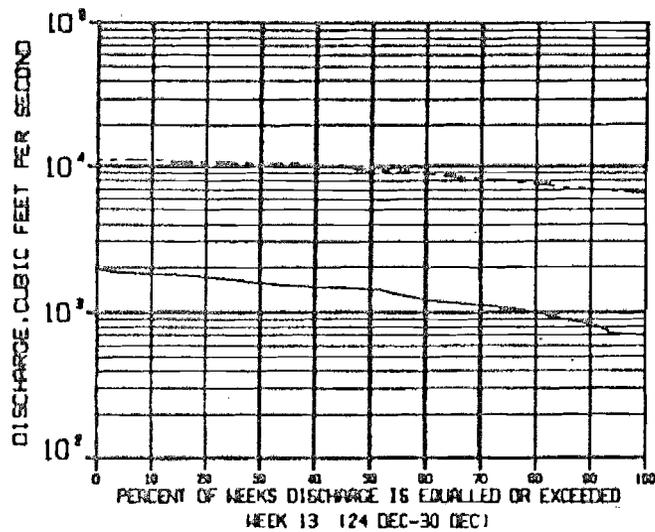


NOTE: FLOW PERIODO WATER YEAR 1961-1983  
 HARZA-EDASCO SUSITNA JOINT VENTURE JAN 86

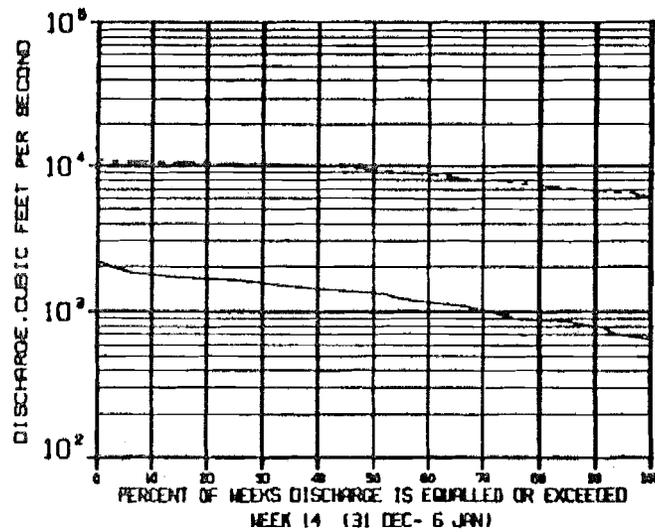
LEGEND  
 ——— NATURAL  
 - - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

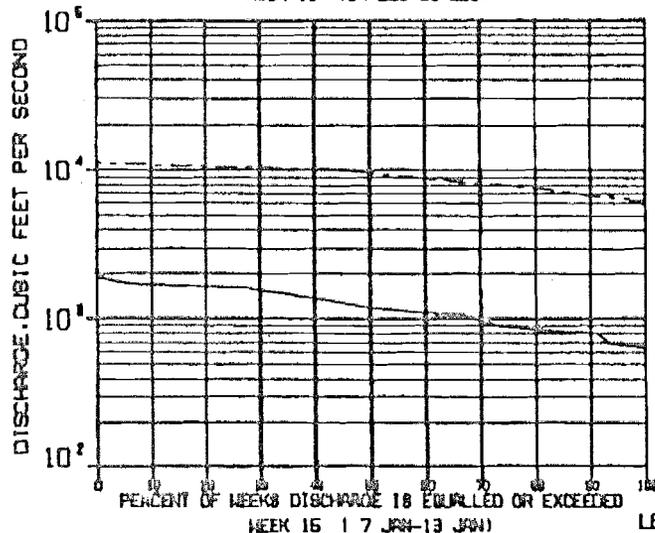
EXHIBIT 7  
 SHEET 9 OF 19



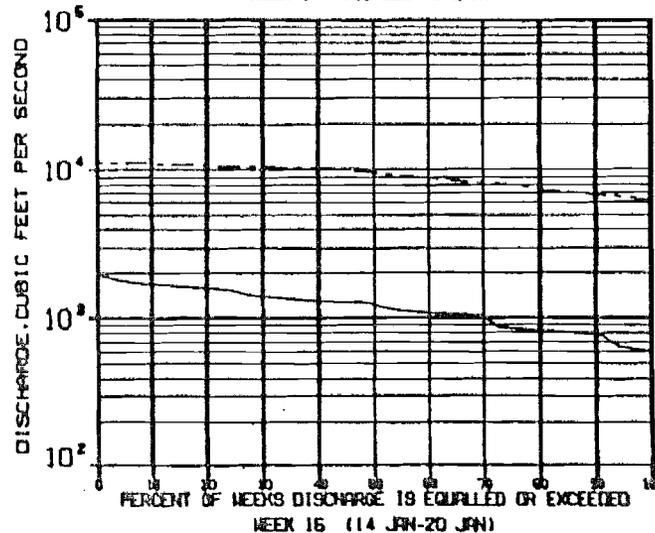
WEEK 13 (24 DEC-30 DEC)



WEEK 14 (31 DEC- 6 JAN)



WEEK 15 (17 JAN-13 JAN)



WEEK 16 (14 JAN-20 JAN)

LEGEND

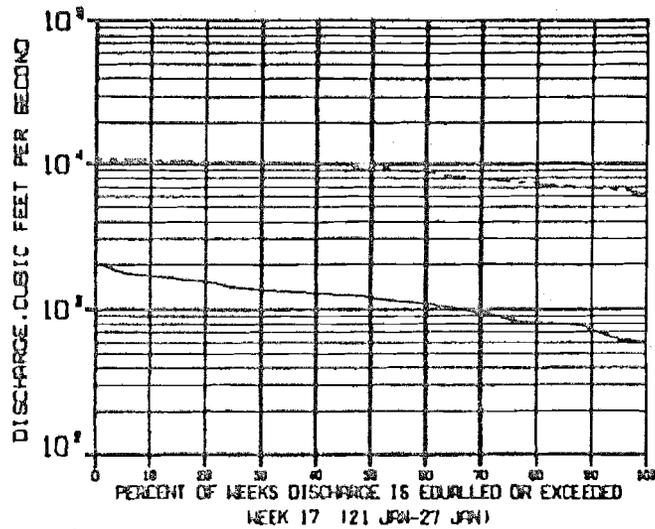
——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

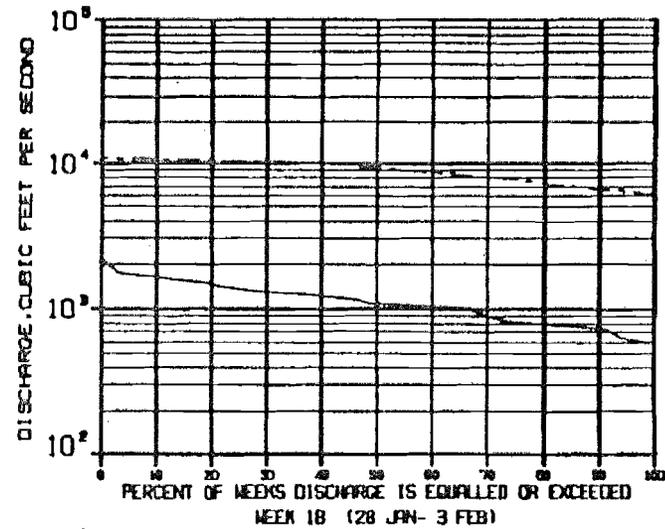
HARZA-EGASCO GUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 GUSITNA RIVER AT WATANA

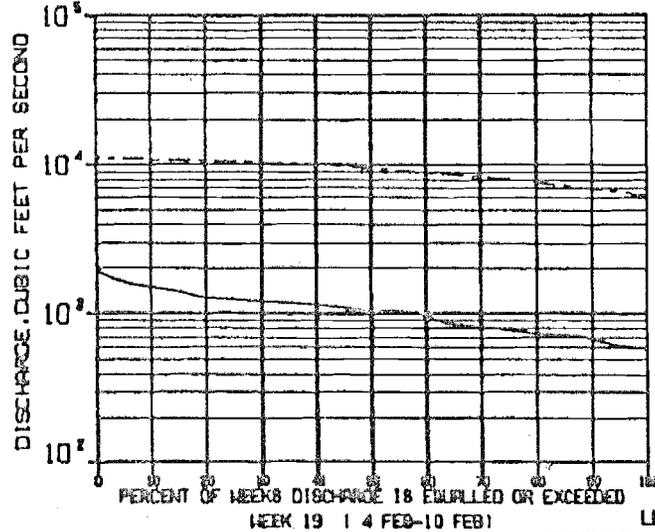
EXHIBIT 7  
SHEET 4 OF 13



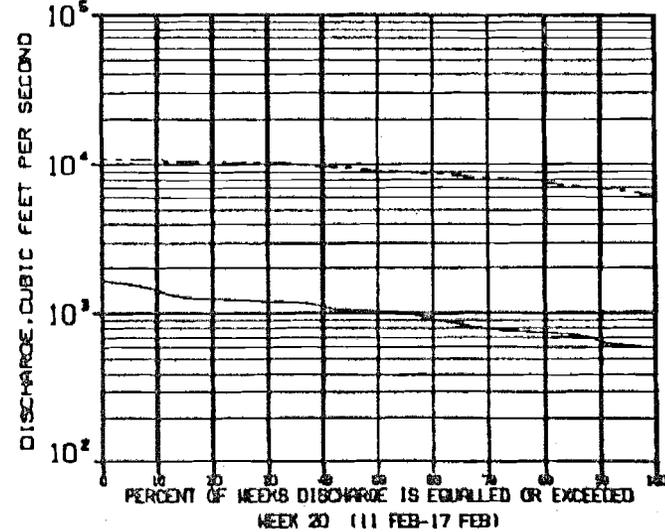
WEEK 17 (21 JAN-27 JAN)



WEEK 18 (28 JAN- 3 FEB)



WEEK 19 (1 4 FEB-10 FEB)



WEEK 20 (11 FEB-17 FEB)

LEGEND

———— NATURAL  
 - - - - WITH-PROJECT

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

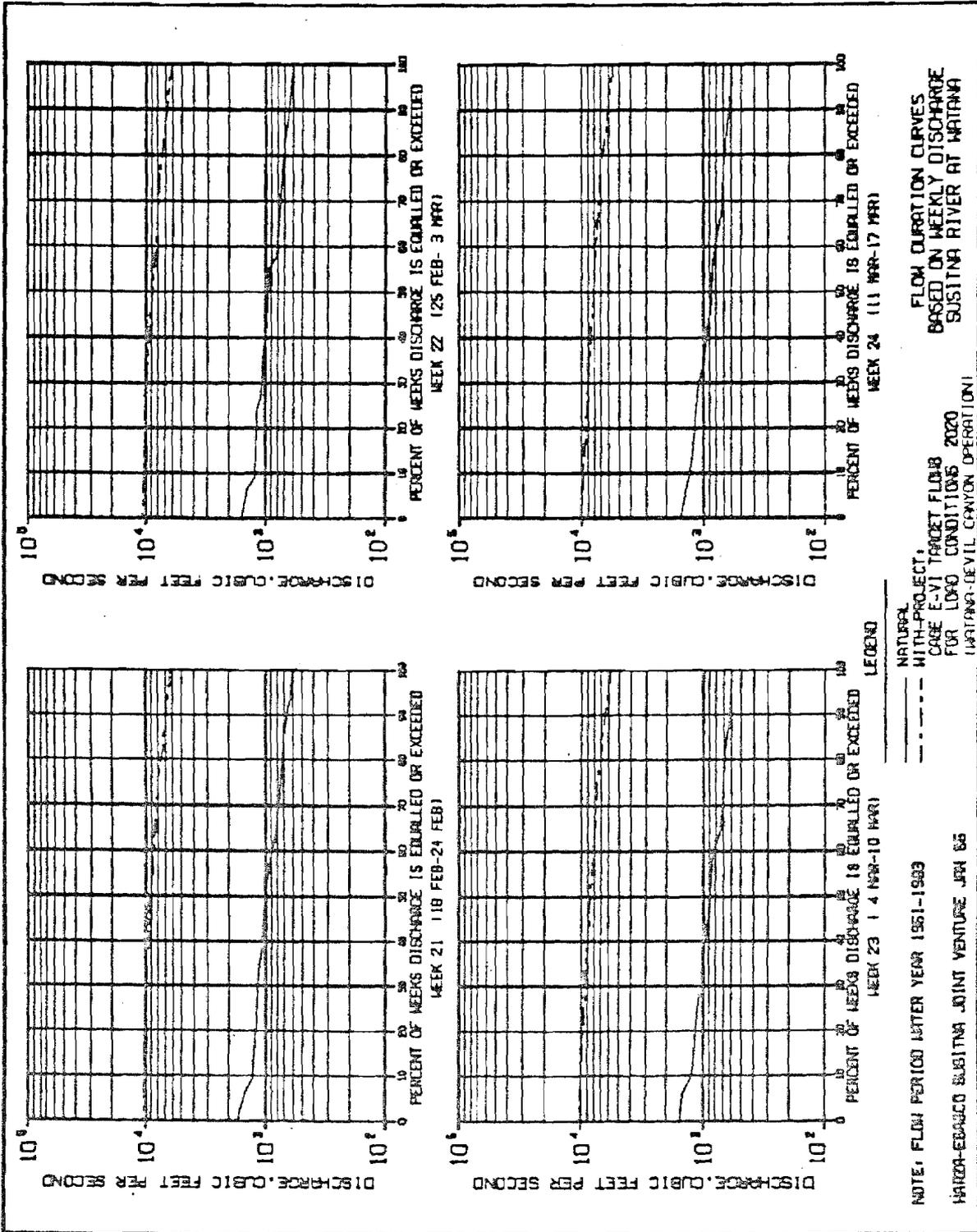
NOTE: FLOW PERIOD WATER YEAR 1951-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 7  
 SHEET 5 OF 13

EXHIBIT 7  
SHEET 6 OF 13



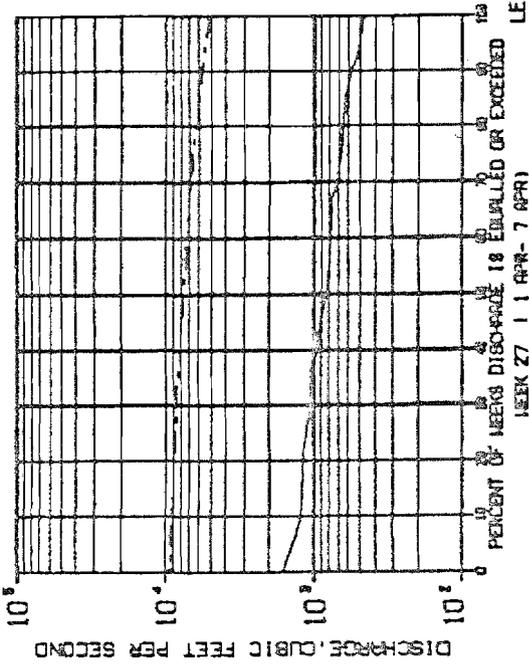
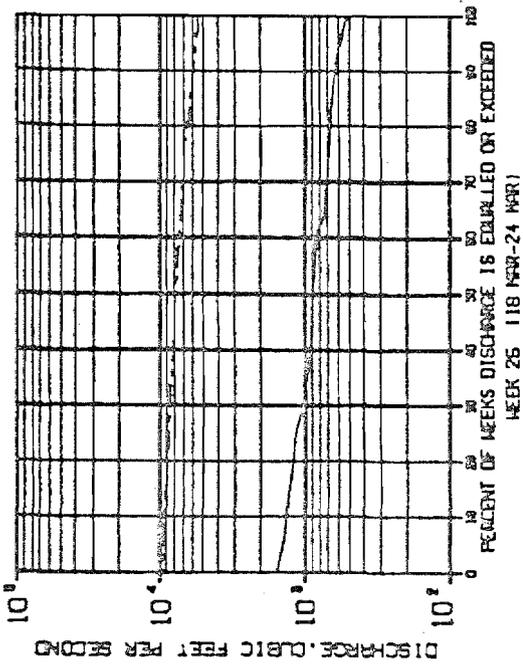
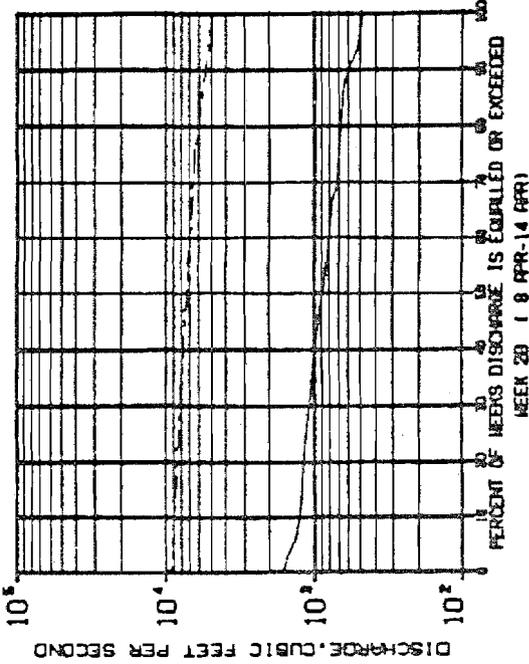
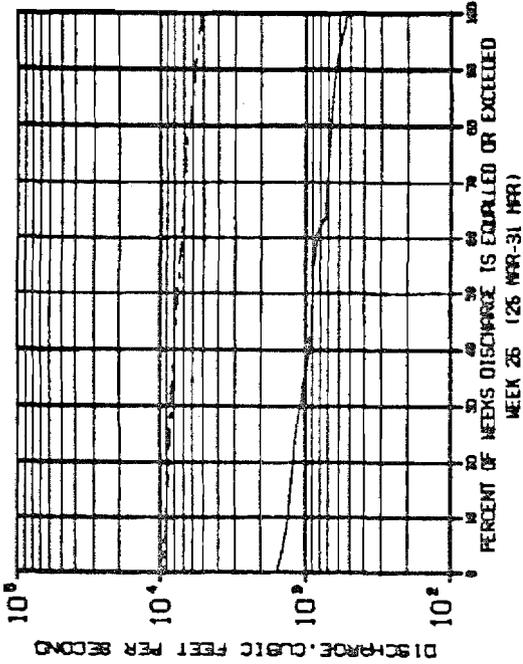
NOTE: FLOW PERIOD LATER YEAR 1951-1983  
HARPER-EBASCO SUSTINA JOINT VENTURE JUN 65

WITH PROJECT,  
CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(HARPER-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSTINA RIVER AT NATANA

EXHIBIT 7

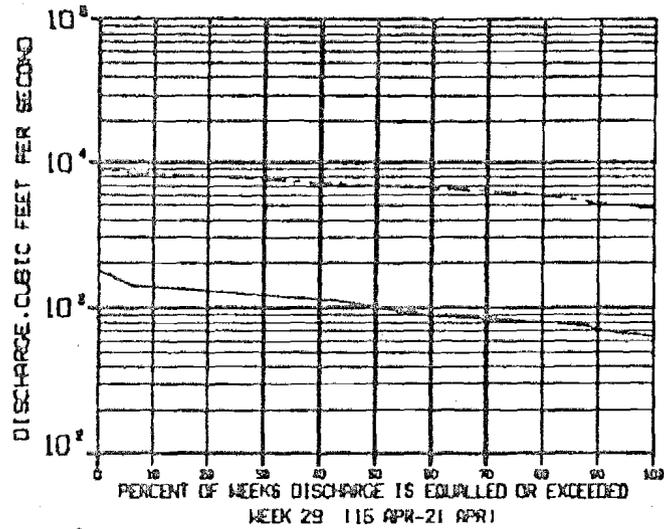
SHEET 7 OF 13



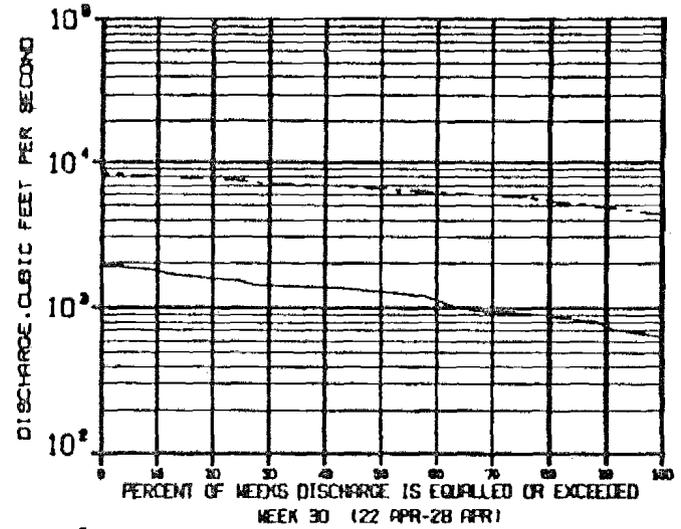
FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSTINA RIVER AT WATANA

NATURAL  
WITH-PROJECT,  
CASE E-VI TARGET FLOW  
FOR LOAD CONDITIONS 2020  
(WATANA-DEVIL CANYON OPERATION)

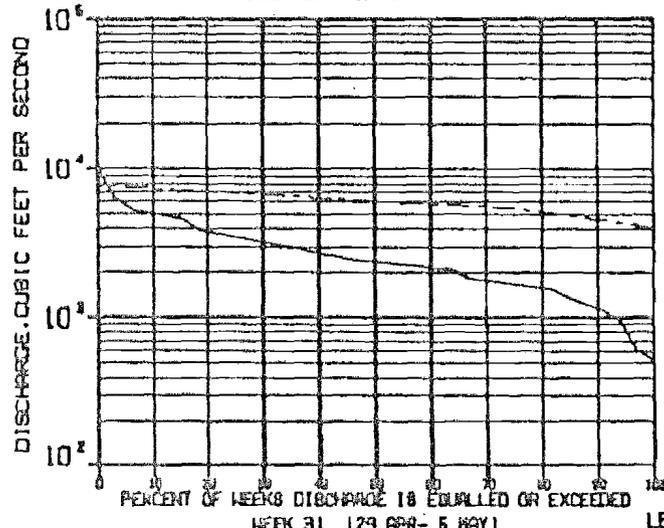
NOTE: FLOW PERIOD WATER YEAR 1951-1983  
HARZA-EBASCO SUSTINA JOINT VENTURE JAN 65



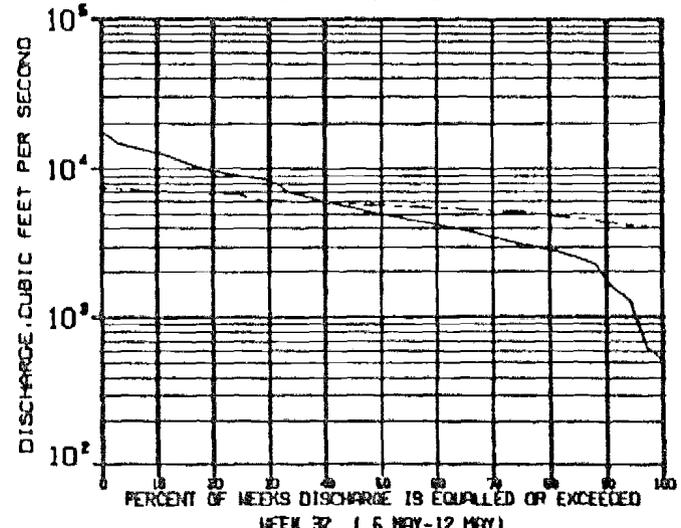
WEEK 29 (115 APR-21 APR)



WEEK 30 (122 APR-28 APR)



WEEK 31 (129 APR-5 MAY)



WEEK 32 (1-6 MAY-12 MAY)

LEGEND

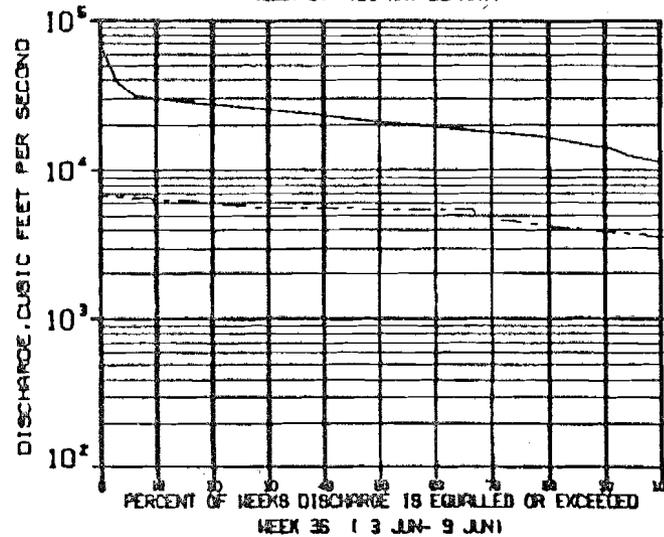
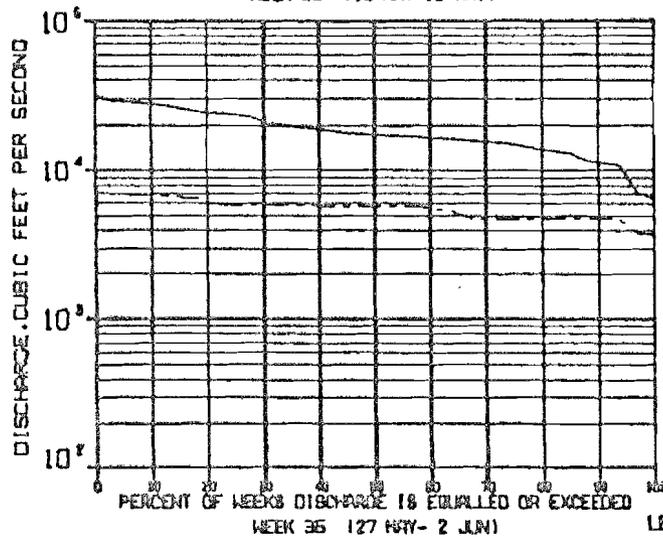
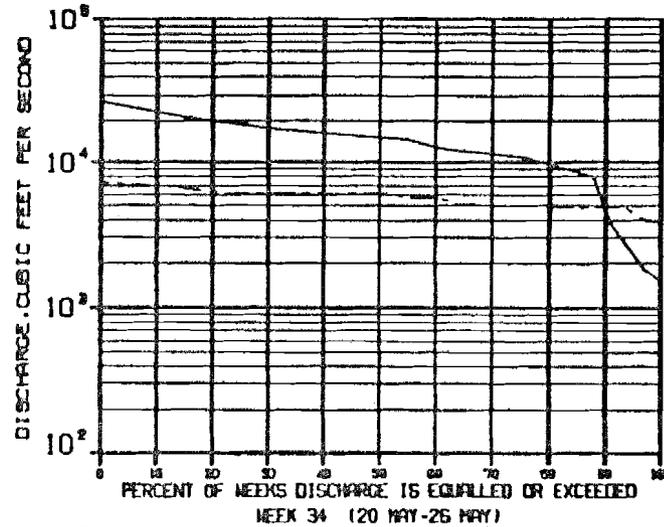
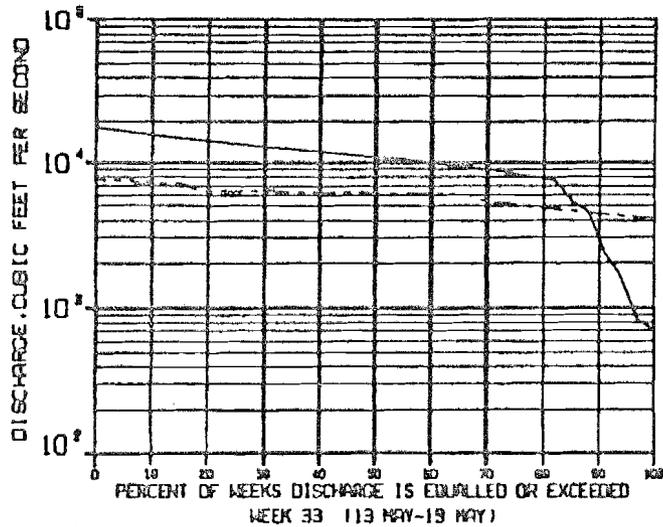
——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EDBECO SUGITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUGITNA RIVER AT WATANA

EXHIBIT 7  
 SHEET 9 OF 13



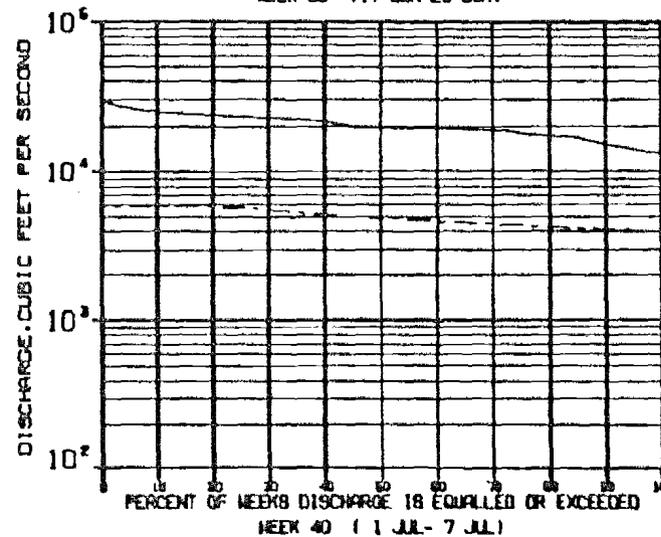
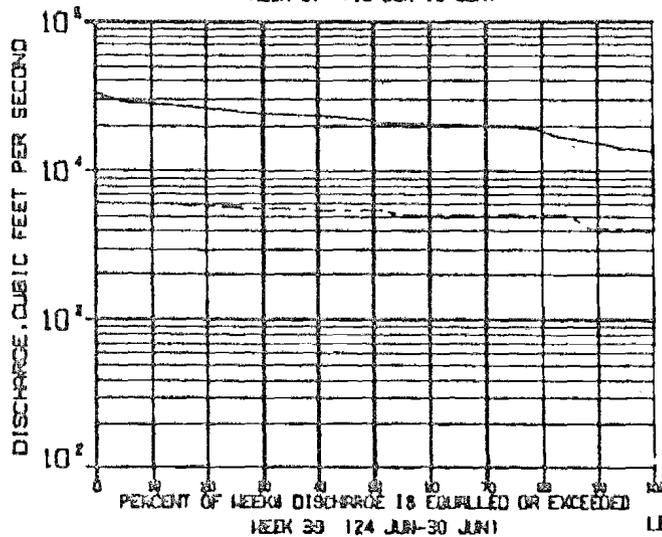
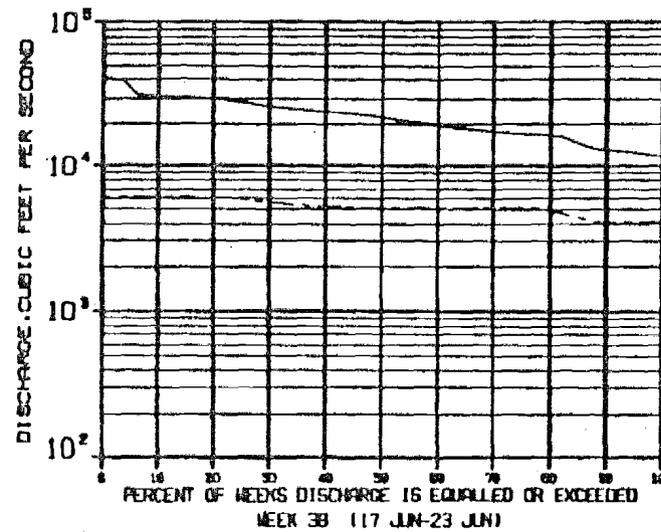
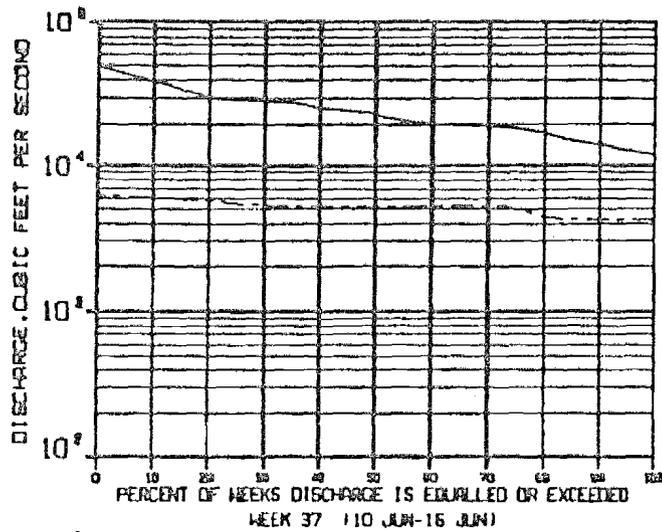
NOTE: FLOW PERIOD WATER YEAR 1951-1953

HARZA-EDASCO SUSITNA JOINT VENTURE JAN 66

\_\_\_\_\_ NATURAL  
 - - - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT WATANA

EXHIBIT 7  
 SHEET 9 OF 19



LEGEND

———— NATURAL

----- WITH PROJECT

CASE E-VI TARGET FLOW

FOR LOAD CONDITIONS 2020

(WATANA-DEVIL CANYON OPERATION)

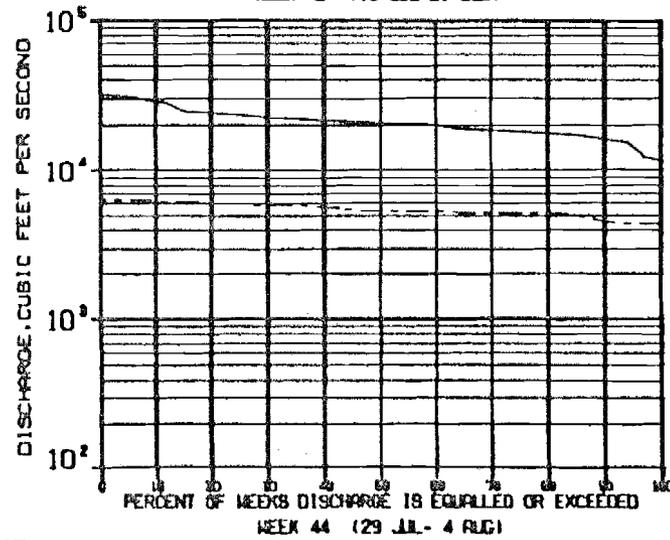
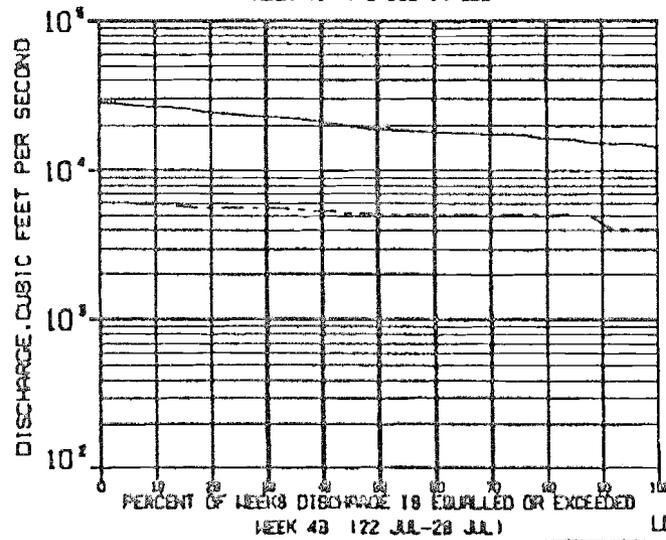
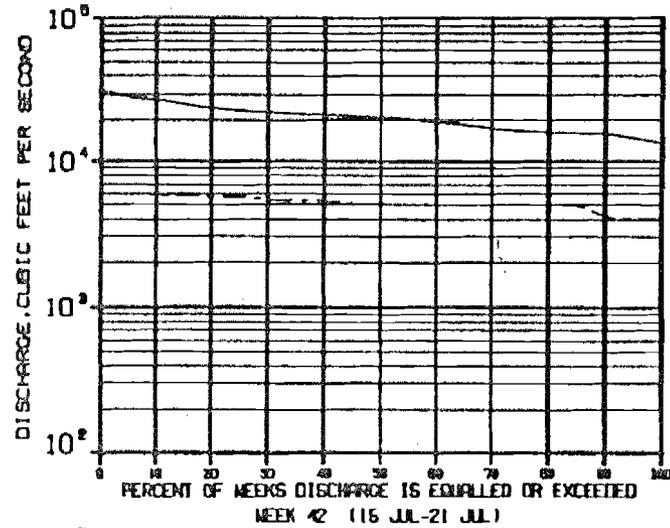
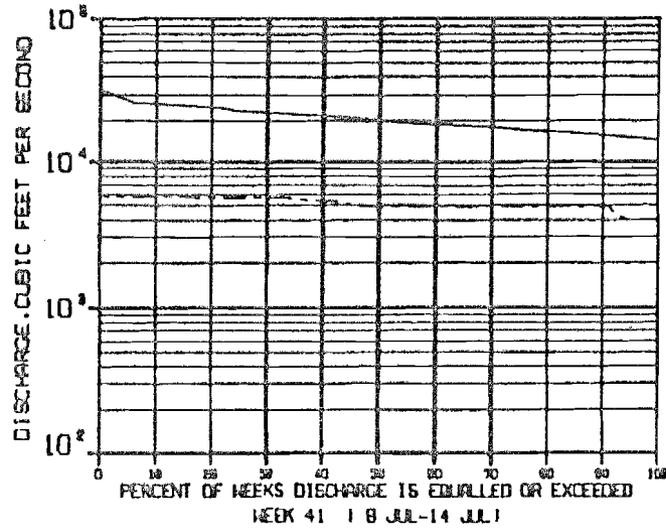
NOTE: FLOW PERIOD WATER YEAR 1961-1969

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES

BASED ON WEEKLY DISCHARGE

SUSITNA RIVER AT WATANA



LEGEND

— NATURAL

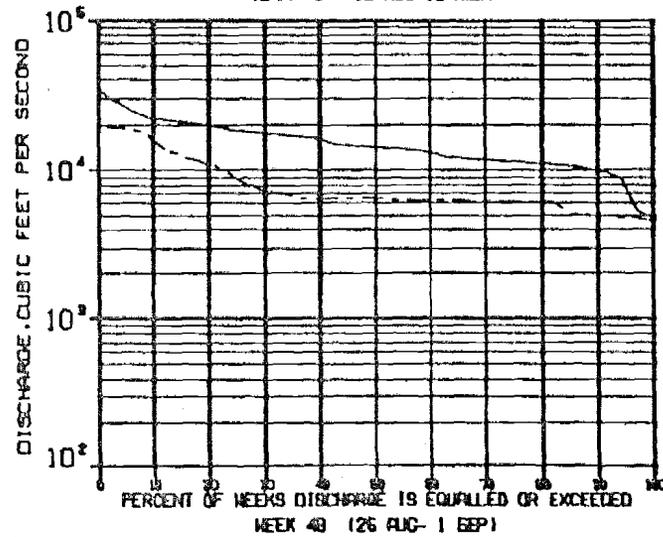
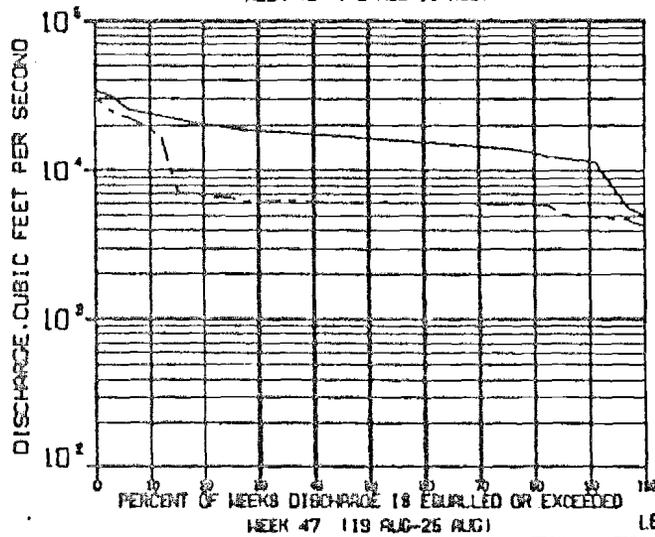
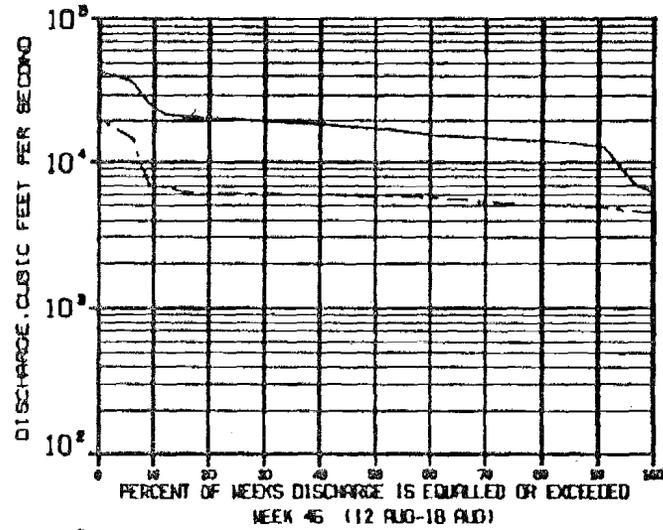
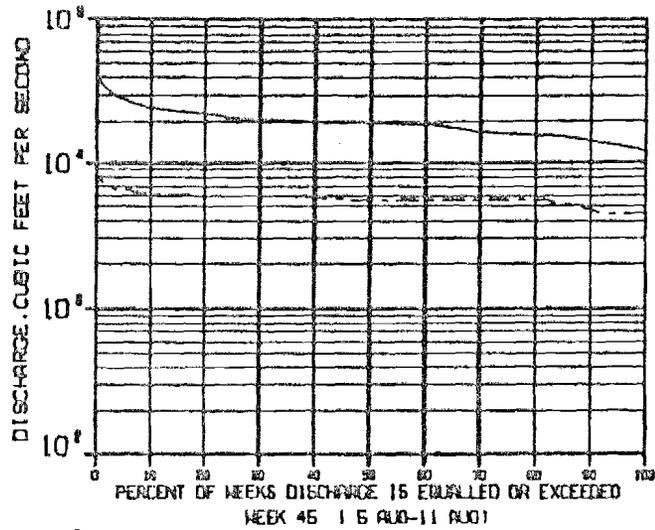
- - - WITH-PROJECT

CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1951-1989

MARZA-EBAGCO SUSITNA JOINT VENTURE JAN 85

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSITNA RIVER AT WATANA



NOTE: FLOW PERIOD WATER YEAR 1951-1953

HARZA-EDASCO SUSITNA JOINT VENTURE JAN 65

LEGEND

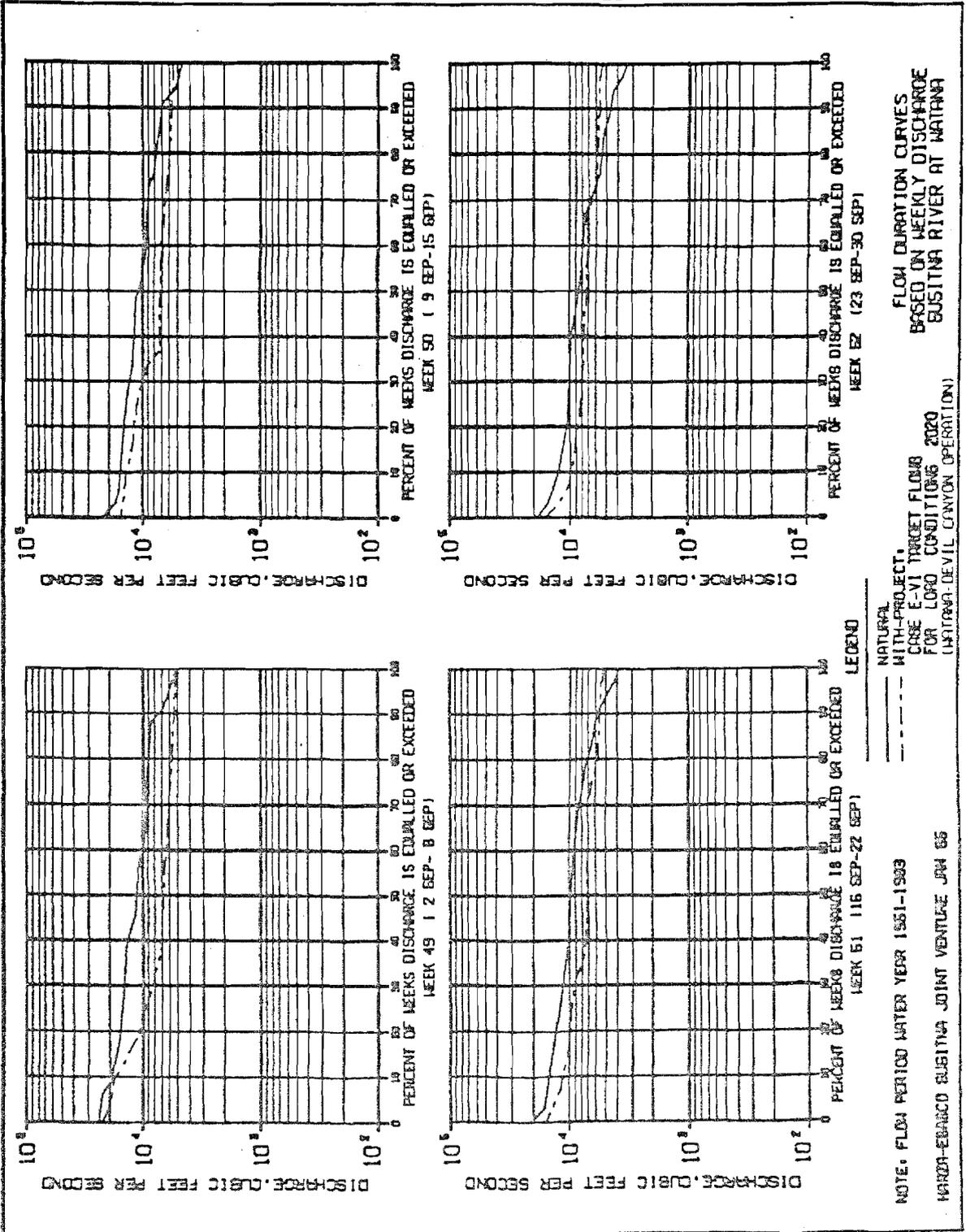
———— NATURAL

----- WITH-PROJECT

CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSITNA RIVER AT WATANA

EXHIBIT 7  
SHEET 18 OF 19

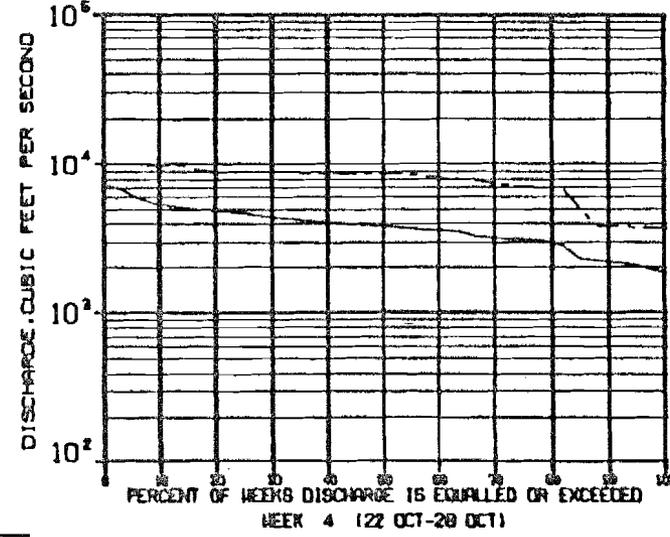
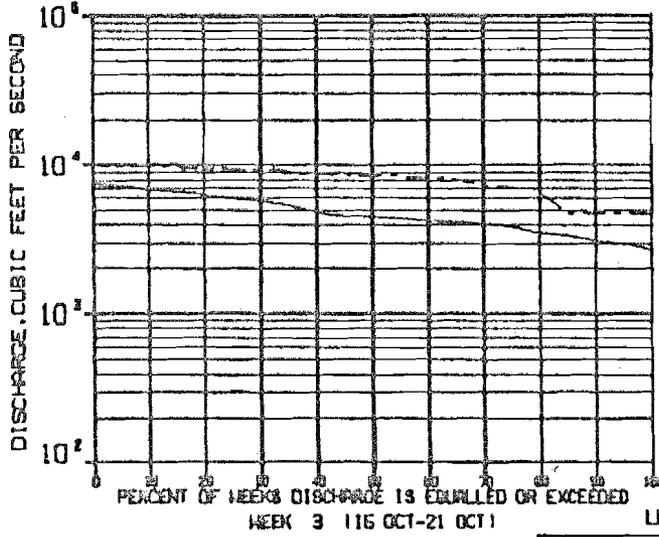
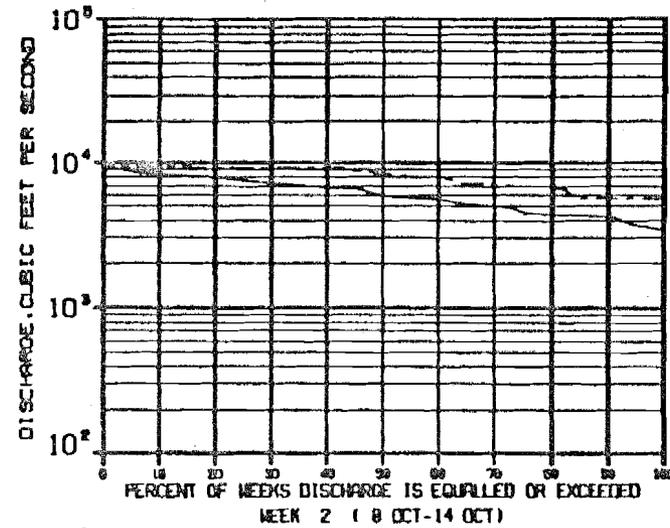
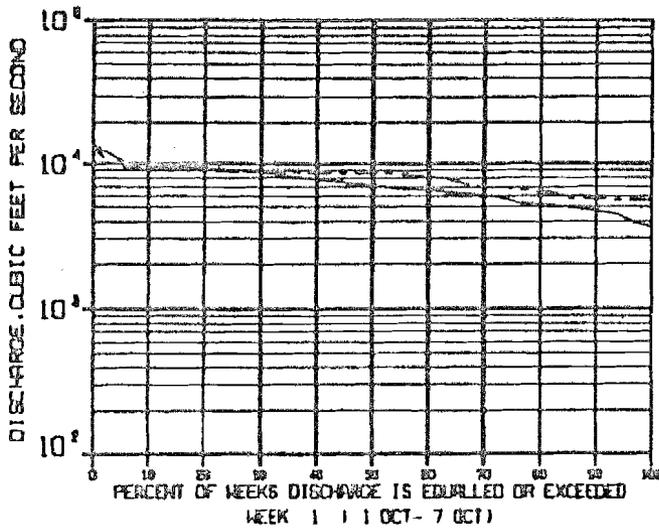


FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
BUSITINA RIVER AT NATANA

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT.  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
HARZA-ESARGO BUSITINA JOINT VENTURE JAN 65

**EXHIBIT 8**



LEGEND

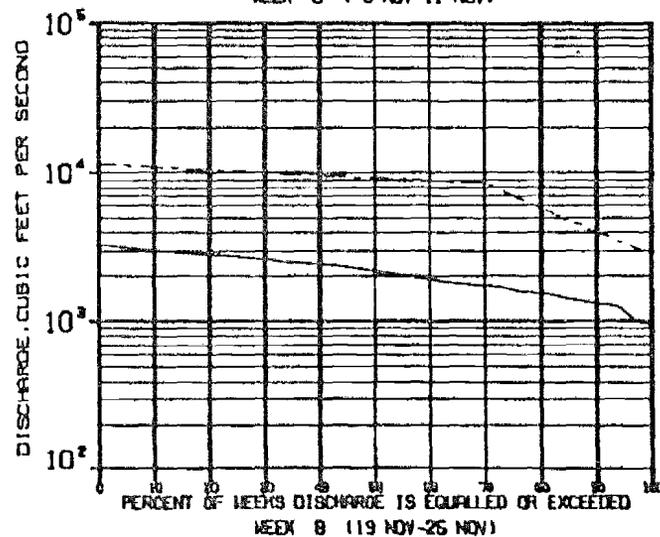
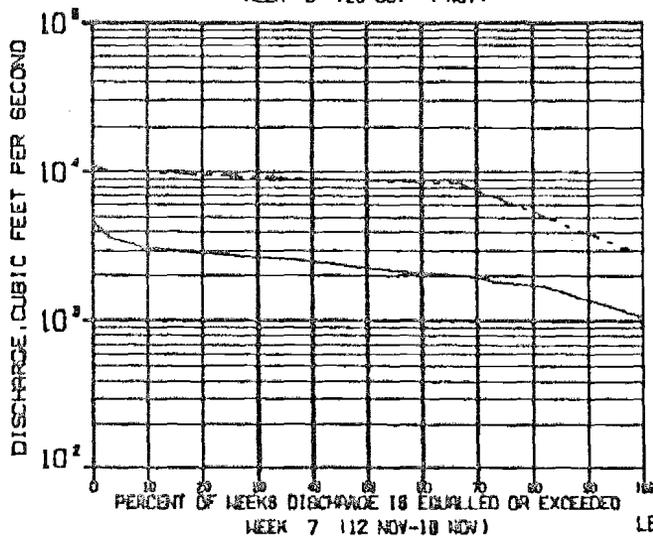
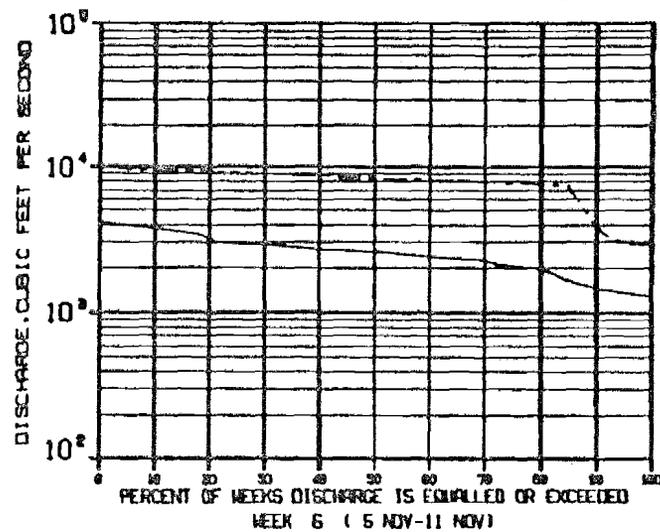
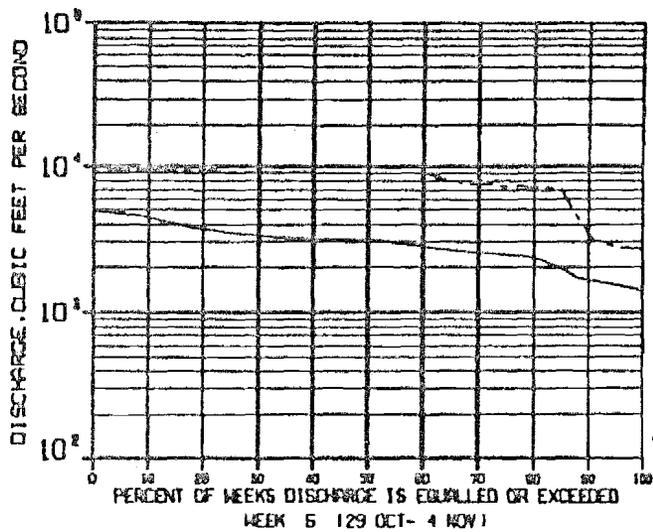
——— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1951-1959

WARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 9  
SHEET 1 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1952

MARZA-ESABCO SUSITNA JOINT VENTURE JAN 65

LEGEND

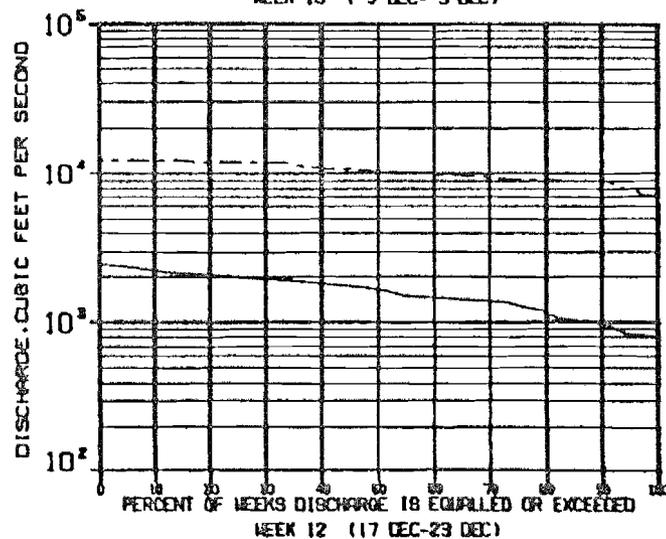
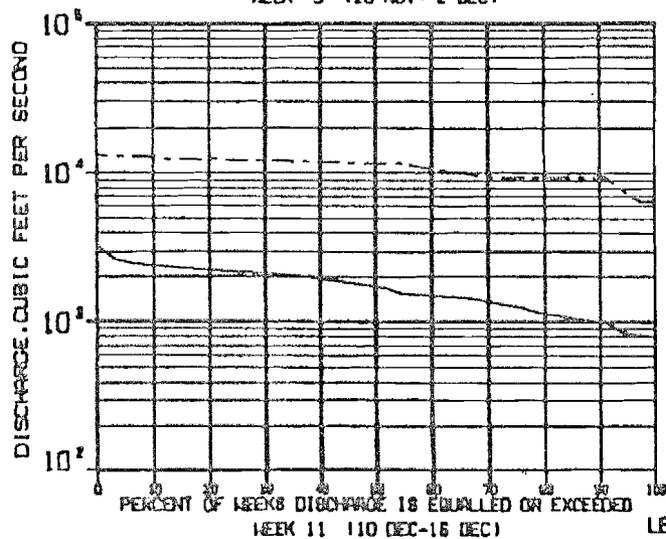
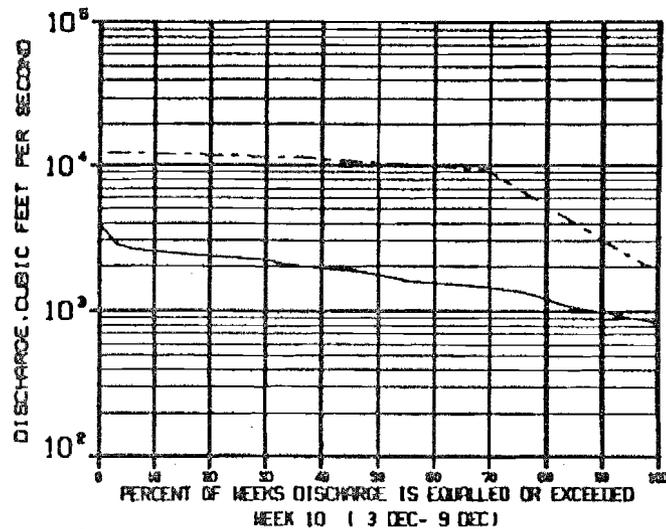
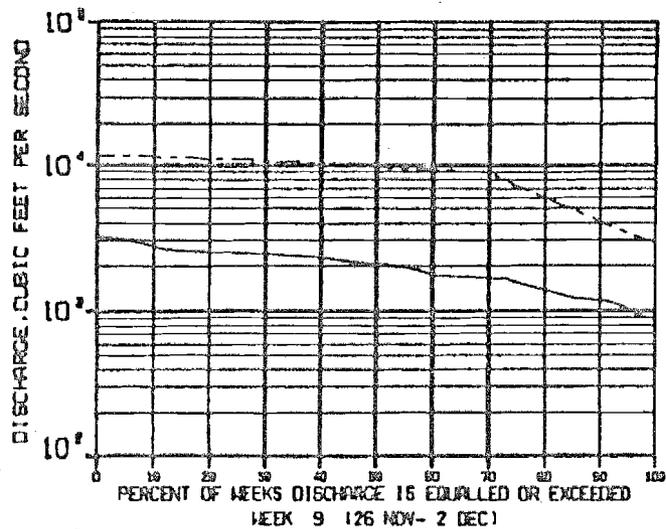
—— NATURAL

----- WITH PROJECT

CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(HATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 8  
SHEET 2 OF 13



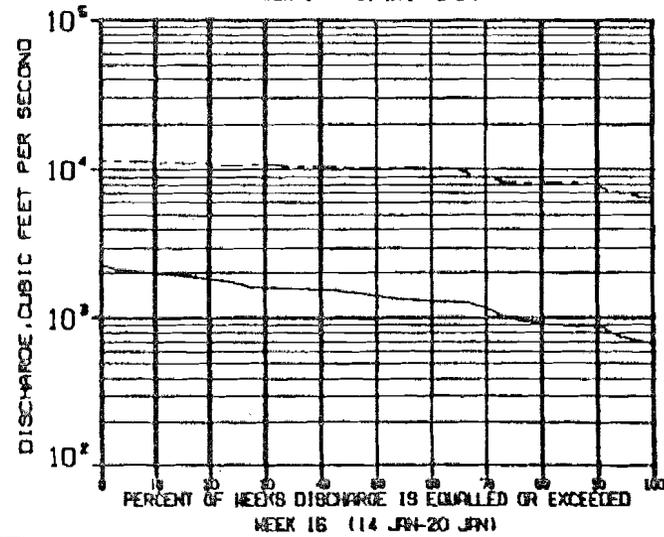
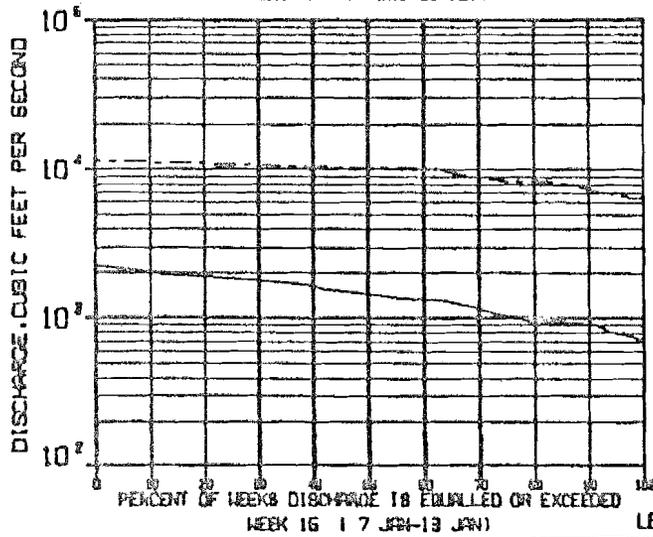
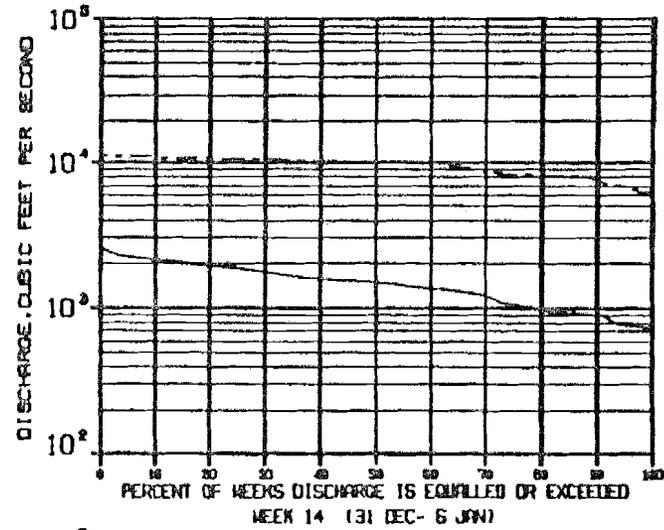
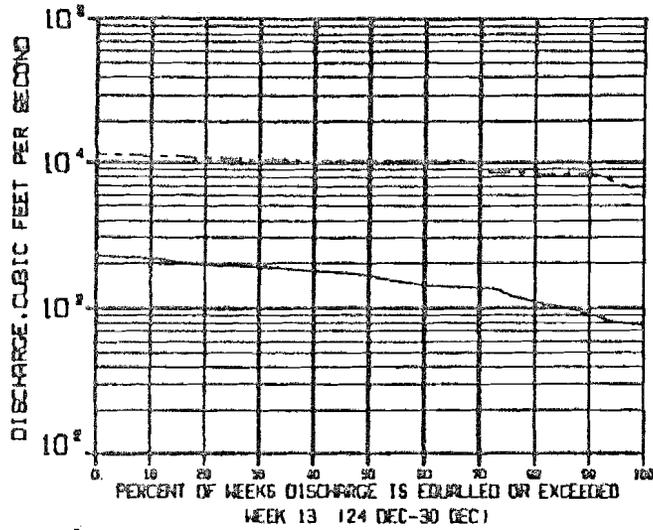
LEGEND

———— NATURAL  
 - - - - WITH-PROJECT  
 CABE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1951-1989

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

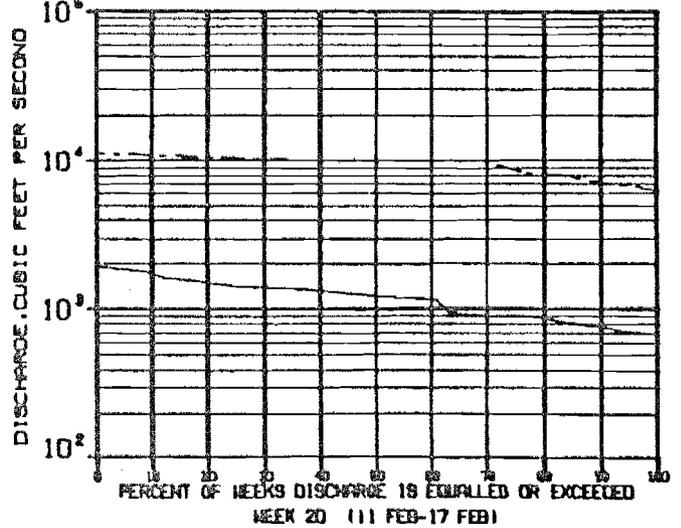
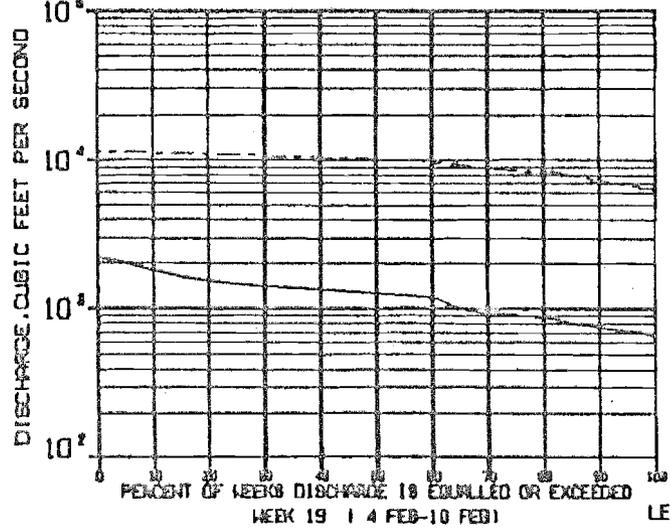
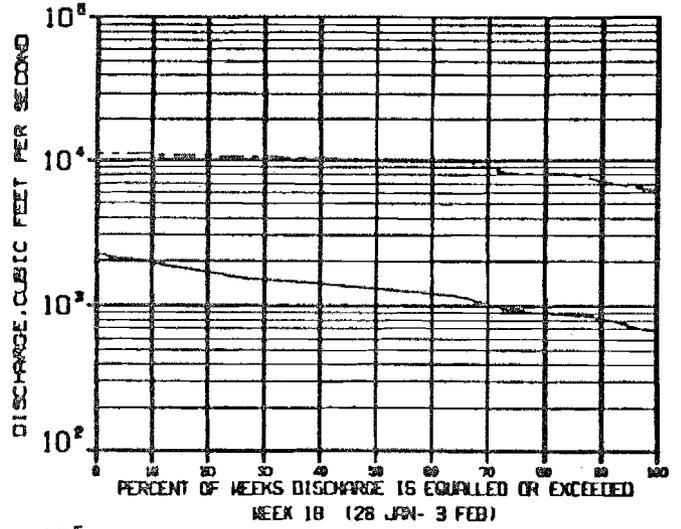
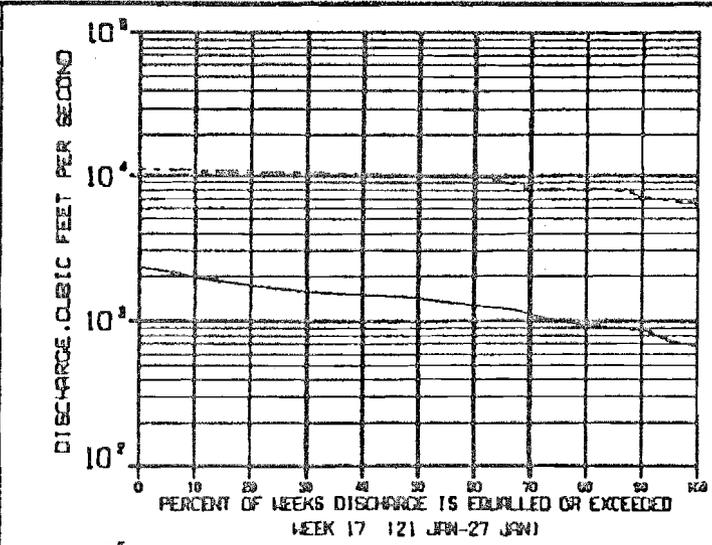


NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HANZA-EDASCO SUSTINA JOINT VENTURE JAN 65

LEGEND  
 — NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSTINA RIVER AT DEVIL CANYON

EXHIBIT 8  
 SHEET 4 OF 13

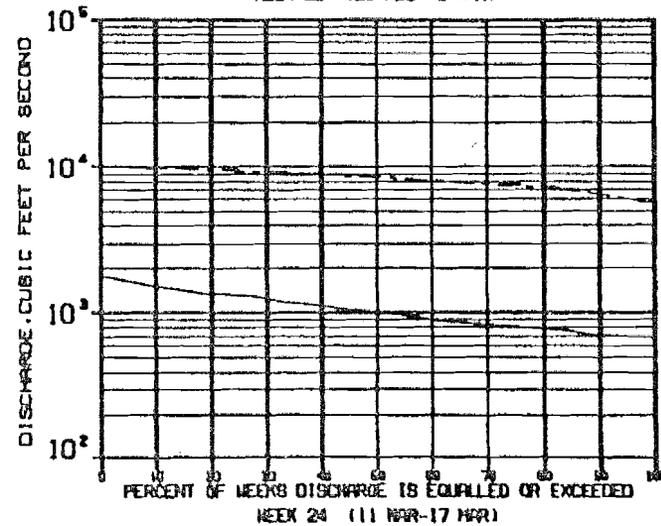
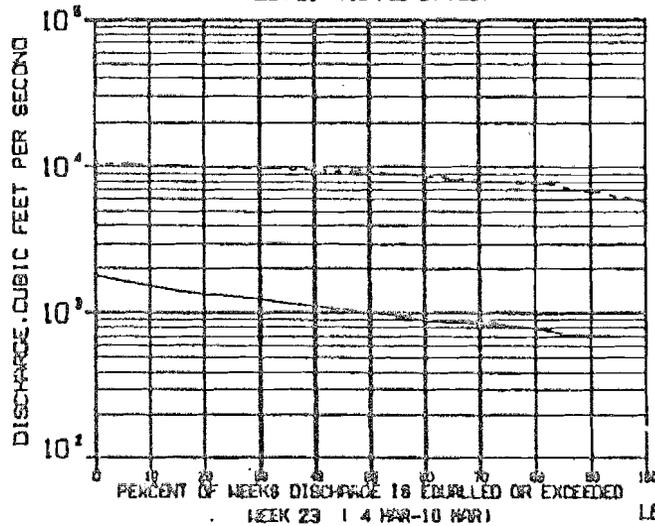
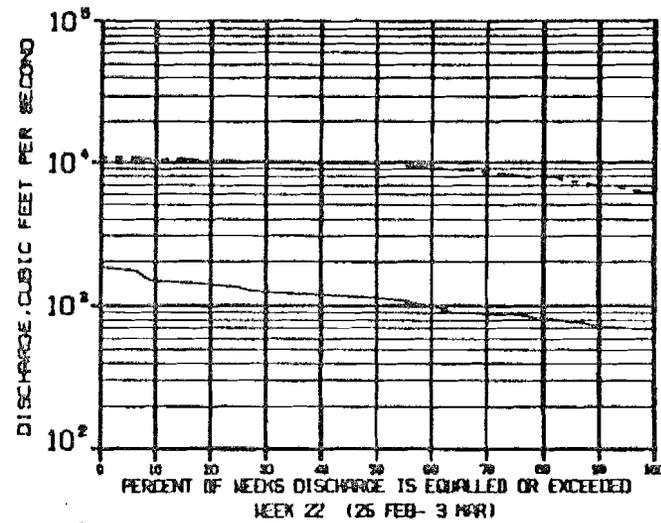
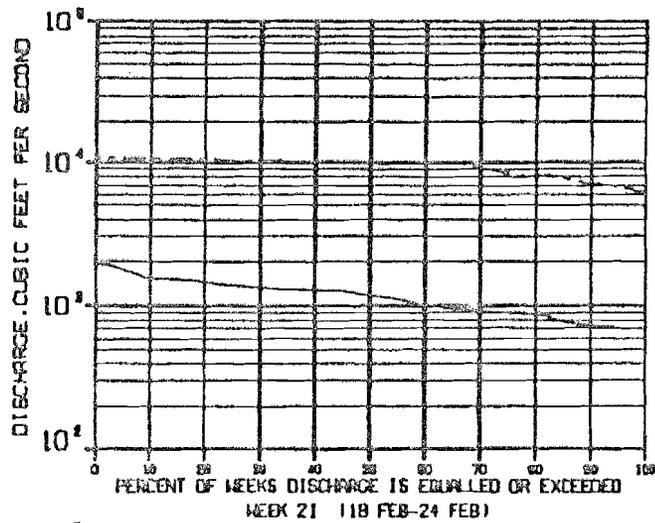


NOTE: FLOW PERIOD WATER YEAR 1951-1953  
 HARZA-EBARCO SUSITNA JOINT VENTURE JAN 65

LEGEND  
 ——— NATURAL  
 - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 8  
 SHEET 6 OF 13



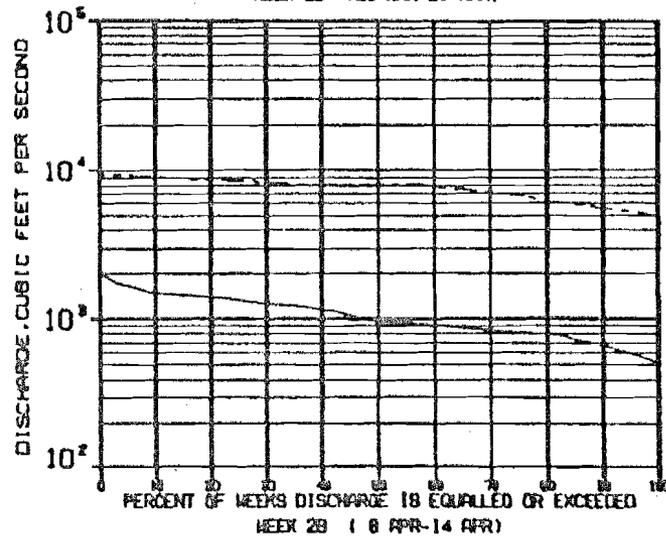
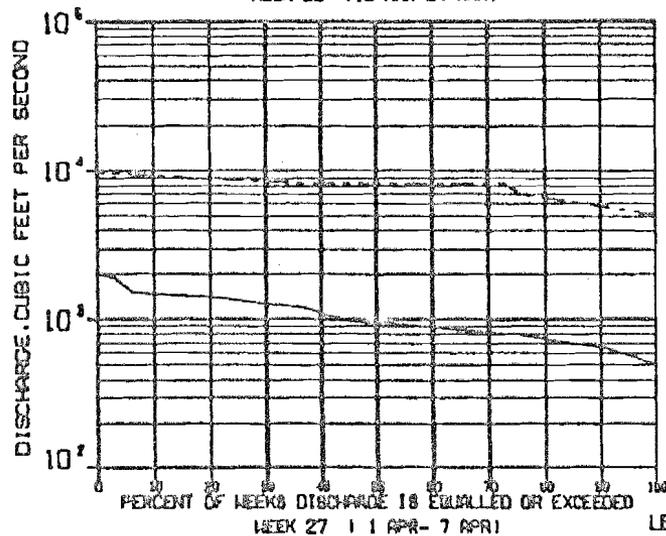
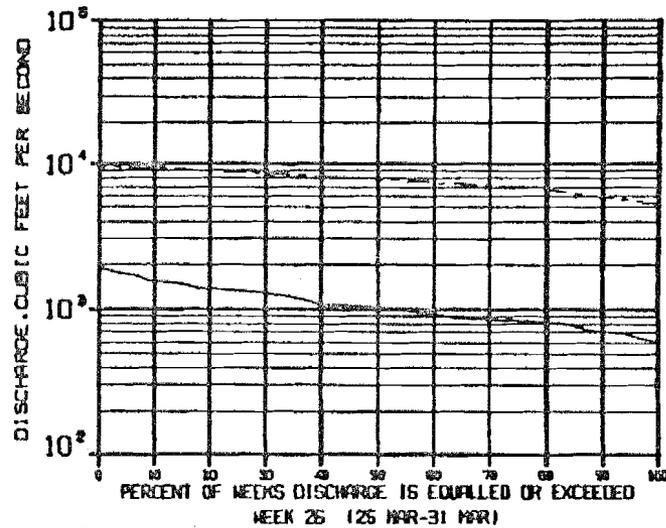
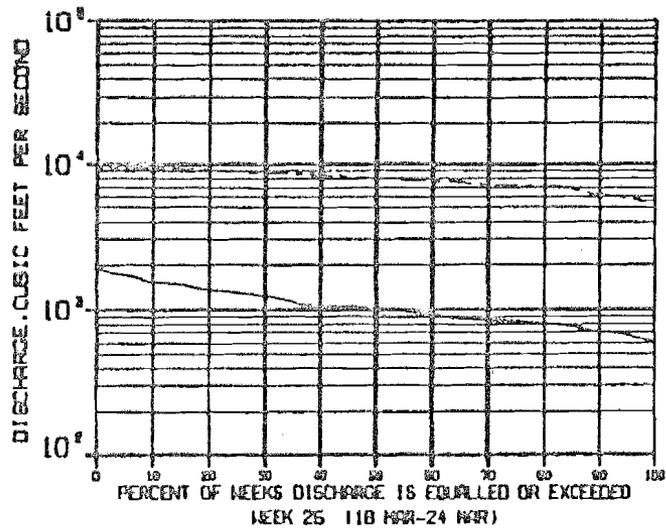
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH-PROJECT  
 CASE E-VI TRAFLET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EGASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON



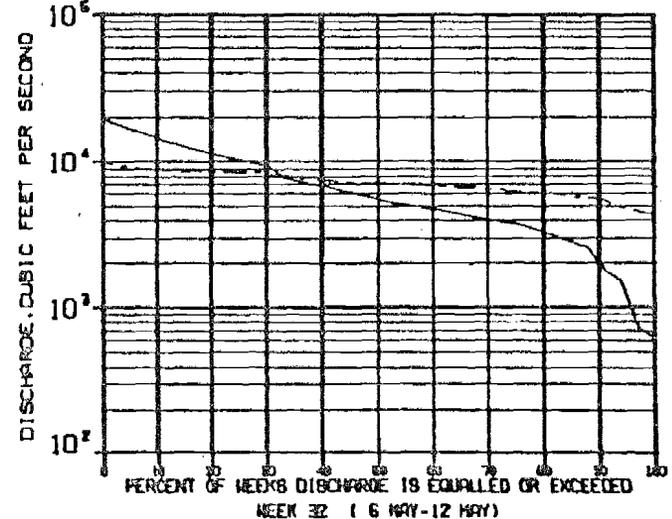
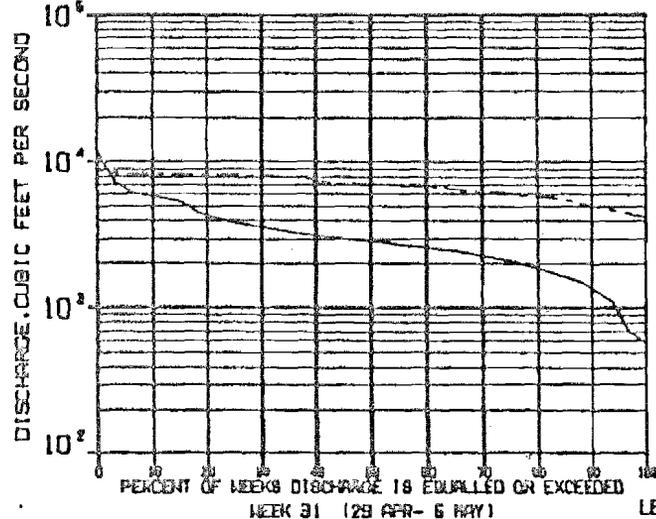
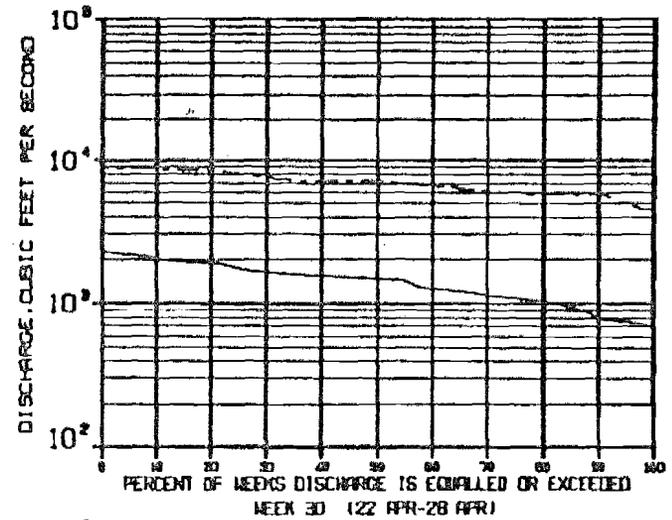
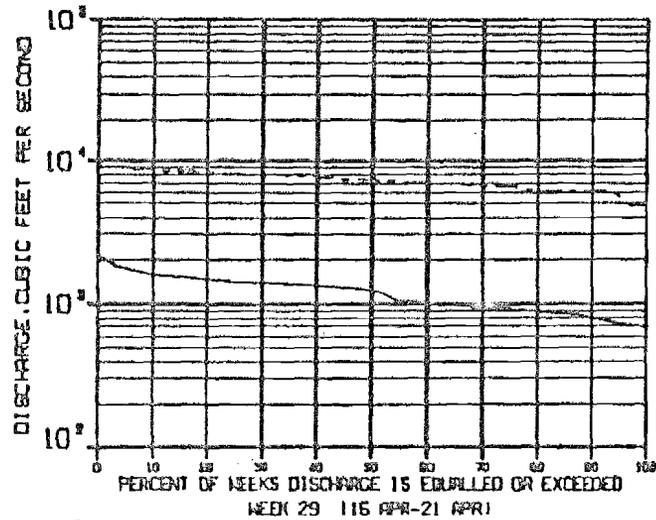
LEGEND

——— NATURAL  
 - - - WITH-PROJECT.  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

MARZA-EBADCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

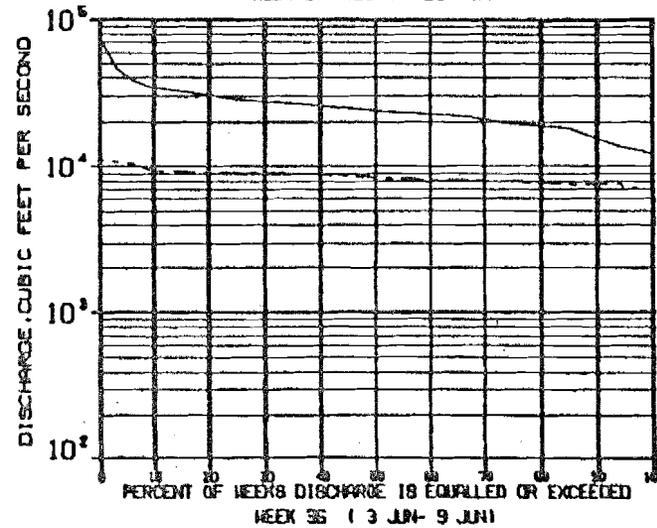
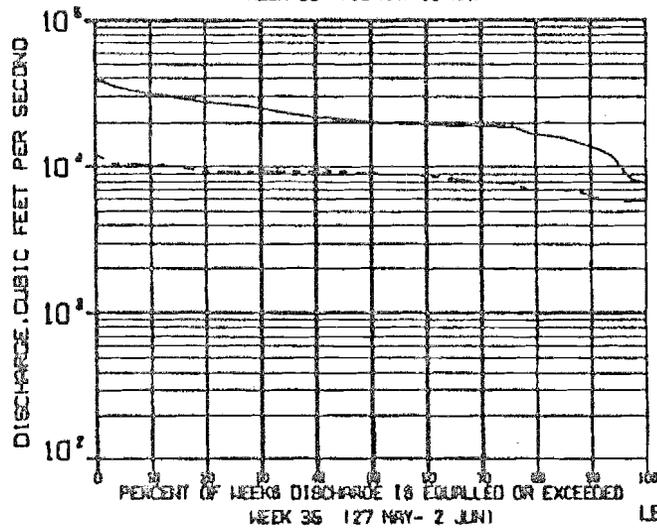
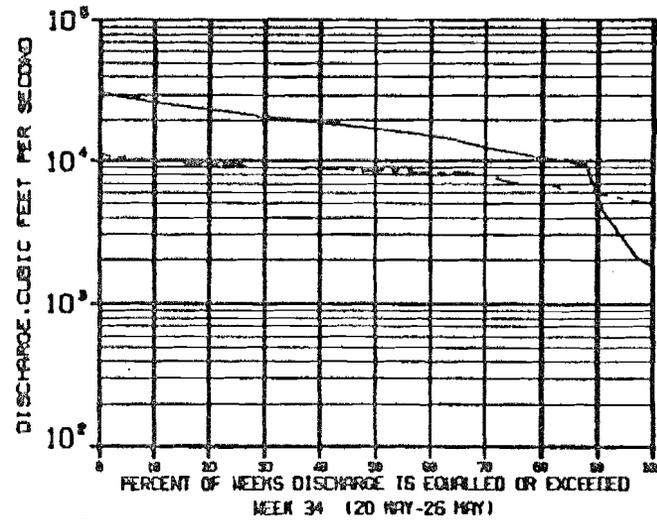
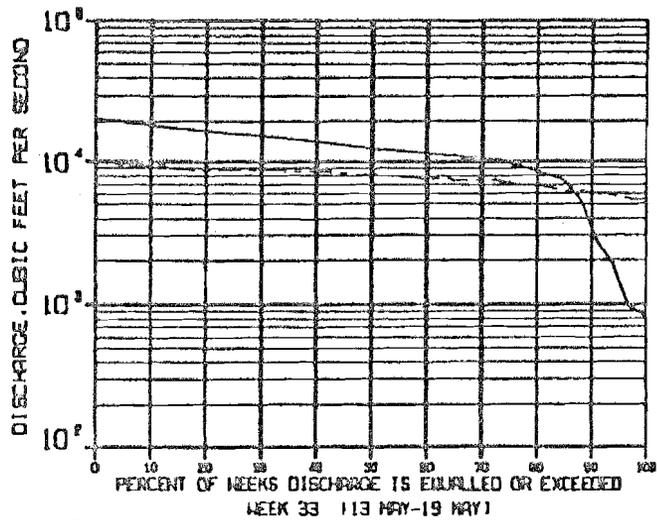


NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EGABCO SUSITNA JOINT VENTURE JAN 66

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (HATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 8  
 SHEET 9 OF 13



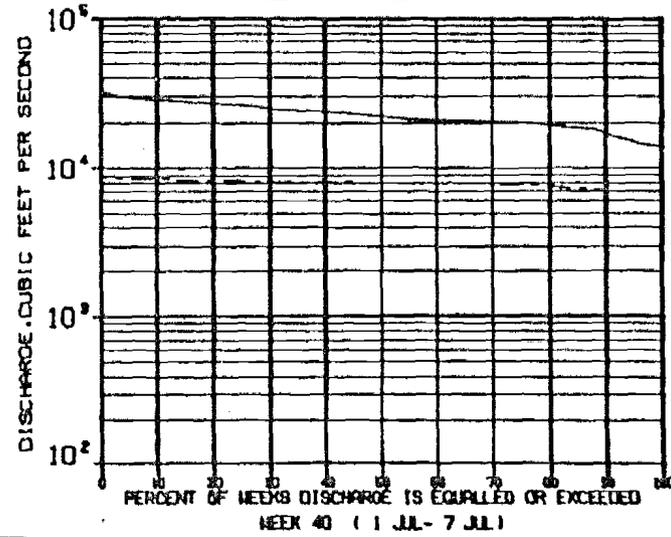
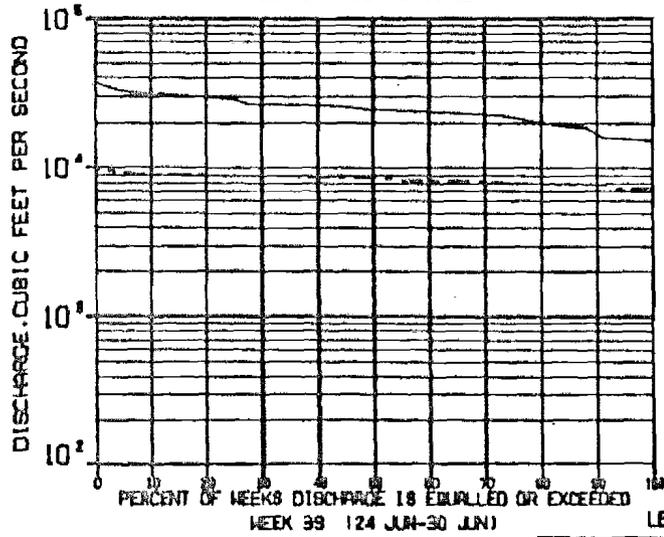
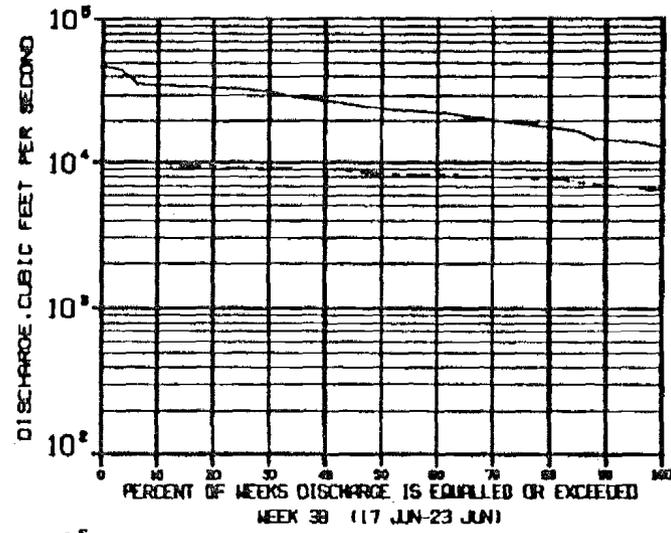
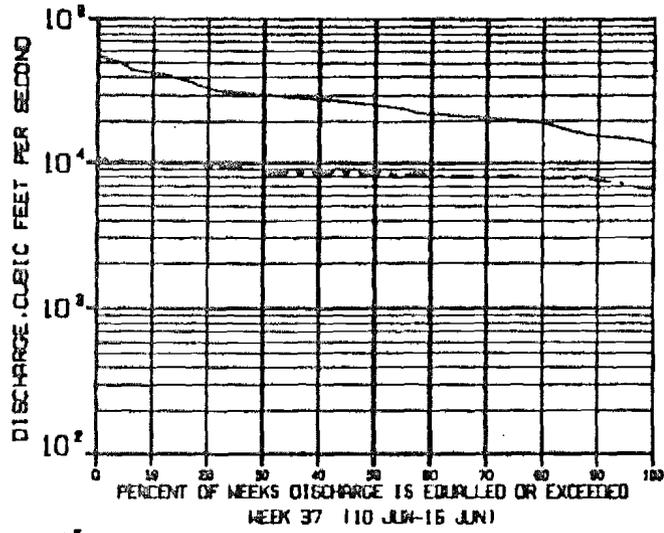
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EDASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON



NOTE: FLOW PERIOD WATER YEAR 1961-1969

HARZA-EGASCO BUSITNA JOINT VENTURE JAN 65

LEGEND

———— NATURAL

----- WITH PROJECT

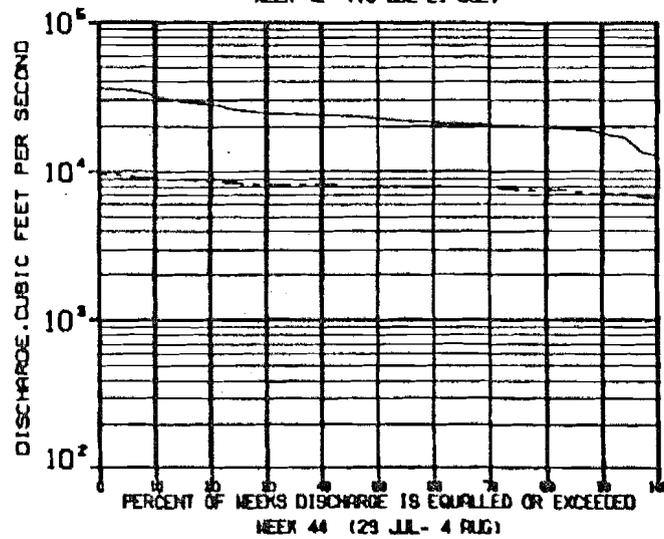
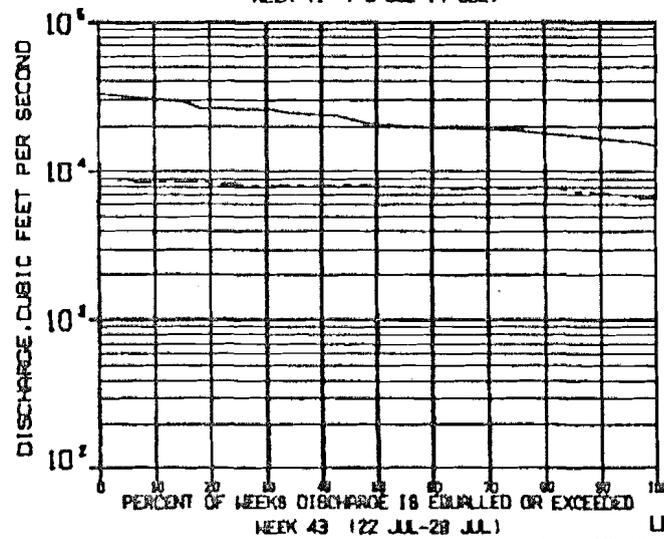
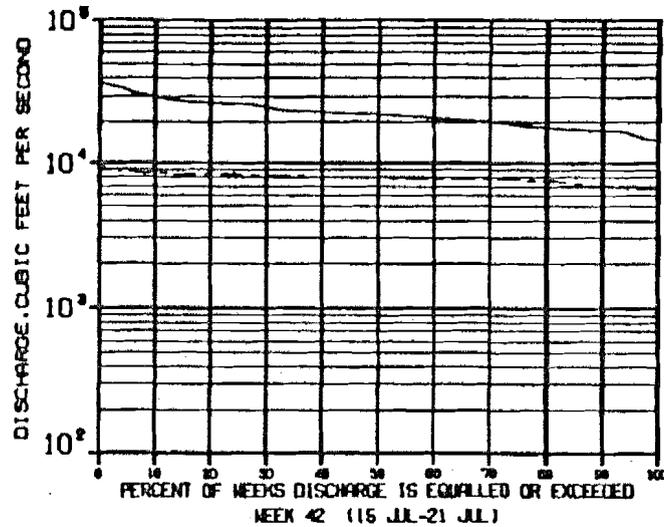
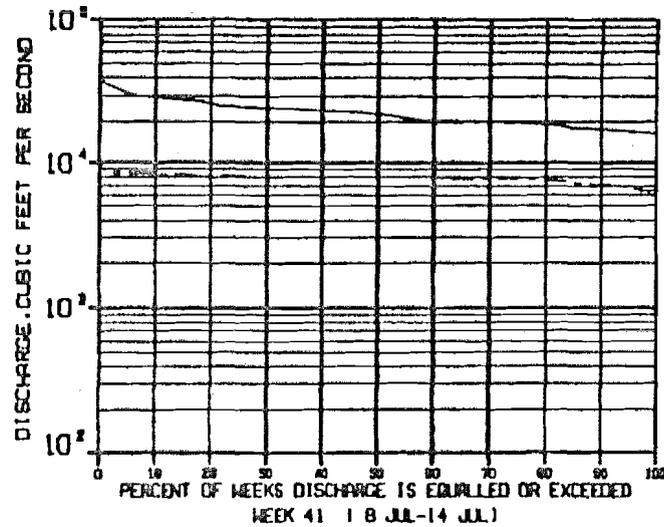
CASE E-VI TARGET FLOWS

FOR LOAD CONDITIONS 2020

(WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
BUSITNA RIVER AT DEVIL CANYON

EXHIBIT B  
SHEET 10 OF 19



LEGEND

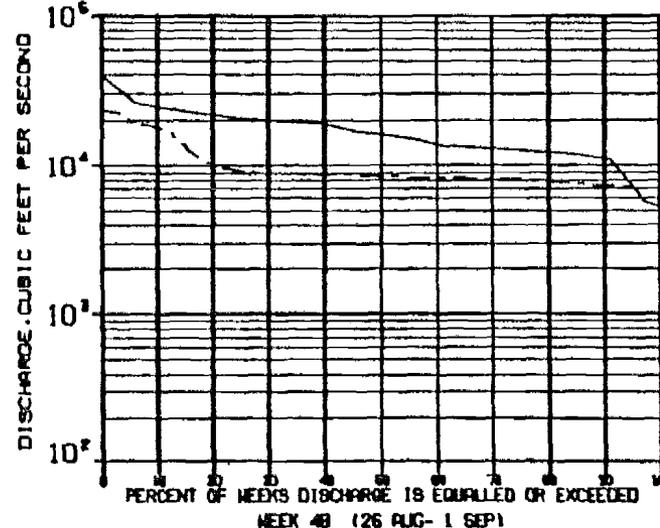
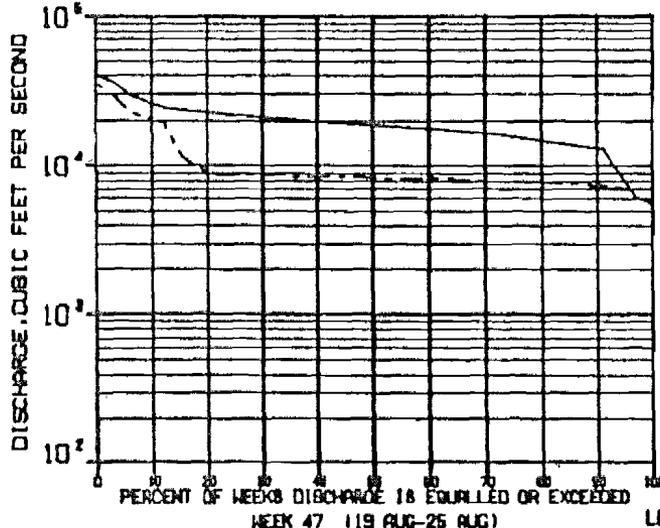
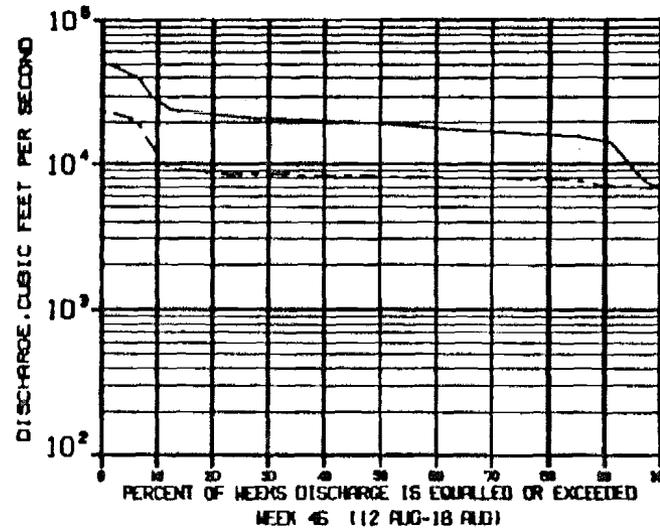
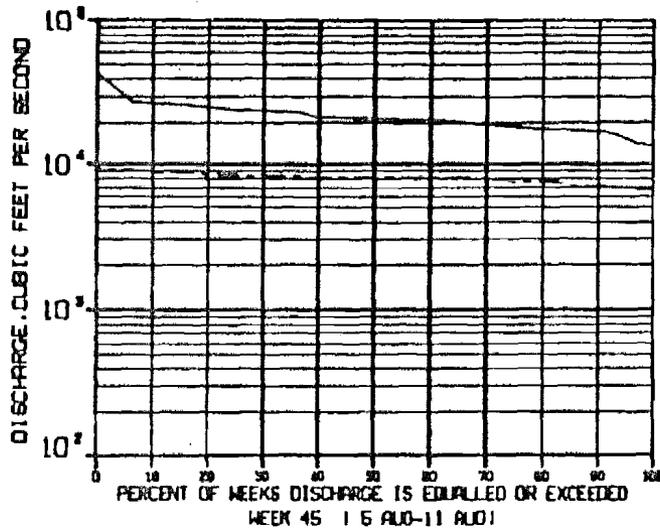
———— NATURAL  
 - - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EDASCO SUSITNA JOINT VENTURE JAN 65

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 8  
 SHEET 11 OF 19



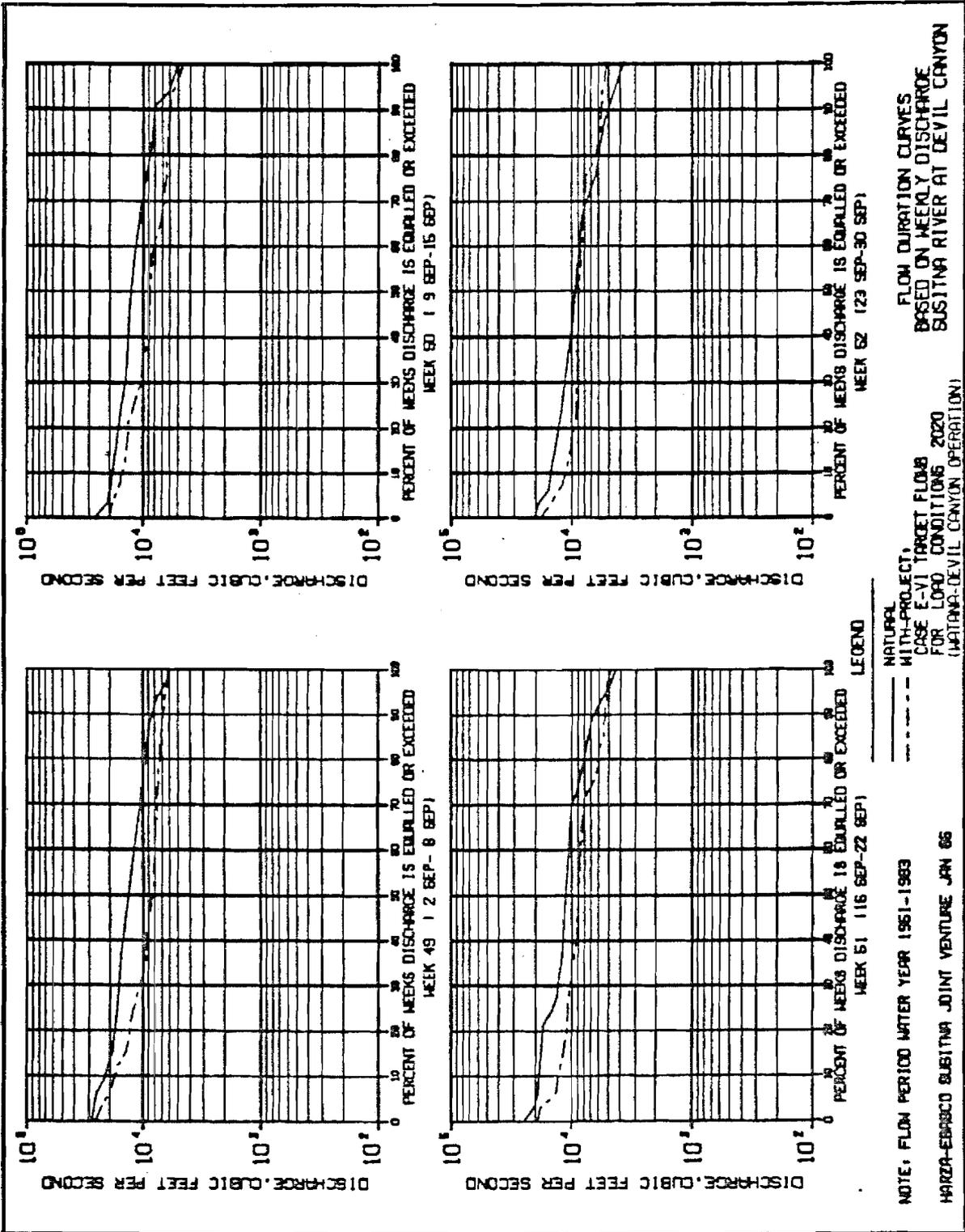
NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

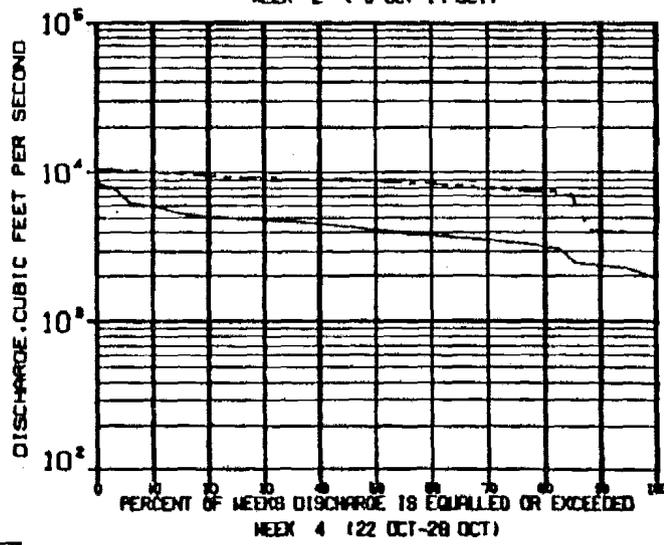
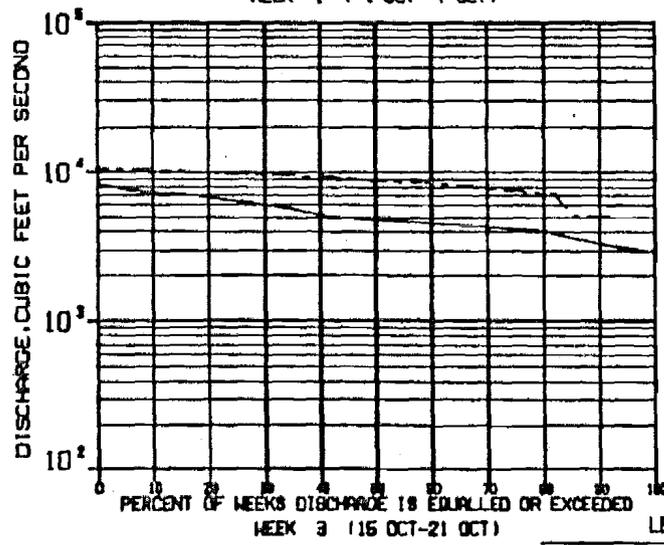
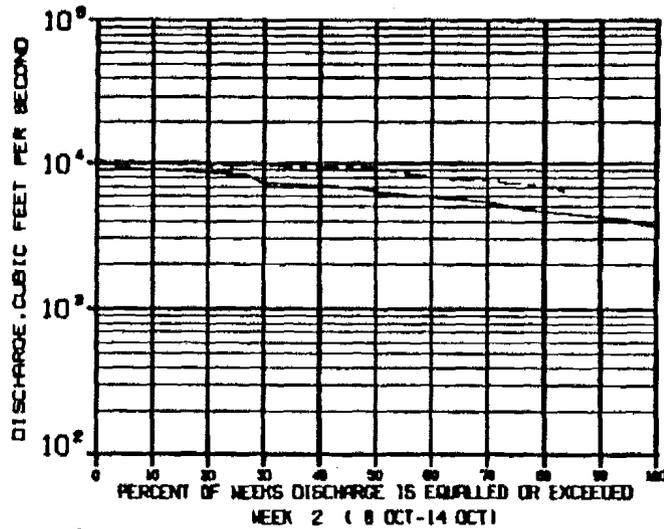
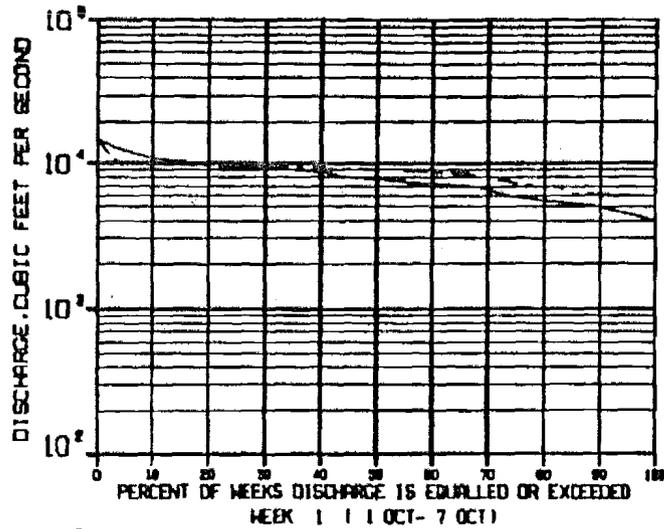
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT DEVIL CANYON

EXHIBIT 8  
 SHEET 12 OF 19

EXHIBIT 8  
SHEET 19 OF 19



**EXHIBIT 9**



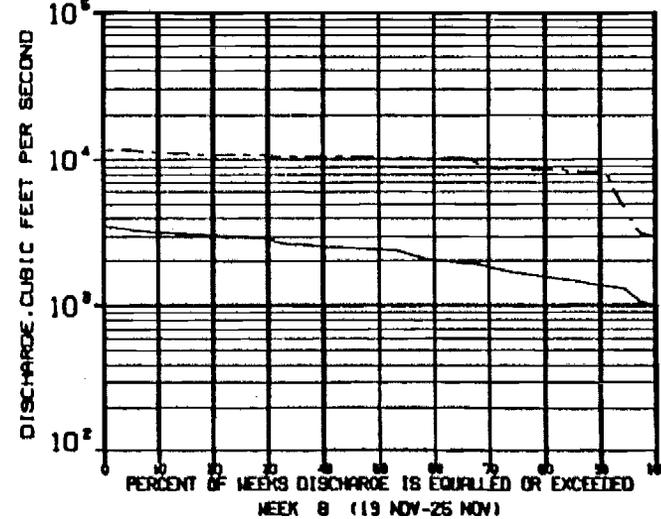
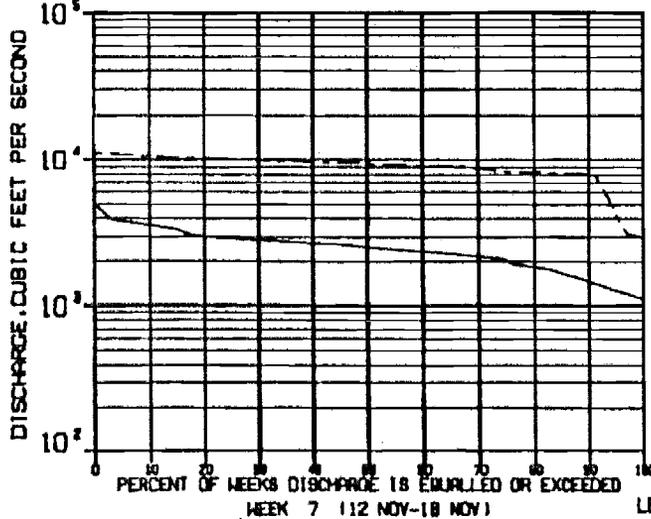
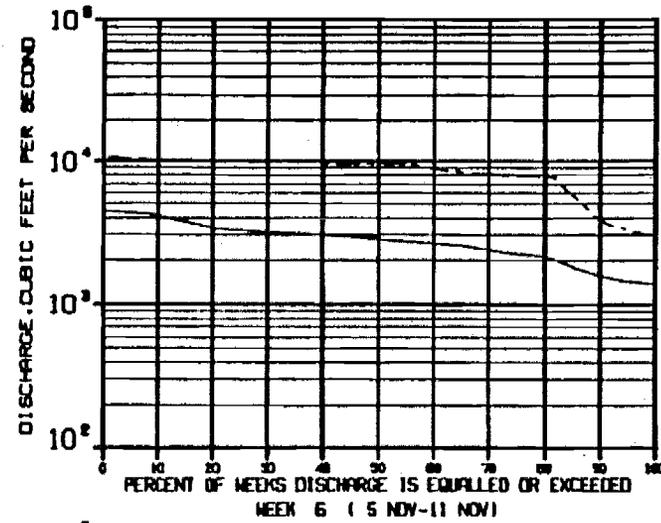
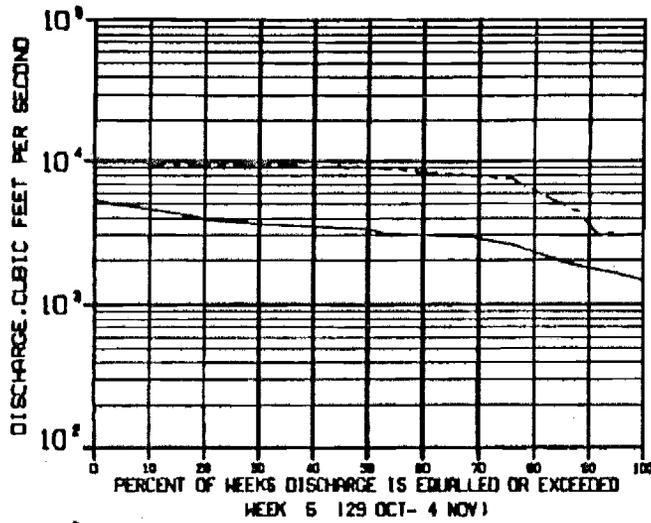
LEGEND

—— NATURAL  
 - - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANI-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 MARZA-EBABCO SUSITNA JOINT VENTURE JAN 65

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

EXHIBIT 9  
 SHEET 1 OF 19

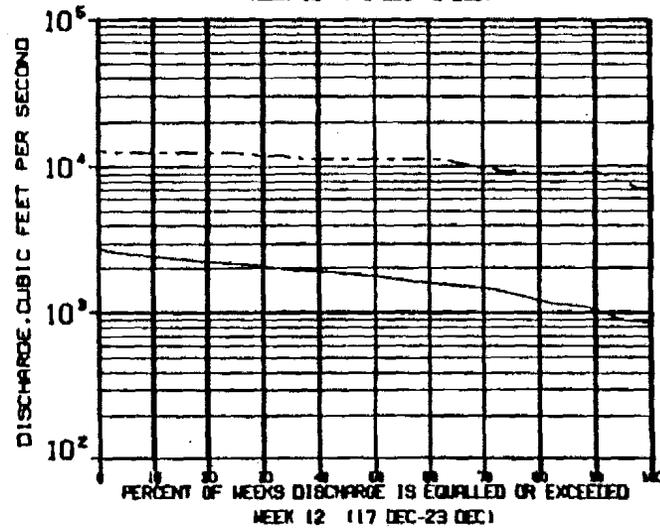
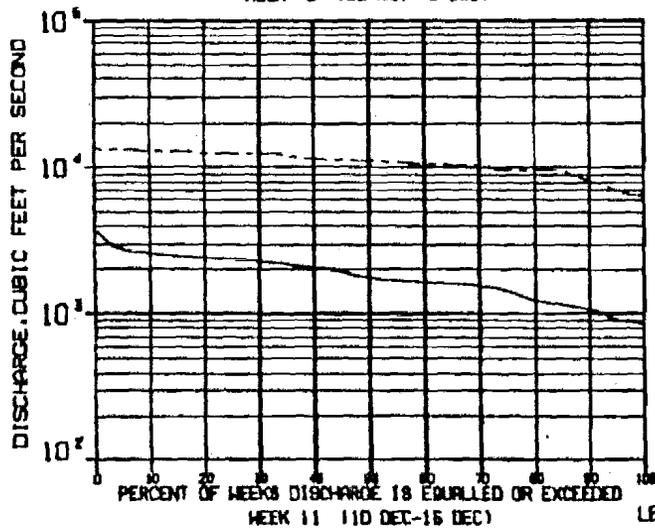
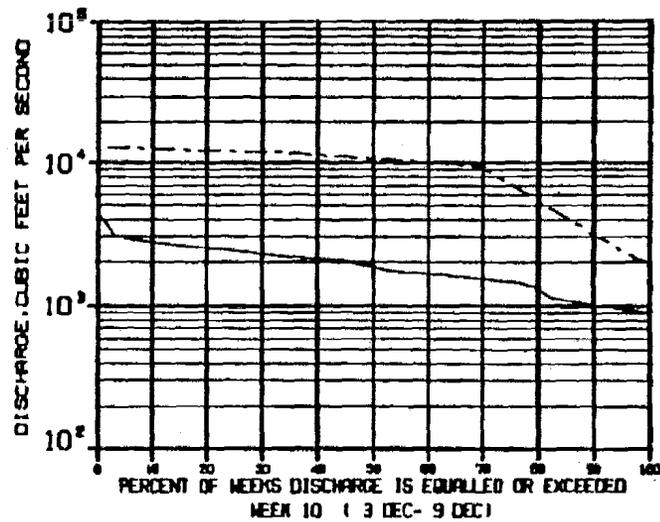
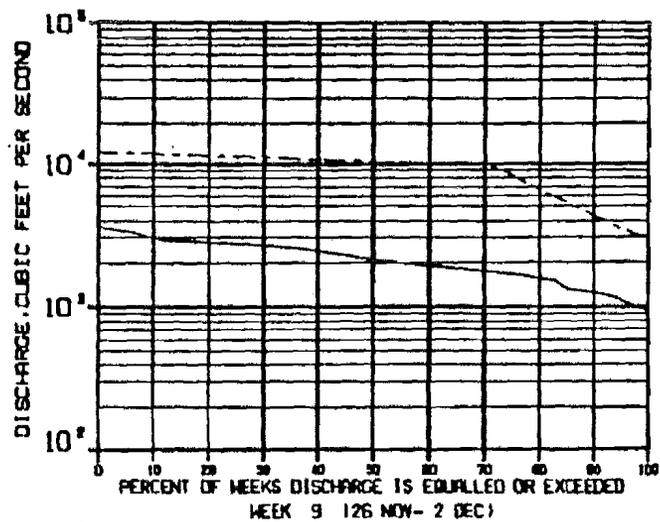


NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUBITNA JOINT VENTURE JAN 65

LEGEND  
 — NATURAL  
 - - - WITH PROJECT  
 CAGE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (HATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 9  
 SHEET 2 OF 13

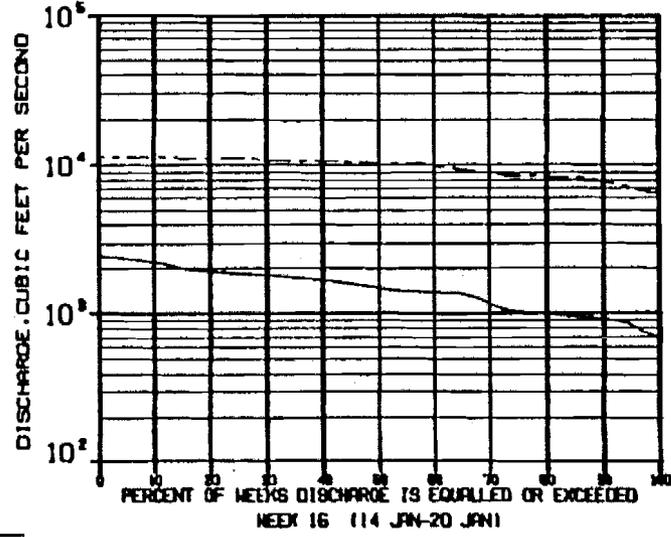
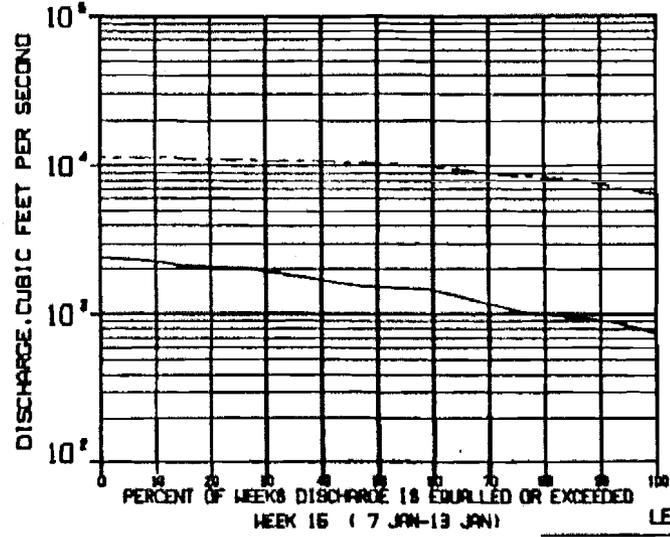
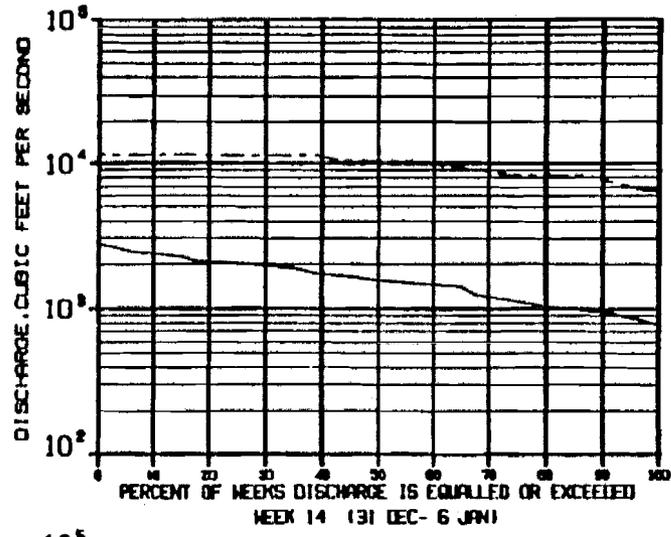
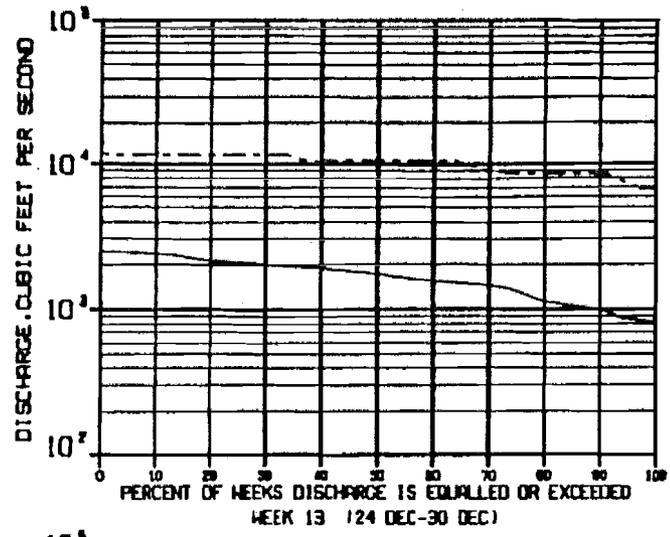


NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBRACCO SUSITNA JOINT VENTURE JAN 86

LEGEND  
 — NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 9  
 SHEET 9 OF 13



LEGEND

———— NATURAL

----- WITH PROJECT

CAGE E-VI TARGET FLOWS

FOR LOAD CONDITIONS 2020

(WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUBITNA JOINT VENTURE JAN 86

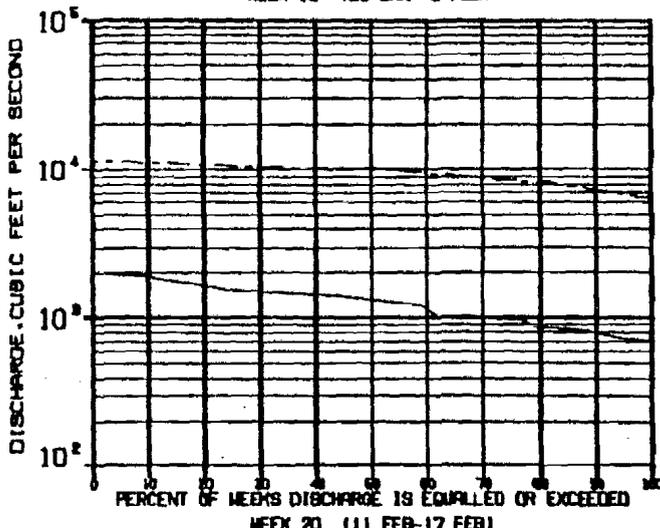
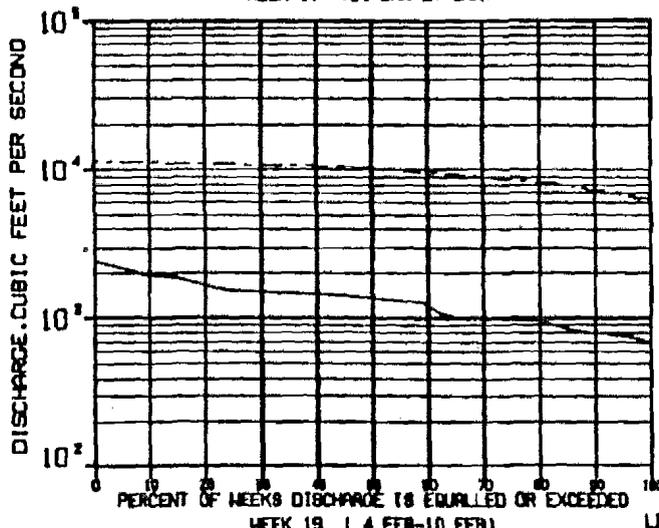
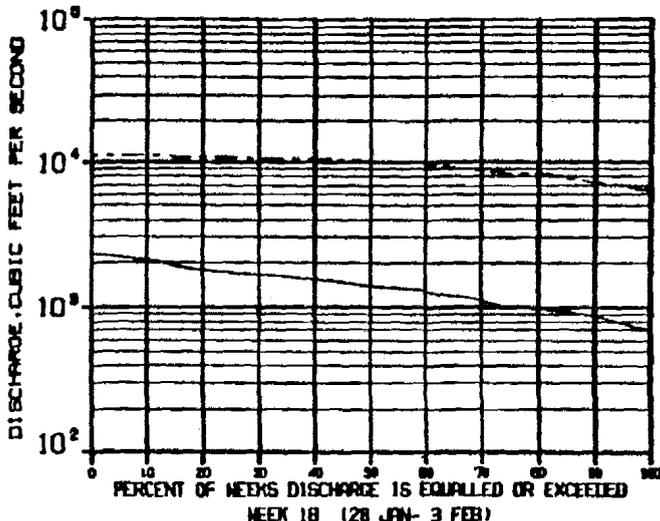
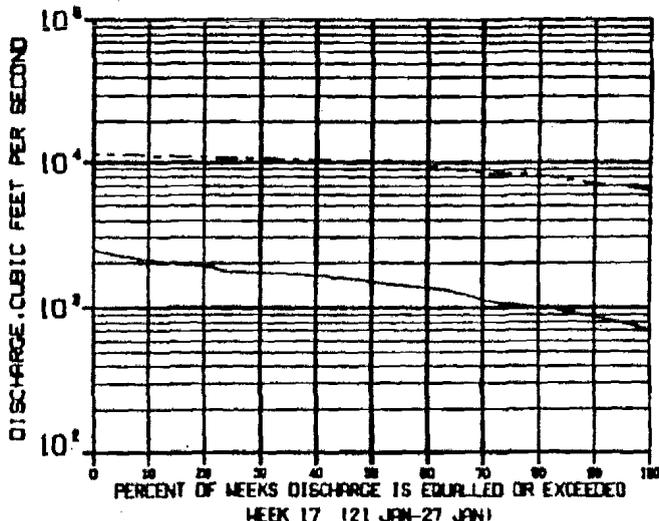
FLOW DURATION CURVES

BASED ON WEEKLY DISCHARGE

SUSITNA RIVER AT GOLD CREEK

EXHIBIT 9

SHEET 4 OF 13

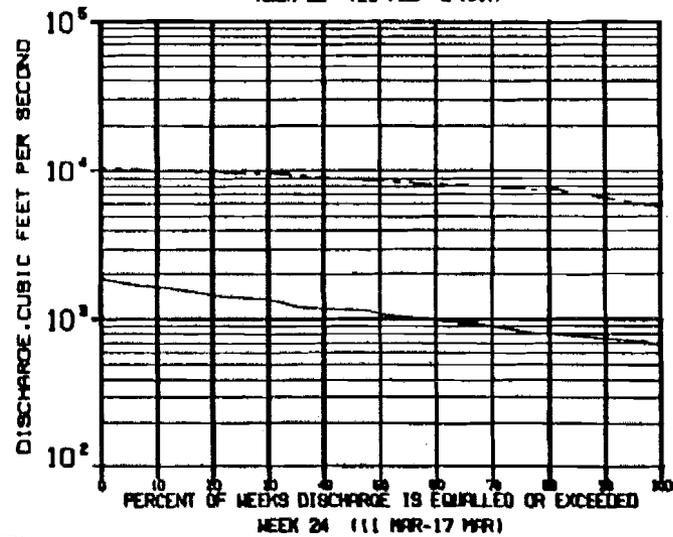
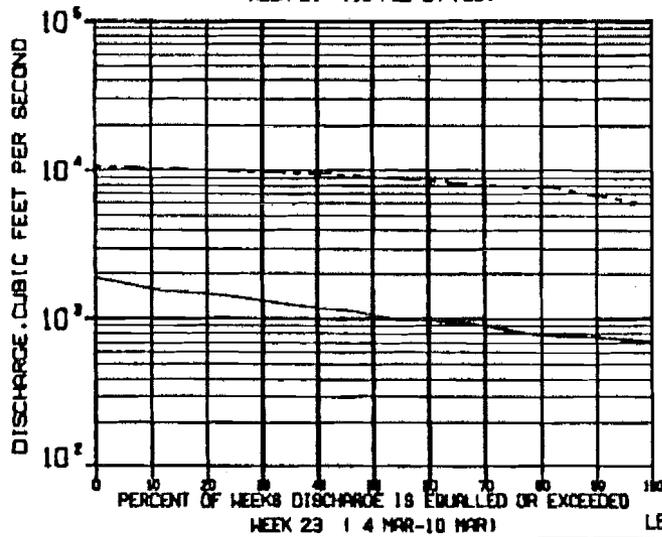
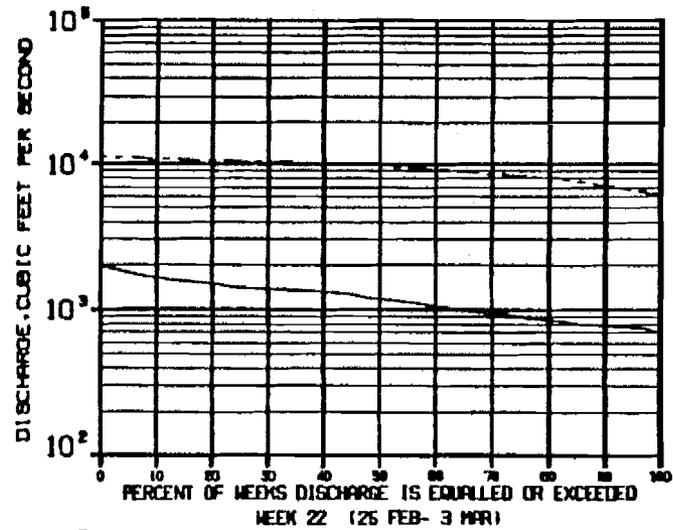
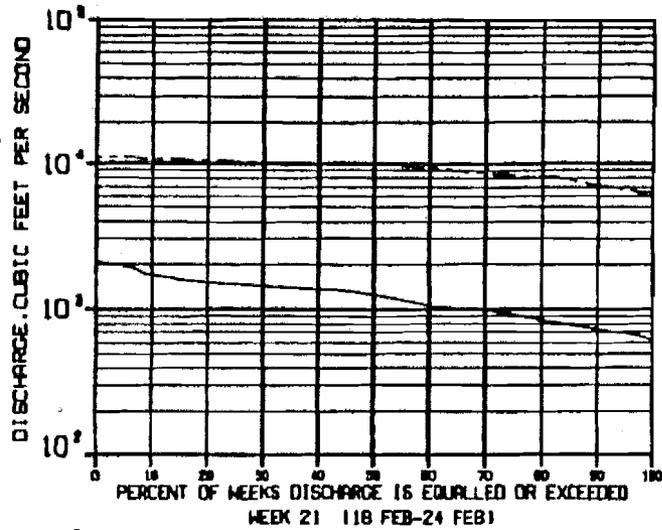


NOTE: FLOW PERIOD WATER YEAR 1961-1989  
 HARZA-EBASCO BUSITNA JOINT VENTURE JAN 86

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 9  
 SHEET 6 OF 13



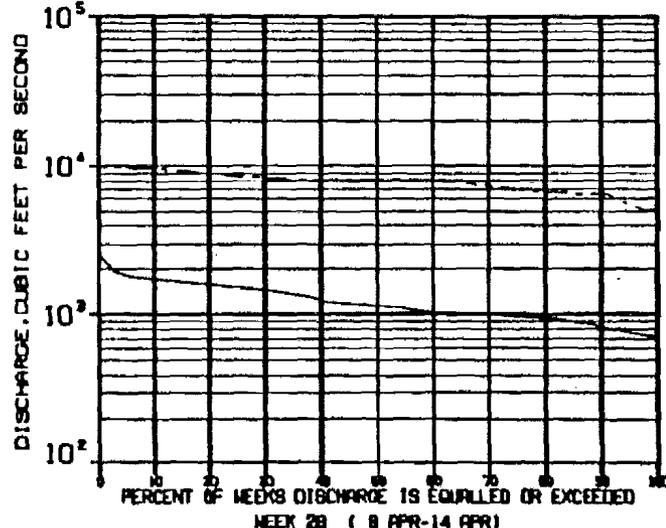
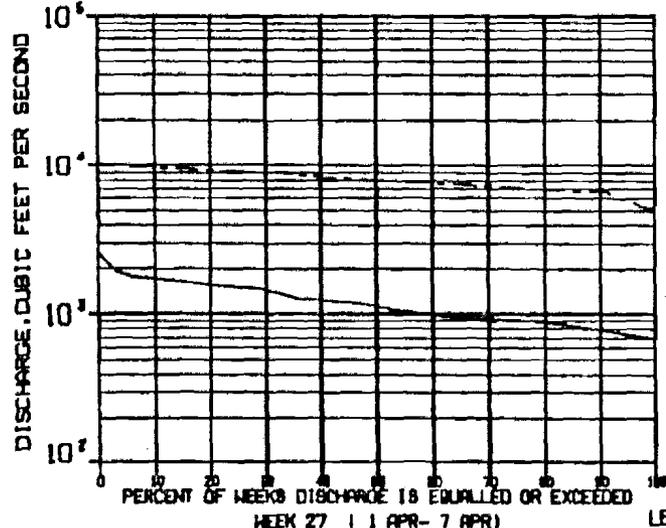
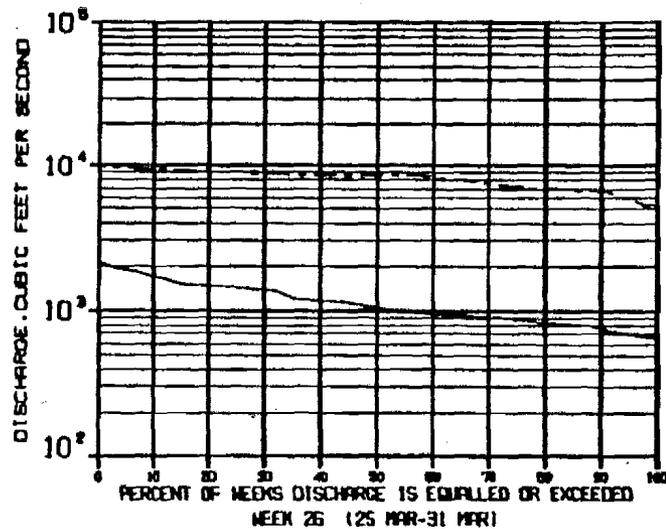
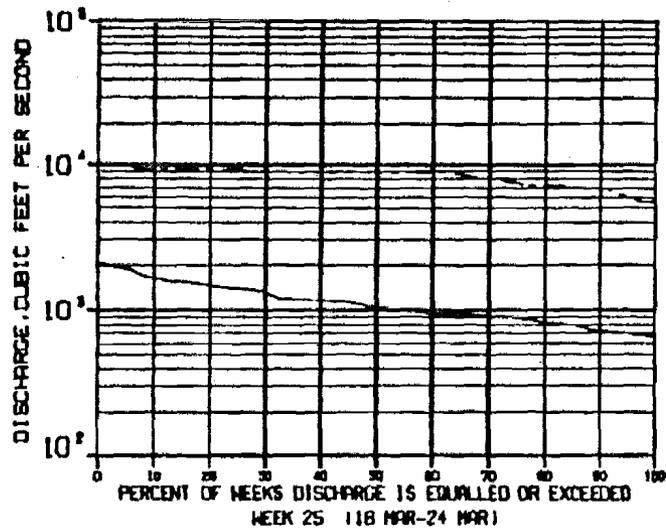
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

LEGEND  
 ——— NATURAL  
 - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 9  
 SHEET 6 OF 13



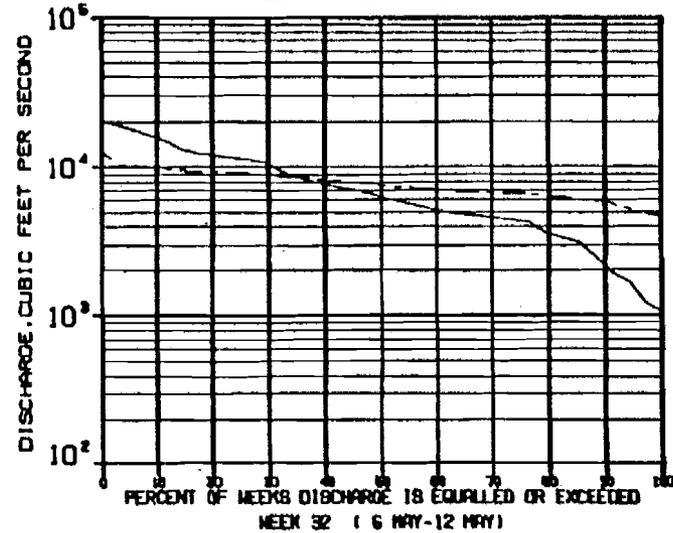
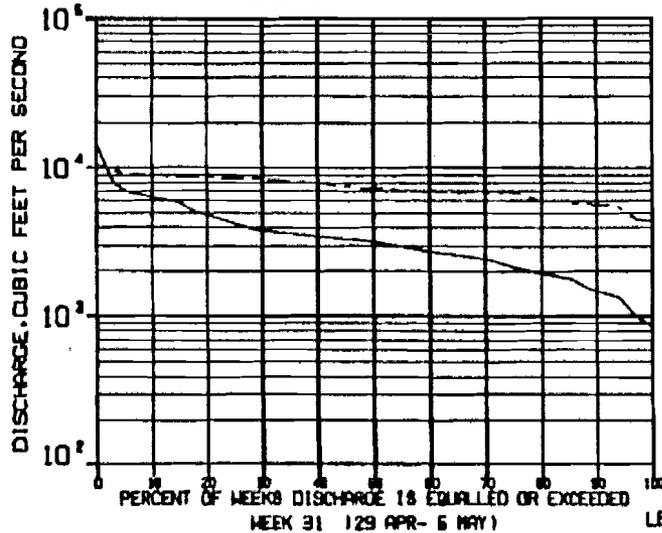
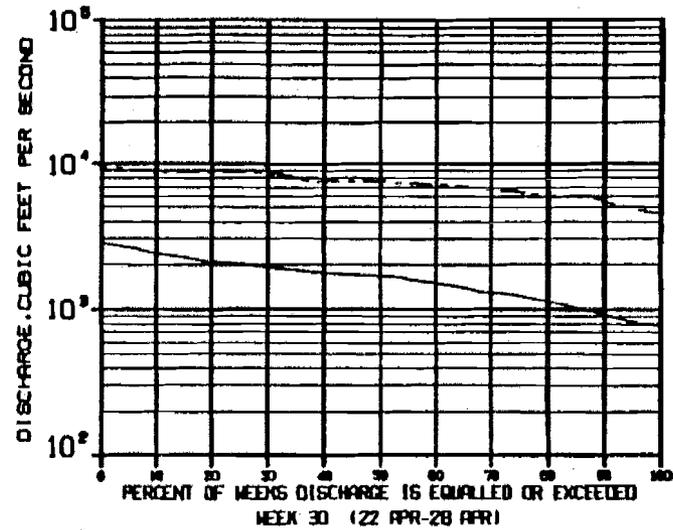
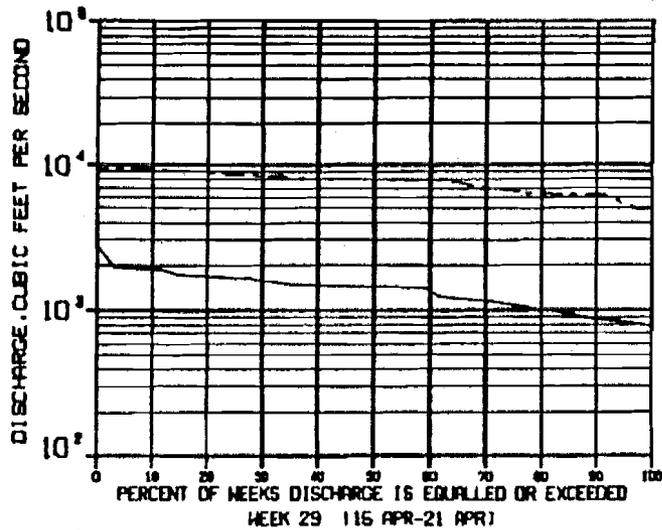
LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH PROJECT  
 CASE E-VI TARGET FLOW  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 85

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

EXHIBIT 9  
 SHEET 7 OF 13

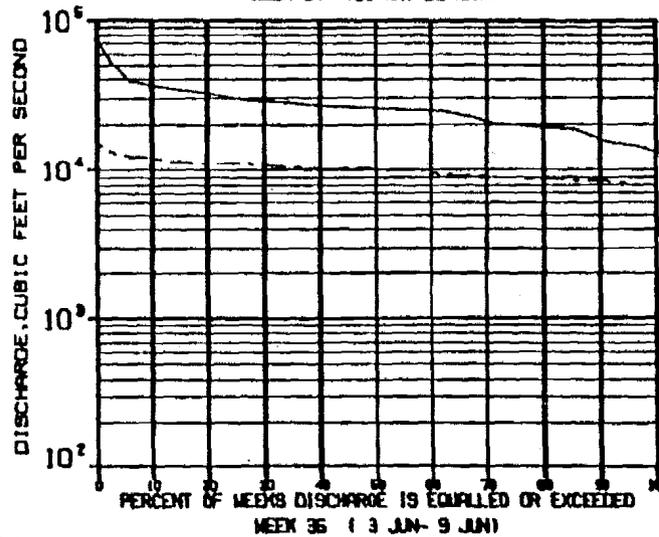
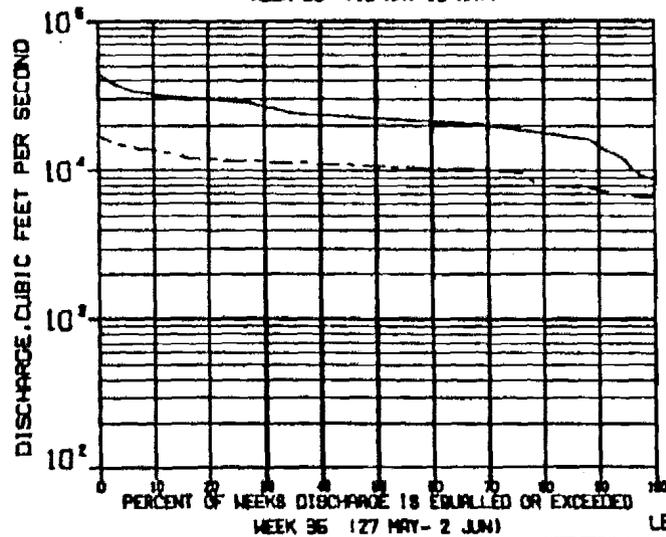
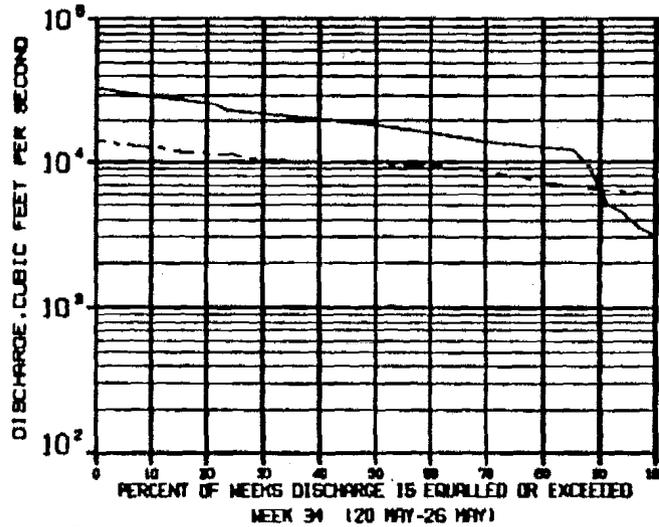
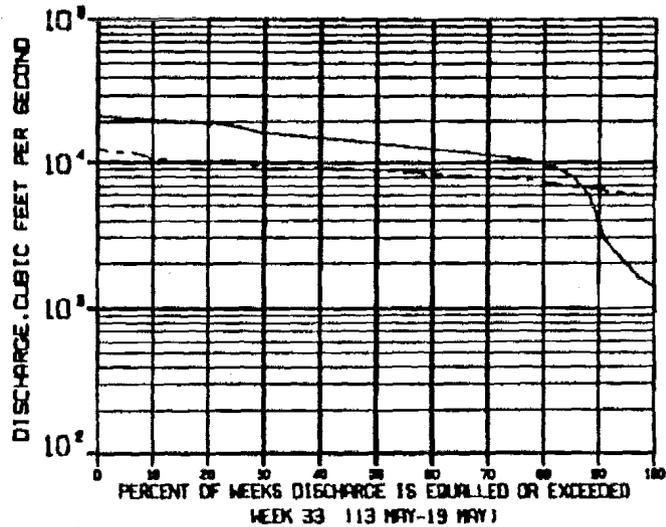


NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBRACO SUSITNA JOINT VENTURE JAN 86

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

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



NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUGITNA JOINT VENTURE JAN 66

LEGEND

———— NATURAL  
 - - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 9  
 SHEET 9 OF 19

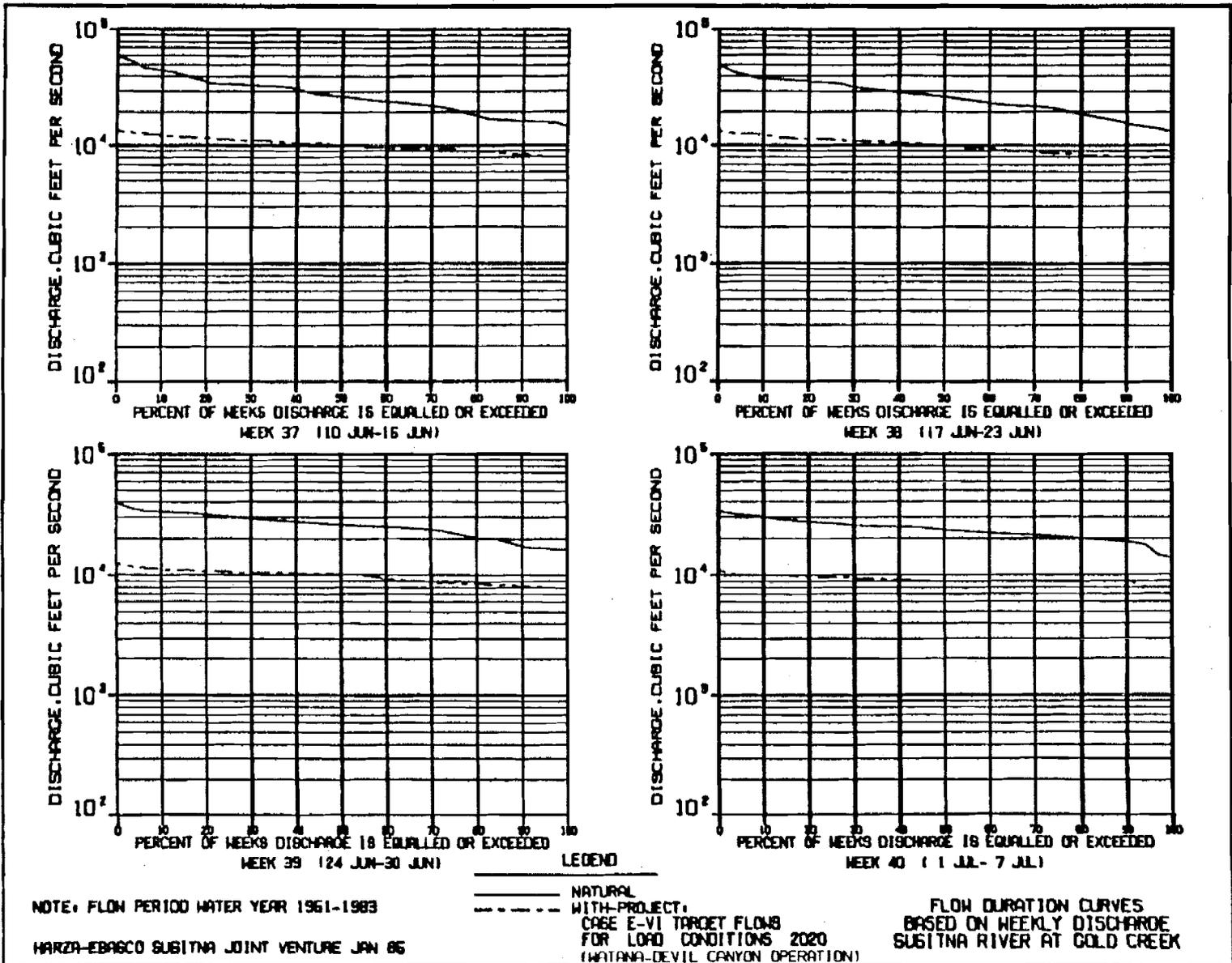
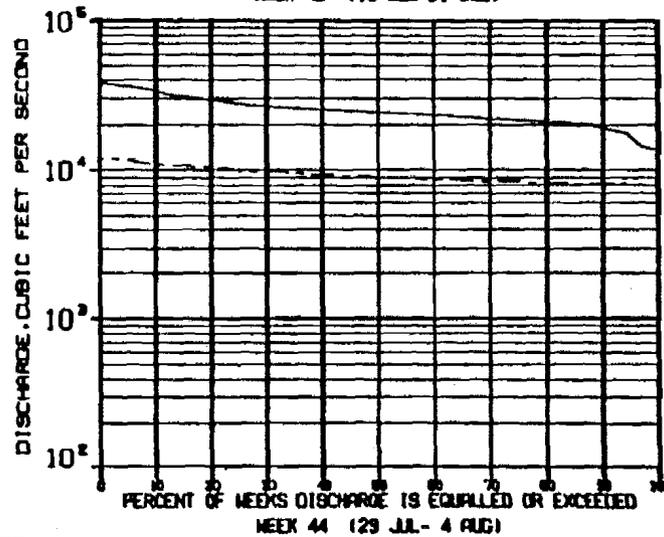
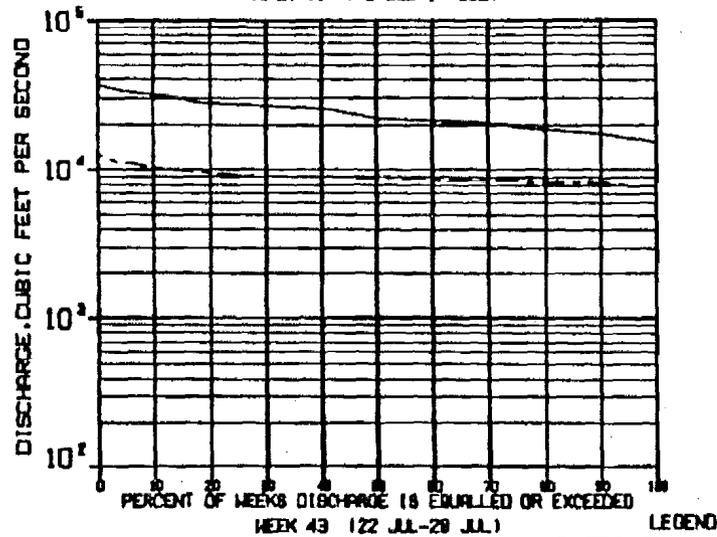
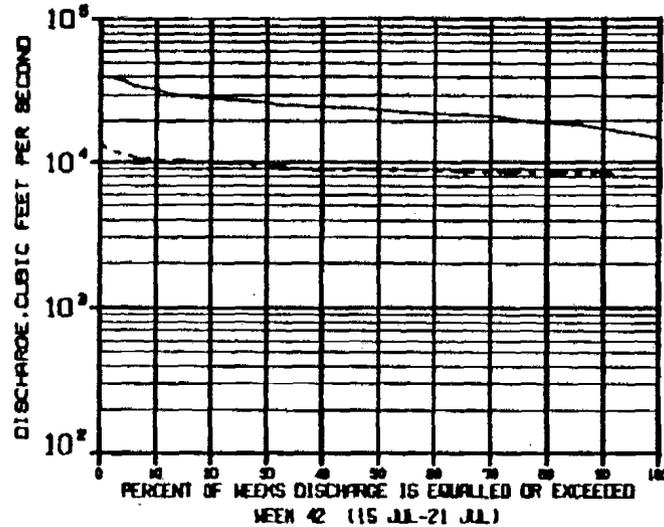
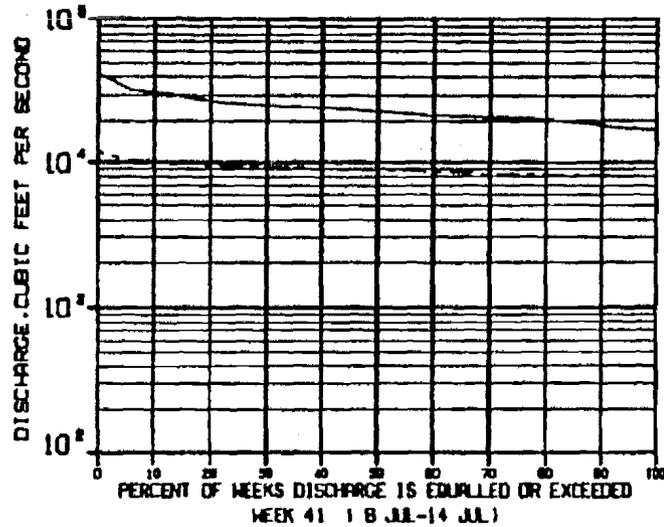


EXHIBIT 9  
SHEET 10 OF 19



LEGEND

———— NATURAL

----- WITH-PROJECT

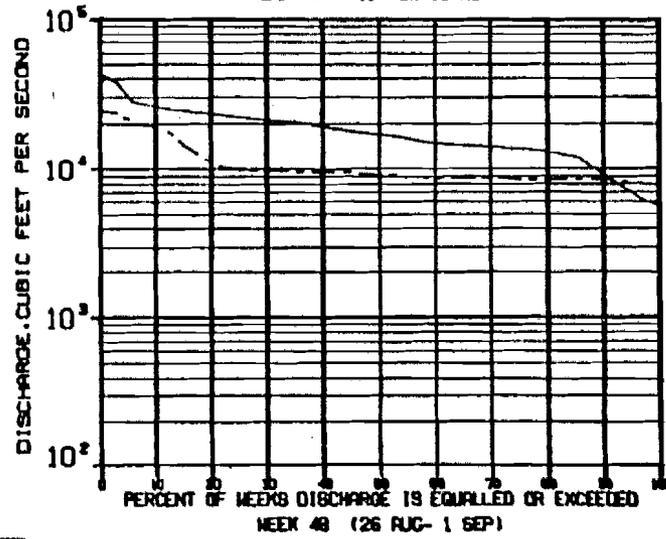
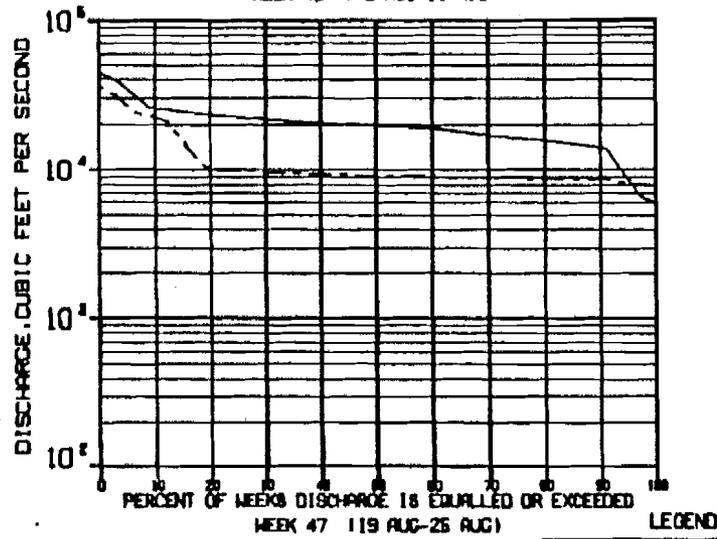
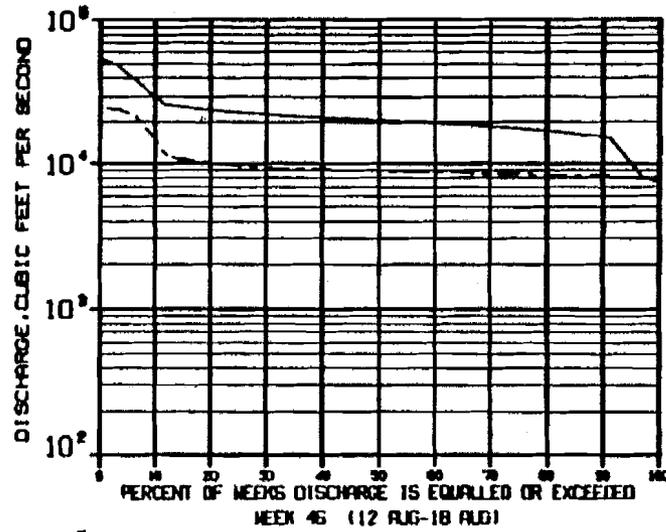
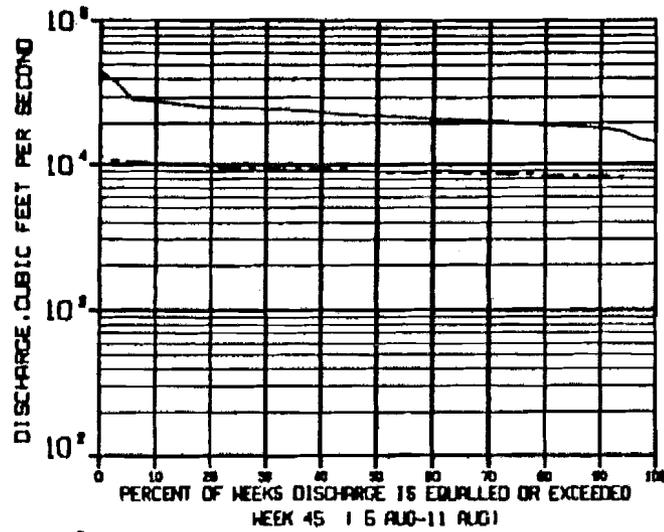
CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(MATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-ERBACO SUSITNA JOINT VENTURE JAN 65

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

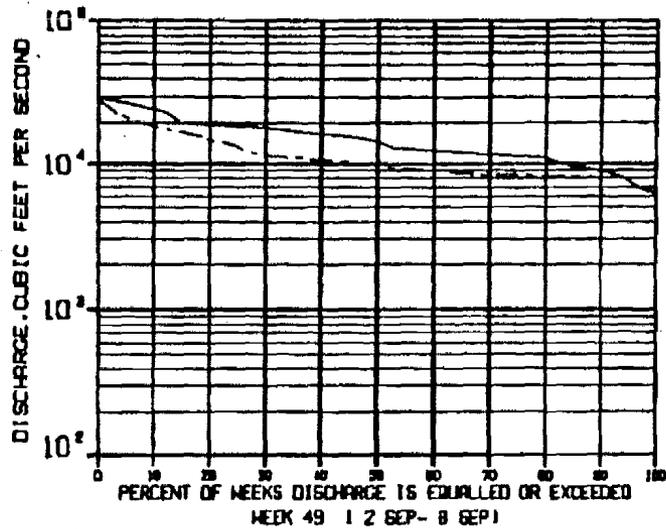
SHEET 11 OF 19  
EXHIBIT 9



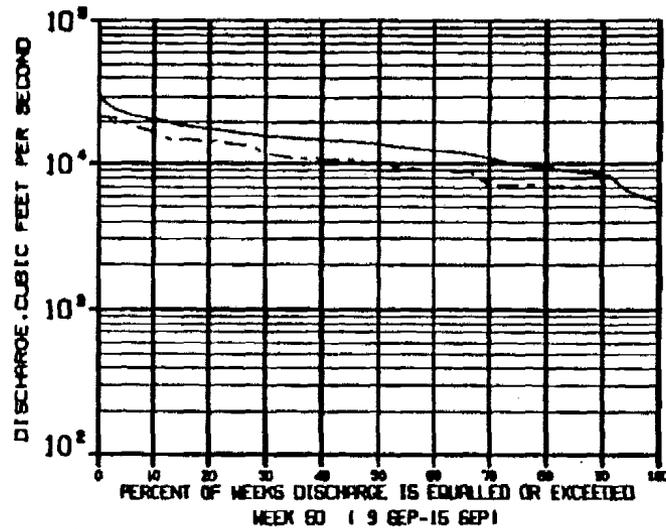
NOTE: FLOW PERIOD WATER YEAR 1961-1962  
 HARZA-EBAGCO SUBITNA JOINT VENTURE JAN 65

LEGEND  
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 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (HATANA-DEVIL CANYON OPERATION)

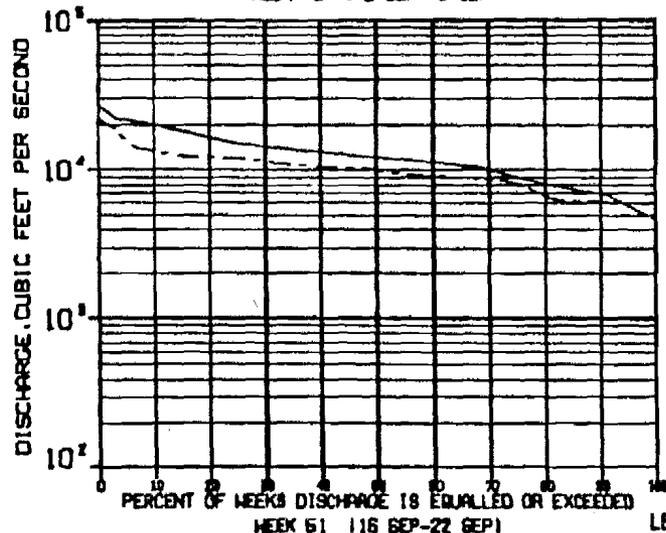
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUBITNA RIVER AT GOLD CREEK



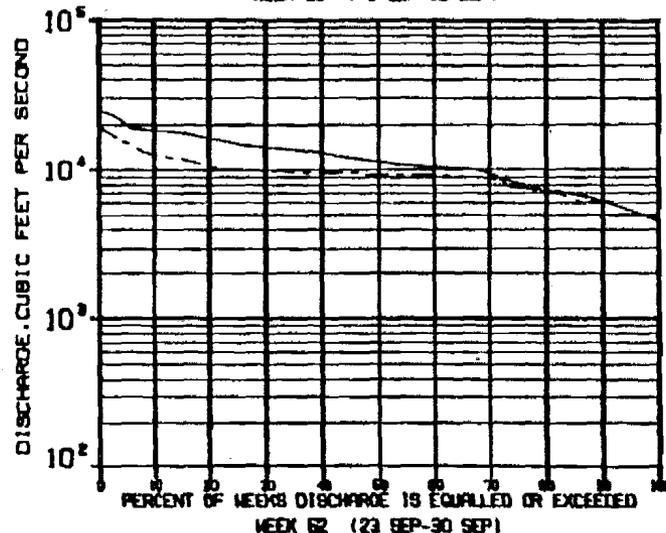
WEEK 49 (12 SEP - 8 SEP)



WEEK 60 (9 SEP - 15 SEP)



WEEK 61 (16 SEP - 22 SEP)



WEEK 62 (23 SEP - 30 SEP)

LEGEND

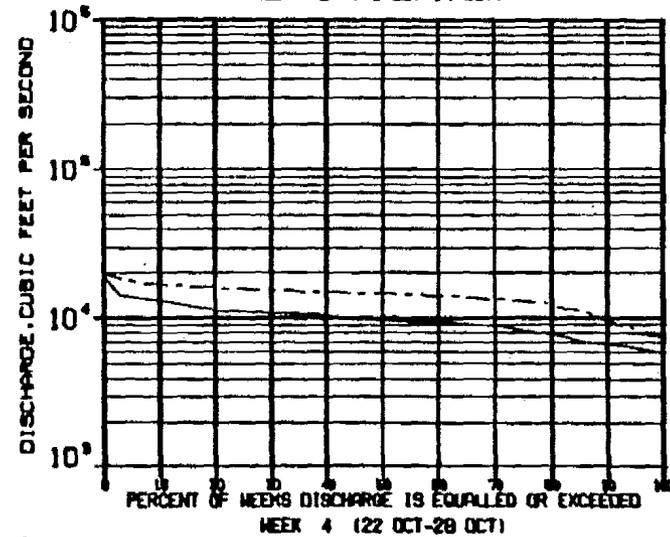
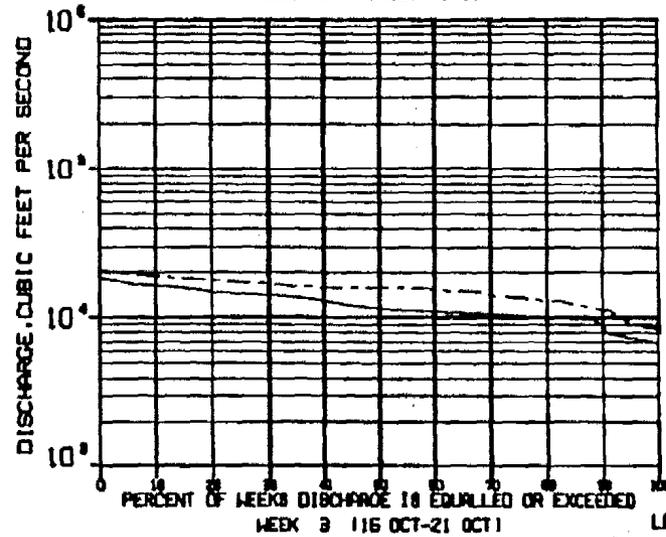
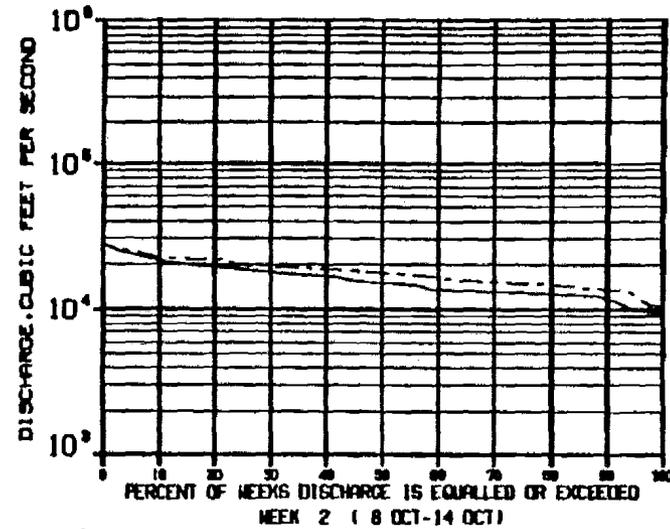
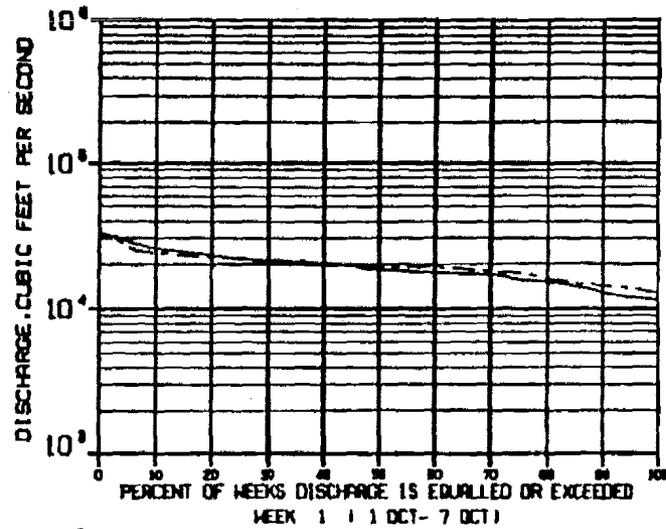
——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOW CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EDBSCO SUSITNA JOINT VENTURE JAN 66

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

SHEET 19 OF 19  
 EXHIBIT 9

**EXHIBIT 10**



LEGEND

—— NATURAL  
 - - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

EXHIBIT 10  
 SHEET 1 OF 19

EXHIBIT 10  
SHEET 2 OF 19

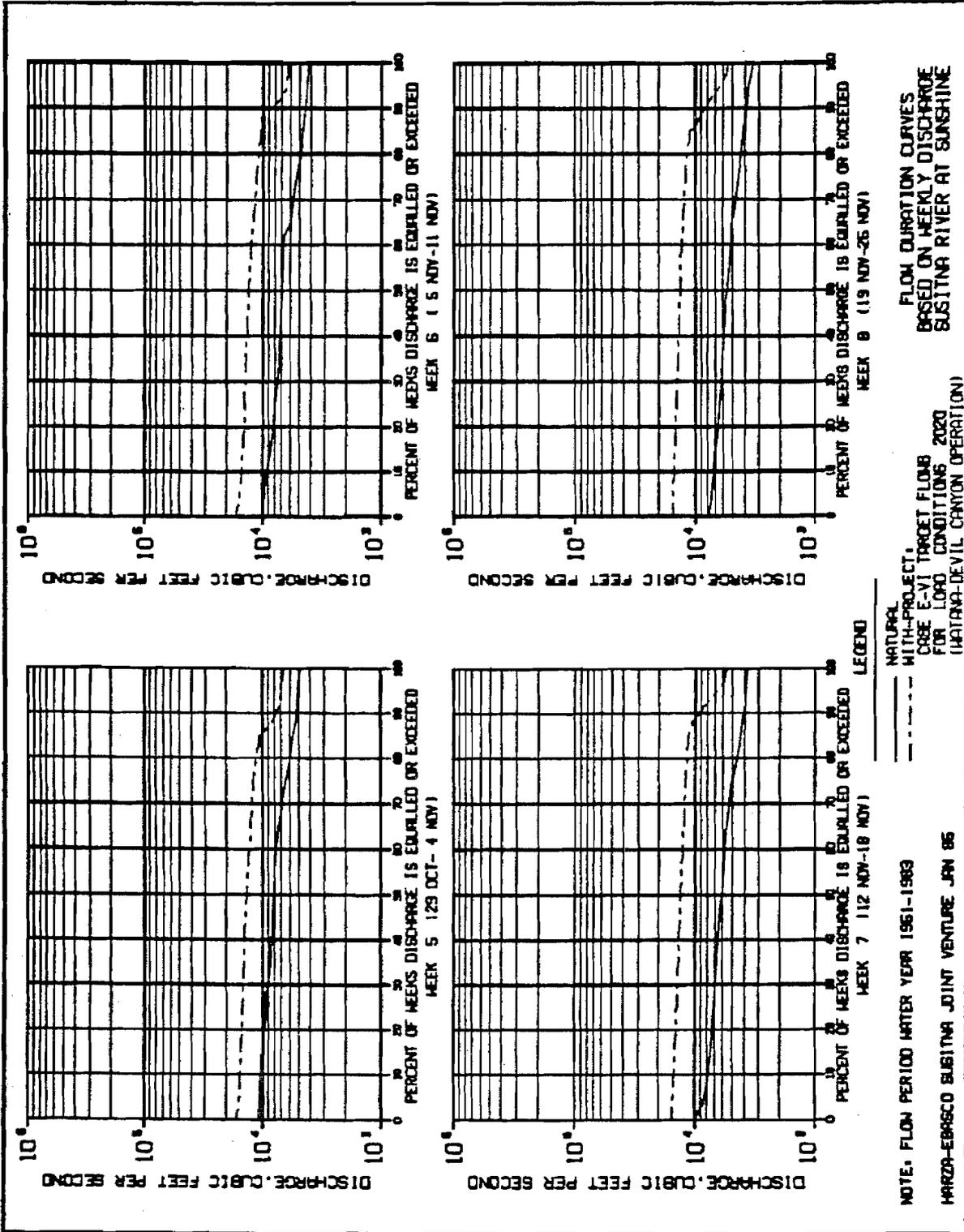


EXHIBIT 10  
SHEET 9 OF 13

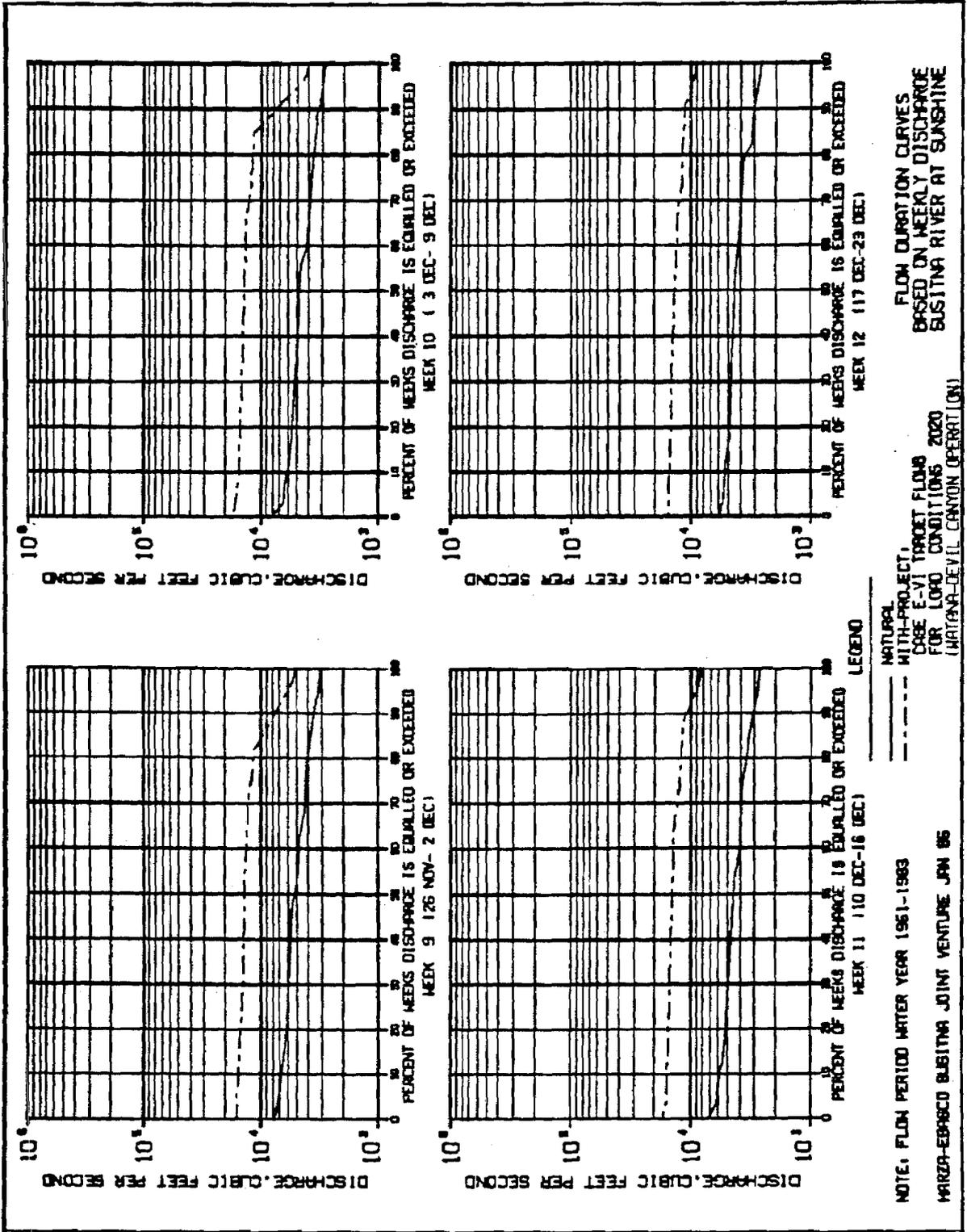
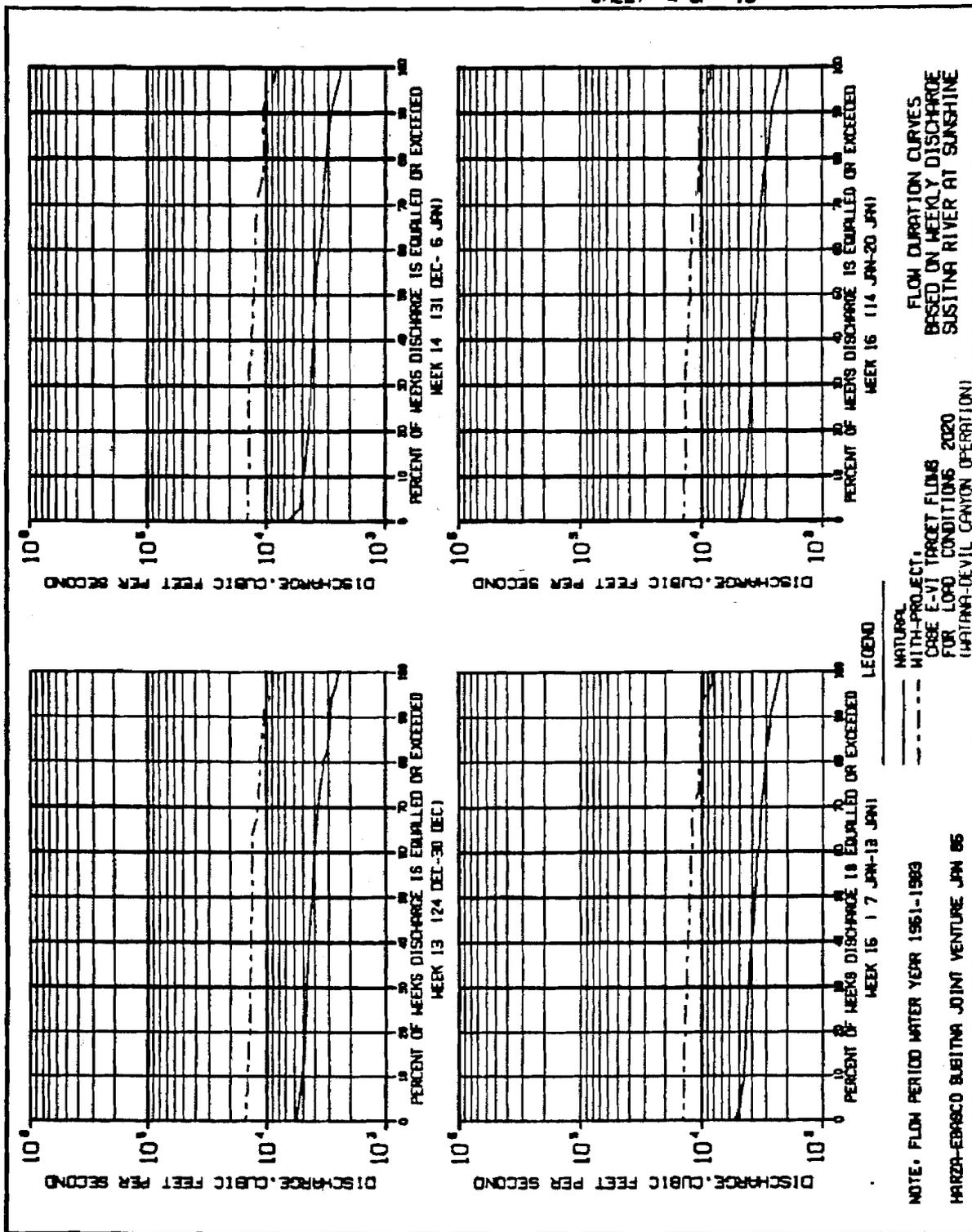
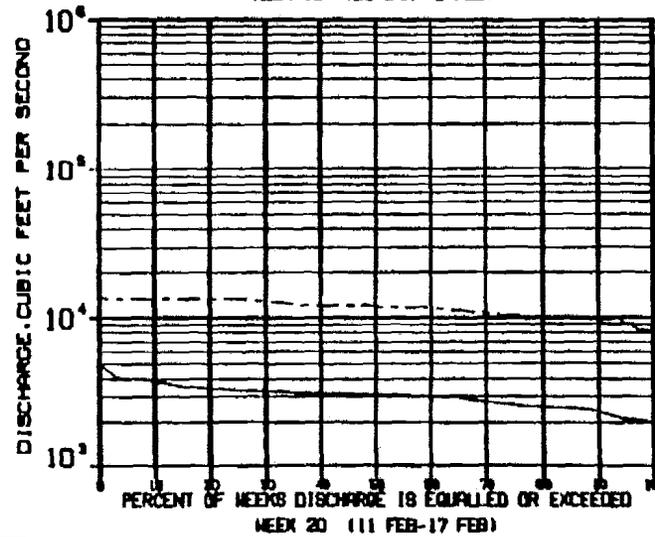
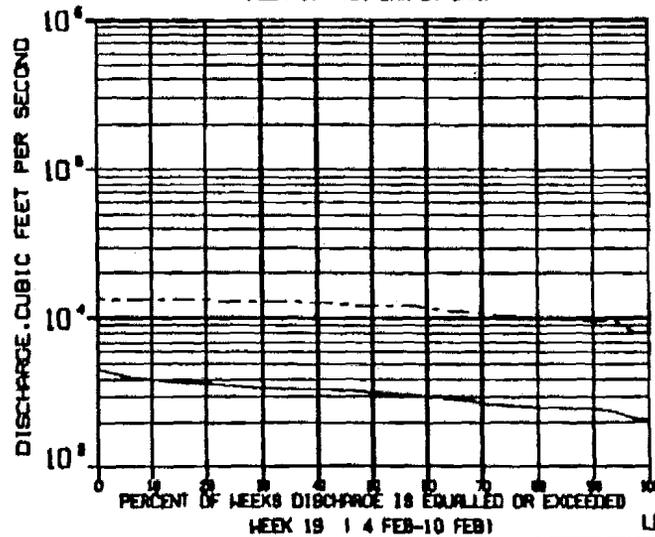
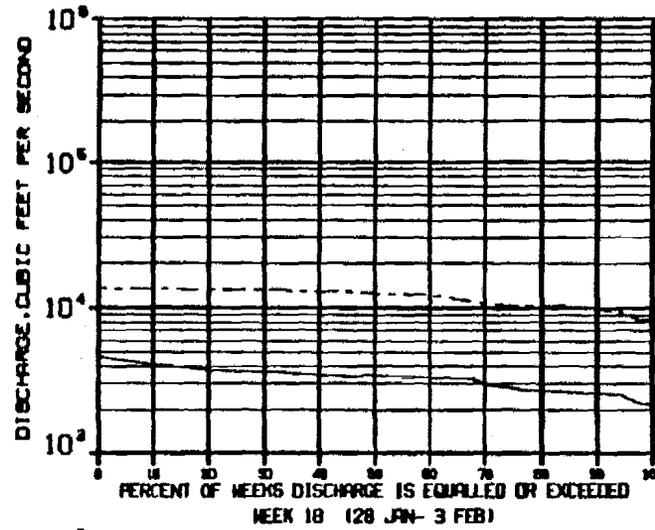
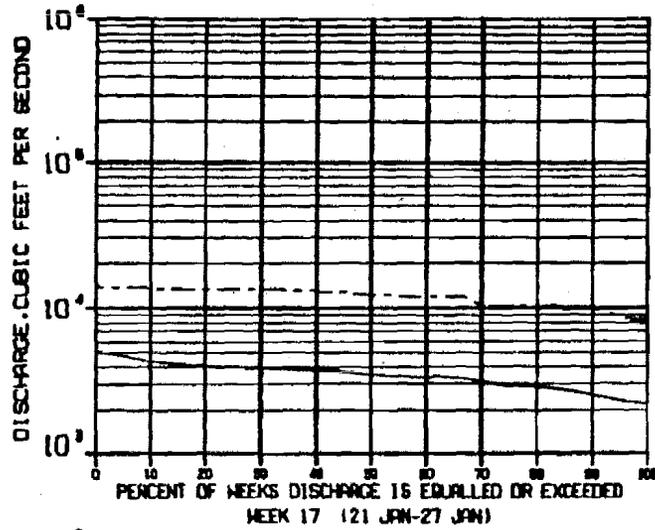


EXHIBIT 10  
SHEET 4 OF 13





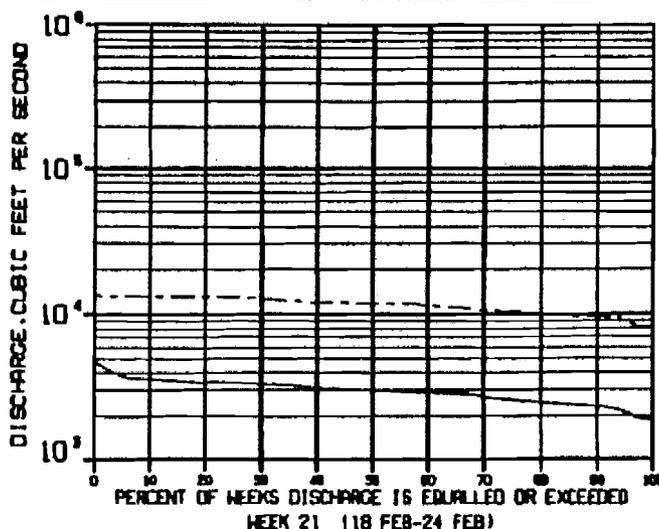
LEGEND

——— NATURAL  
 - - - - WITH-PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

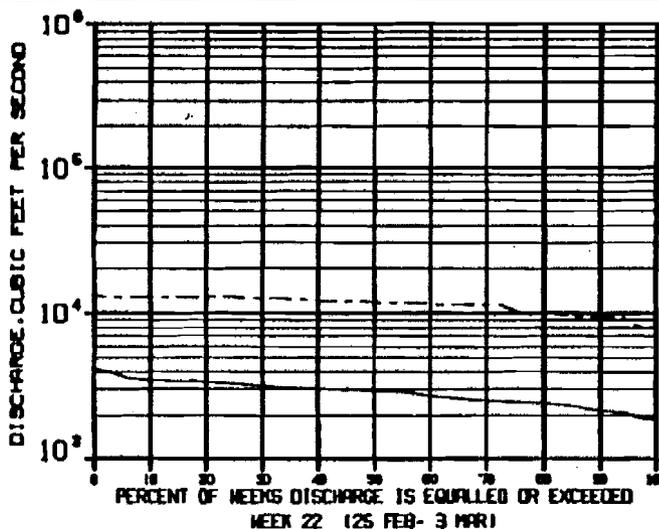
NOTE: FLOW PERIOD WATER YEAR 1961-1993

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 85

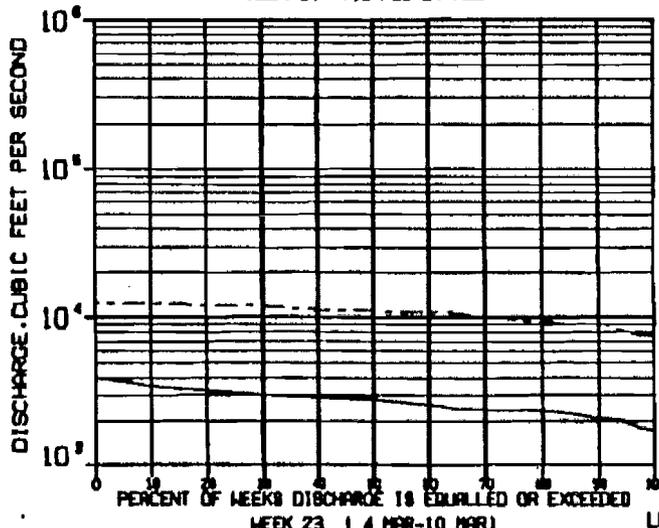
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE



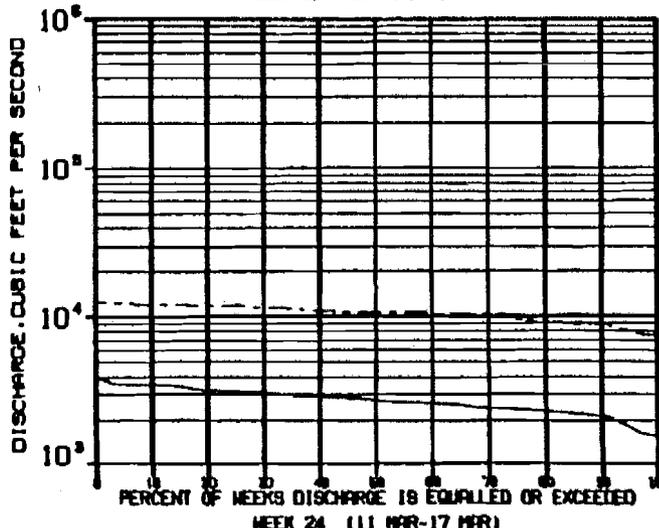
WEEK 21 (118 FEB-24 FEB)



WEEK 22 (125 FEB-3 MAR)



WEEK 23 (1-4 MAR-10 MAR)



WEEK 24 (11 MAR-17 MAR)

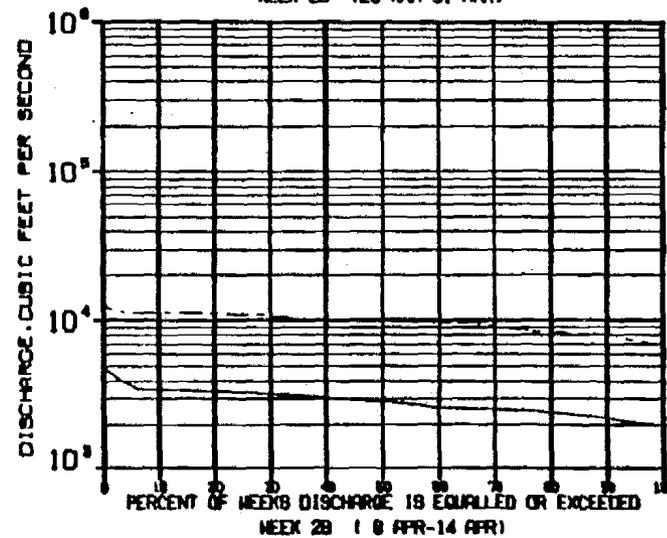
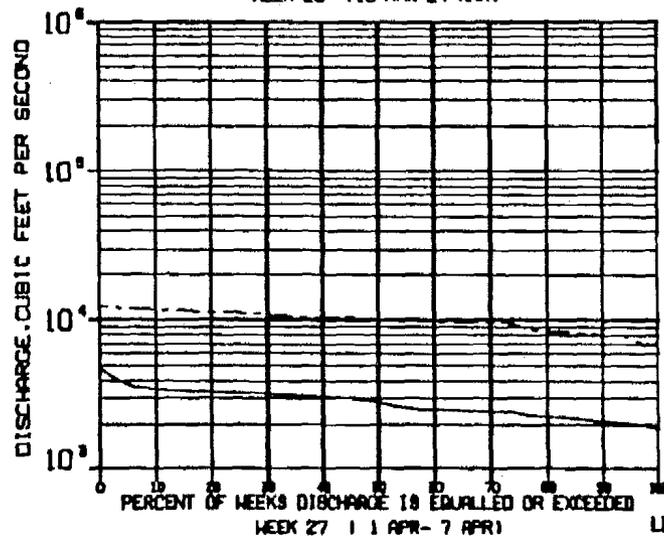
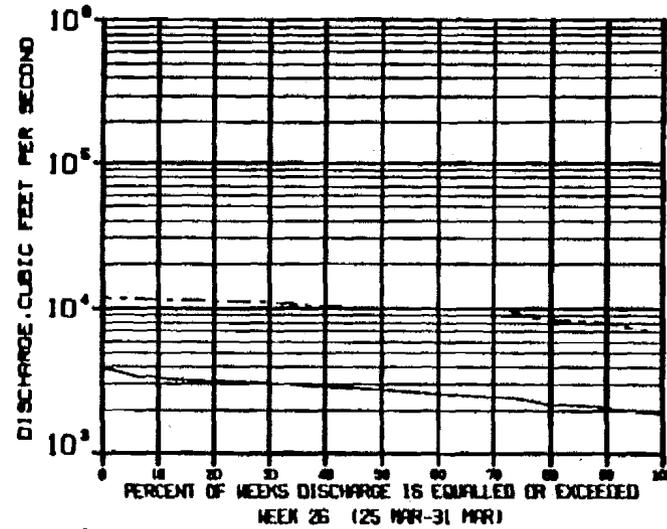
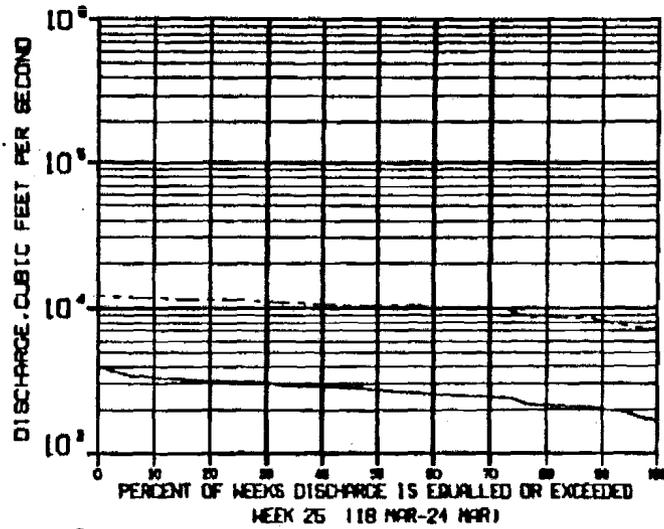
LEGEND

——— NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (HATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBRSCO BUSITNA JOINT VENTURE JAN 86

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 BUSITNA RIVER AT SUNSHINE

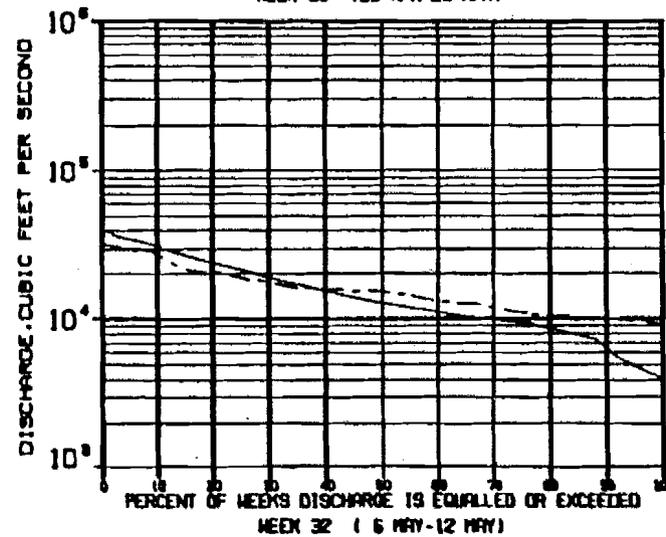
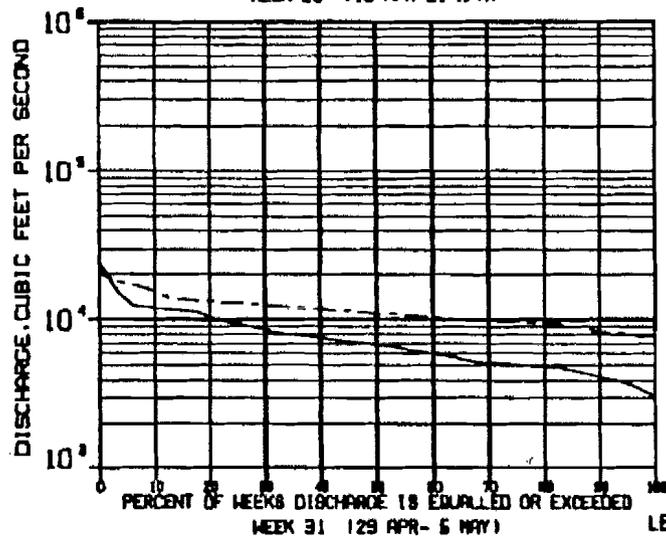
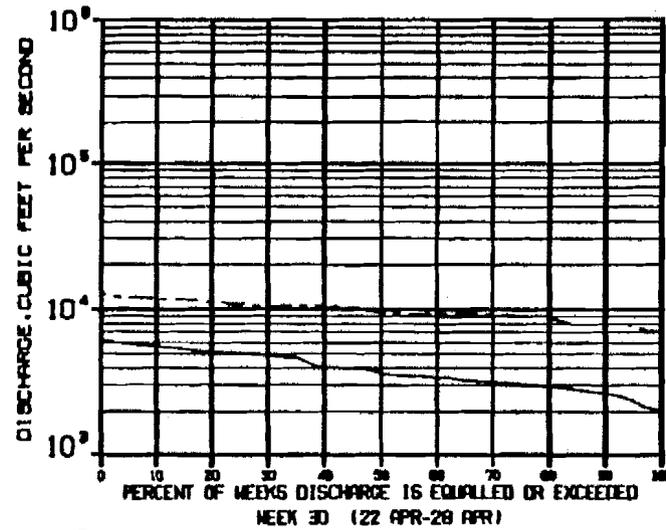
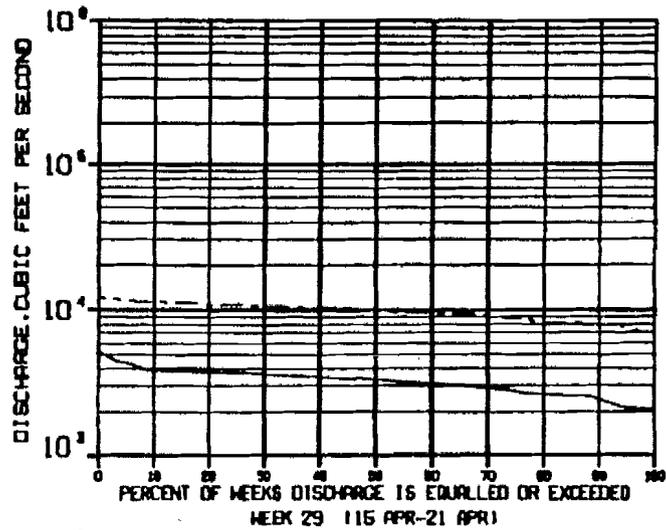


LEGEND

\_\_\_\_\_ NATURAL  
 - - - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO BUSITNA JOINT VENTURE JAN 85

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 BUSITNA RIVER AT SUNSHINE



LEGEND

— NATURAL  
 - - - WITH PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBRACO BUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

EXHIBIT 10  
SHEET 8 OF 13

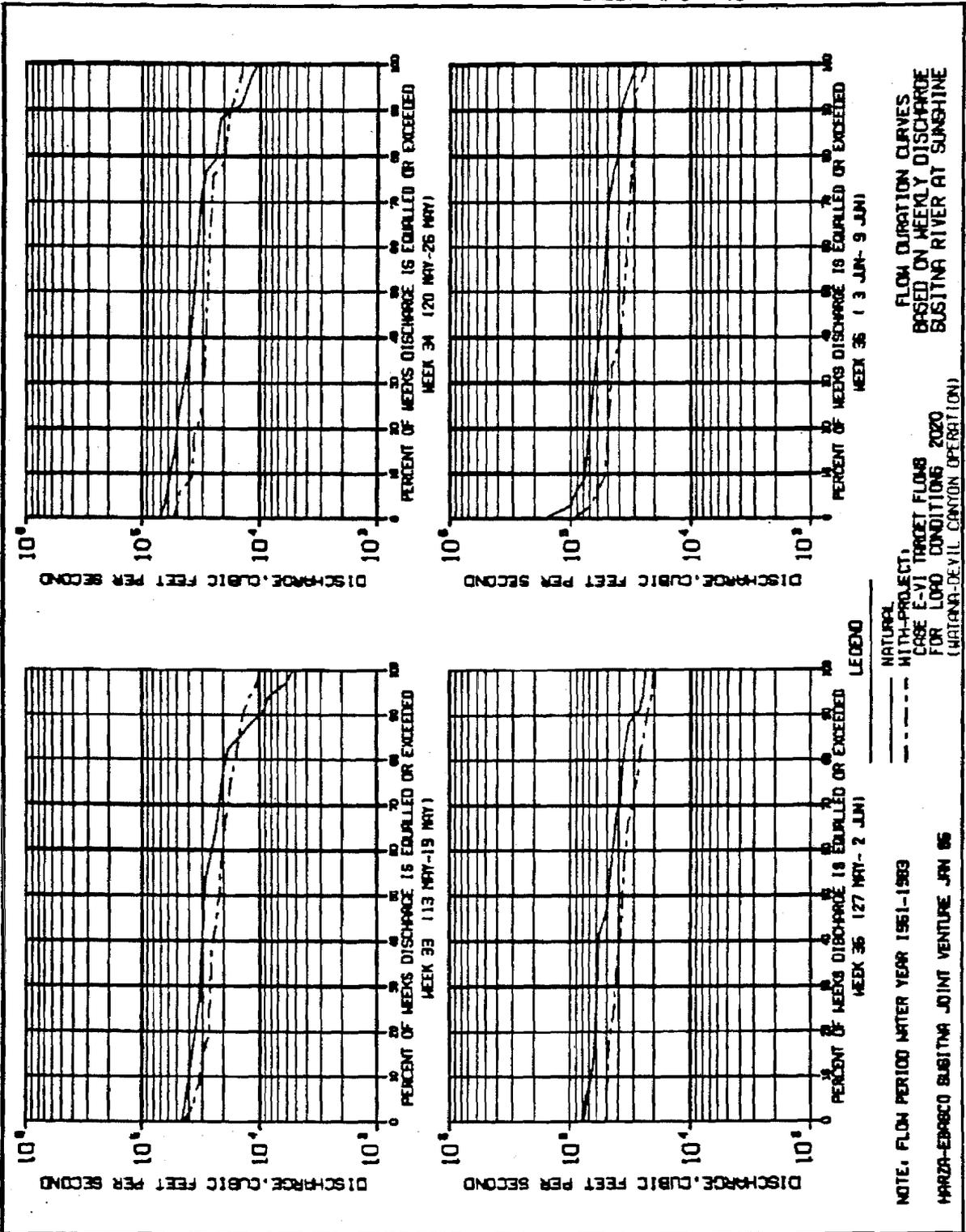
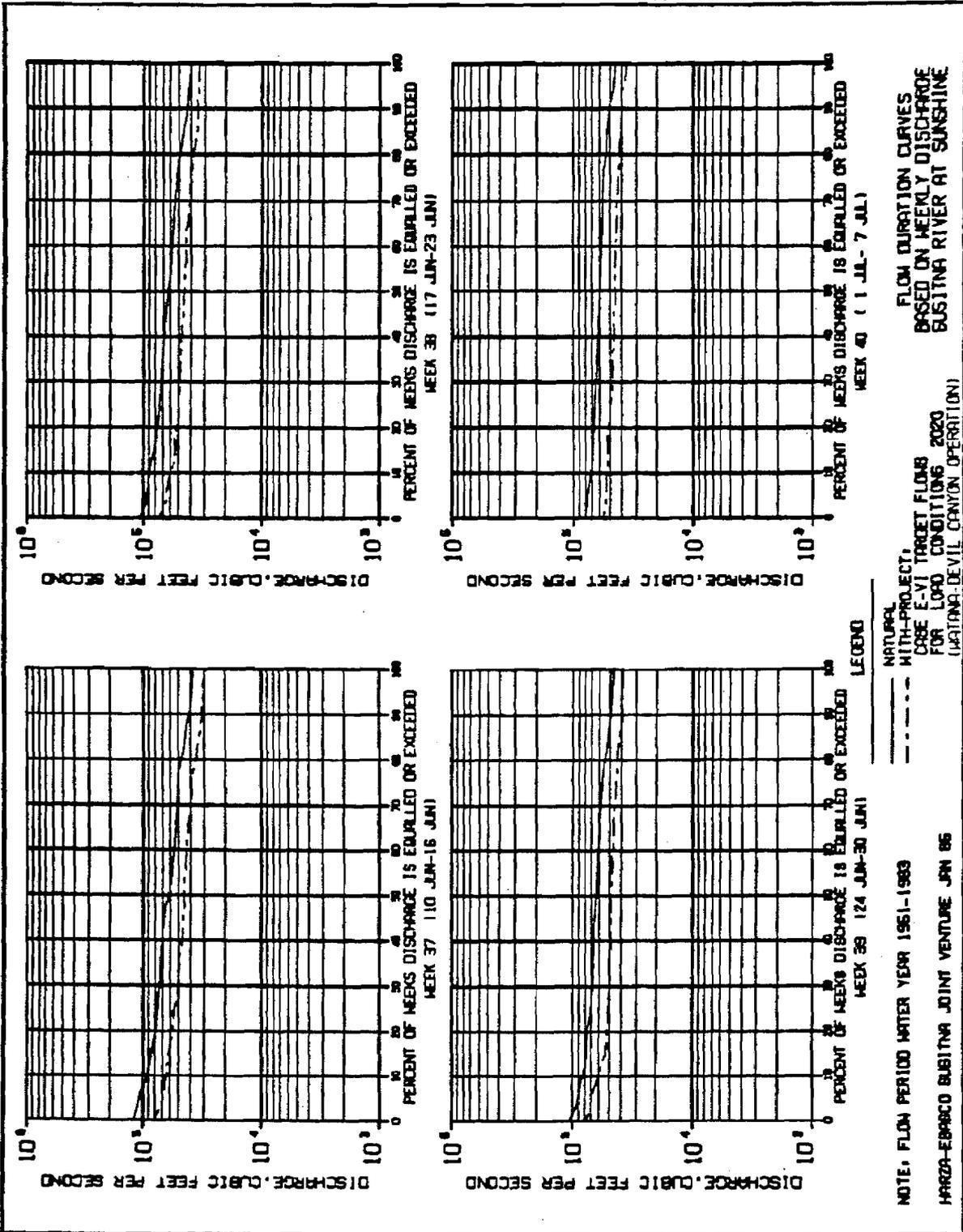
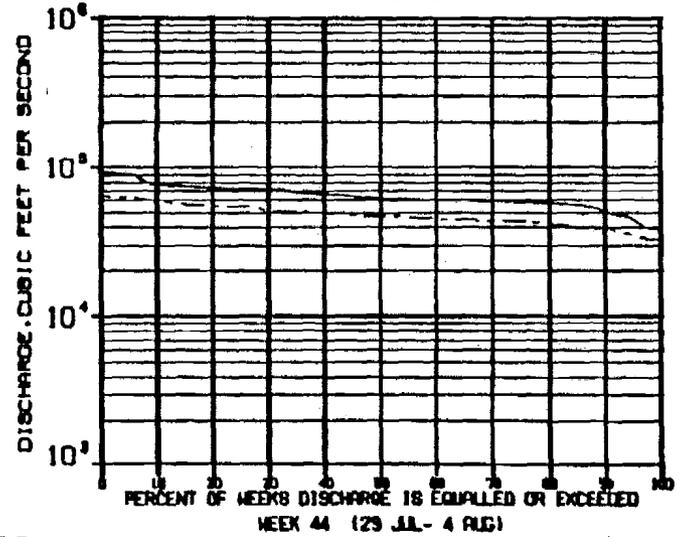
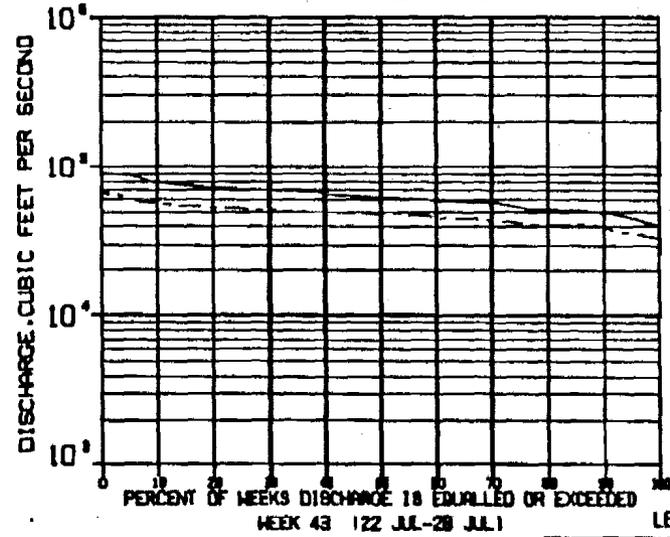
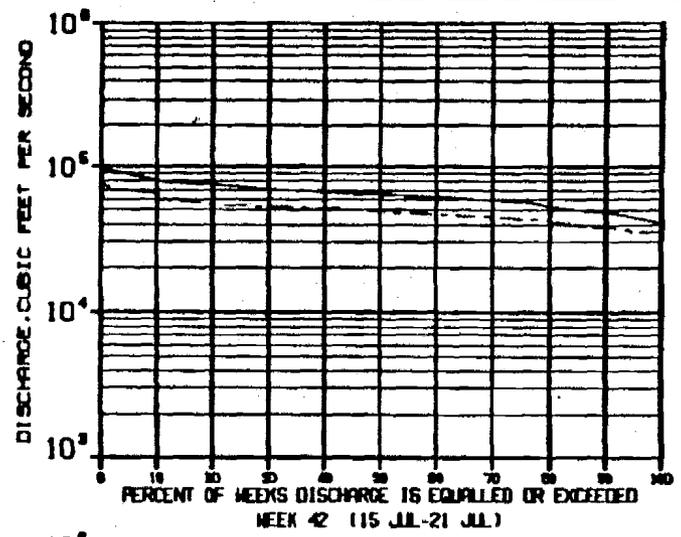
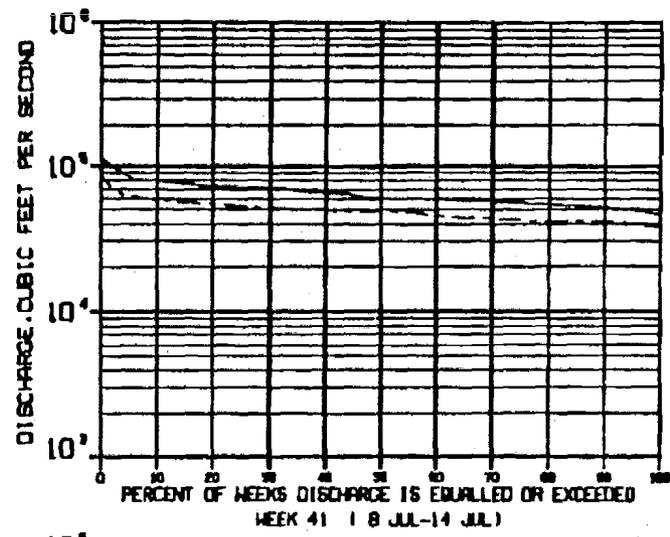


EXHIBIT 10  
SHEET 10 OF 13



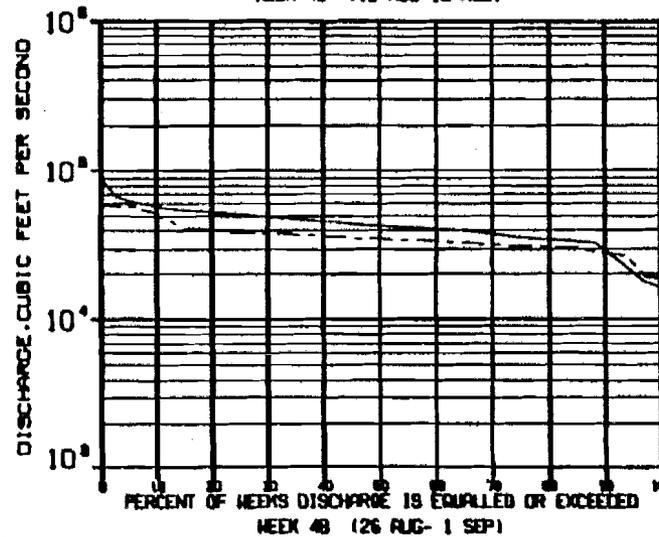
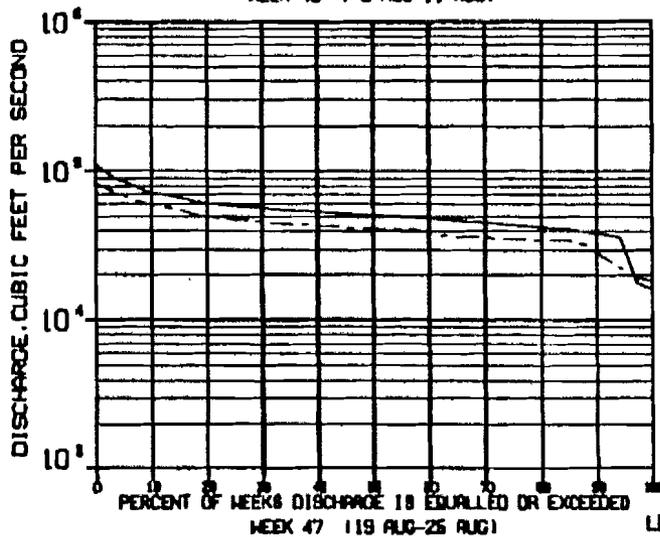
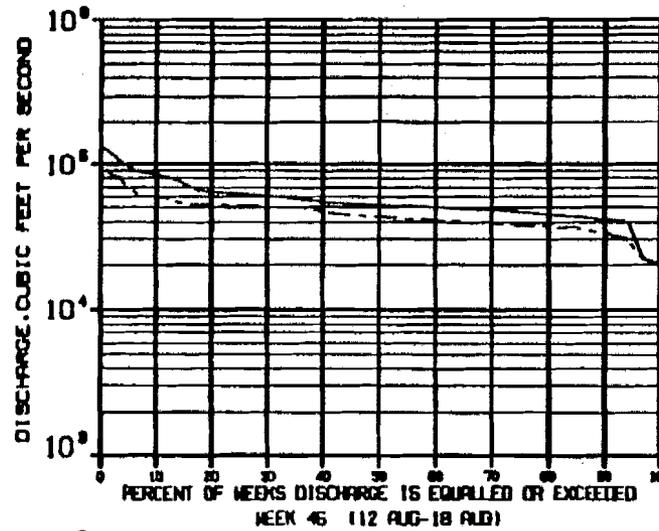
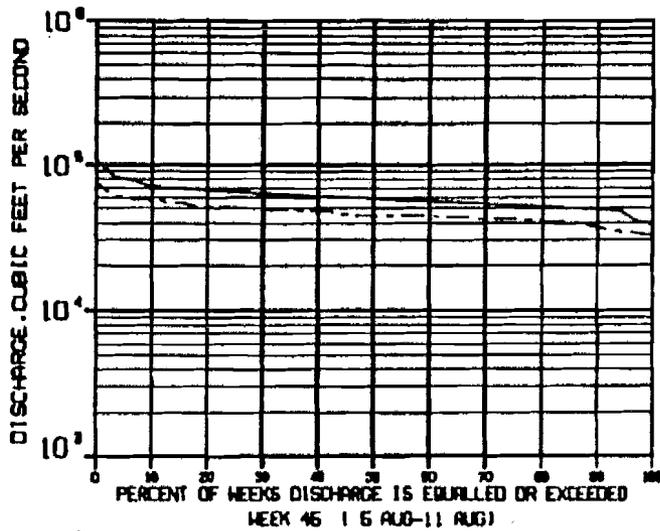


NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUGITNA JOINT VENTURE JAN 65

LEGEND  
 — NATURAL  
 - - - WITH-PROJECT  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERAT(ON))

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUGITNA RIVER AT SUNSHINE

EXHIBIT 10  
 SHEET 11 OF 19

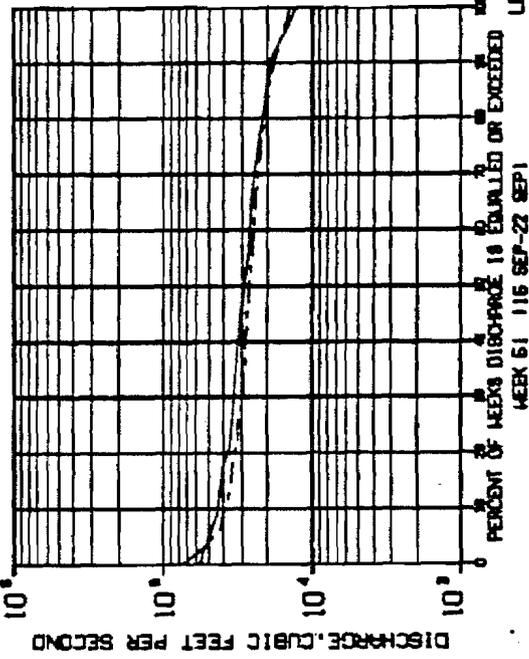
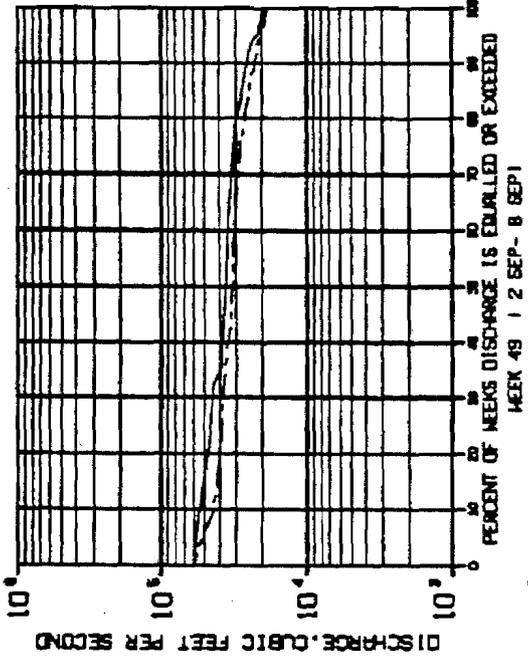
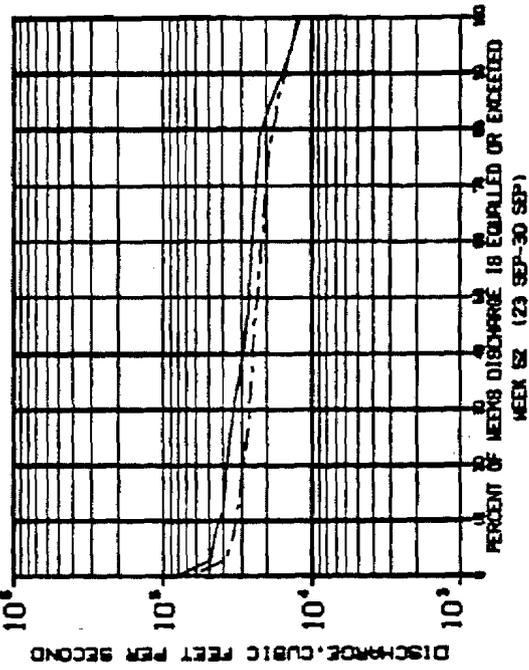
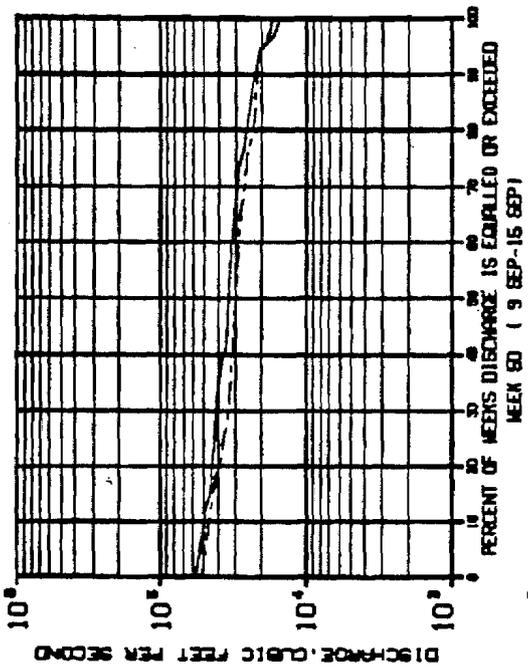


NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EDBACO SUBITNA JOINT VENTURE JAN 66

LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 SUSITNA RIVER AT SUNSHINE

EXHIBIT 10  
SHEET 18 OF 18



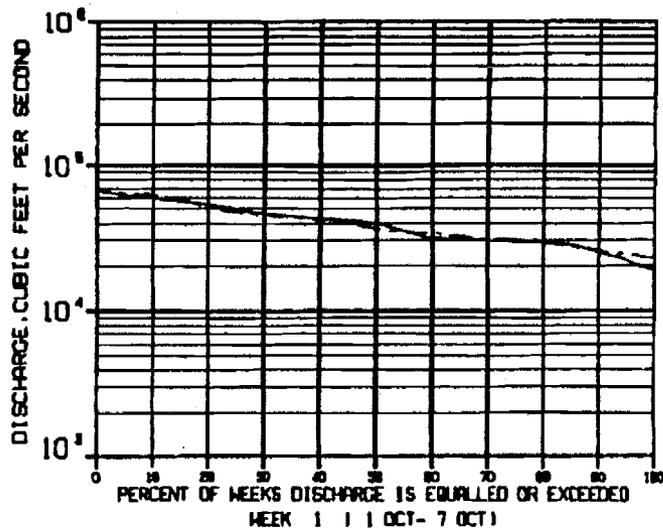
NOTE. FLOW PERIOD WATER YEAR 1961-1963  
HARZA-EBRACO SUGIYAMA JOINT VENTURE JAN 66

WITH-PROJECT,  
CASE E-VI TARGET FLOWS  
FOR LOPO CONDITIONS 2020  
(HAIYANG-DEVIL CANYON OPERATION)

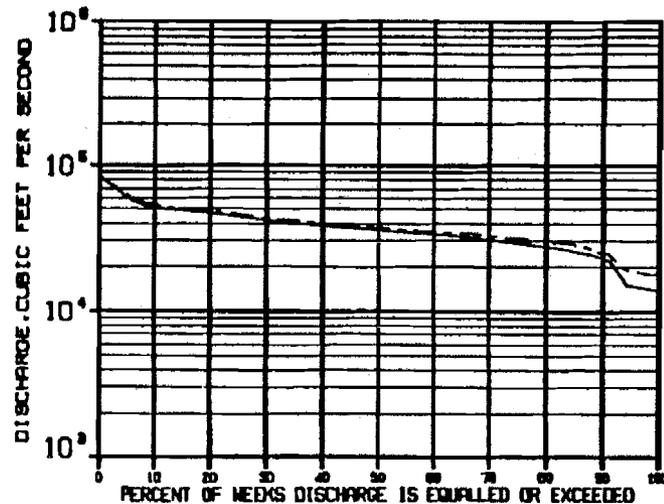
LEGEND  
--- NATURAL  
--- WITH-PROJECT

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
SUGIYAMA RIVER AT SUNSHINE

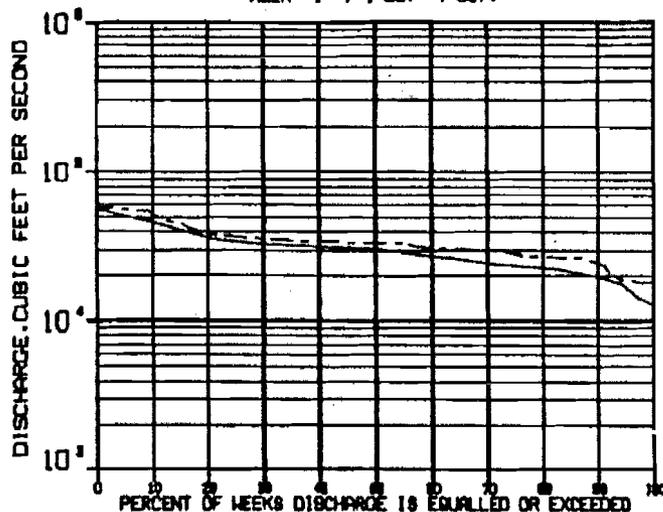
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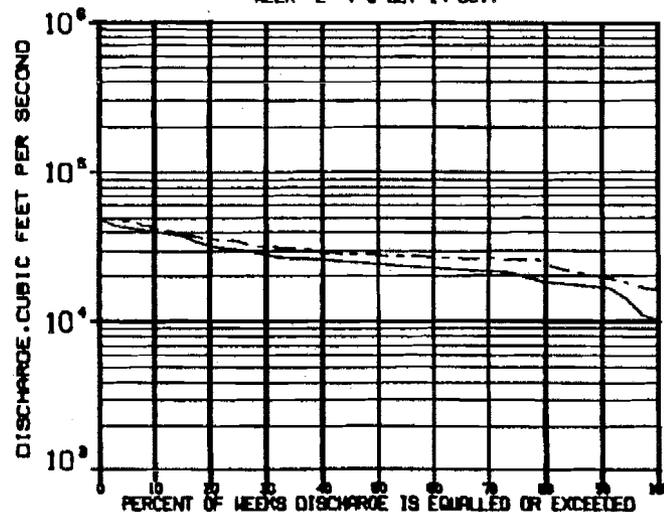
WEEK 1 (1 OCT- 7 OCT)



WEEK 2 (8 OCT-14 OCT)



WEEK 3 (15 OCT-21 OCT)



WEEK 4 (22 OCT-28 OCT)

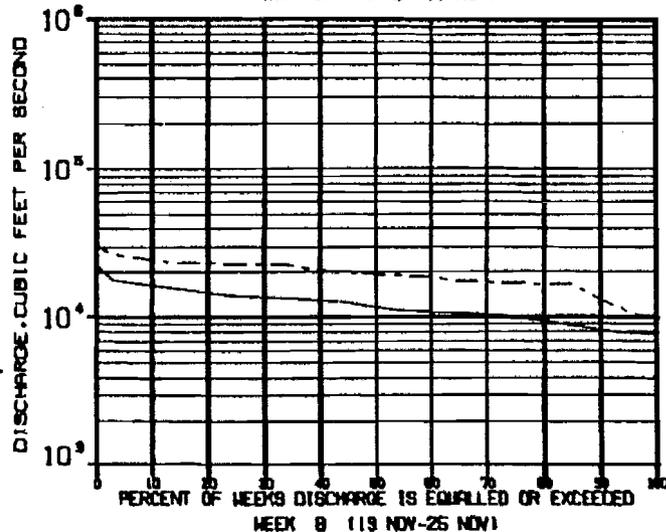
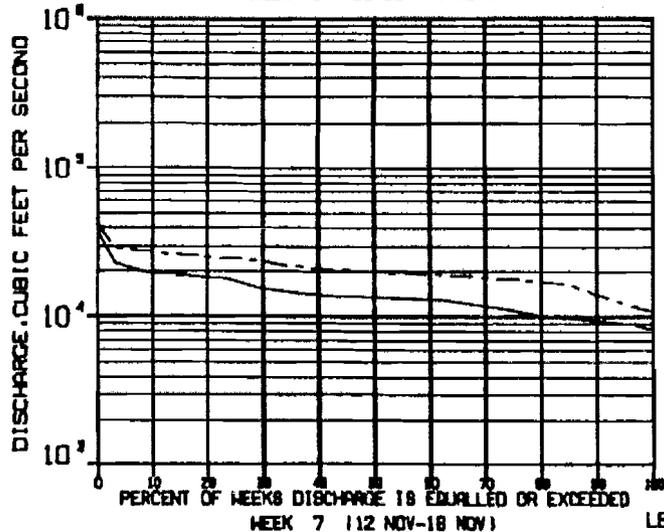
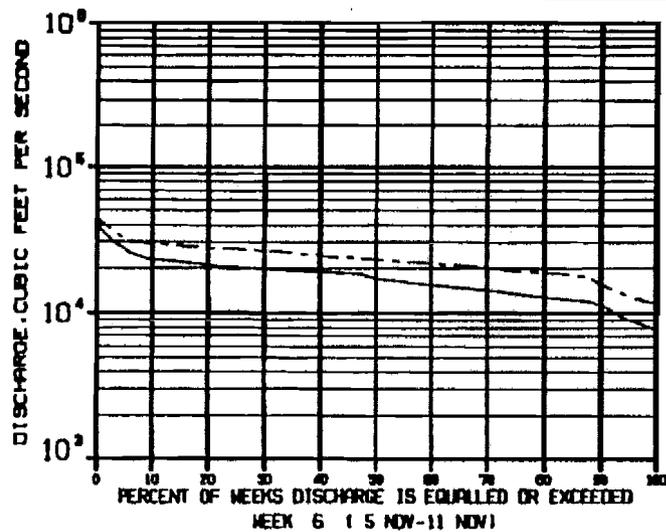
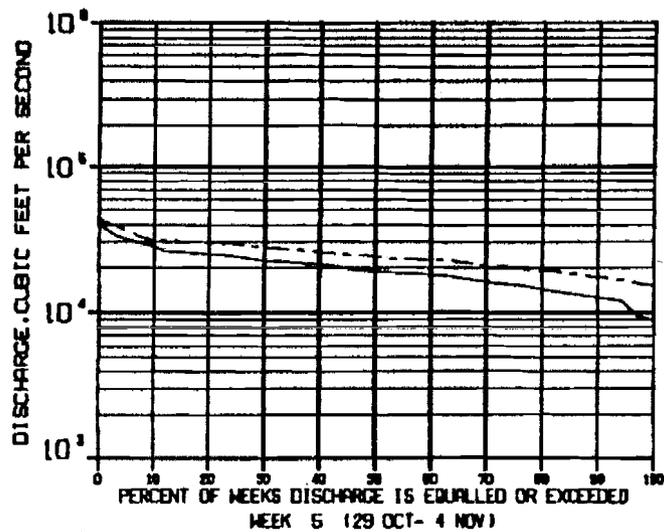
LEGEND

—— NATURAL  
 - - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

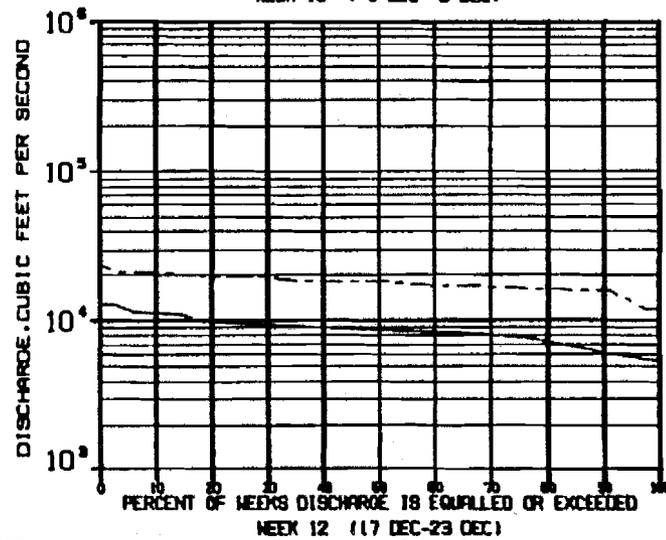
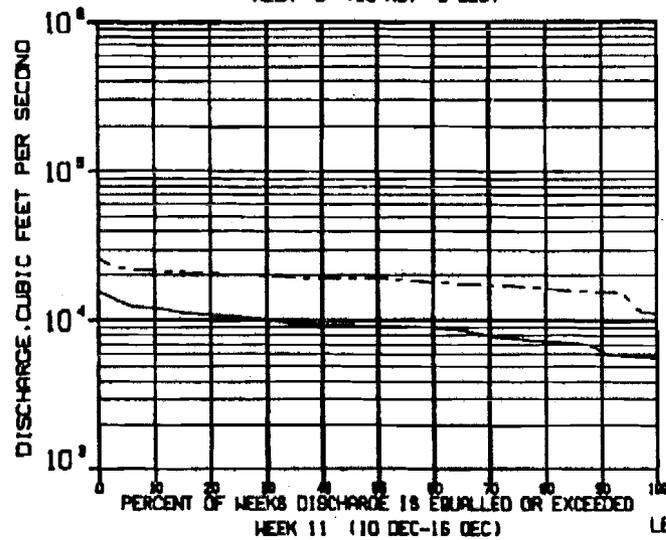
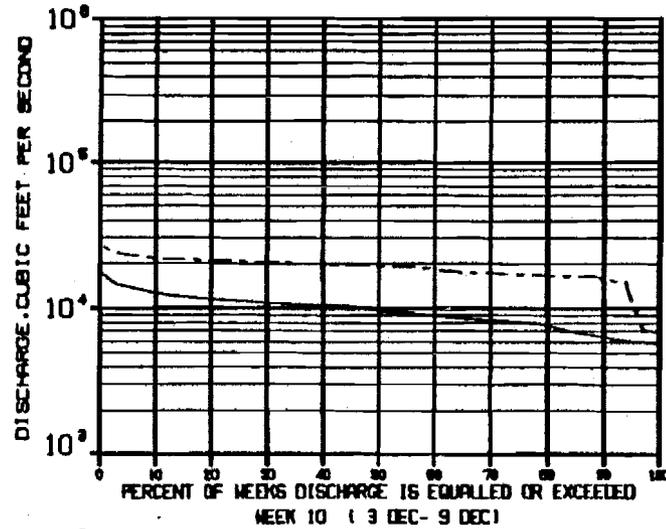
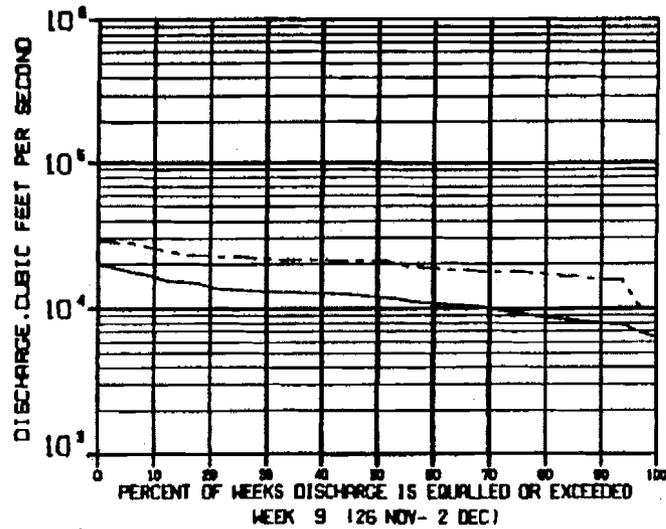
FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 FOR E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 SUSITNA RIVER AT SUSITNA STATION  
 (WATANA-DEVIL CANYON OPERATION)



NOTE: FLOW PERIOD WATER YEAR 1961-1983  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 86

———— NATURAL  
 - - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (MATANA-DEVIL CANYON OPERATION)

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



LEGEND

—— NATURAL  
 - - - WITH PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1963

MARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 FOR LOAD CONDITIONS 2020 SUSITNA RIVER AT SUSITNA STATION  
 (NATANA-DEVIL CANYON OPERATION)

EXHIBIT 11  
 SHEET 3 OF 13

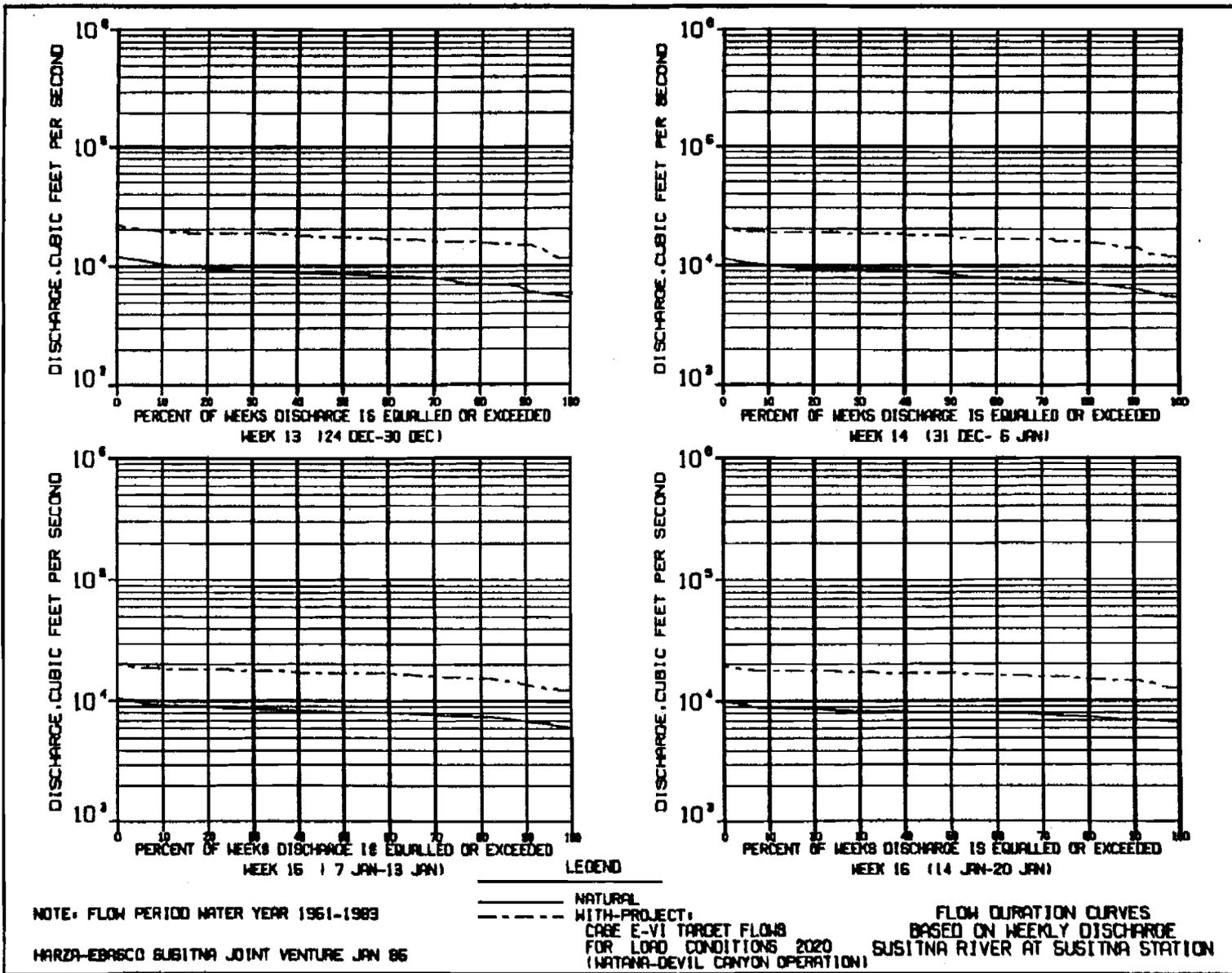


EXHIBIT 11  
SHEET 4 OF 19

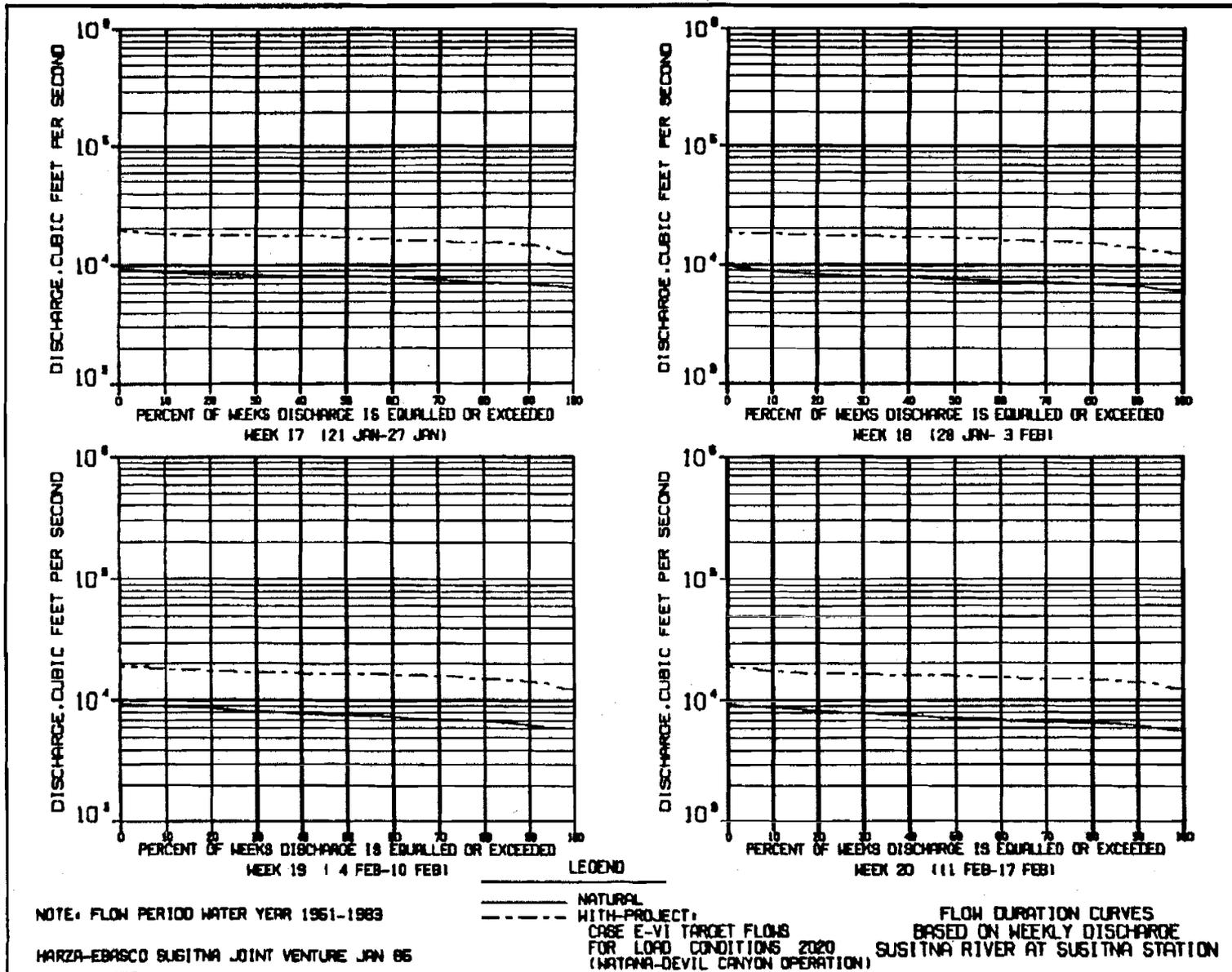
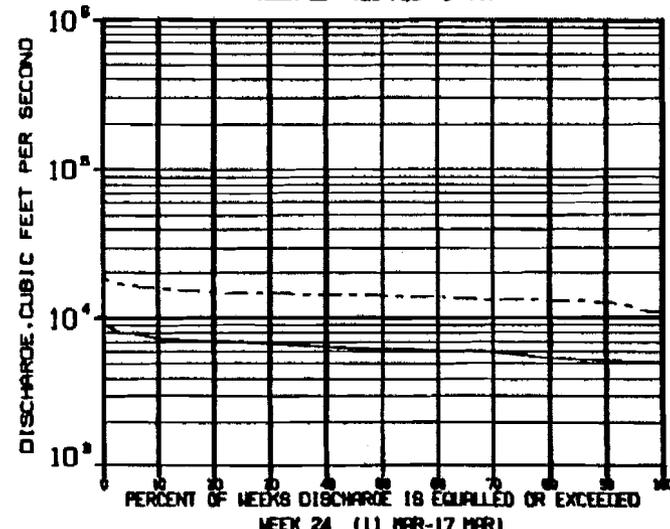
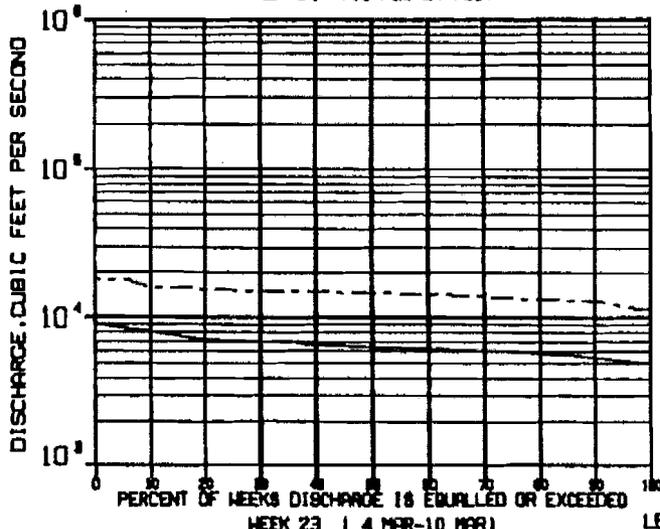
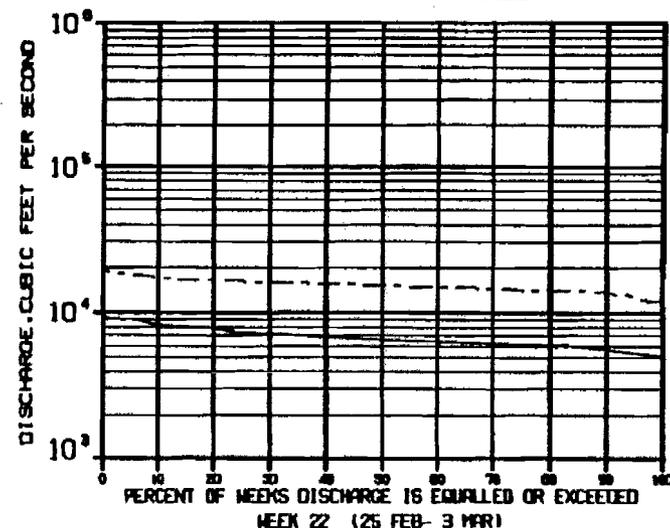
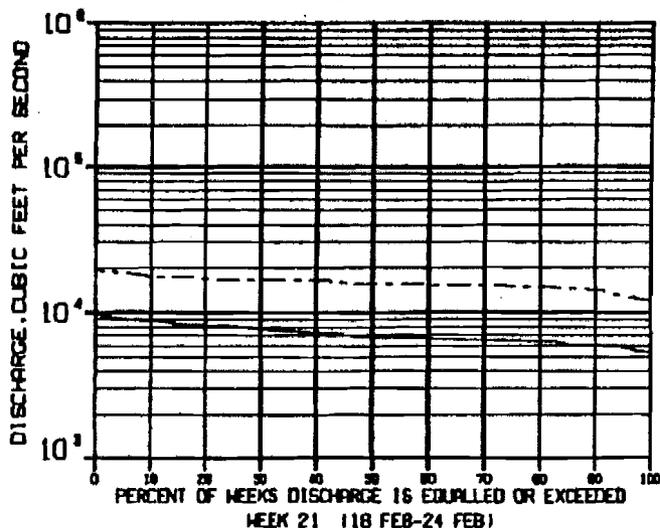


EXHIBIT 11  
SHEET 5 OF 19



LEGEND  
 ——— NATURAL  
 - - - WITH-PROJECT

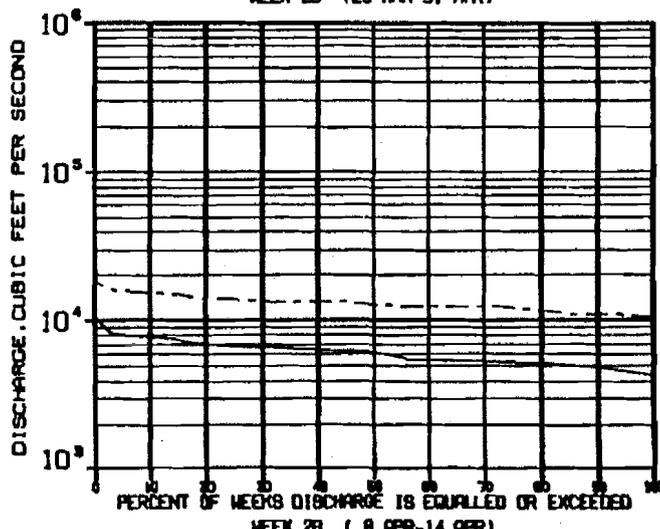
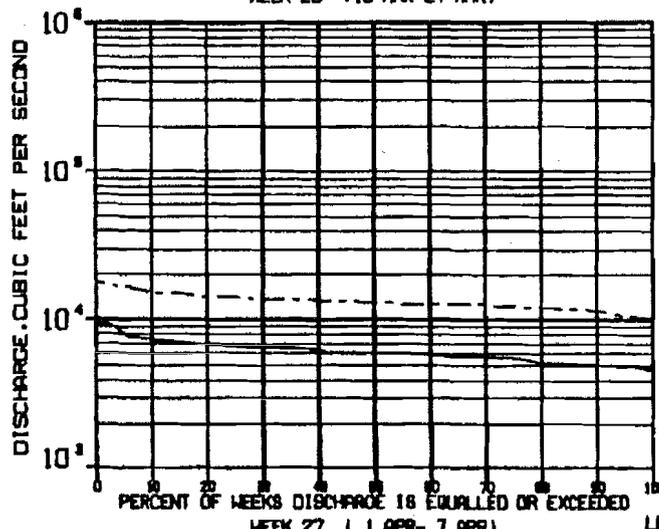
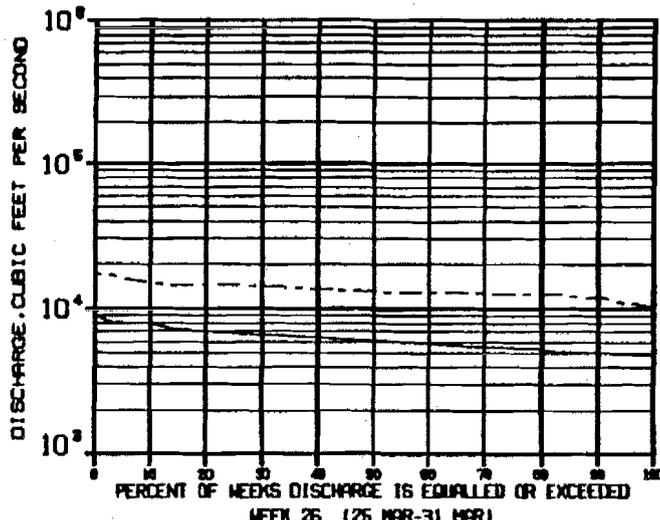
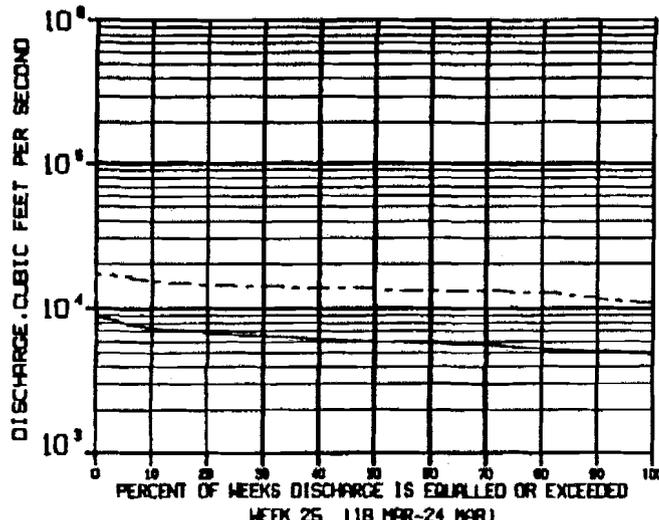
NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

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

EXHIBIT 11  
 SHEET 6 OF 19



LEGEND

—— NATURAL  
 - - - - WITH PROJECT,  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (NATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66

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

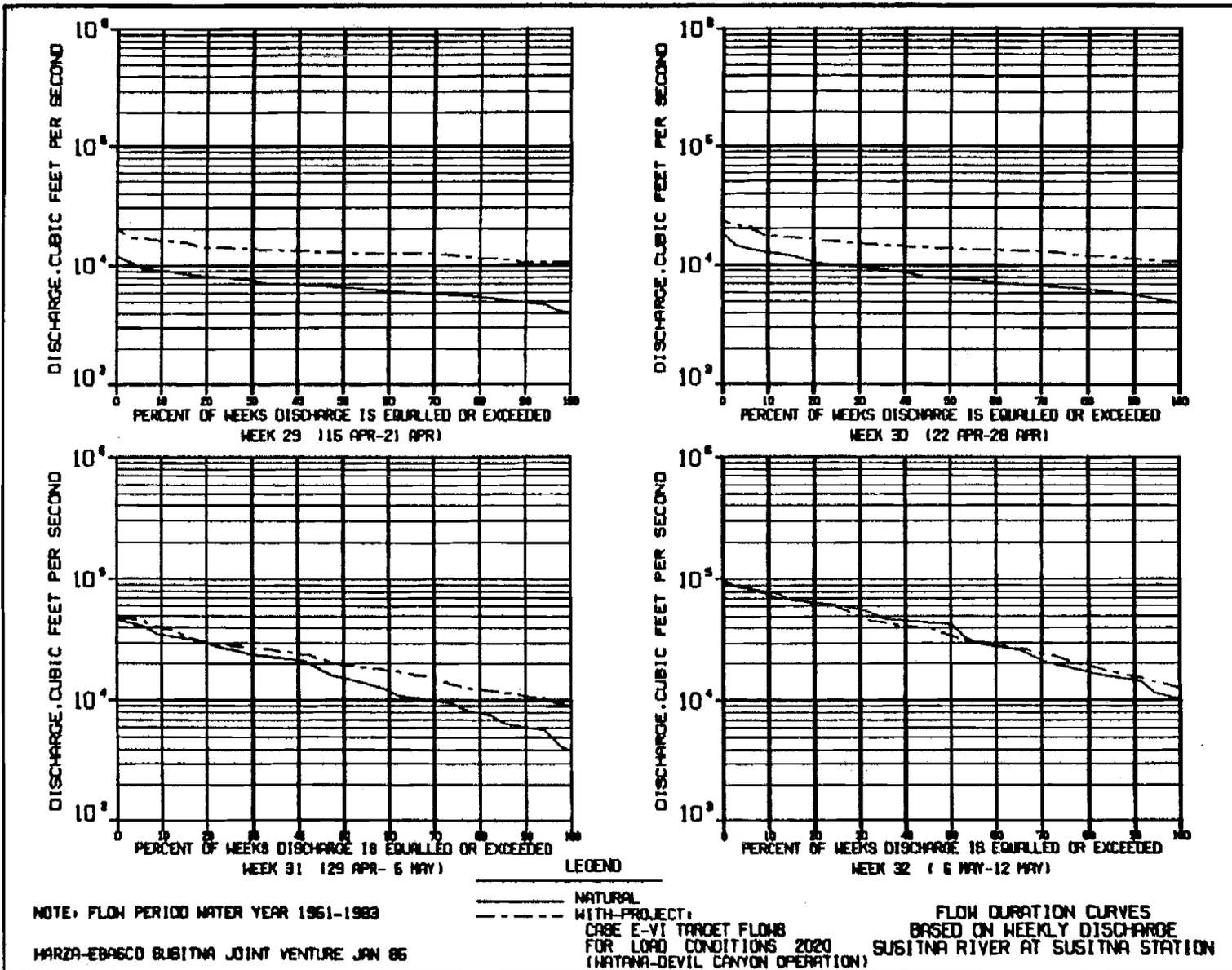


EXHIBIT 11  
 SHEET 6 OF 15

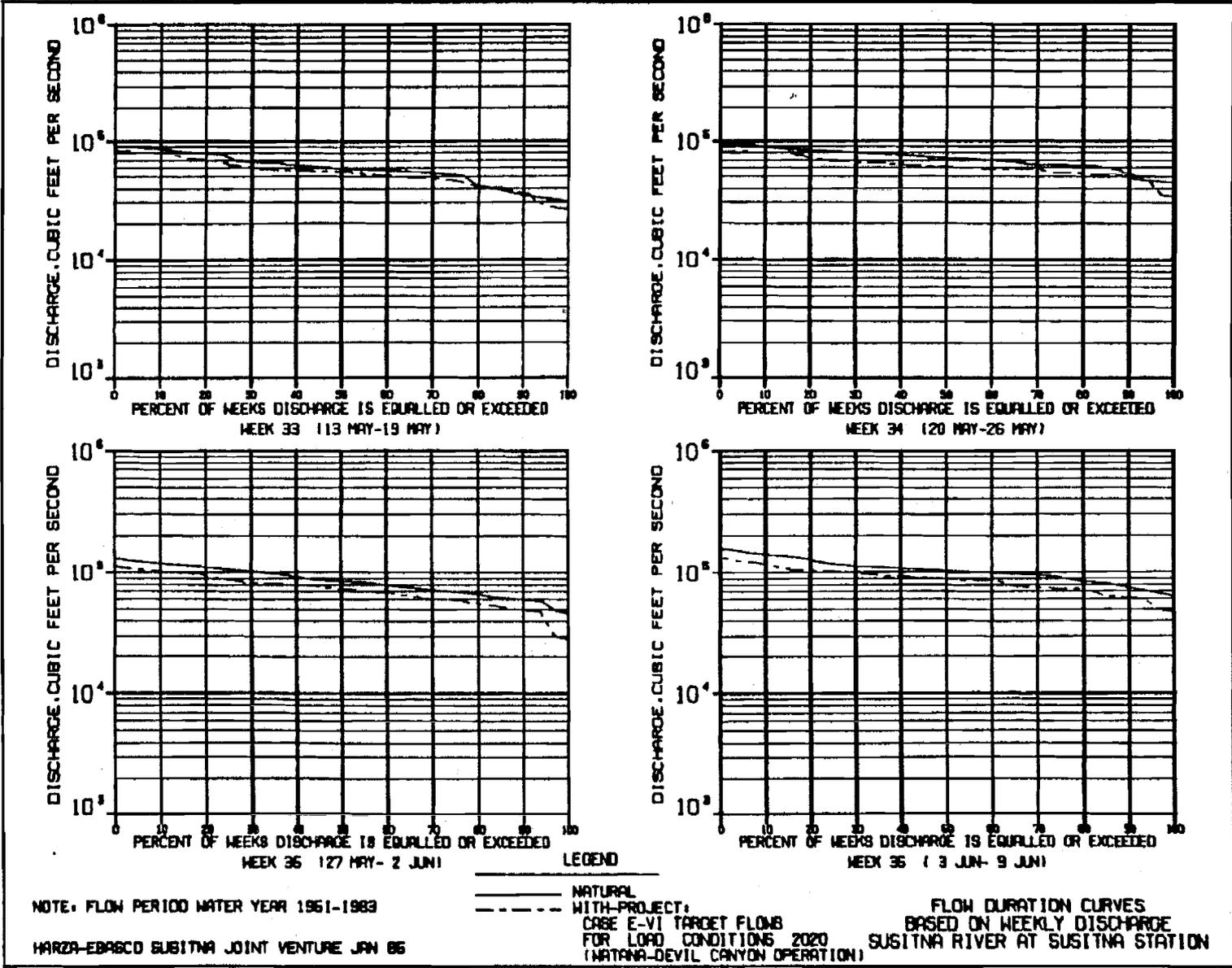
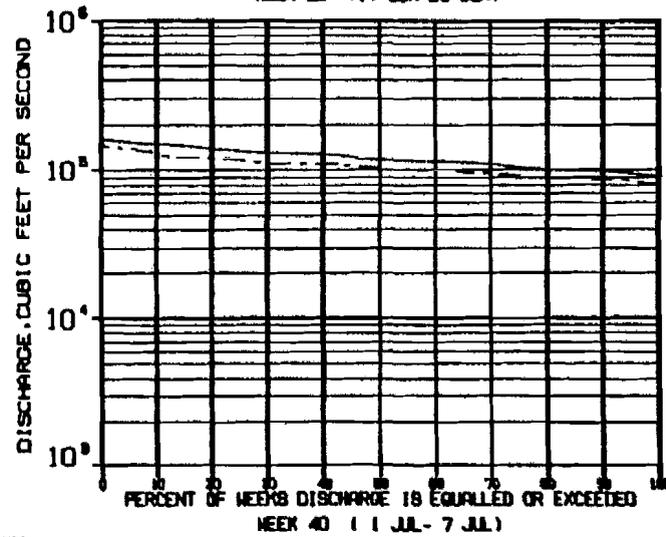
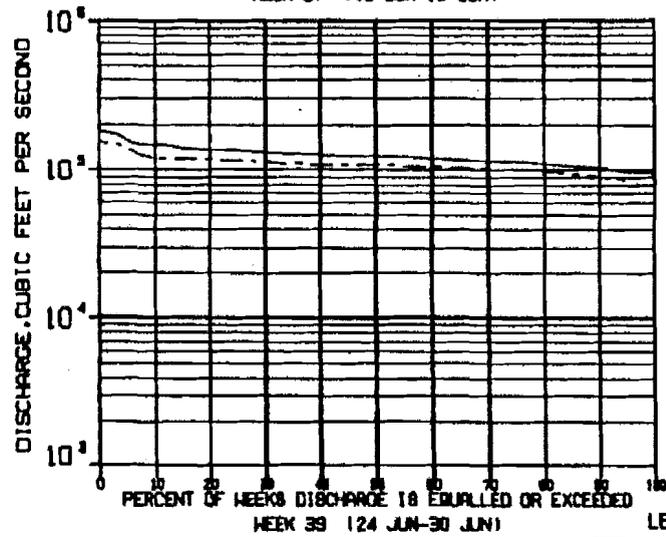
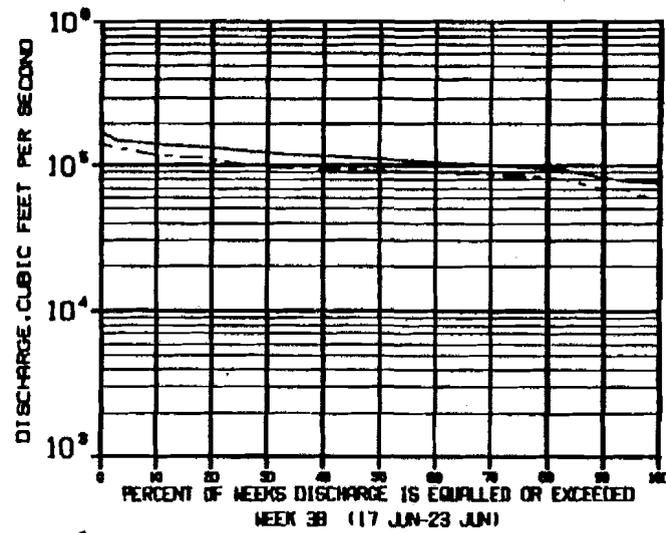
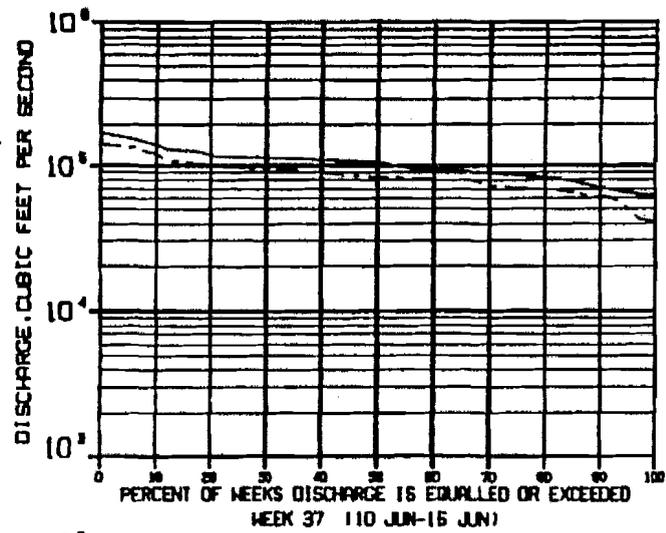


EXHIBIT 11  
SHEET 9 OF 19



LEGEND

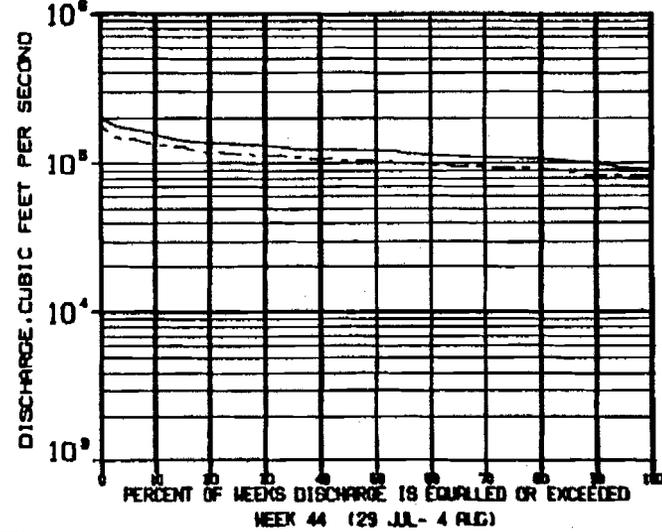
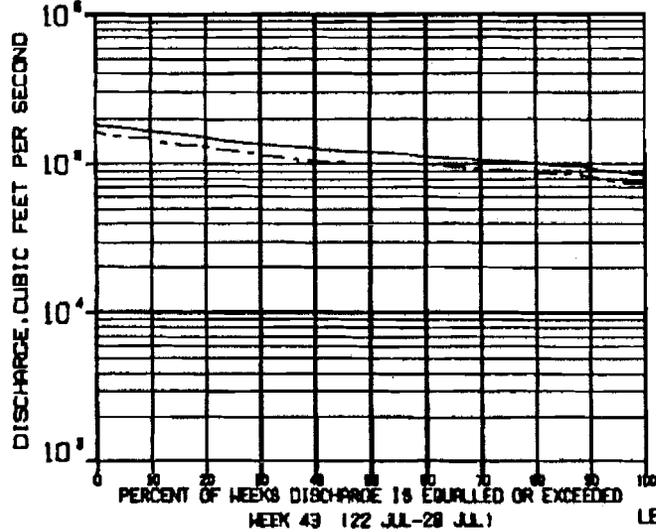
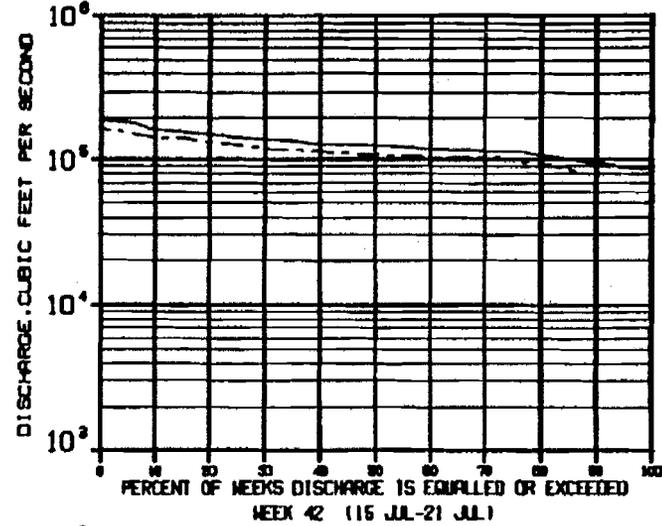
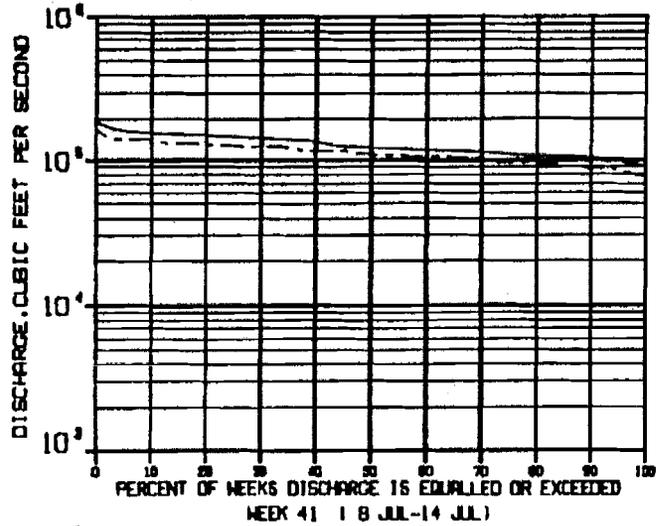
— NATURAL  
 - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUGITNA JOINT VENTURE JAN 85

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 FOR LOAD CONDITIONS 2020 SUGITNA RIVER AT SUGITNA STATION  
 (NATANA-DEVIL CANYON OPERATION)

EXHIBIT 11  
 SHEET 10 OF 13

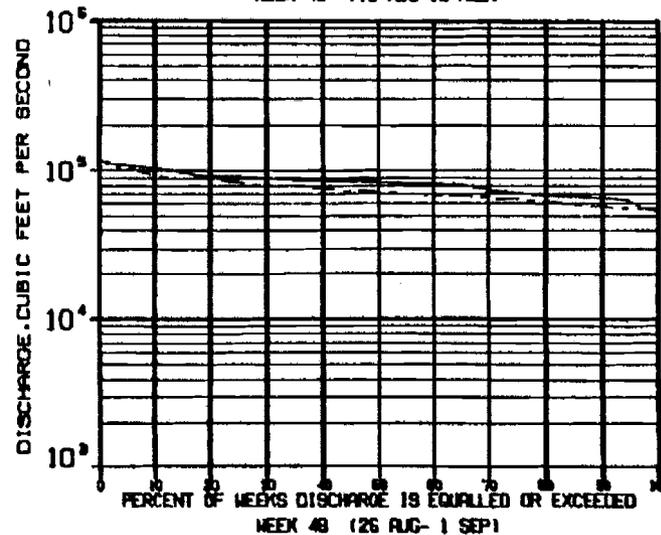
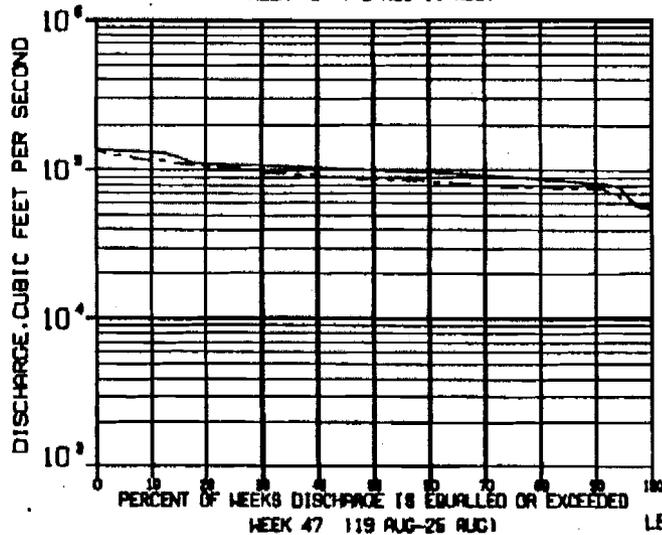
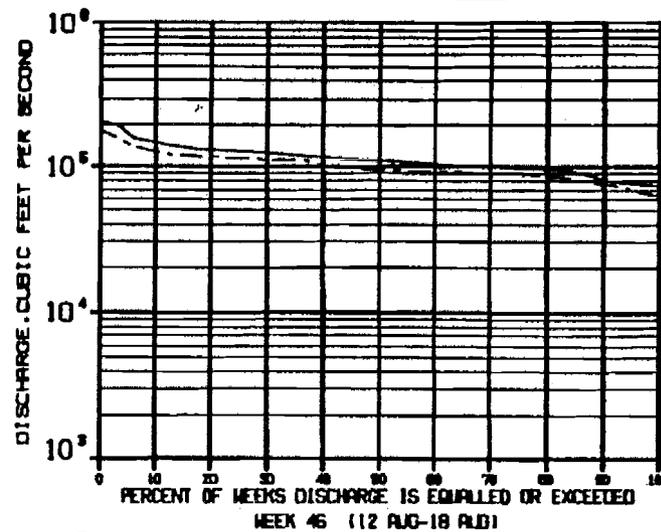
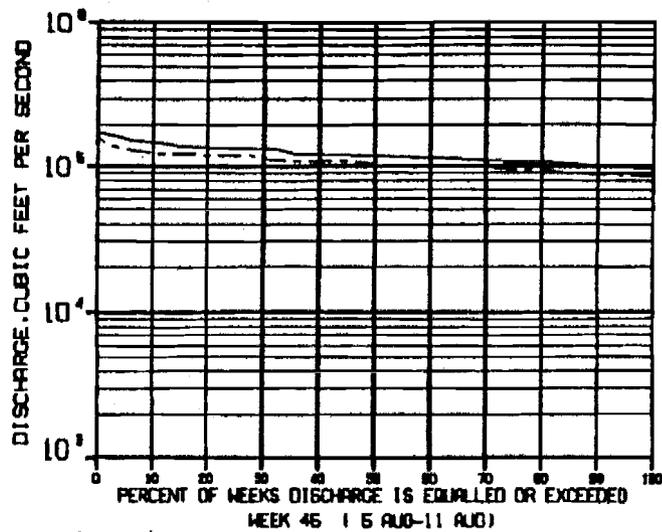


LEGEND

—— NATURAL  
 - - - - WITH-PROJECT;  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 (WATANA-DEVIL CANYON OPERATION)

NOTE: FLOW PERIOD WATER YEAR 1961-1963  
 HARZA-EBRACD SUSITNA JOINT VENTURE JAN 86

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



LEGEND

———— NATURAL

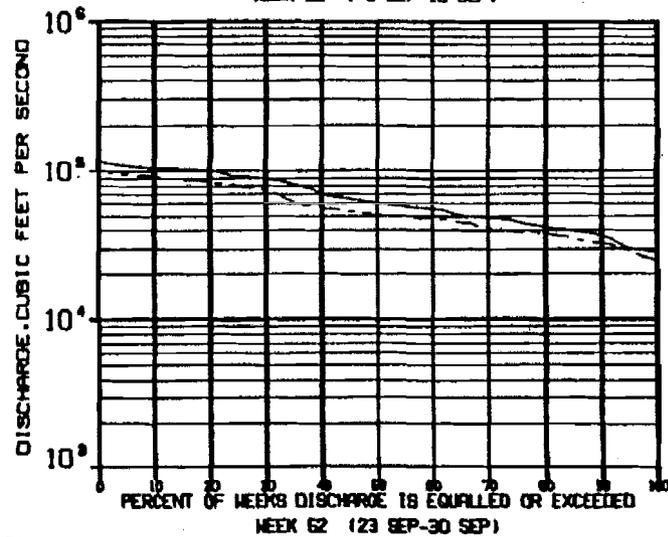
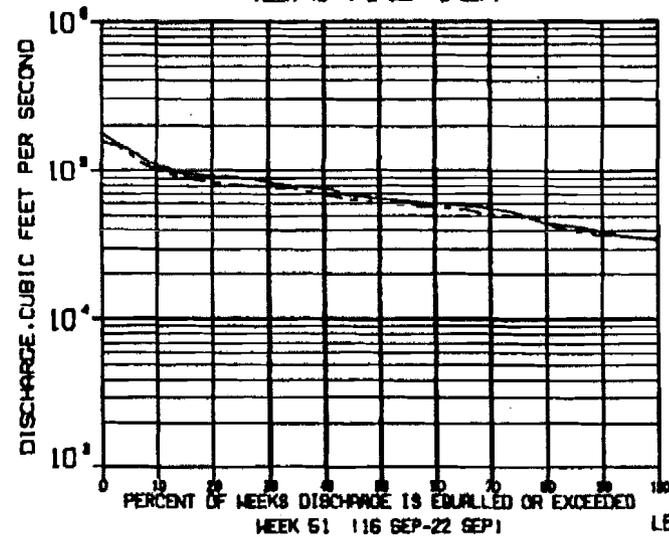
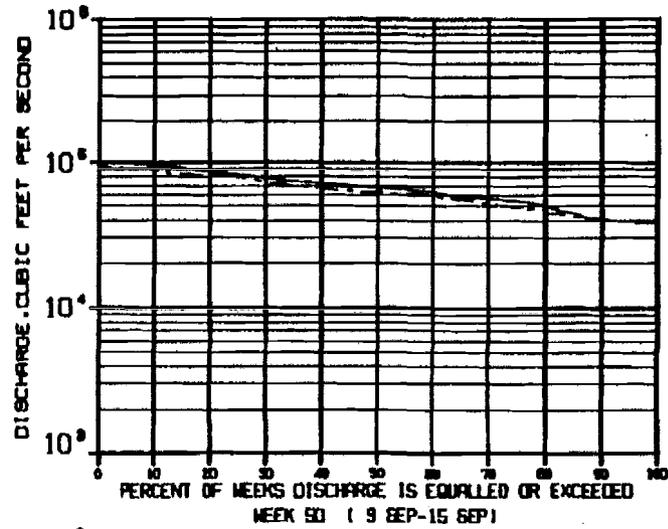
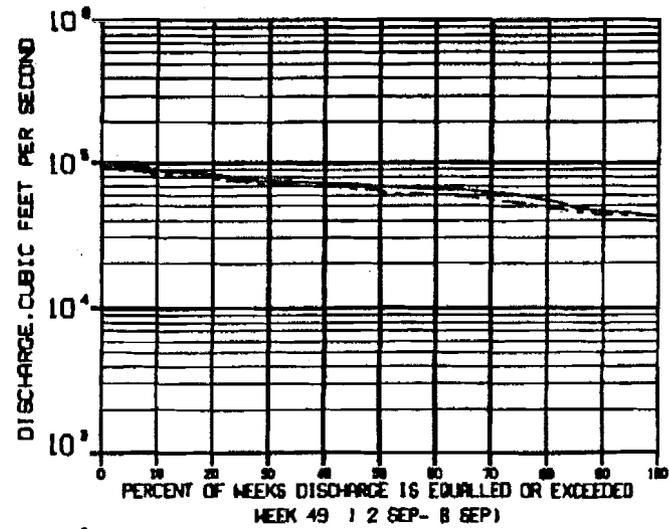
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CASE E-VI TARGET FLOWS  
FOR LOAD CONDITIONS 2020  
(NATANA-DEVIL CANYON OPERATION)

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

NOTE: FLOW PERIOD WATER YEAR 1961-1963

HARZA-EBASCO SUSITNA JOINT VENTURE JAN 66



LEGEND

—— NATURAL  
 - - - WITH-PROJECT

NOTE: FLOW PERIOD WATER YEAR 1961-1969

HARZA-EBAGCO SUSITNA JOINT VENTURE JAN 66

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 CASE E-VI TARGET FLOWS  
 FOR LOAD CONDITIONS 2020  
 SUSITNA RIVER AT SUSITNA STATION  
 (WATANA-DEVIL CANYON OPERATION)

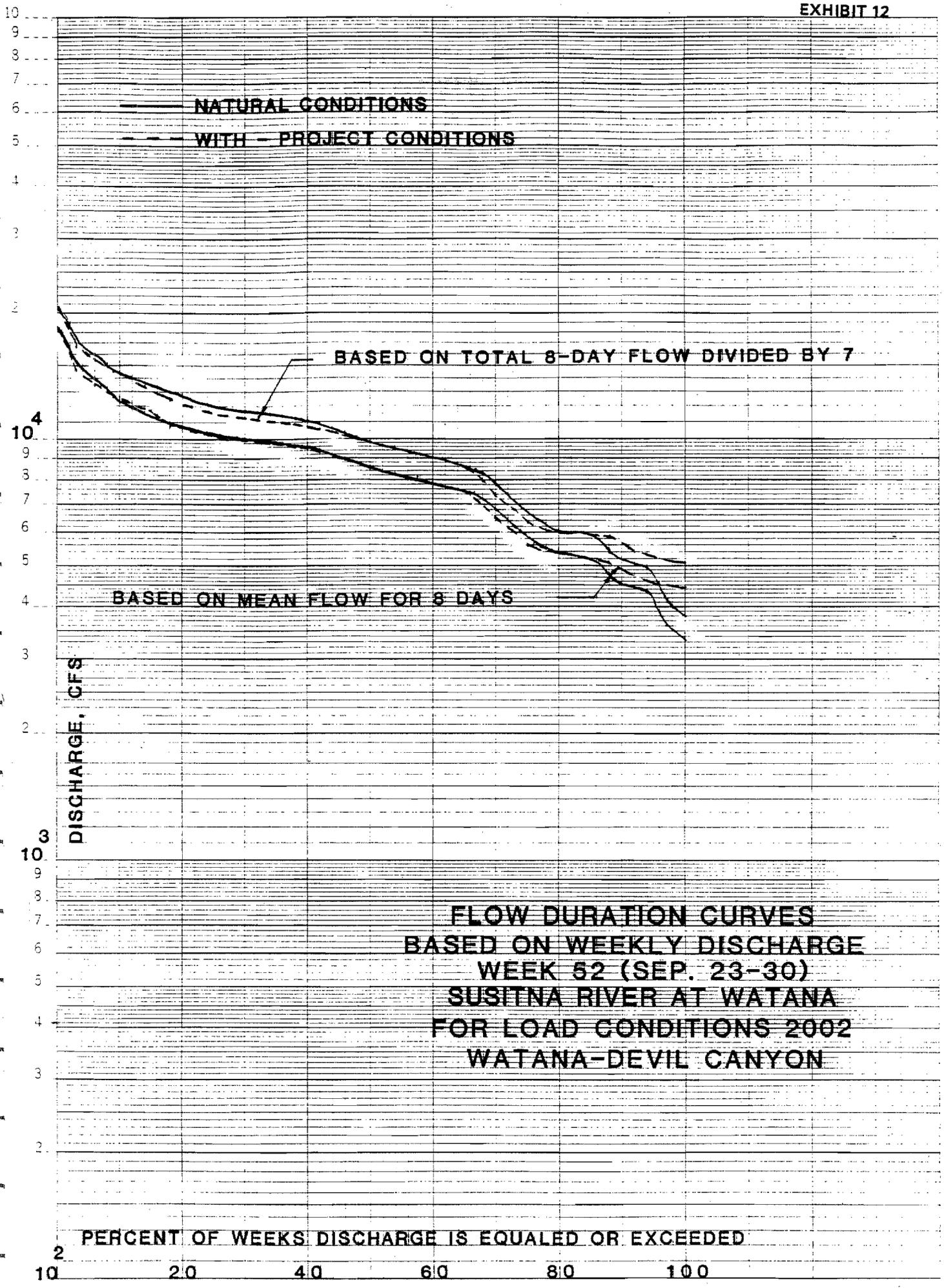
EXHIBIT 11  
 SHEET 19 OF 19

**EXHIBIT 12**

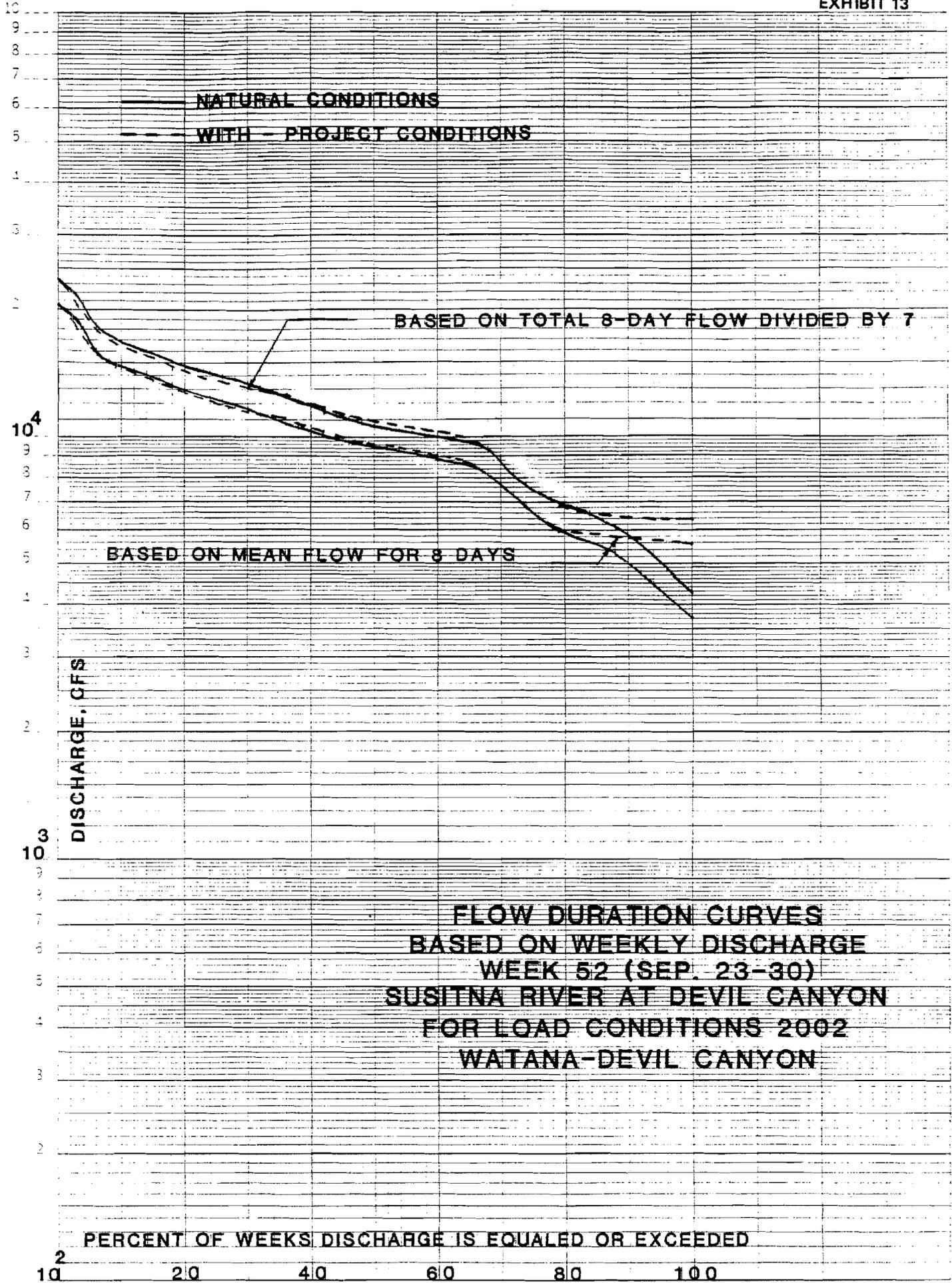
46 5492

WATER RESOURCES

2



**EXHIBIT 13**

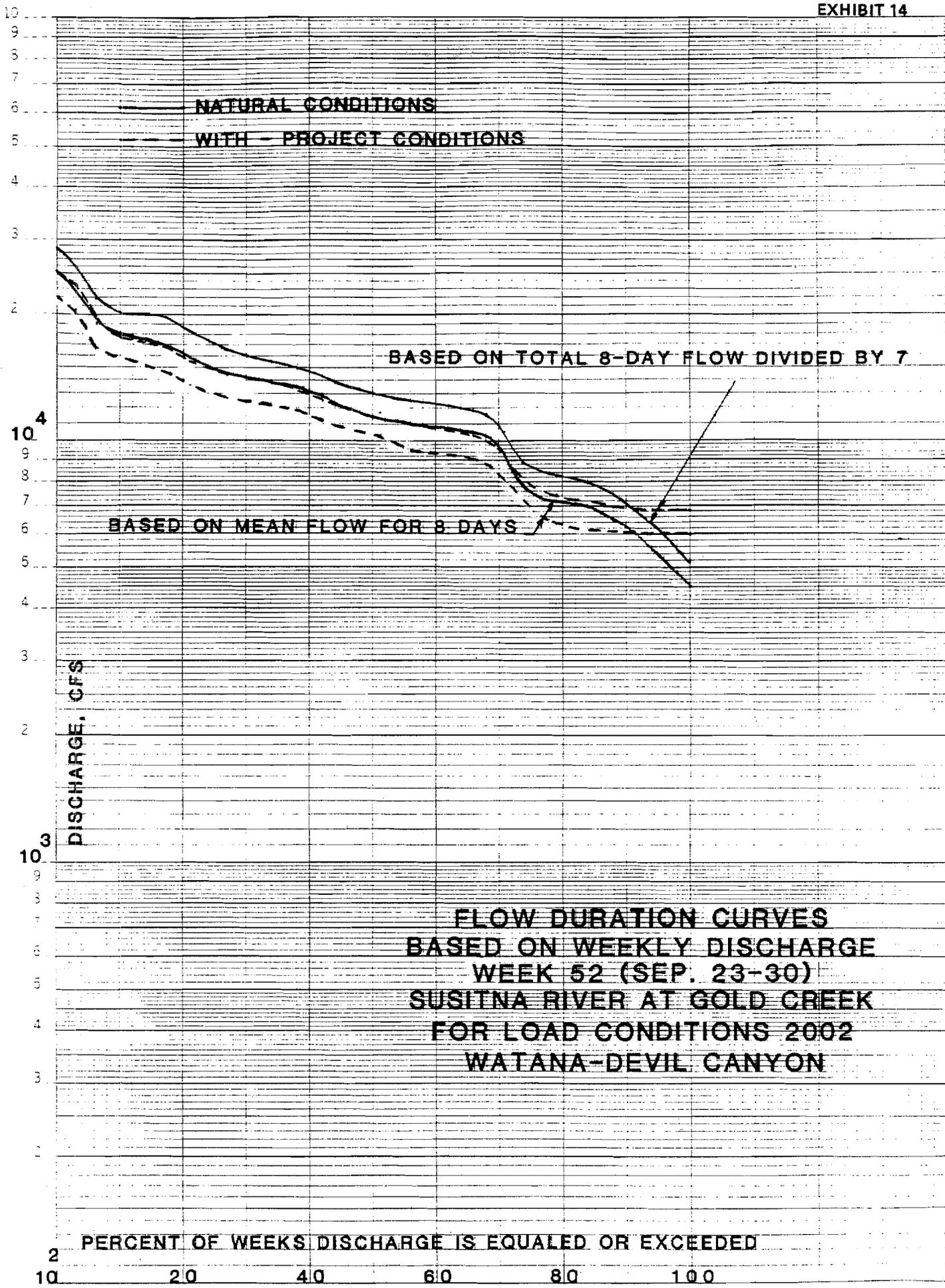


**FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 WEEK 52 (SEP. 23-30)  
 SUSITNA RIVER AT DEVIL CANYON  
 FOR LOAD CONDITIONS 2002  
 WATANA-DEVIL CANYON**

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SI  
 MULTI-MEDIA  
 10/2002

**EXHIBIT 14**

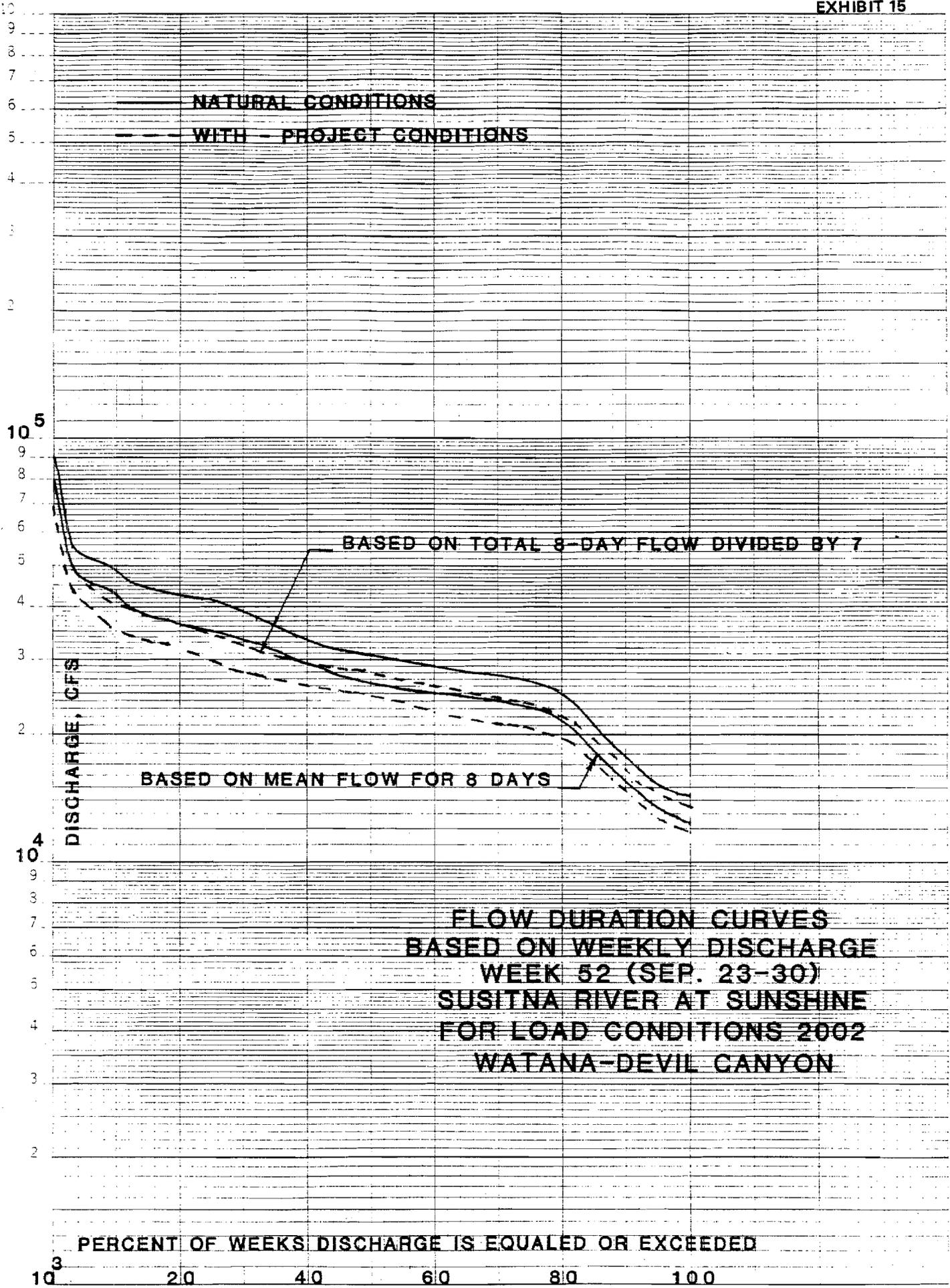


**FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 WEEK 52 (SEP. 23-30)  
 SUSITNA RIVER AT GOLD CREEK  
 FOR LOAD CONDITIONS 2002  
 WATANA-DEVIL CANYON**

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**EXHIBIT 15**

46 5492



**EXHIBIT 16**

NATURAL CONDITIONS

WITH - PROJECT CONDITIONS

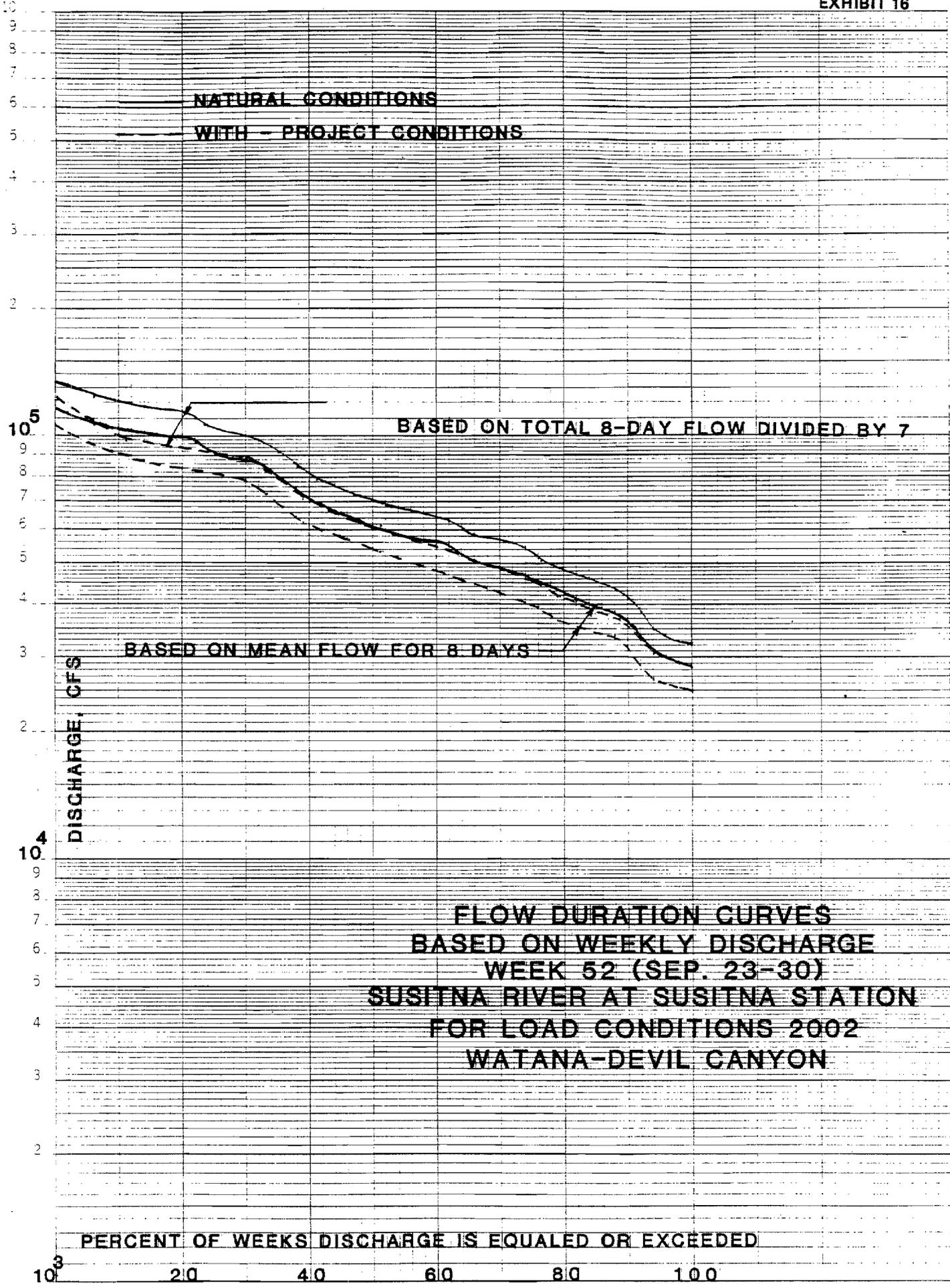
BASED ON TOTAL 8-DAY FLOW DIVIDED BY 7

BASED ON MEAN FLOW FOR 8 DAYS

DISCHARGE, CFS

FLOW DURATION CURVES  
BASED ON WEEKLY DISCHARGE  
WEEK 52 (SEP. 23-30)  
SUSITNA RIVER AT SUSITNA STATION  
FOR LOAD CONDITIONS 2002  
WATANA-DEVIL CANYON

PERCENT OF WEEKS DISCHARGE IS EQUALED OR EXCEEDED

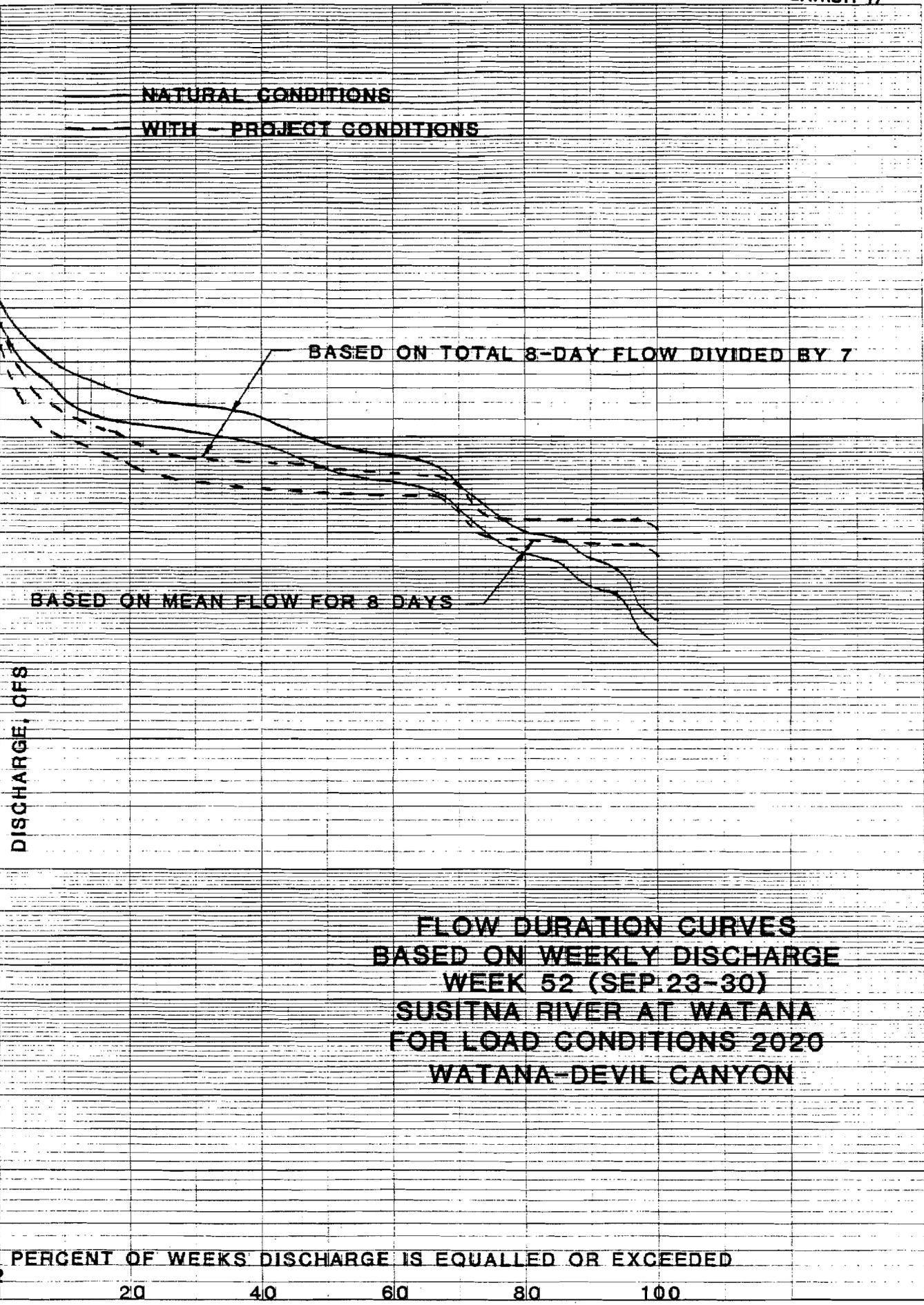


410 3492

STATE OF ALASKA  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
SUSITNA RIVER

**EXHIBIT 17**

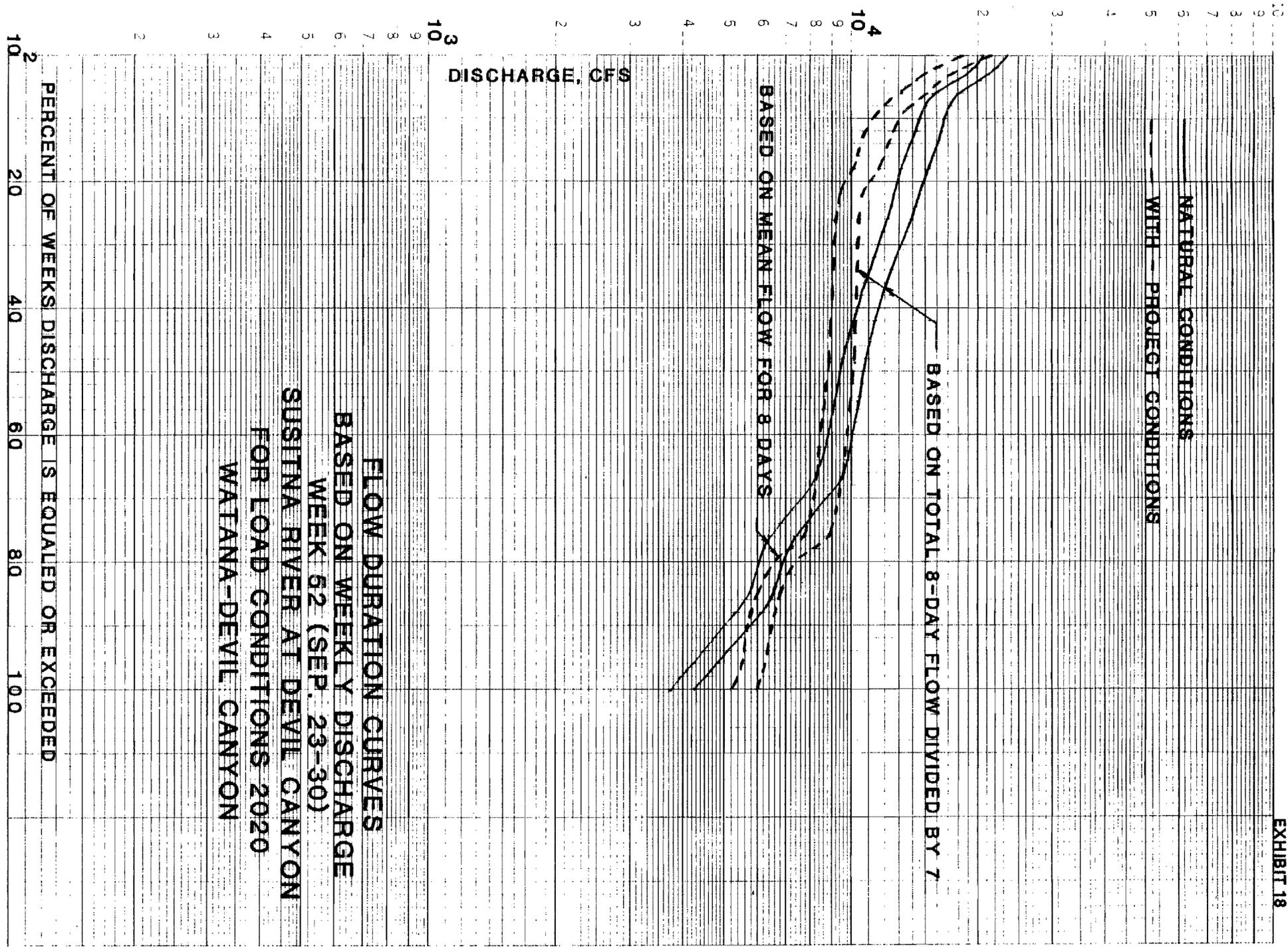
46 5492



**FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 WEEK 52 (SEP.23-30)  
 SUSITNA RIVER AT WATANA  
 FOR LOAD CONDITIONS 2020  
 WATANA-DEVIL CANYON**

SEAN GARDNER, P.E.  
 KEUFEL & ESSER, L.P.  
 1000 N. GARDNER  
 ANCHORAGE, ALASKA 99503  
 907.562.1234

**EXHIBIT 18**



— NATURAL CONDITIONS  
 - - - WITH - PROJECT CONDITIONS

BASED ON TOTAL 8-DAY FLOW DIVIDED BY 7

BASED ON MEAN FLOW FOR 8 DAYS

DISCHARGE, CFS

FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 WEEK 52 (SEP. 23-30)  
 SUSITNA RIVER AT DEVIL CANYON  
 FOR LOAD CONDITIONS 2020  
 WATANANA-DEVIL CANYON

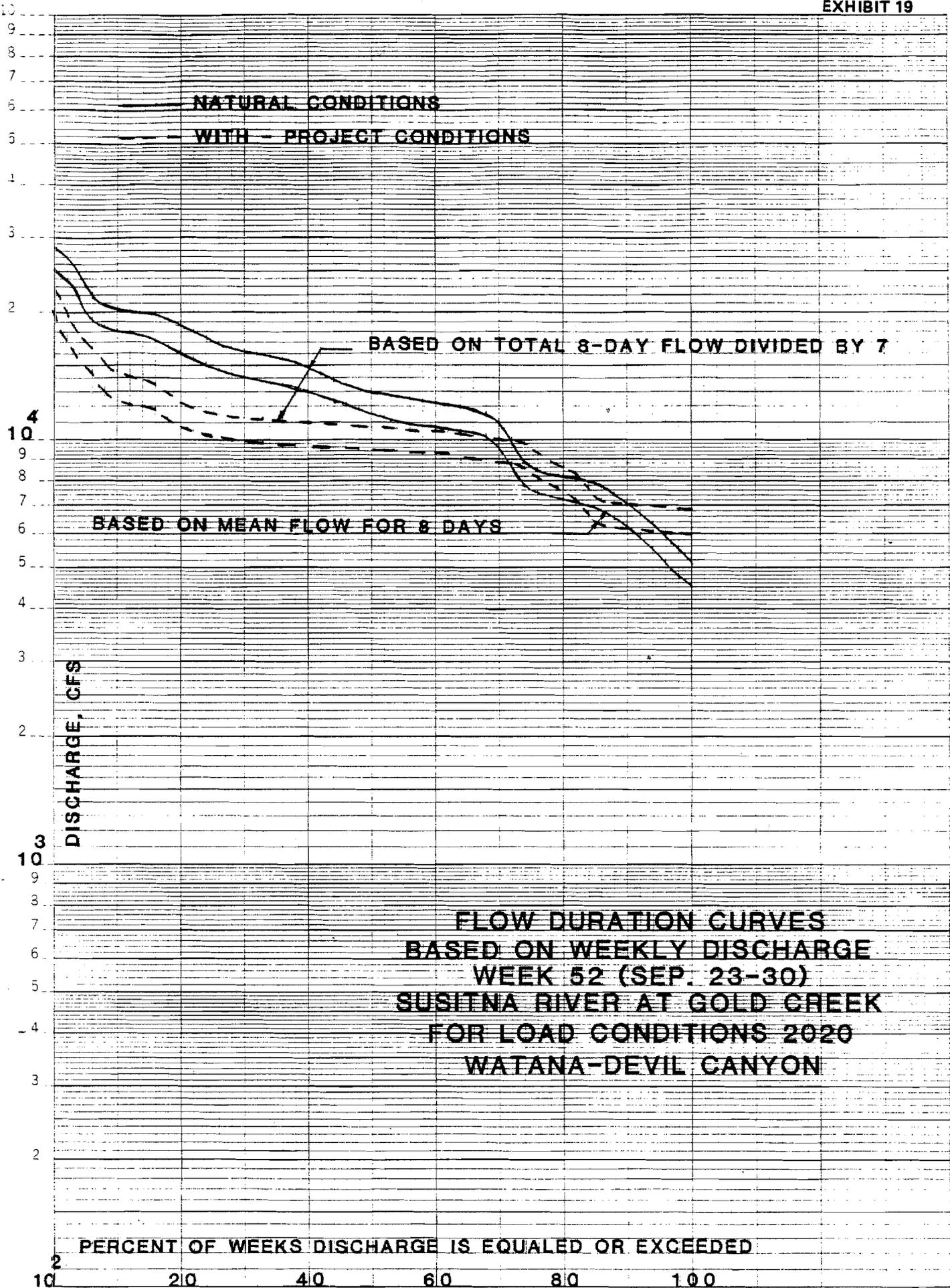
PERCENT OF WEEKS DISCHARGE IS EQUALED OR EXCEEDED

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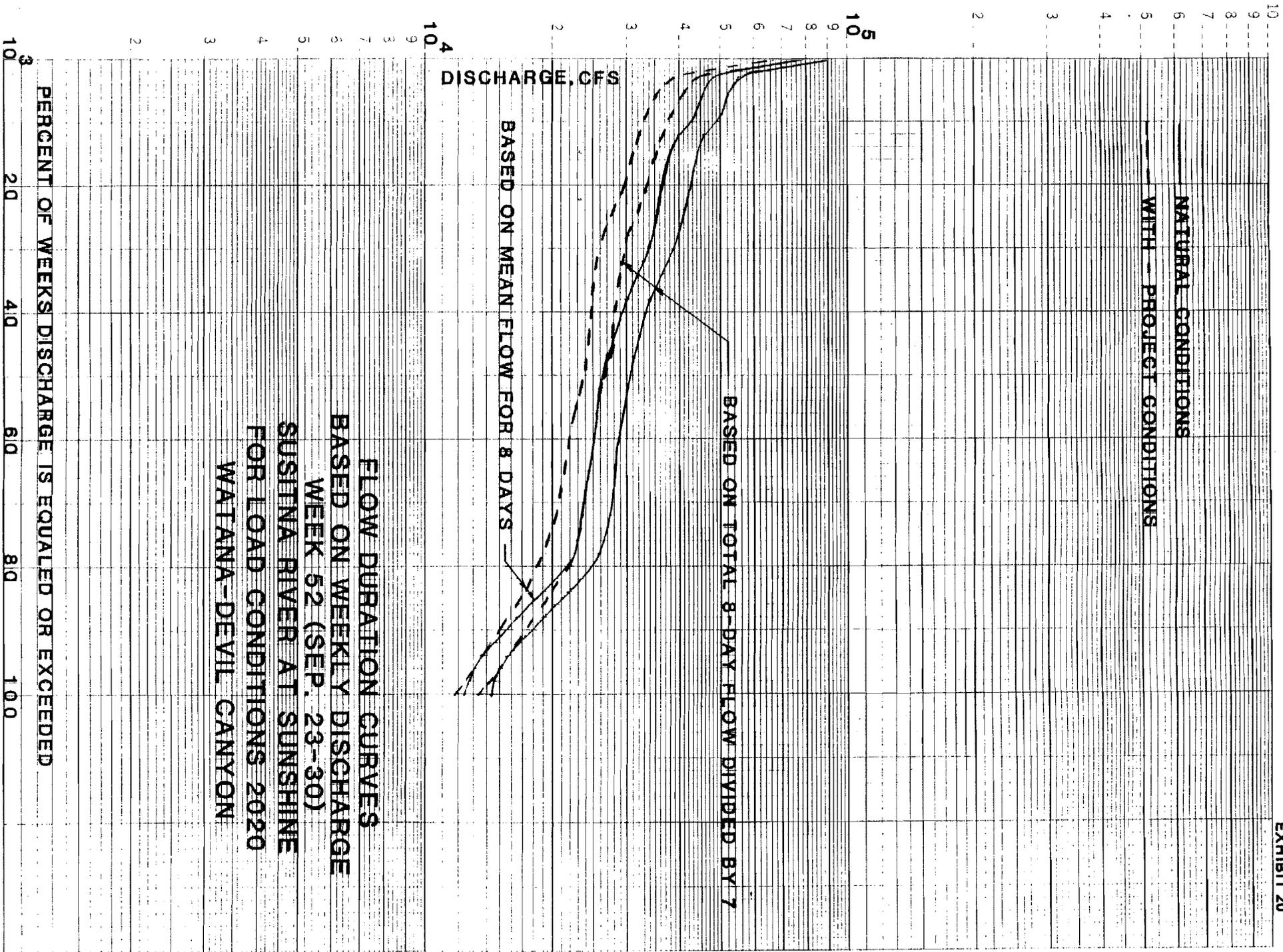
**EXHIBIT 19**

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SEMI-LOGARITHMIC • J. J. DILL'S & ASSOCIATES  
NEUFEL & ESSER CO., MADISON, WIS.

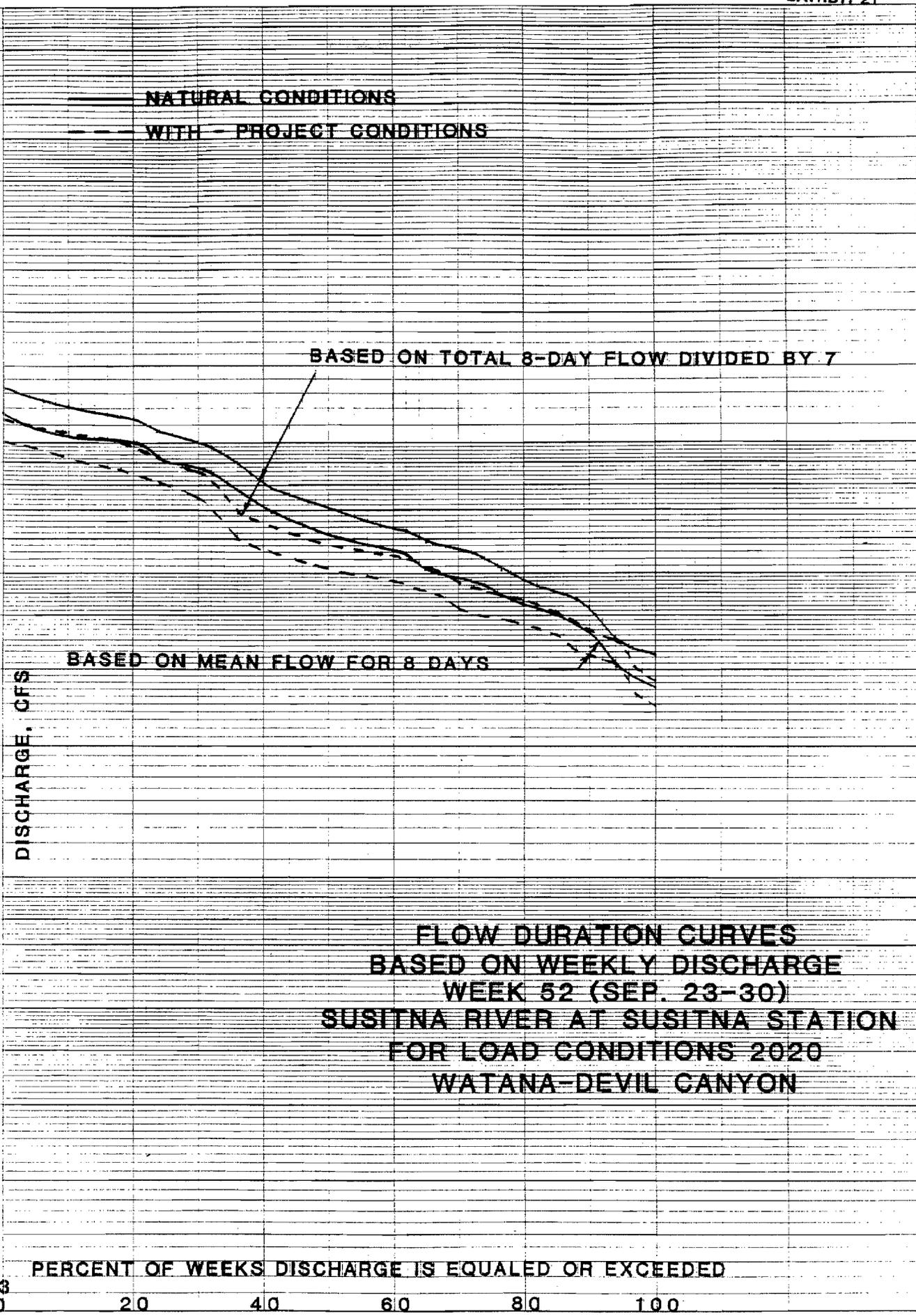


**EXHIBIT 20**



**EXHIBIT 21**

46 5492



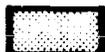
**FLOW DURATION CURVES  
 BASED ON WEEKLY DISCHARGE  
 WEEK 52 (SEP. 23-30)  
 SUSITNA RIVER AT SUSITNA STATION  
 FOR LOAD CONDITIONS 2020  
 WATANA-DEVIL CANYON**

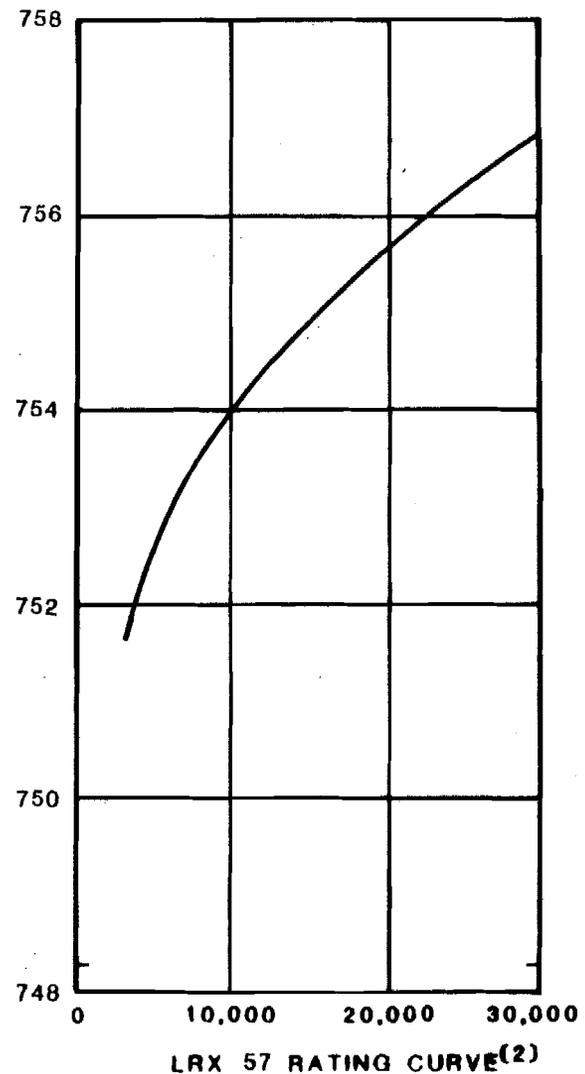
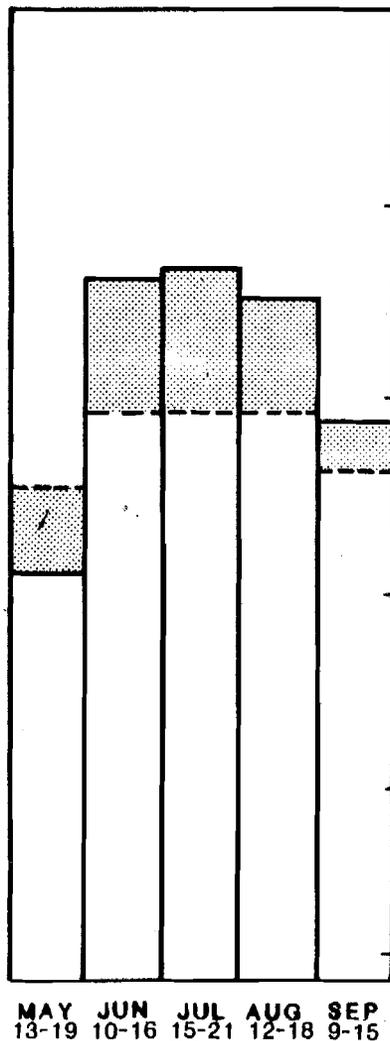
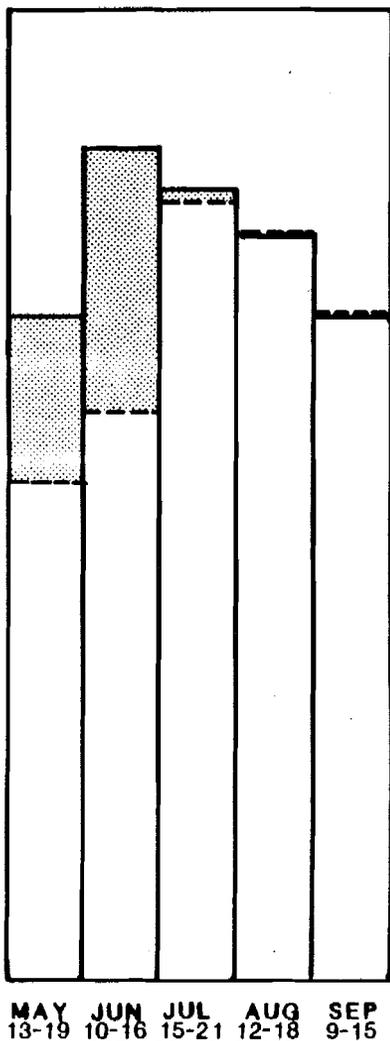
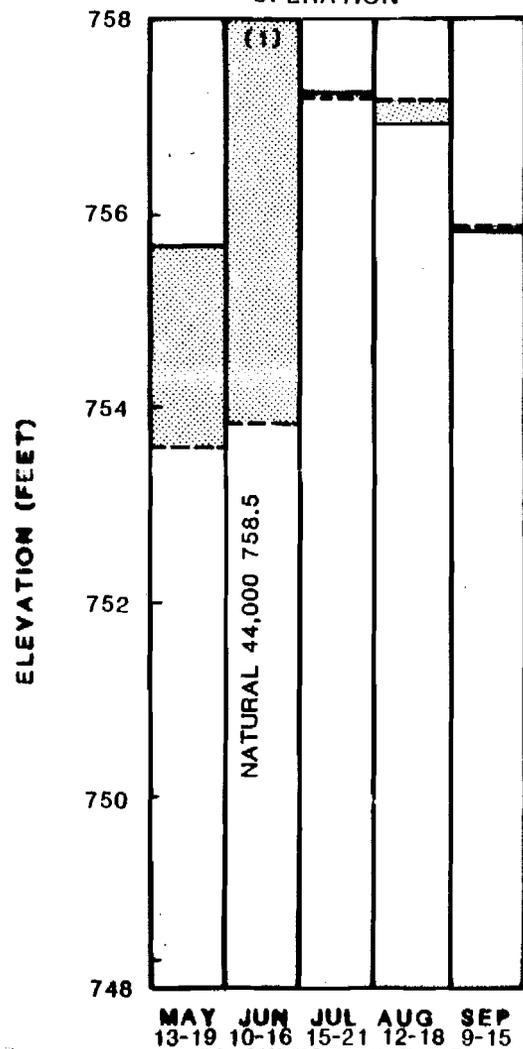
SEMI-COASTAL HYDRAULIC CONSULTING DIVISION  
 KLUPFLER & ESSER CO. INC. IN U.S.A.

**EXHIBIT 22**

**LEGEND:**

— PRE-PROJECT  
 - - - OPERATION

 ELEVATION CHANGE  
 ..... EXTRAPOLATED



**NOTES:**

1. WATER SURFACE ELEVATION ABOVE RATING CURVE
2. RATING CURVE BASED ON COMPUTATIONS AND OBSERVATIONS (HE, 1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES

**2002 ENERGY DEMANDS  
 WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE  
 WATER SURFACE ELEVATIONS AT RIVER MILE 142.3**

REPLACES  
 FIG. E.2.195

**EXHIBIT 23**

**LEGEND:**

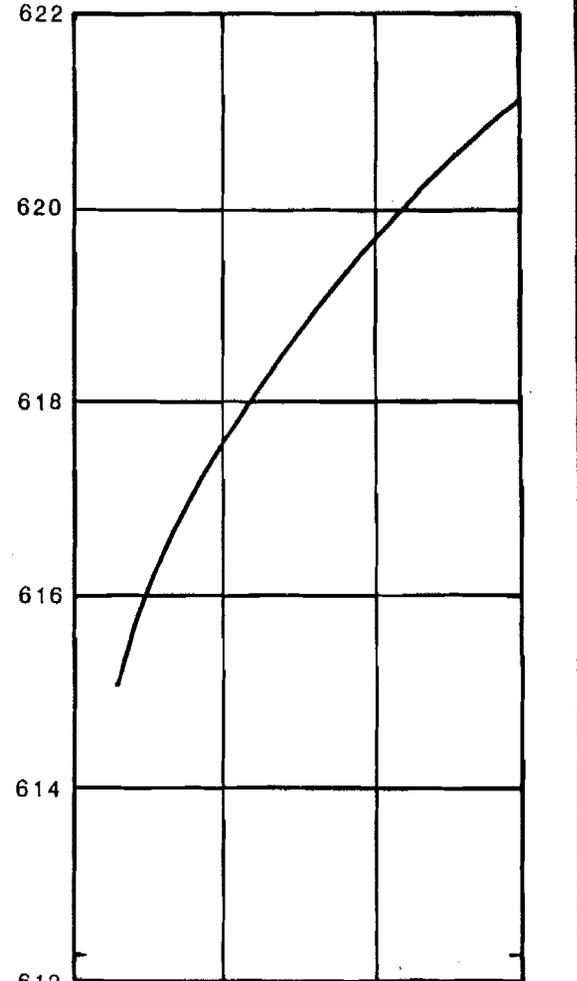
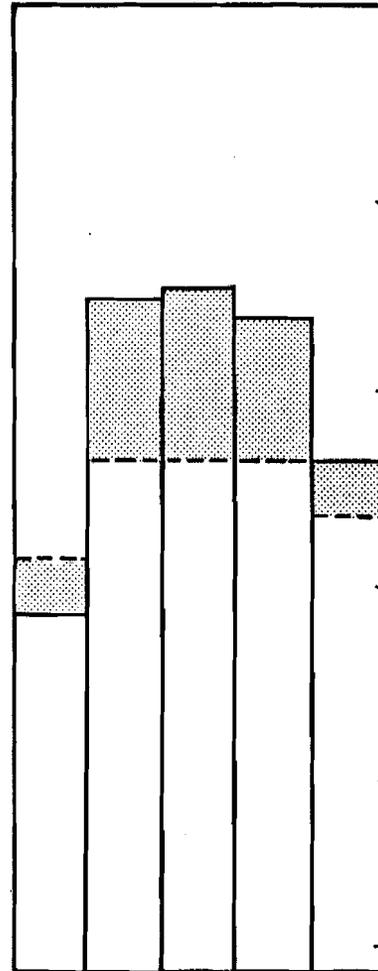
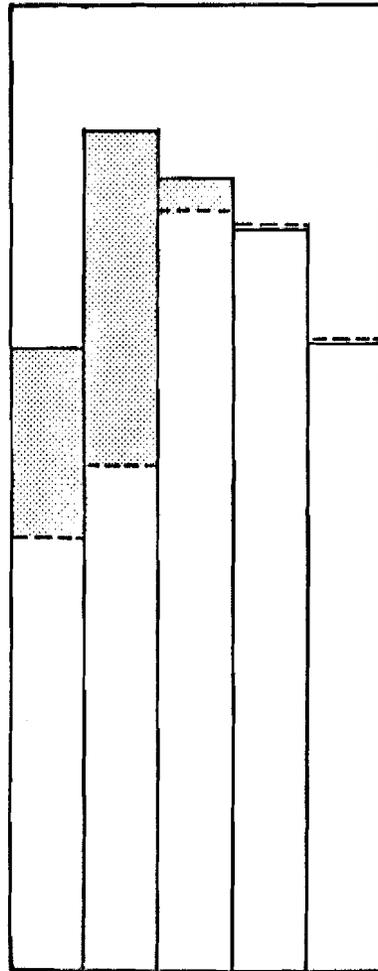
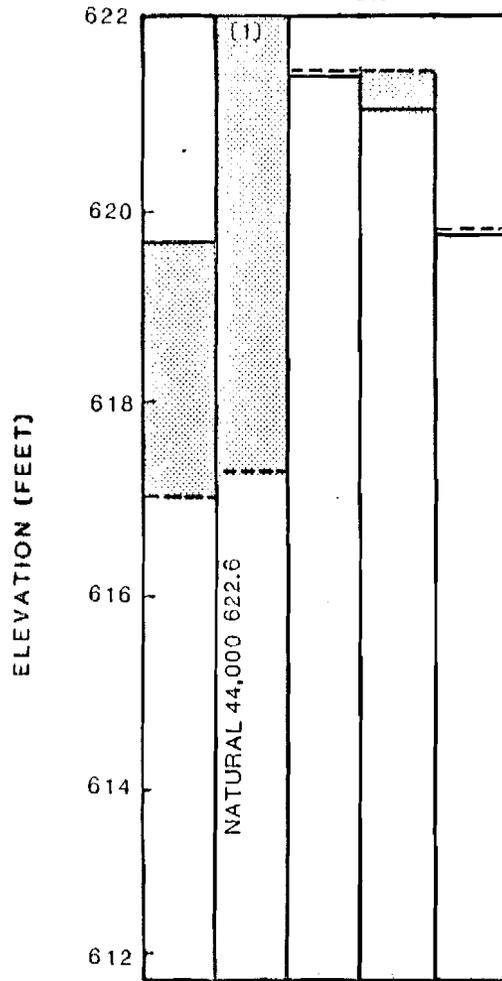
—— PRE-PROJECT

- - - OPERATION



**ELEVATION CHANGE**

..... EXTRAPOLATED



MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15

MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15

MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15

**MAXIMUM FLOWS**  
10% EXCEEDANCE

**MEAN FLOWS**  
50% EXCEEDANCE

**MINIMUM FLOWS**  
90% EXCEEDANCE

**LRX 35 RATING CURVE(2)**

**GOLD CREEK DISCHARGE (CFS)**

**NOTES:**

1. WATER SURFACE ELEVATION ABOVE RATING CURVE
2. RATING CURVE BASED ON COMPUTATIONS AND OBSERVATIONS (HE, 1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES

**2002 ENERGY DEMANDS  
WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE  
WATER SURFACE ELEVATIONS AT RIVER MILE 130.9**

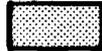
REPLACES  
FIG. E.2.196

**EXHIBIT 24**

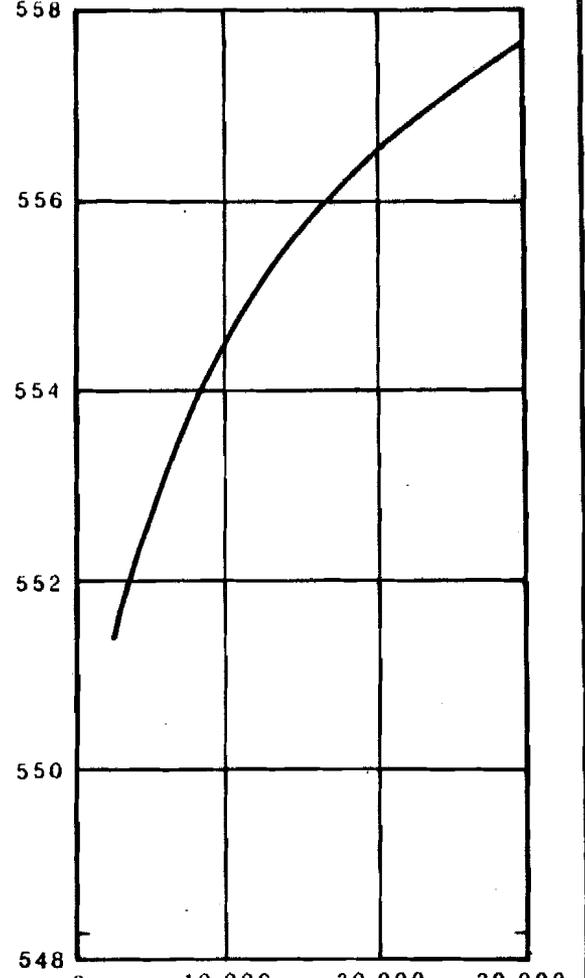
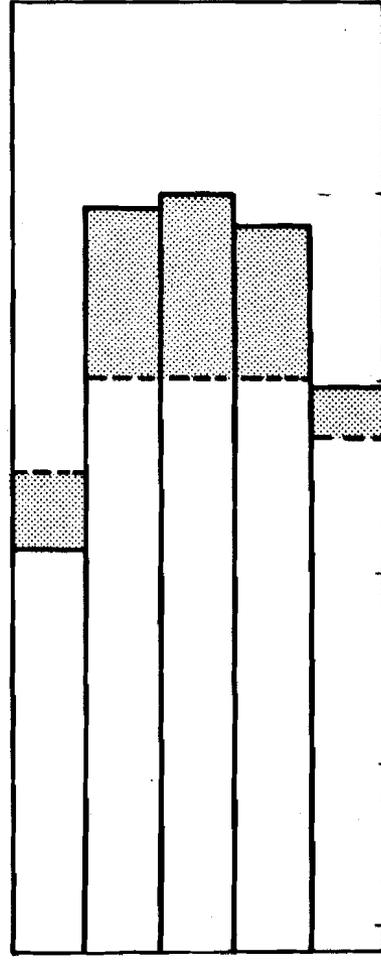
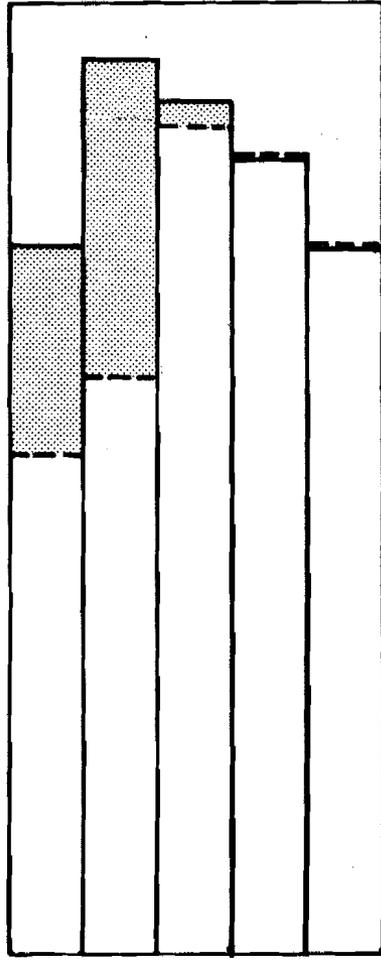
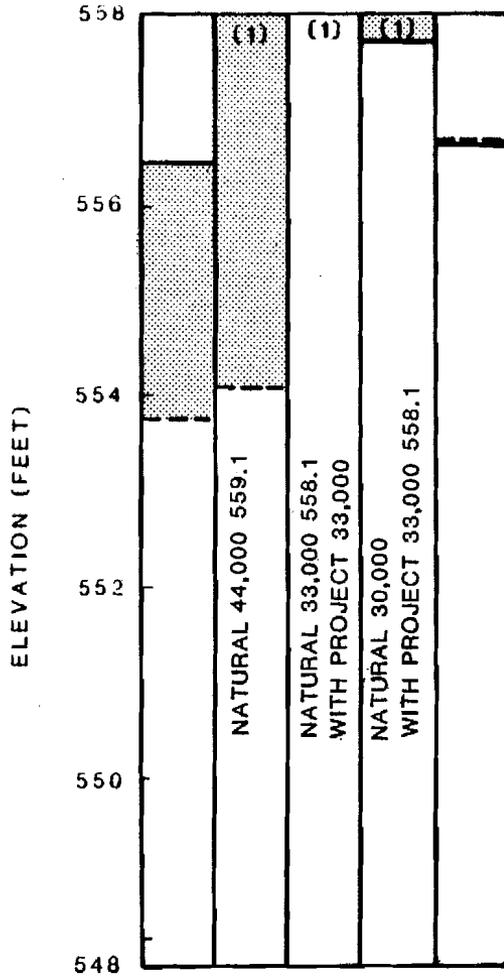
LEGEND:

— PRE-PROJECT

- - - OPERATION

 ELEVATION CHANGE

..... EXTRAPOLATED



MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15  
**MAXIMUM FLOWS**  
 10% EXCEEDANCE

MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15  
**MEAN FLOWS**  
 50% EXCEEDANCE

MAY 13-19 JUN 10-16 JUL 15-21 AUG 12-18 SEP 9-15  
**MINIMUM FLOWS**  
 90% EXCEEDANCE

**GOLD CREEK DISCHARGE (CFD)**

- NOTES:
1. WATER SURFACE ELEVATION ABOVE RATING CURVE
  2. RATING CURVE BASED ON COMPUTATIONS AND OBSERVATIONS (HE, 1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES

**2002 ENERGY DEMANDS**  
**WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE**  
**WATER SURFACE ELEVATIONS AT RIVER MILE 124.4**

REPLACES  
 FIG. E.2.197

**EXHIBIT 25**

LEGEND:

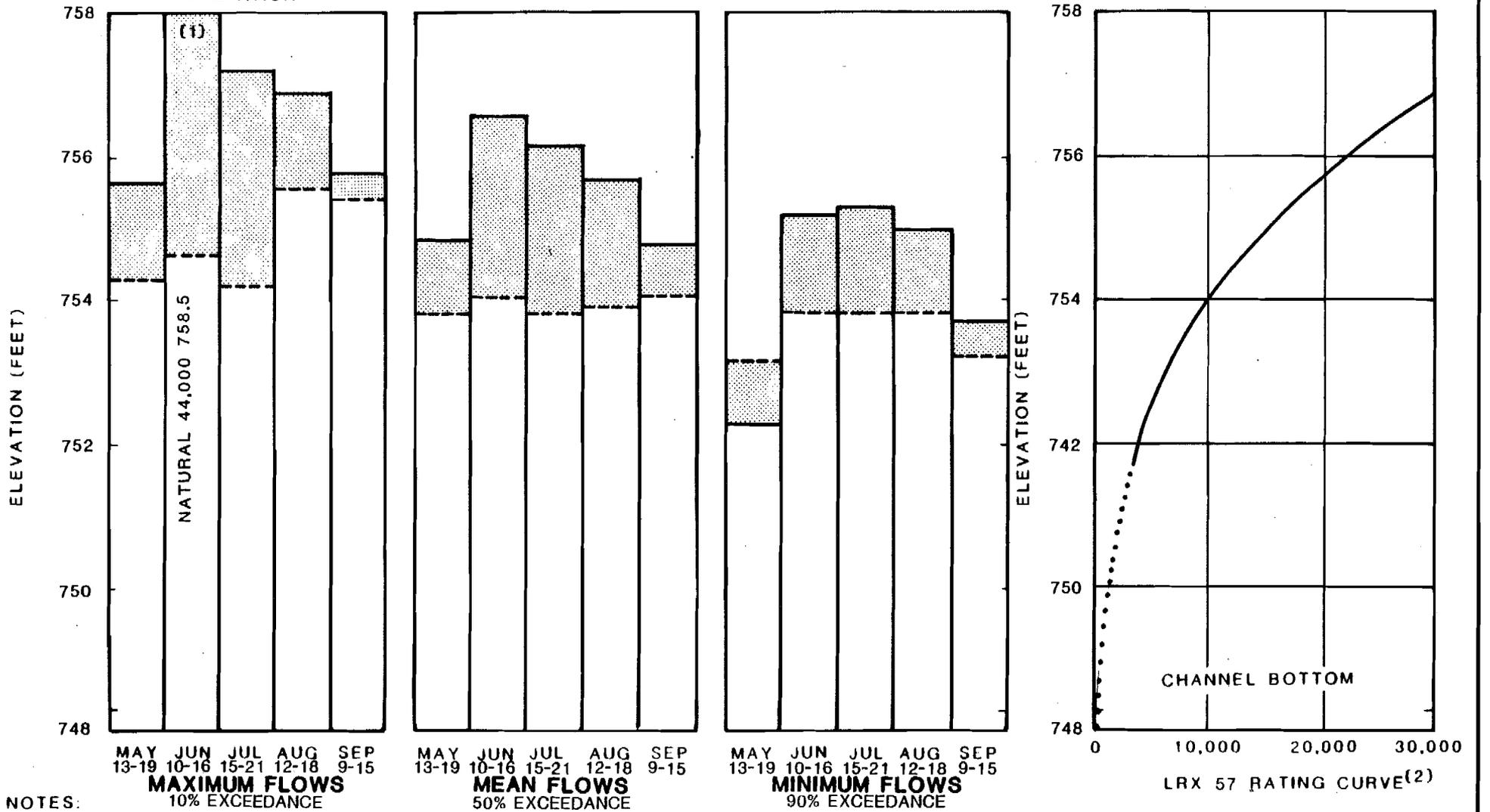
— PRE-PROJECT

- - - OPERATION



ELEVATION CHANGE

..... EXTRAPOLATED



NOTES:

1. WATER SURFACE ELEVATION ABOVE RATING CURVE
2. RATING BASED ON COMPUTATIONS AND OBSERVATIONS (HE 1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES.

**2020 ENERGY DEMANDS  
WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE  
WATER SURFACE ELEVATIONS AT RIVER MILE 142.3**

REPLACES  
FIGURE E.2.195

**EXHIBIT 26**

**LEGEND:**

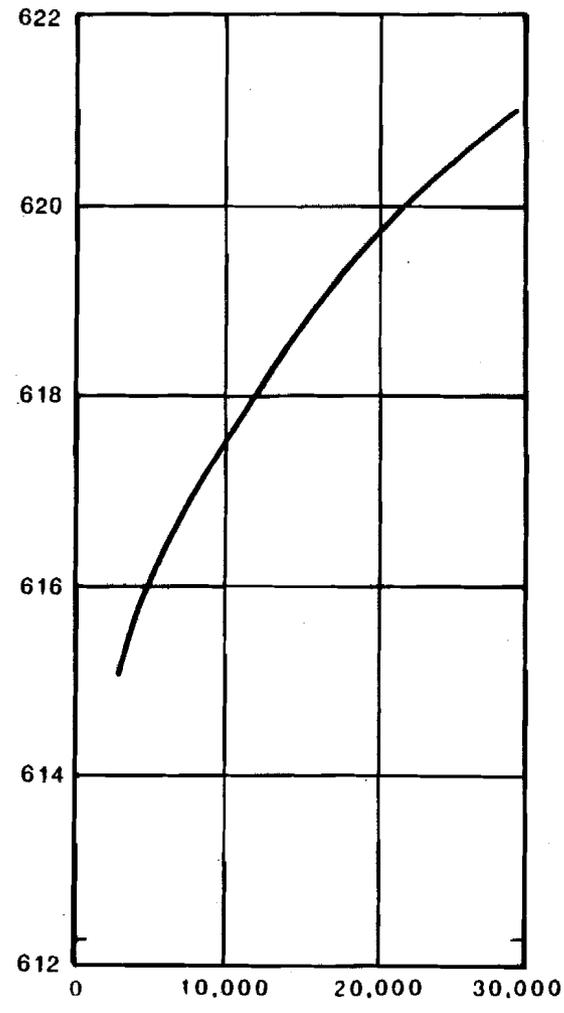
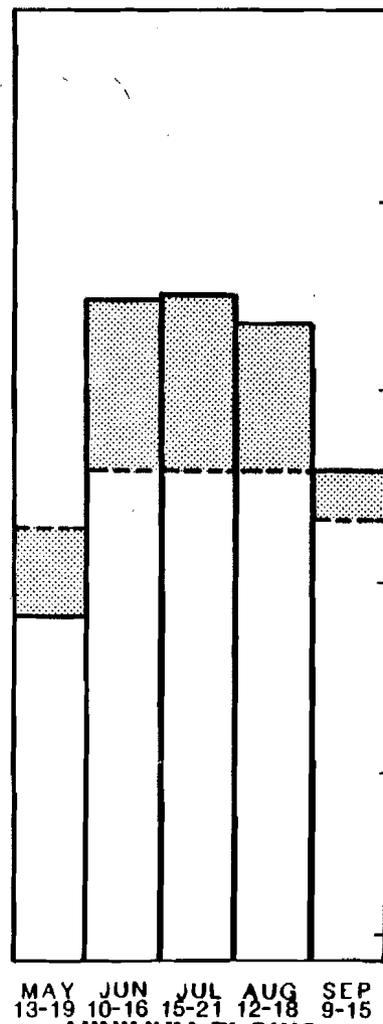
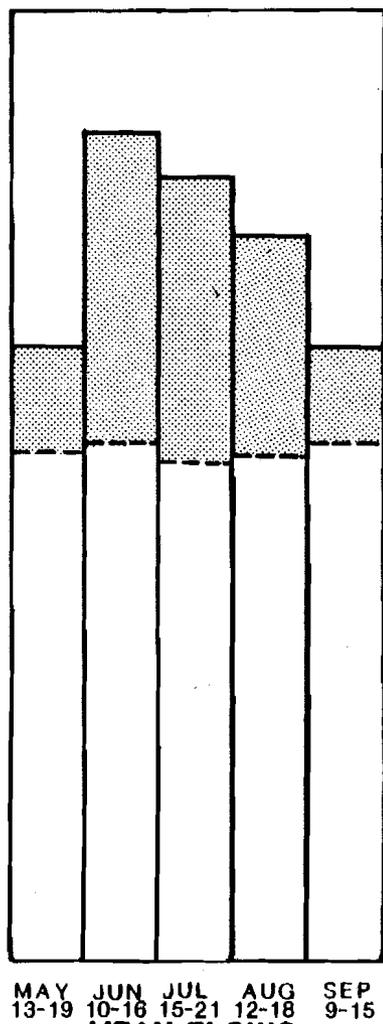
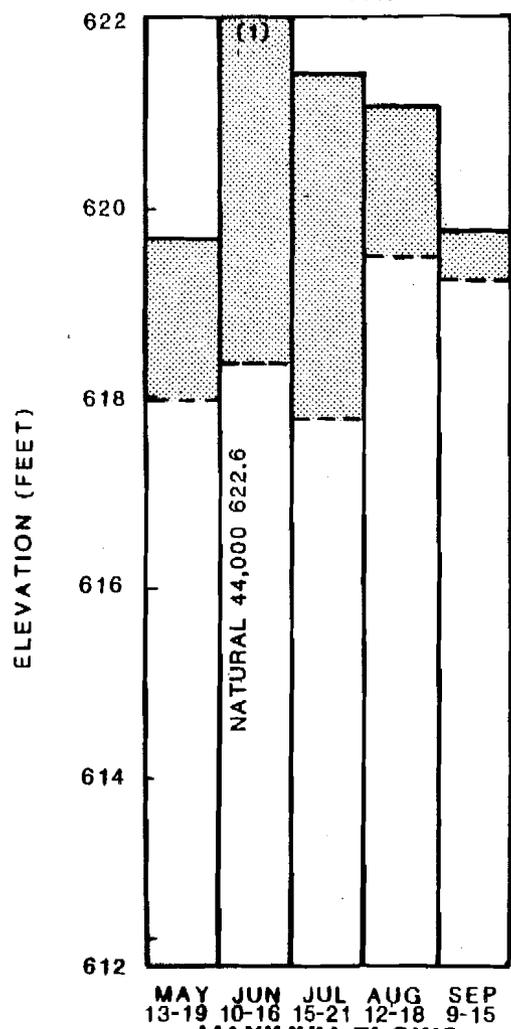
— PRE-PROJECT

- - - OPERATION



ELEVATION CHANGE

..... EXTRAPOLATED



- NOTES:**
1. WATER SURFACE ELEVATION ABOVE RATING CURVE
  2. RATING BASED ON COMPUTATIONS AND OBSERVATIONS (HE 1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES.

**2020 ENERGY DEMANDS  
WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE  
WATER SURFACE ELEVATIONS AT RIVER MILE 130.9**

**GOLD CREEK DISCHARGE (CFS)**

REPLACES  
FIGURE E.2.196

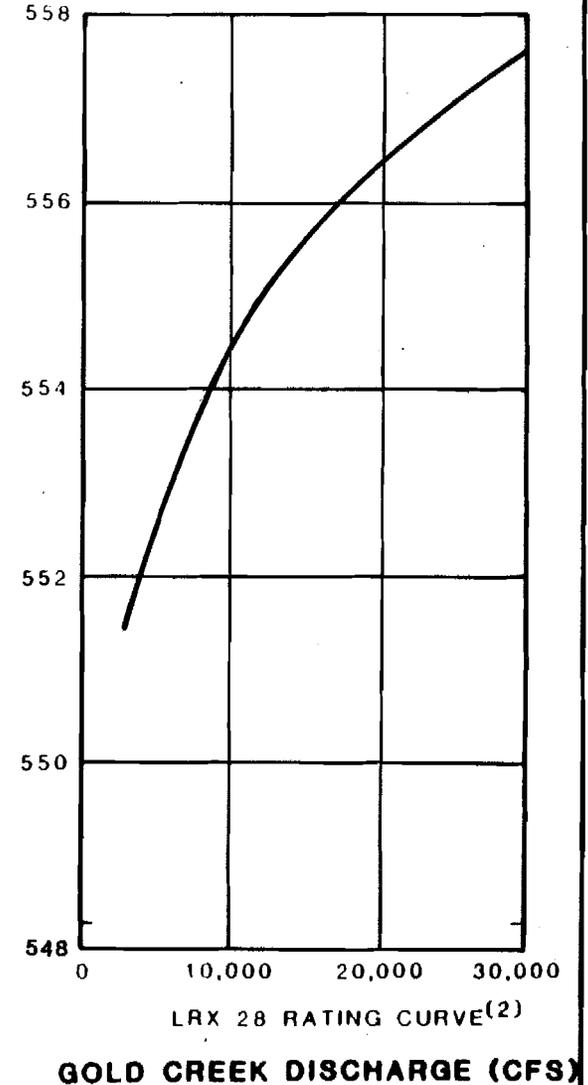
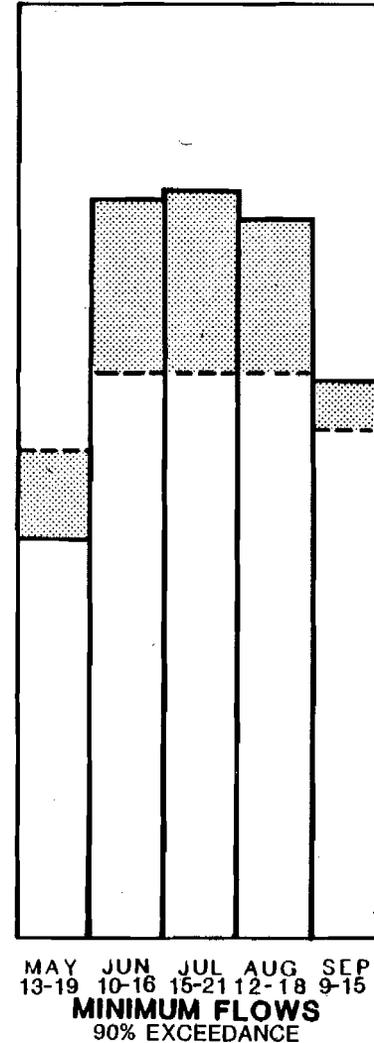
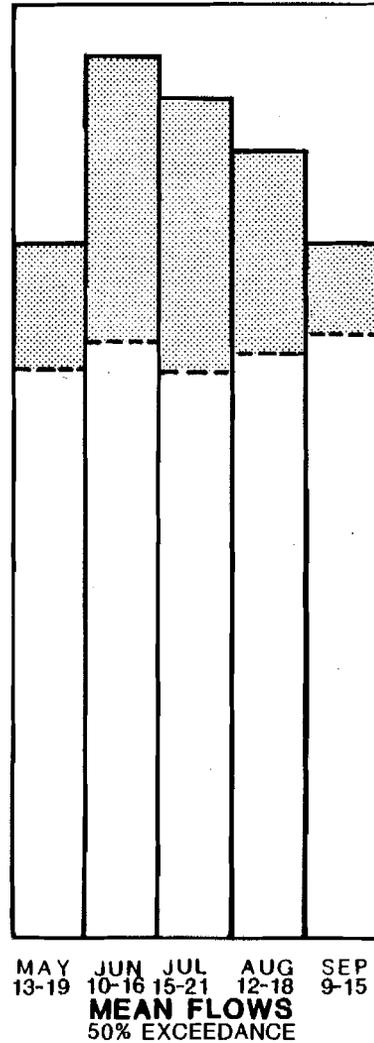
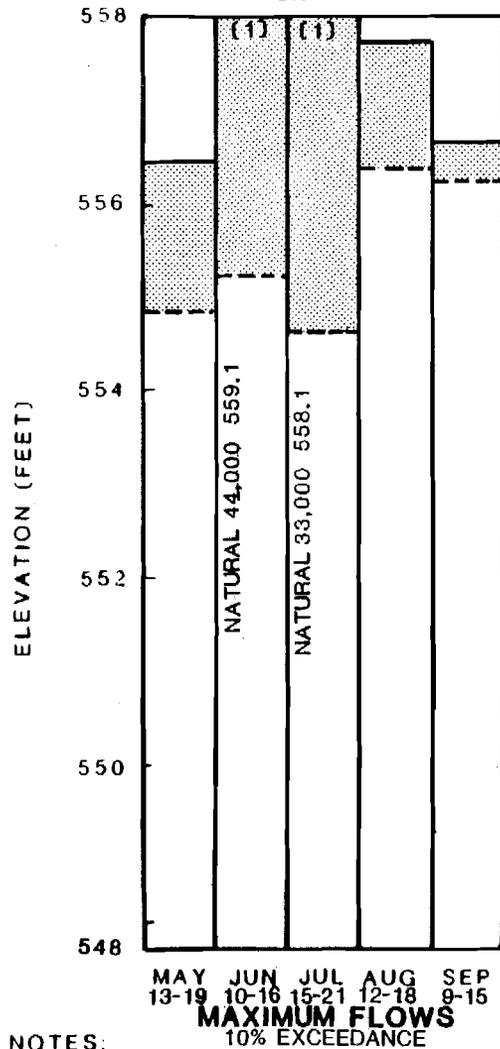
**EXHIBIT 27**

LEGEND:

— PRE-PROJECT  
 - - - OPERATION

 ELEVATION CHANGE

..... EXTRAPOLATED



- NOTES:
1. WATER SURFACE ELEVATION ABOVE RATING CURVE
  2. RATING BASED ON COMPUTATIONS AND OBSERVATIONS (HE1984-) MIDDLE AND LOWER RIVER WATER SURFACE PROFILES AND DISCHARGE RATING CURVES.

**2020 ENERGY DEMANDS  
 WATANA/DEVIL CANYON OPERATION: WEEKLY AVERAGE  
 WATER SURFACE ELEVATIONS AT RIVER MILE 124.4**

REPLACES  
 FIGURE E.2.197