

3004

**SUSITNA
HYDROELECTRIC PROJECT**

FEDERAL ENERGY REGULATORY COMMISSION
PROJECT No. 7114

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**WEEKLY STREAM FLOWS
AND FLOW DURATION CURVES AT
WATANA, DEVIL CANYON, GOLD CREEK,
SUNSHINE AND SUSITNA STATION
THREE STAGE PROJECT**

VOLUME 1
STAGES I AND II

FINAL REPORT

HARZA-EBASCO
SUSITNA JOINT VENTURE

DECEMBER 1985
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Alaska Power Authority

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SUSITNA HYDROELECTRIC PROJECT

WEEKLY STREAM FLOWS AND FLOW DURATION CURVES

AT

WATANA, DEVIL CANYON, GOLD CREEK, SUNSHINE AND SUSITNA STATION
THREE STAGE PROJECT

VOLUME 1, STAGES I AND II

Prepared by

Harza-Ebasco Susitna Joint Venture

Prepared for
Alaska Power Authority

Final Report
December 1985

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WEEKLY STREAM FLOWS AND FLOW DURATION CURVES
FOR THE SUSITNA RIVER BASIN
THREE STAGE PROJECT
VOLUME I - STAGES I AND II

Weekly streamflow sequences and flow duration curves were derived for natural and with-project conditions for the Susitna River at Watana Damsite, Devil Canyon Damsite, Gold Creek, Sunshine and Susitna Station (see Exhibit 1 for locations) for Case E-VI environmental flow requirements, and energy demands for Stages I, II, and III.

The period of simulation for reservoir operations was based on the historical record at the U.S. Geological Survey gaging station on the Susitna River at Gold Creek (USGS). Thirty-four years of record from December 31, 1949 through December 30, 1983 were simulated. Thirty-three complete water years^{1/} are contained in the period of simulation. The results presented in this report are for the 33 water years. The method by which recorded streamflows at the Gold Creek gage and at other gages on the Susitna River were used to develop streamflow sequences at the damsites and to fill the 34-year period where records were missing or where the gaging period was short, is explained in a previous report (HE 1985a). Observed and computed streamflows for major tributaries of the Susitna River including the Chulitna River, Talkeetna River and Skwentna River are contained in another previous report (HE 1984). Flows in these rivers would not be affected by the project.

^{1/} The standard statistical year is the period beginning October 1 of a year and ending September 30 of the next year. The water year is denoted by the calendar year in which it ends. Each water year is further divided into 52 periods. The first 51 of these periods are of equal 7-day lengths and the last is an 8-day period from September 23 through September 30 (Chow 1964, Linsley, et.al. 1958).

Simulated with-project streamflows are presented for all three stages of the project. Stages I and II are relatively short and previous flow simulations (HE 1985b) show that flows in any one year of either stage would represent conditions during the entire stage. Stage III is much longer than Stages I and II, since it represents the ultimate development of the project. Therefore, flows are provided for early and late Stage III to bound the expected energy production in this Stage. The following table defines the expected energy production in each stage and the energy production for the simulations.

Stage	<u>Period of Operation</u>		<u>Estimated Energy Production</u>		<u>Simulated Energy Production</u> (Gwh/yr)
	Begin	End	Begin (Gwh/yr)	End (Gwh/yr)	
I	1999	2004	2400	2400	2400
II	2005	2011	4200	4750	4400
III	2012	--	5130 ^{1/}	6900	5500 ^{1/} and 6900

^{1/} The estimated energy production in the first year of Stage III operation is 5130 Gwh. During the period 2011 to 2015 the Stage III reservoir will be filling and the normal maximum water level (el. 2,185) will not be attained until approximately 2015. Thus, the year 2015 would be the first year in which Stage III would operate "normally", that is, with a full reservoir in September. Energy production in this year would be approximately 5500 Gwh and so this was used for flow simulations for early Stage III. During the Stage III filling period, summer flows at Gold Creek would be close to the minimum E-VI requirements since normal excess flows would be used to raise the Stage III normal maximum water level from el. 2,000 to el. 2,185. During winter, flows will gradually change, over the filling period, from those simulated for Stage II to those simulated for early Stage III. Further discussions of flows during filling of Stages I, II and III are contained in the License Application Amendment (APA 1985).

Weekly streamflow sequences are provided in Tables 1-5, 10-12, 17-19, 25-27, and 28-30 for natural conditions, Stage I, Stage II, early Stage III and late Stage III, respectively. These tables show the release from the reservoir(s) divided into three components:

- o the discharge through the powerhouse (turbines) to generate energy,
- o the discharge through the outlet works (cone valves) to meet the Case E-VI minimum flow requirements, and
- o the discharge through the outlet works (cone valves) for flood control purposes; so called excess release. This portion of the outlet works release is made when the water level in the reservoir(s) reaches the normal maximum water level (el. 1,455 at Devil Canyon, el. 2,000 in Watana Stage I and el. 2,185 in Watana Stage III) and inflow to the reservoir(s) exceeds the minimum flow requirements and powerhouse generating capacity.

Each dam also contains a gated overflow spillway which is planned to operate when the reservoir water level exceeds the environmental flood surcharge level. This is at el. 1,456 in Devil Canyon Reservoir, el. 2,014 in Watana Stage I and el. 2,193 in Watana Stage III. All floods with return periods of 50 years or less can be stored in these pools and released through the outlet works without using the spillway. For the entire 34-year period of simulation, for each stage of operation, the spillway was not required to be used. For this reason the tables in this report do not contain a column for spillway flows.

In addition to the information on project outflows, the tables contain the estimated intervening flows between the reservoir(s) and the downstream

sites. These flows are added to the reservoir releases to provide the estimated weekly flow sequences at Gold Creek, Sunshine and Susitna Station. Thus, this report provides effects of the proposed Susitna Hydroelectric Project on flows in the Susitna River for the entire 182 mile reach between Watana Dam and Cook Inlet.

The natural and with-project streamflow sequences at each of the two dam sites and the three gaging stations were used to develop weekly flow duration curves. These curves represent the cumulative frequency that a given weekly average flow is equaled or exceeded, based on the 33 water years used in the analysis. (Chow 1964, Linsley, et. al. 1958). The flow duration curves are given in tabular form and are plotted on exhibits. The following table gives the table number for the duration curves for each site and stage.

	<u>Watana</u>	<u>Devil Canyon</u>	<u>Gold Creek</u>	<u>Sunshine</u>	<u>Susitna Station</u>
Natural	6	7	8	9	10
Stage I	14	-	15	16	17
Stage II	21	22	23	24	25
Early Stage III	32	33	34	35	36
Late Stage III	37	38	39	40	41

The following table gives the exhibit numbers for the same information in plot form.

	<u>Watana</u>	<u>Devil Canyon</u>	<u>Gold Creek</u>	<u>Sunshine</u>	<u>Susitna Station</u>
Stage I	2	-	3	4	5
Stage II	6	7	8	9	10
Early Stage III	11	12	13	14	15
Late Stage III	16	17	18	19	20

Natural flow duration curves for each site are plotted on the with-project exhibits.

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. The flows from the Chulitna River, Talkeetna River and Yentna River have the most significant effects.

An analysis of the project's effects on the frequency of floods at Watana, Devil Canyon, Gold Creek, Sunshine and Susitna Station has also been performed. This analysis is contained in a separate report (HE 1985c). Information on reservoir water levels and average turbine discharges contained in the tables in this document were used in that analysis.

REFERENCES

- Alaska Power Authority, 1985, Before the Federal Energy Regulatory Commission, Project No. 7114, Amendment to the Application for Major License, Susitna Hydroelectric Project (Draft), Prepared by Harza-Ebasco Susitna Joint Venture.
- Chow, Ven Te, 1964, Handbook of Applied Hydrology, Section 8-I, Statistical and Probability Analysis of Hydrologic Data, Part I. Frequency Analysis. McGraw-Hill.
- Harza-Ebasco Susitna Joint Venture, 1984, Susitna Hydroelectric Project Weekly Flow Duration Curves and Observed and Filled Weekly Flows for the Susitna River Basin, prepared for the Alaska Power Authority.
- _____, 1985a, Susitna Hydroelectric Project, Case E-VI Alternative Flow Regime, Appendix D - Streamflow Time Series, Prepared for the Alaska Power Authority.
- _____, 1985b, Susitna Hydroelectric Project, Case E-VI Alternative Flow Regime, Appendices E and F, Stream Flows and Flow Duration Curves, Prepared for the Alaska Power Authority.
- _____, 1985c, Susitna Hydroelectric Project, Flood-Frequency Analyses for Natural and With Project Conditions, Prepared for the Alaska Power Authority.
- Linsley, R.K., Kohler, M.A., and Paulhus, J.L., 1958, Hydrology for Engineers, Chapter 11, Frequency and Duration Studies, McGraw-Hill.
- U.S. Department of the Interior, Geological Survey, 1949-1984, Reports entitled "Quantity and Quality of Surface Waters of Alaska" 1950-1960, "Surface Water Supply of the United States" 1961-1970, "Water Resources Data For Alaska, 1971-1984.

TABLE 1

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7

TABLE 1 (Continued)

NSTURAL WEEKLY FLOWS^{1/} 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.								

^{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 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7

TABLE 1 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.
	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.	1571.	1829.	2129.	2300.	2329.	2414.	2014.
	1600.	1500.	1500.	1600.	1629.	1650.	1700.	1771.	1886.	2443.
	5623.	20400.	20486.	13500.	21943.	18629.	16914.	18200.	21257.	17829.
	42086.	41143.	36700.	38600.	36157.	46729.	37029.	24971.	17986.	14500.
	12100.	11256.								
1982	7641.	7200.	7399.	8581.	4612.	3943.	3857.	3243.	2828.	2529.
	2385.	2300.	2300.	2300.	2300.	2300.	2300.	2314.	2357.	1721.
	1250.	1100.	1100.	1100.	1164.	1497.	1500.	1500.	1657.	2200.
	3386.	8100.	15000.	20143.	22714.	26143.	21857.	28857.	28000.	19500.
	24114.	24514.	27500.	23657.	16629.	14471.	12629.	14014.	13486.	16886.
	26557.	16729.								
1983	10429.	8201.	6669.	3914.	2971.	2786.	2643.	2471.	2400.	2300.
	2300.	2300.	2443.	2771.	2400.	2429.	2000.	1957.	1900.	2043.
	2086.	1957.	1814.	1700.	1643.	1514.	1500.	1529.	1786.	2414.
	4600.	11086.	19143.	17000.	24143.	27343.	19586.	23886.	23671.	25371.
	21857.	18243.	19714.	21014.	26586.	25414.	21757.	26671.	18957.	12586.
	10334.	11878.								

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

TABLE 2

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 2 (Continued)

NATURAL WEEKLY FLOWS^{1/} 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.								

^{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 7
Synthesized flows for the period Oct. 49 through Apr. 81

TABLE 3

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

1950	43908.	29117.	22339.	16780.	13790.	12745.	13566.	11247.	8263.	8486.
	9512.	7965.	7384.	6941.	8078.	8011.	7411.	7249.	7571.	6572.
	5959.	5974.	5500.	5089.	4808.	4829.	4956.	5264.	5968.	6501.
	10176.	52328.	74936.	74650.	87927.	102382.	88419.	117563.	112285.	105677.
	123061.	131695.	153538.	137306.	134312.	136557.	109387.	92125.	67084.	76127.
	92561.	97161.								
1951	67519.	66614.	51920.	35232.	21703.	16143.	17412.	12027.	10900.	11124.
	10884.	8560.	8026.	7242.	7042.	8017.	8225.	9091.	9128.	8281.
	8407.	7118.	6926.	6439.	6118.	6707.	5943.	7413.	8292.	12234.
	26871.	67040.	67810.	67049.	68214.	102416.	114406.	94715.	121856.	123157.
	147370.	128703.	106340.	113181.	118847.	100781.	101177.	90190.	100554.	77073.
	96463.	71611.								
1952	40531.	36647.	30195.	21763.	17999.	15165.	12798.	14454.	14597.	10704.
	11269.	10959.	9987.	7930.	7910.	8045.	7721.	6756.	6000.	5923.
	6114.	6000.	6059.	6021.	5683.	5090.	4742.	4220.	4007.	5117.
	5896.	13923.	32778.	48173.	72412.	92360.	94858.	102934.	116650.	113248.
	108657.	117456.	117715.	122851.	118012.	109236.	83115.	68168.	64785.	57035.
	57938.	86464.								
1953	49328.	49154.	34080.	24900.	23341.	23921.	18098.	16167.	15760.	11681.
	9569.	11434.	9717.	9564.	8249.	8558.	8561.	7557.	7490.	7371.
	6367.	6033.	6099.	5284.	5052.	5340.	5141.	5372.	6047.	8315.
	26008.	38575.	51333.	75645.	76106.	84102.	91417.	93951.	121038.	113785.
	121106.	123221.	111921.	136813.	137032.	123097.	103946.	94908.	85757.	101842.
	138830.	100932.								
1954	44768.	49035.	54159.	38408.	22362.	22500.	19675.	16371.	12492.	11094.
	12108.	10587.	8900.	9423.	9079.	8290.	7341.	6712.	6591.	7008.
	6609.	6627.	6982.	6657.	5982.	6058.	5843.	5589.	6973.	7508.
	33326.	44419.	59851.	64795.	61916.	76641.	76684.	83279.	110786.	103957.
	101063.	91740.	84833.	102666.	107222.	103076.	98938.	79086.	54075.	54336.
	72130.	49700.								
1955	30476.	35842.	28349.	27077.	22645.	18580.	13163.	11185.	12573.	9135.
	9012.	9947.	8719.	9319.	8374.	7684.	7621.	7655.	7601.	7054.
	6876.	6749.	6740.	6273.	5476.	6072.	6355.	6163.	6074.	7523.
	15327.	27019.	55208.	75376.	85170.	107583.	106433.	117490.	130427.	149490.
	163352.	158321.	154281.	125396.	130536.	134104.	107720.	84051.	75624.	83242.
	80872.	90884.								
1956	48071.	53300.	52957.	41096.	24436.	18382.	15316.	14069.	12410.	9802.
	10818.	9617.	10554.	9438.	9078.	8011.	8111.	8336.	7949.	7652.
	7301.	7156.	6236.	6186.	5313.	5447.	5933.	5262.	5482.	6637.
	12427.	46829.	54658.	72000.	93736.	150597.	165910.	145252.	138117.	129368.
	141350.	139364.	122908.	126408.	123754.	113928.	78886.	62031.	47315.	57219.
	78587.	57761.								

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

TABLE 3 (Continued)

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

1957	31847.	26644.	21520.	21679.	19788.	21126.	18736.	13097.	11604.	8081.
	7304.	6742.	7002.	7060.	7262.	7344.	7281.	7222.	7549.	6783.
	7519.	6286.	5879.	5858.	5630.	5703.	5205.	4824.	5595.	7579.
	14093.	30372.	56280.	72205.	109300.	142279.	128909.	135763.	112330.	103394.
	108496.	108911.	100897.	107220.	115034.	125555.	98941.	82600.	66069.	72590.
	65488.	66847.								
1958	34454.	34575.	24224.	25445.	29117.	29336.	22682.	14985.	17757.	14453.
	10406.	8362.	8636.	9478.	9102.	8298.	7979.	7512.	7017.	6449.
	6706.	6769.	6577.	7133.	5655.	5082.	5660.	5834.	6441.	6906.
	10662.	18636.	41789.	63809.	63654.	75399.	78308.	84072.	99058.	102785.
	103651.	94873.	90151.	120563.	111573.	105419.	82602.	65000.	44834.	45239.
	43506.	38815.								
1959	30324.	28468.	28666.	27216.	20259.	18445.	13355.	9513.	10001.	7323.
	7292.	7962.	8613.	7239.	7412.	7370.	7555.	7395.	7143.	6529.
	5969.	5176.	5094.	5159.	5448.	5423.	5640.	5436.	6227.	7617.
	10839.	23743.	62607.	80472.	77267.	102149.	81643.	100695.	125612.	119711.
	123872.	129333.	104259.	101079.	100347.	77839.	98052.	86150.	58722.	38338.
	35639.	28438.								
1960	29030.	29992.	22826.	20245.	18005.	19834.	13803.	11658.	12502.	8555.
	9890.	9129.	8985.	9366.	8706.	8118.	7998.	8041.	7917.	8103.
	8623.	9018.	8994.	7965.	7634.	7894.	7273.	6739.	8026.	9918.
	33264.	68046.	82120.	83644.	94576.	96641.	86741.	100916.	115642.	127103.
	119182.	123931.	170800.	199000.	176719.	189015.	134594.	102503.	72426.	97975.
	89392.	106901.								
1961	51705.	37725.	30760.	22525.	12674.	15537.	13448.	12813.	13506.	11712.
	11149.	9481.	9280.	9857.	8413.	8727.	8816.	8876.	9082.	9591.
	9900.	9229.	8255.	7767.	8185.	7838.	8906.	8146.	8667.	10228.
	28174.	64817.	84075.	80654.	82125.	97265.	115730.	122123.	128578.	113007.
	122769.	130393.	128479.	122641.	137169.	118560.	111599.	82123.	64822.	90463.
	77763.	79348.								
1962	64718.	40876.	31859.	33817.	24776.	21985.	18640.	16282.	16628.	12216.
	10534.	9057.	9337.	9211.	8405.	8587.	8484.	8293.	8437.	8368.
	7739.	7411.	7009.	6872.	6719.	7516.	7468.	7867.	9323.	9969.
	20540.	20943.	52888.	69509.	85063.	95796.	127575.	125847.	131419.	137590.
	152287.	161963.	180678.	156414.	118110.	116761.	107602.	107025.	81625.	66023.
	59088.	58142.								
1963	31178.	24348.	22517.	23222.	14519.	14850.	10152.	8855.	8775.	8723.
	9478.	9908.	9861.	9165.	8465.	8262.	7996.	7351.	7256.	7176.
	6739.	6876.	6402.	6401.	6153.	5955.	5799.	5160.	5016.	5639.
	8114.	20583.	68327.	80014.	104264.	109091.	85982.	106212.	116103.	129122.
	159300.	181969.	129193.	115417.	104871.	104118.	106673.	84471.	74285.	71029.
	65091.	62852.								

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

TABLE 3 (Continued)

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

1964	45462.	35505.	29943.	20584.	16084.	13974.	11861.	7797.	7459.	6526.
	6482.	6298.	7156.	7779.	8184.	8181.	8309.	7391.	7015.	7044.
	6671.	6351.	5710.	5167.	5194.	4924.	5112.	5080.	5127.	6099.
	6234.	14734.	30130.	44551.	68378.	137927.	113154.	130444.	136860.	108425.
	128782.	127186.	108428.	112640.	107884.	99618.	102640.	71642.	48036.	39700.
	38225.	41221.								
1965	27938.	39213.	28555.	25368.	16716.	15455.	12096.	11869.	12270.	9531.
	9358.	8864.	8624.	7969.	7709.	7629.	6972.	6348.	6707.	6704.
	6468.	6072.	6017.	5961.	6140.	6182.	6492.	6418.	7708.	8732.
	21489.	28716.	64135.	77287.	106588.	117383.	95667.	111748.	144774.	141831.
	160970.	156289.	115332.	130948.	111939.	112918.	88214.	67337.	68851.	71238.
	87068.	116064.								
1966	57970.	40881.	39942.	41295.	31083.	22967.	19259.	17231.	13962.	10652.
	8190.	8980.	8175.	7800.	8050.	7971.	8213.	7994.	8129.	7653.
	7955.	6656.	6576.	6268.	6494.	6687.	6061.	6495.	6720.	6368.
	5864.	11178.	38232.	58985.	55947.	109891.	110815.	101072.	113252.	96537.
	112446.	115419.	139262.	132561.	150971.	135464.	134475.	109027.	86444.	95732.
	140034.	101196.								
1967	67409.	49468.	31774.	22638.	14014.	9155.	9216.	10456.	8270.	6577.
	6941.	5927.	5955.	5486.	6070.	6639.	6798.	6962.	7046.	6803.
	6488.	5990.	5783.	6142.	5706.	5750.	5864.	5467.	4789.	4999.
	3840.	10176.	33517.	47849.	46019.	63949.	64423.	78571.	96355.	93337.
	106370.	119743.	118396.	115583.	123717.	156327.	110053.	90987.	91006.	81832.
	61336.	64114.								
1968	43859.	46190.	31570.	23508.	19013.	16007.	10823.	13318.	12816.	10849.
	9223.	8552.	7997.	8672.	8650.	8700.	8864.	8581.	9108.	8985.
	8287.	8116.	7662.	7150.	7596.	7946.	7219.	7968.	10356.	17849.
	43558.	85592.	84823.	98473.	128513.	137609.	171711.	144743.	123692.	138546.
	147356.	121545.	130967.	111105.	109034.	89516.	93243.	70645.	51645.	44064.
	34763.	29829.								
1969	18546.	13933.	13199.	10256.	8739.	7845.	8127.	8710.	7957.	6723.
	5787.	5527.	6440.	7669.	7539.	7392.	7265.	7192.	6740.	6363.
	6501.	6367.	6163.	5856.	6065.	5738.	5601.	5558.	7898.	12362.
	28629.	80229.	90010.	96604.	118465.	111209.	115110.	129307.	125301.	118350.
	125735.	119527.	98684.	108171.	119823.	75329.	55311.	53616.	42702.	39700.
	36440.	34604.								
1970	27602.	39243.	32700.	16002.	15066.	10141.	9107.	7637.	7819.	5734.
	5730.	5460.	5422.	6288.	6716.	6967.	6679.	6880.	7034.	6579.
	6491.	6482.	6328.	6063.	6009.	5872.	6121.	6248.	7045.	9171.
	23597.	42622.	79017.	90576.	110752.	114644.	108046.	115467.	137293.	149123.
	133578.	138792.	148283.	147761.	124733.	118872.	109683.	85764.	73957.	61226.
	54377.	39042.								

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

TABLE 3 (Continued)

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

1971	24958.	21122.	19282.	17057.	15726.	13688.	13383.	11047.	10605.	9120.
	8678.	8685.	8015.	8053.	8243.	8366.	7908.	7311.	6857.	6062.
	5833.	6029.	5569.	5240.	5138.	4865.	5200.	5524.	5344.	6230.
	6941.	16084.	38446.	63738.	73277.	105818.	117307.	119056.	182134.	161398.
	161463.	148971.	102895.	105224.	147290.	131674.	96995.	87347.	92284.	64742.
	58972.	53853.								
1972	29710.	33996.	22152.	17829.	12583.	12306.	10498.	8666.	8618.	7595.
	7079.	8362.	8265.	8424.	9466.	8379.	8446.	7971.	8571.	7594.
	7287.	6399.	6378.	5745.	6029.	6520.	6775.	6698.	6836.	6552.
	14483.	47584.	53202.	68593.	111795.	113148.	116944.	118835.	121664.	124905.
	147462.	118639.	115735.	123117.	115921.	102627.	99551.	75340.	68338.	71842.
	64769.	41482.								
1973	21506.	14672.	35958.	28931.	25442.	19223.	14392.	10877.	10650.	10434.
	9534.	8676.	7894.	7967.	7543.	7000.	6736.	6546.	6590.	6392.
	6105.	6013.	5194.	5320.	5142.	5247.	5535.	4801.	4586.	5932.
	5533.	17690.	58830.	63104.	61209.	78992.	87819.	135321.	129443.	115819.
	102725.	87018.	94787.	92223.	99601.	77736.	98525.	86027.	62687.	63975.
	61009.	56062.								
1974	39089.	31808.	23485.	17985.	16811.	13702.	10291.	10302.	10500.	8582.
	7611.	7869.	8513.	8881.	8300.	8188.	8087.	8005.	7654.	8176.
	8186.	7938.	8219.	7314.	6992.	6997.	6781.	6770.	7370.	11310.
	35106.	74190.	57603.	78285.	92780.	82818.	63457.	76000.	101992.	92659.
	91189.	89850.	96956.	91090.	96909.	89718.	76353.	86761.	75215.	55601.
	44260.	48981.								
1975	25571.	25571.	17143.	13286.	11143.	11000.	10143.	10000.	10000.	9786.
	9500.	9286.	9000.	9000.	8786.	8500.	8500.	8000.	8000.	8000.
	7500.	7500.	7000.	7000.	7000.	7000.	6786.	6500.	6500.	7286.
	9214.	14571.	34429.	78029.	112500.	129429.	110286.	135429.	140857.	142857.
	153429.	137857.	118429.	110143.	99571.	98300.	84614.	67986.	61700.	89157.
	94271.	80457.								
1976	45443.	33800.	31614.	21429.	16000.	12286.	9357.	7643.	6429.	6000.
	6000.	6000.	6000.	6343.	6571.	6800.	6400.	6229.	6000.	5600.
	5371.	5200.	5343.	5400.	5400.	5400.	5400.	5400.	5714.	9000.
	46143.	98086.	66514.	62714.	62729.	92829.	121529.	111571.	114057.	125857.
	120429.	116571.	106671.	111343.	118571.	102657.	90243.	67700.	42371.	38714.
	52857.	67943.								
1977	32900.	29857.	30000.	30429.	22000.	18857.	19286.	17143.	15571.	14571.
	13429.	12286.	11714.	11571.	10143.	9571.	9500.	9929.	9357.	8643.
	8786.	7786.	7143.	6643.	6500.	6500.	6143.	6000.	6000.	6571.
	8241.	18143.	56157.	88457.	118829.	158143.	173000.	172286.	168571.	149143.
	142286.	150143.	134857.	136143.	133429.	134000.	134429.	89100.	73657.	97629.
	84771.	92643.								

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

TABLE 3 (Continued)

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

1978	56729.	46714.	33429.	24000.	18429.	15286.	12571.	10057.	20171.	7914.
	7486.	7343.	7200.	7029.	7000.	7000.	7000.	6800.	6800.	6800.
	6800.	6600.	6600.	6600.	6600.	6557.	6429.	6457.	6800.	7714.
	13029.	44286.	59714.	56871.	63029.	69714.	95271.	93529.	112571.	115143.
	118857.	117857.	117286.	124000.	120143.	105014.	93371.	70643.	72129.	66700.
	51814.	37700.								
1979	31000.	45143.	42000.	32000.	26571.	19714.	13429.	10286.	9857.	9500.
	9500.	9214.	9000.	9000.	9000.	9000.	8500.	8500.	8143.	8000.
	7714.	7429.	7000.	7000.	7000.	7000.	6500.	6786.	8143.	11357.
	22714.	67143.	88214.	94371.	125571.	125000.	116286.	104857.	133000.	129143.
	136143.	151286.	155429.	137571.	138286.	143714.	124143.	94457.	58329.	55400.
	92114.	114229.								
1980	65943.	83900.	55914.	38229.	39214.	38829.	36929.	22286.	19286.	17357.
	15286.	13186.	12071.	11286.	10429.	9929.	9500.	9357.	9186.	9043.
	8871.	8800.	8857.	9129.	8700.	8986.	9629.	10357.	12000.	14571.
	23714.	55629.	67929.	77014.	109586.	138143.	141571.	151286.	147429.	161143.
	189857.	190571.	174857.	172143.	137714.	131571.	118714.	99286.	84429.	83571.
	107714.	102143.								
1981	42571.	40143.	33543.	27486.	22557.	19714.	14143.	14143.	13714.	10429.
	8429.	7286.	6929.	6857.	7429.	8071.	8143.	8571.	8857.	7571.
	6714.	6071.	6000.	6000.	6214.	6571.	7214.	8000.	9143.	13429.
	39857.	85714.	92857.	86171.	105971.	99400.	94129.	116714.	120857.	102600.
	152900.	188857.	171286.	165714.	162714.	206714.	133857.	115571.	97457.	69414.
	56100.	48186.								
1982	30457.	27586.	31114.	48527.	25657.	21286.	17571.	14343.	13000.	12286.
	12000.	11429.	11000.	10286.	9286.	8857.	8500.	8071.	7571.	7071.
	7000.	6500.	5857.	5500.	5000.	5000.	5000.	5071.	5714.	6786.
	9714.	27000.	55100.	61329.	70271.	103457.	103629.	108257.	126000.	101486.
	102729.	107000.	138143.	131000.	104571.	93929.	81286.	80857.	82857.	94143.
	174571.	104857.								
1983	54957.	36271.	28829.	22286.	18857.	16857.	15143.	13714.	12286.	11000.
	9943.	9086.	8914.	10000.	8486.	7857.	7800.	7600.	7686.	8600.
	9229.	8429.	7600.	7057.	6771.	6600.	6543.	6443.	6886.	9257.
	19786.	54829.	80286.	68714.	87286.	107857.	77143.	106571.	122143.	117714.
	111714.	99271.	90614.	95200.	145143.	113457.	89814.	84929.	73629.	49714.
	42171.	46829.								

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

TABLE 4

COMPUTED WEEKLY FLOWS^{1/} 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.								

^{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 4 (Continued)

COMPUTED WEEKLY FLOWS^{1/} 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.								

^{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 4 (Continued)

COMPUTED WEEKLY FLOWS^{1/} 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.								

^{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 4 (Continued)

COMPUTED WEEKLY FLOWS^{1/} 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.								

^{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 4 (Continued)

COMPUTED WEEKLY FLOWS^{1/} 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.
	11339.	8978.								
1980	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.
	26663.	28137.	25275.	28150.	19051.	18006.	16331.	11948.	8723.	9329.
	15679.	10243.								
1981	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.
	4737.	17566.	17640.	11625.	19077.	16465.	14949.	16085.	18788.	14090.
	33261.	32516.	29007.	31168.	30077.	38871.	30803.	20647.	15158.	12220.
	10197.	8299.								
1982	5901.	5560.	5713.	6627.	3364.	2845.	2782.	2339.	2057.	1971.
	1860.	1794.	1794.	1697.	1695.	1695.	1695.	1729.	1662.	1213.
	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.								
1983	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.								

^{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

COMPUTED WEEKLY FLOWS^{1/} 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.								

^{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^{1/} 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.								

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^{1/} 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.								

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^{1/} 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^{1/} 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.								

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 6

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 6 (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 6 (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 6 (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 6 (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 6 (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 6 (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
81.8	16451	93.9	12674	90.9	14985
84.8	15286	100.0	11852	93.9	14295
93.9	13197			100.0	13637
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 6 (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 6 (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 ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	21031	0.0	20967	18346
3.0	16141	3.0	17506	15318
24.2	12388	6.1	15995	13996
30.3	11342	9.1	14616	12789
39.4	10384	15.2	13355	11686
54.5	9507	21.2	12203	10678
66.7	8705	39.4	11150	9756
72.7	7970	45.5	10189	8915
78.8	7297	54.5	9310	8146
81.8	6681	66.7	8506	7443
87.9	6117	69.7	7773	6801
90.9	5600	72.7	7102	6214
97.0	4298	75.8	6489	5678
100.0	3935	84.8	5929	5188
		87.9	5418	4741
		93.9	4951	4332
		97.0	4134	3617
		100.0	3777	3305

^{1/} The values in this column represent the total flow between Sep. 23 and 30, divided by 7.

^{2/} The flows in this column represent the mean flow for the 8-day period, Sep. 23 to 30.

TABLE 7

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 7 (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 7 (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 7 (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 7 (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 7 (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 7 (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 7 (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 7 (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 ^{1/} (CFS)	DISCHARGE ^{2/} (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 8

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 8 (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 8 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 8 (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 8 (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 8 (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 8 (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 8 (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 8 (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 ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	26584.	0.0	25068.	21935.
2.9	22162.	2.9	22910.	20046.
8.8	20235.	5.9	19135.	16743.
23.5	15403.	14.7	17487.	15301.
29.4	14064.	20.6	15982.	13984.
41.2	12841.	26.5	14606.	12780.
55.9	11724.	38.2	13348.	11680.
67.6	10705.	44.1	12199.	10674.
70.6	9774.	52.9	11149.	9755.
79.4	8148.	67.6	10189.	8915.
85.3	7440.	70.6	9312.	8148.
91.2	6793.	73.5	7777.	6805.
97.1	5171.	82.3	7108.	6220.
100.0	4721.	88.2	6496.	5684.
		97.1	4958.	4338.
		100.0	4531.	3965.

^{1/} The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

^{2/} The flows in this column represent the mean flow for the 8 day period, Sept. 23 to 30.

TABLE 9

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.		

TABLE 9 (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 9 (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 9 (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 9 (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 9 (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 9 (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 9 (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 9 (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 ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	76233.	0.0	79129.	69238.
2.9	52508.	2.9	48651.	42570.
8.8	43578.	8.8	44141.	38623.
17.6	39700.	11.8	40049.	35043.
20.6	36167.	23.5	36337.	31795.
35.3	32948.	32.3	32968.	28847.
47.1	30016.	38.2	29912.	26173.
55.9	27345.	47.1	27139.	23747.
67.6	24911.	64.7	24623.	21545.
76.5	22694.	79.4	22341.	19548.
91.2	18835.	85.3	18391.	16092.
97.1	14240.	91.2	15139.	13247.
100.0	12973.	94.1	13736.	12019.
		100.0	12463.	10905.

^{1/} The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

^{2/} The flows in this column represent the mean flow for the 8 day period, Sept. 23 to 30.

TABLE 10

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 10 (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 10 (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 10 (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 10 (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 10 (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 10 (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 10 (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 10 (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 ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	174746.	0.0	116180.	101658.
2.9	147415.	5.9	107880.	94395.
8.8	114220.	20.6	100172.	87651.
11.8	104908.	23.5	93015.	81388.
14.7	96356.	32.3	86369.	75573.
26.5	88500.	35.3	80199.	70174.
32.3	81285.	38.2	74469.	65160.
41.2	74658.	41.2	69148.	60505.
44.1	68572.	47.1	64208.	56182.
52.9	62981.	52.9	59620.	52168.
67.6	57847.	61.8	55361.	48441.
73.5	53131.	64.7	51405.	44979.
79.4	44821.	73.5	47733.	41766.
88.2	41167.	76.5	44322.	38782.
91.2	37811.	82.3	41156.	36012.
100.0	34728.	88.2	38215.	33438.
		91.2	35485.	31049.
		94.1	30596.	26772.
		100.0	28410.	24859.

^{1/} The values in this column represent the total flow between Sept. 23 and 30, divided by 7.

^{2/} The flows in this column represent the mean flow for the 8 day period, Sept. 23 to 30.

TABLE 11

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5680.	0.	0.	5680.	1982.4	736.	6416.
2	4029.	5343.	0.	0.	5343.	1981.4	657.	6000.
3	3518.	4427.	0.	0.	4427.	1980.7	573.	5000.
4	2007.	4185.	0.	0.	4185.	1979.1	327.	4512.
5	1248.	4657.	0.	0.	4657.	1976.5	223.	4880.
6	1176.	5170.	0.	0.	5170.	1973.5	210.	5380.
7	1103.	5664.	0.	0.	5664.	1970.0	197.	5861.
8	1042.	6175.	0.	0.	6175.	1966.1	187.	6362.
9	994.	6690.	0.	0.	6690.	1961.8	177.	6867.
10	903.	7425.	0.	0.	7425.	1956.9	197.	7622.
11	903.	7840.	0.	0.	7840.	1951.7	197.	8037.
12	903.	7514.	0.	0.	7514.	1946.1	197.	7711.
13	903.	6813.	0.	0.	6813.	1940.8	197.	7010.
14	828.	6318.	0.	0.	6318.	1936.0	152.	6470.
15	812.	6323.	0.	0.	6323.	1931.1	148.	6471.
16	812.	6345.	0.	0.	6345.	1926.2	148.	6493.
17	812.	6354.	0.	0.	6354.	1921.3	148.	6502.
18	757.	6363.	0.	0.	6363.	1916.3	143.	6506.
19	667.	6424.	0.	0.	6424.	1911.2	153.	6577.
20	667.	6388.	0.	0.	6388.	1906.2	153.	6541.
21	667.	6370.	0.	0.	6370.	1901.1	153.	6523.
22	641.	6182.	0.	0.	6182.	1895.5	145.	6327.
23	618.	5464.	0.	0.	5464.	1890.5	122.	5586.
24	618.	5001.	0.	0.	5001.	1886.0	122.	5123.
25	618.	4546.	0.	0.	4546.	1881.9	122.	4668.
26	618.	4262.	0.	0.	4262.	1878.1	122.	4384.
27	542.	4110.	0.	0.	4110.	1874.4	232.	4342.
28	700.	3730.	0.	0.	3730.	1871.3	297.	4027.
29	1071.	3330.	0.	0.	3330.	1868.9	458.	3788.
30	1861.	2939.	0.	0.	2939.	1867.8	796.	3735.
31	4923.	2361.	0.	0.	2361.	1870.5	1234.	3595.
32	14338.	2184.	0.	0.	2184.	1883.1	2991.	5175.
33	15945.	2900.	0.	0.	2900.	1896.6	3326.	6226.
34	7915.	4560.	0.	0.	4560.	1900.1	1652.	6212.
35	13828.	7420.	0.	0.	7420.	1905.8	2843.	10263.
36	26696.	9380.	0.	0.	9380.	1921.1	2847.	12227.
37	19247.	10915.	0.	0.	10915.	1928.5	2053.	12968.
38	12238.	10632.	0.	0.	10632.	1929.9	1305.	11937.
39	17232.	10315.	0.	0.	10315.	1936.0	1639.	12154.
40	18464.	9763.	0.	0.	9763.	1943.7	2265.	12028.
41	21682.	9517.	0.	0.	9517.	1953.8	2661.	12178.
42	20740.	9271.	0.	0.	9271.	1962.5	2546.	11817.
43	19074.	9116.	0.	0.	9116.	1970.1	2340.	11456.
44	17891.	9343.	0.	0.	9343.	1976.5	3538.	12881.
45	14413.	9260.	0.	0.	9260.	1980.4	3201.	12461.
46	15312.	9334.	0.	0.	9334.	1984.9	3402.	12736.
47	14985.	9403.	0.	0.	9403.	1989.2	3329.	12732.
48	21048.	9581.	0.	0.	9581.	1997.8	4552.	14133.
49	24531.	9832.	0.	11842.	21673.	2000.0	5526.	27200.
50	15237.	10010.	0.	5227.	15237.	2000.0	3434.	18671.
51	15738.	10240.	0.	5498.	15738.	2000.0	3548.	19286.
52	13323.	10396.	0.	2927.	13323.	2000.0	3002.	16325.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. RELEASE	WATANA OUTFLOW CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	4746.	8520.	0.	0.	8520.	1992.0	1754.	10274.
2	4461.	6120.	0.	0.	6120.	1990.7	1648.	7768.
3	3359.	5760.	0.	0.	5760.	1988.9	1241.	7001.
4	3359.	6277.	0.	0.	6277.	1986.7	1241.	7518.
5	2716.	5821.	0.	0.	5821.	1984.4	970.	6791.
6	2156.	6462.	0.	0.	6462.	1981.1	844.	7306.
7	2032.	7080.	0.	0.	7080.	1977.3	797.	7877.
8	1796.	7719.	0.	0.	7719.	1972.8	704.	8423.
9	1756.	8362.	0.	0.	8362.	1967.8	658.	9020.
10	1657.	7425.	0.	0.	7425.	1963.4	543.	7968.
11	1624.	9800.	0.	0.	9800.	1957.3	533.	10333.
12	1431.	9392.	0.	0.	9392.	1951.2	469.	9861.
13	1431.	8516.	0.	0.	8516.	1945.2	469.	8985.
14	1546.	7898.	0.	0.	7898.	1939.5	440.	8338.
15	1561.	7904.	0.	0.	7904.	1933.9	439.	8343.
16	1338.	7931.	0.	0.	7931.	1928.1	376.	8307.
17	1249.	7943.	0.	0.	7943.	1922.2	351.	8294.
18	1179.	7954.	0.	0.	7954.	1916.2	335.	8289.
19	1052.	8030.	0.	0.	8030.	1910.0	348.	8378.
20	1052.	7985.	0.	0.	7985.	1903.8	348.	8333.
21	1052.	7962.	0.	0.	7962.	1897.3	348.	8310.
22	949.	7727.	0.	0.	7727.	1890.3	322.	8049.
23	879.	6830.	0.	0.	6830.	1884.1	221.	7051.
24	879.	5001.	0.	0.	5001.	1879.8	221.	5222.
25	879.	4546.	0.	0.	4546.	1876.0	221.	4767.
26	879.	4262.	0.	0.	4262.	1872.5	221.	4483.
27	828.	4110.	0.	0.	4110.	1869.1	372.	4482.
28	828.	3730.	0.	0.	3730.	1866.1	372.	4102.
29	828.	3330.	0.	0.	3330.	1863.5	372.	3702.
30	828.	2939.	0.	0.	2939.	1861.3	372.	3311.
31	2519.	2361.	0.	0.	2361.	1861.5	1038.	3399.
32	3321.	2821.	0.	0.	2821.	1862.0	1179.	4000.
33	3882.	4625.	0.	0.	4625.	1861.2	1375.	6000.
34	11626.	3040.	0.	0.	3040.	1870.1	4117.	7157.
35	12771.	4240.	0.	0.	4240.	1879.0	4658.	8698.
36	17007.	5678.	0.	0.	5678.	1890.7	3322.	9000.
37	27727.	6560.	0.	0.	6560.	1910.8	5416.	11976.
38	30081.	7360.	0.	0.	7360.	1931.0	5876.	13236.
39	28168.	9525.	0.	0.	9525.	1947.5	5503.	15028.
40	29660.	9428.	0.	0.	9428.	1963.2	4526.	13954.
41	24776.	9100.	0.	0.	9100.	1975.0	3781.	12821.
42	19124.	8864.	0.	0.	8864.	1982.8	2919.	11783.
43	22869.	8701.	0.	0.	8701.	1993.5	3468.	12189.
44	20805.	8911.	0.	3288.	12199.	2000.0	1809.	14008.
45	19270.	8905.	0.	10365.	19270.	2000.0	1630.	20900.
46	19771.	9058.	0.	10713.	19771.	2000.0	1672.	21443.
47	24039.	9227.	0.	14812.	24039.	2000.0	2032.	26071.
48	34146.	9561.	0.	24000.	33561.	2000.4	3097.	36658.
49	17921.	9793.	0.	8713.	18506.	2000.0	1750.	20256.
50	13691.	10002.	0.	3689.	13691.	2000.0	1338.	15029.
51	11128.	10218.	0.	910.	11128.	2000.0	1086.	12214.
52	8763.	10396.	0.	0.	10396.	1998.6	856.	11252.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6059.	9940.	0.	0.	9940.	1995.7	1177.	11117.
2	4461.	7140.	0.	0.	7140.	1993.6	866.	8006.
3	3633.	5760.	0.	0.	5760.	1992.0	706.	6466.
4	3129.	6277.	0.	0.	6277.	1989.6	608.	6885.
5	2062.	6985.	0.	0.	6985.	1985.9	424.	7409.
6	1721.	6462.	0.	0.	6462.	1982.3	379.	6841.
7	1581.	7080.	0.	0.	7080.	1978.2	348.	7428.
8	1393.	7719.	0.	0.	7719.	1973.4	307.	8026.
9	1306.	8362.	0.	0.	8362.	1968.0	280.	8642.
10	1027.	7425.	0.	0.	7425.	1963.2	273.	7698.
11	1027.	9800.	0.	0.	9800.	1956.6	273.	10073.
12	1027.	9392.	0.	0.	9392.	1950.2	273.	9665.
13	1027.	8516.	0.	0.	8516.	1943.6	273.	8789.
14	848.	7898.	0.	0.	7898.	1937.4	178.	8076.
15	810.	7904.	0.	0.	7904.	1931.1	170.	8074.
16	810.	7931.	0.	0.	7931.	1924.8	170.	8101.
17	810.	6354.	0.	0.	6354.	1919.9	170.	6524.
18	809.	6363.	0.	0.	6363.	1915.0	167.	6530.
19	750.	6424.	0.	0.	6424.	1910.0	220.	6644.
20	750.	6388.	0.	0.	6388.	1905.0	220.	6608.
21	750.	6370.	0.	0.	6370.	1900.0	220.	6590.
22	739.	6182.	0.	0.	6182.	1894.3	218.	6400.
23	689.	5464.	0.	0.	5464.	1889.4	251.	5715.
24	689.	5001.	0.	0.	5001.	1884.9	251.	5252.
25	689.	4546.	0.	0.	4546.	1880.9	251.	4797.
26	689.	4262.	0.	0.	4262.	1877.2	251.	4513.
27	641.	4110.	0.	0.	4110.	1873.6	309.	4419.
28	641.	3730.	0.	0.	3730.	1870.4	309.	4039.
29	641.	3330.	0.	0.	3330.	1867.6	309.	3639.
30	641.	2939.	0.	0.	2939.	1865.2	309.	3248.
31	1798.	2361.	0.	0.	2361.	1864.6	716.	3077.
32	8483.	2184.	0.	0.	2184.	1871.2	2917.	5101.
33	12106.	2320.	0.	0.	2320.	1881.3	4165.	6485.
34	24085.	3040.	0.	0.	3040.	1902.7	8286.	11326.
35	15966.	5300.	0.	0.	5300.	1912.1	5720.	11020.
36	27294.	8040.	0.	0.	8040.	1929.2	6163.	14203.
37	35522.	10501.	0.	0.	10501.	1951.2	8021.	18522.
38	26081.	9958.	0.	0.	9958.	1963.4	5890.	15846.
39	22994.	9520.	0.	0.	9520.	1973.6	5192.	14712.
40	24335.	8949.	0.	0.	8949.	1985.2	4722.	13671.
41	26536.	8670.	0.	0.	8670.	1998.7	5150.	13820.
42	26799.	8569.	0.	16518.	25087.	2000.0	5201.	30288.
43	26153.	8571.	0.	17582.	26153.	2000.0	5076.	31229.
44	24666.	8909.	0.	15757.	24666.	2000.0	6763.	31429.
45	22447.	8919.	0.	13528.	22447.	2000.0	6324.	28771.
46	20285.	9060.	0.	11225.	20285.	2000.0	5715.	26000.
47	16173.	9193.	0.	6980.	16173.	2000.0	4556.	20729.
48	13792.	9481.	0.	4312.	13792.	2000.0	3922.	17714.
49	11446.	9764.	0.	1682.	11446.	2000.0	4554.	16000.
50	16046.	10014.	0.	6033.	16046.	2000.0	6383.	22429.
51	15637.	10240.	0.	5397.	15637.	2000.0	6220.	21857.
52	10015.	10385.	0.	0.	10385.	1999.7	3985.	14370.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1957 1	5279.	9940.	0.	0.	9940.	1996.2	1921.	11861.
2	5279.	7140.	0.	0.	7140.	1994.7	1921.	9061.
3	3583.	5760.	0.	0.	5760.	1993.1	1303.	7063.
4	3300.	6277.	0.	0.	6277.	1990.8	1200.	7477.
5	2789.	6985.	0.	0.	6985.	1987.7	968.	7953.
6	2342.	7754.	0.	0.	7754.	1983.6	856.	8612.
7	2247.	7080.	0.	0.	7080.	1979.9	824.	7904.
8	2123.	7719.	0.	0.	7719.	1975.7	777.	8496.
9	2035.	8362.	0.	0.	8362.	1970.9	722.	9084.
10	1908.	9281.	0.	0.	9281.	1965.3	492.	9773.
11	1852.	9800.	0.	0.	9800.	1959.3	477.	10277.
12	1509.	9392.	0.	0.	9392.	1953.4	391.	9783.
13	1509.	8516.	0.	0.	8516.	1947.7	391.	8907.
14	1399.	9478.	0.	0.	9478.	1940.6	330.	9808.
15	1378.	7904.	0.	0.	7904.	1934.8	322.	8226.
16	1378.	7931.	0.	0.	7931.	1929.0	322.	8253.
17	1378.	7943.	0.	0.	7943.	1923.2	322.	8265.
18	1310.	7954.	0.	0.	7954.	1917.3	304.	8258.
19	1193.	8030.	0.	0.	8030.	1911.2	307.	8337.
20	1193.	7985.	0.	0.	7985.	1905.2	307.	8292.
21	1193.	7962.	0.	0.	7962.	1899.1	307.	8269.
22	1079.	7727.	0.	0.	7727.	1892.2	292.	8019.
23	920.	6830.	0.	0.	6830.	1886.0	280.	7110.
24	920.	6251.	0.	0.	6251.	1880.5	280.	6531.
25	920.	5682.	0.	0.	5682.	1875.6	280.	5962.
26	920.	4262.	0.	0.	4262.	1872.1	280.	4542.
27	837.	4110.	0.	0.	4110.	1868.7	363.	4473.
28	837.	3730.	0.	0.	3730.	1865.7	363.	4093.
29	837.	3330.	0.	0.	3330.	1863.1	363.	3693.
30	837.	2939.	0.	0.	2939.	1860.9	363.	3302.
31	2452.	2361.	0.	0.	2361.	1861.0	962.	3323.
32	4269.	2512.	0.	0.	2512.	1862.8	1488.	4000.
33	6969.	3569.	0.	0.	3569.	1866.4	2431.	6000.
34	15611.	3040.	0.	0.	3040.	1879.4	5446.	8486.
35	23050.	4240.	0.	0.	4240.	1899.0	7864.	12104.
36	31747.	5360.	0.	0.	5360.	1922.5	5696.	11056.
37	28053.	8200.	0.	0.	8200.	1940.1	5033.	13233.
38	24892.	10204.	0.	0.	10204.	1952.6	4465.	14669.
39	17043.	9798.	0.	0.	9798.	1958.1	3057.	12855.
40	19864.	9288.	0.	0.	9288.	1966.1	3350.	12638.
41	18252.	9091.	0.	0.	9091.	1973.0	3077.	12168.
42	20463.	8892.	0.	0.	8892.	1981.8	3451.	12343.
43	22198.	8724.	0.	0.	8724.	1992.0	3745.	12469.
44	17659.	8920.	0.	0.	8920.	1998.6	3298.	12218.
45	17664.	8903.	0.	6893.	15795.	2000.0	3279.	19074.
46	17568.	9048.	0.	8520.	17568.	2000.0	3261.	20829.
47	16111.	9193.	0.	6919.	16111.	2000.0	2989.	19100.
48	17804.	9499.	0.	8305.	17804.	2000.0	3339.	21143.
49	14143.	9777.	0.	4367.	14143.	2000.0	4771.	18914.
50	15435.	10011.	0.	5424.	15435.	2000.0	5208.	20643.
51	15008.	10237.	0.	4771.	15008.	2000.0	5063.	20071.
52	14415.	10401.	0.	4014.	14415.	2000.0	4860.	19275.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW. GOLD CREEK
			ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	7628.	9940.	0.	0.	9940.	1998.3	2705.	12645.
2	6544.	7140.	0.	0.	7140.	1997.8	2320.	9460.
3	5337.	6720.	0.	0.	6720.	1996.8	1893.	8613.
4	5503.	7323.	0.	0.	7323.	1995.4	1951.	9274.
5	3997.	8149.	0.	0.	8149.	1992.2	1432.	9581.
6	3287.	7754.	0.	0.	7754.	1988.9	1234.	8988.
7	2815.	8496.	0.	0.	8496.	1984.6	1055.	9551.
8	2314.	9263.	0.	0.	9263.	1979.3	867.	10130.
9	2637.	8362.	0.	0.	8362.	1975.0	949.	9311.
10	2991.	9281.	0.	0.	9281.	1970.2	1323.	10604.
11	2551.	9800.	0.	0.	9800.	1964.7	1129.	10929.
12	1902.	11270.	0.	0.	11270.	1957.6	842.	12112.
13	1544.	11922.	0.	0.	11922.	1949.8	685.	12607.
14	1839.	11057.	0.	0.	11057.	1941.6	590.	11647.
15	1614.	9485.	0.	0.	9485.	1934.6	515.	10000.
16	1408.	7931.	0.	0.	7931.	1928.8	449.	8380.
17	1332.	7943.	0.	0.	7943.	1923.0	425.	8368.
18	1101.	7954.	0.	0.	7954.	1916.9	356.	8310.
19	1152.	8030.	0.	0.	8030.	1910.8	291.	8321.
20	1038.	7985.	0.	0.	7985.	1904.7	262.	8247.
21	959.	7962.	0.	0.	7962.	1898.2	241.	8203.
22	959.	7727.	0.	0.	7727.	1891.2	241.	7968.
23	1024.	6830.	0.	0.	6830.	1885.2	176.	7006.
24	1000.	6251.	0.	0.	6251.	1879.7	171.	6422.
25	939.	4546.	0.	0.	4546.	1876.0	161.	4707.
26	939.	4262.	0.	0.	4262.	1872.5	161.	4423.
27	950.	4110.	0.	0.	4110.	1869.2	250.	4360.
28	1063.	3730.	0.	0.	3730.	1866.5	280.	4010.
29	1153.	3330.	0.	0.	3330.	1864.2	304.	3634.
30	1398.	2939.	0.	0.	2939.	1862.6	368.	3307.
31	3001.	2361.	0.	0.	2361.	1863.3	989.	3350.
32	5917.	2184.	0.	0.	2184.	1867.1	1966.	4150.
33	8267.	3253.	0.	0.	3253.	1872.4	2747.	6000.
34	15742.	3040.	0.	0.	3040.	1885.5	5229.	8269.
35	16842.	4240.	0.	0.	4240.	1898.6	5215.	9455.
36	24642.	5642.	0.	0.	5642.	1915.6	3358.	9000.
37	24642.	8200.	0.	0.	8200.	1930.2	3358.	11558.
38	21247.	10472.	0.	0.	10472.	1939.8	2896.	13368.
39	19363.	10054.	0.	0.	10054.	1948.0	2637.	12691.
40	18442.	9509.	0.	0.	9509.	1955.1	3558.	13067.
41	18442.	9313.	0.	0.	9313.	1962.0	3558.	12871.
42	18442.	9124.	0.	0.	9124.	1969.0	3558.	12682.
43	18082.	8996.	0.	0.	8996.	1975.9	3489.	12485.
44	32829.	9116.	0.	0.	9116.	1993.8	5857.	14973.
45	23946.	8943.	0.	6826.	15769.	2000.0	3583.	19352.
46	17783.	9049.	0.	8734.	17783.	2000.0	2660.	20443.
47	14415.	9185.	0.	5230.	14415.	2000.0	2156.	16571.
48	9969.	9463.	0.	506.	9969.	2000.0	1588.	11557.
49	6605.	9779.	0.	0.	9779.	1997.6	1895.	11674.
50	6605.	10056.	0.	0.	10056.	1995.0	1895.	11951.
51	5128.	10355.	0.	0.	10355.	1991.0	1472.	11827.
52	5129.	10621.	0.	0.	10621.	1986.3	1471.	12092.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	7100.	0.	0.	7100.	1984.4	1387.	8487.
2	4050.	5100.	0.	0.	5100.	1983.6	1221.	6321.
3	3875.	4800.	0.	0.	4800.	1982.9	1168.	5968.
4	2689.	5231.	0.	0.	5231.	1981.0	811.	6042.
5	2392.	5821.	0.	0.	5821.	1978.4	594.	6415.
6	2068.	6462.	0.	0.	6462.	1975.1	532.	6994.
7	1760.	5664.	0.	0.	5664.	1972.1	454.	6118.
8	1352.	6175.	0.	0.	6175.	1968.5	348.	6523.
9	1215.	6690.	0.	0.	6690.	1964.3	314.	7004.
10	797.	7425.	0.	0.	7425.	1959.3	303.	7728.
11	879.	7840.	0.	0.	7840.	1954.0	335.	8175.
12	1375.	7514.	0.	0.	7514.	1949.3	525.	8039.
13	1375.	6813.	0.	0.	6813.	1944.5	525.	7338.
14	1150.	6318.	0.	0.	6318.	1939.9	407.	6725.
15	1109.	7904.	0.	0.	7904.	1933.9	391.	8295.
16	1056.	7931.	0.	0.	7931.	1927.8	373.	8304.
17	1035.	7943.	0.	0.	7943.	1921.7	365.	8308.
18	1051.	7954.	0.	0.	7954.	1915.6	349.	8303.
19	1027.	8030.	0.	0.	8030.	1909.4	373.	8403.
20	984.	7985.	0.	0.	7985.	1903.2	359.	8344.
21	879.	7962.	0.	0.	7962.	1896.4	321.	8283.
22	797.	7727.	0.	0.	7727.	1889.2	309.	8036.
23	683.	6830.	0.	0.	6830.	1882.8	297.	7127.
24	683.	5001.	0.	0.	5001.	1878.3	297.	5298.
25	683.	4546.	0.	0.	4546.	1874.3	297.	4843.
26	683.	4262.	0.	0.	4262.	1870.6	297.	4559.
27	666.	4110.	0.	0.	4110.	1867.0	334.	4444.
28	666.	3730.	0.	0.	3730.	1863.8	334.	4064.
29	952.	3330.	0.	0.	3330.	1861.3	477.	3807.
30	999.	2939.	0.	0.	2939.	1859.3	501.	3440.
31	1801.	2361.	0.	0.	2361.	1858.8	1056.	3417.
32	2951.	2408.	0.	0.	2408.	1859.3	1592.	4000.
33	12604.	2320.	0.	0.	2320.	1870.0	6796.	9116.
34	17856.	3040.	0.	0.	3040.	1885.4	9630.	12670.
35	14298.	4240.	0.	0.	4240.	1895.8	8031.	12271.
36	20496.	5360.	0.	0.	5360.	1909.8	5533.	10893.
37	15311.	8200.	0.	0.	8200.	1916.1	4132.	12332.
38	18247.	9200.	0.	0.	9200.	1924.1	4924.	14124.
39	20418.	10433.	0.	0.	10433.	1933.0	5511.	15944.
40	21688.	9799.	0.	0.	9799.	1943.5	4712.	14511.
41	20819.	9528.	0.	0.	9528.	1953.0	4524.	14052.
42	22556.	9274.	0.	0.	9274.	1963.1	4901.	14175.
43	17816.	9115.	0.	0.	9115.	1969.6	3870.	12985.
44	18373.	9347.	0.	0.	9347.	1976.5	5513.	14860.
45	14392.	9261.	0.	0.	9261.	1980.3	4237.	13498.
46	18474.	9312.	0.	0.	9312.	1987.3	5440.	14752.
47	34121.	9315.	0.	7979.	17293.	2000.0	10050.	27343.
48	33290.	9564.	0.	23726.	33290.	2000.0	9881.	43171.
49	20953.	9808.	0.	11145.	20953.	2000.0	7747.	28700.
50	10824.	9989.	0.	835.	10824.	2000.0	4005.	14829.
51	8131.	10229.	0.	0.	10229.	1998.4	3006.	13235.
52	7669.	10437.	0.	0.	10437.	1996.0	2837.	13274.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	9940.	0.	0.	9940.	1995.0	2180.	12120.
2	5896.	6120.	0.	0.	6120.	1994.8	1504.	7624.
3	3243.	5760.	0.	0.	5760.	1992.9	828.	6588.
4	4051.	6277.	0.	0.	6277.	1991.2	1035.	7312.
5	2692.	6985.	0.	0.	6985.	1988.0	794.	7779.
6	2292.	7754.	0.	0.	7754.	1983.8	708.	8462.
7	2194.	7080.	0.	0.	7080.	1980.1	677.	7757.
8	2064.	7719.	0.	0.	7719.	1975.8	636.	8355.
9	1962.	8362.	0.	0.	8362.	1971.0	595.	8957.
10	1656.	9281.	0.	0.	9281.	1965.2	544.	9825.
11	1656.	9800.	0.	0.	9800.	1959.1	544.	10344.
12	1656.	9392.	0.	0.	9392.	1953.2	544.	9936.
13	1656.	8516.	0.	0.	8516.	1947.7	544.	9060.
14	1541.	9478.	0.	0.	9478.	1940.7	488.	9966.
15	1523.	7904.	0.	0.	7904.	1935.0	477.	8381.
16	1360.	7931.	0.	0.	7931.	1929.2	426.	8357.
17	1295.	7943.	0.	0.	7943.	1923.3	405.	8348.
18	1227.	7954.	0.	0.	7954.	1917.4	387.	8341.
19	1175.	8030.	0.	0.	8030.	1911.3	325.	8355.
20	1152.	7985.	0.	0.	7985.	1905.2	319.	8304.
21	1097.	7962.	0.	0.	7962.	1899.0	303.	8265.
22	1062.	7727.	0.	0.	7727.	1892.1	295.	8022.
23	1041.	6830.	0.	0.	6830.	1886.1	259.	7089.
24	996.	6251.	0.	0.	6251.	1880.6	247.	6498.
25	882.	5682.	0.	0.	5682.	1875.6	218.	5900.
26	882.	4262.	0.	0.	4262.	1872.1	218.	4480.
27	694.	4110.	0.	0.	4110.	1868.6	406.	4516.
28	694.	3730.	0.	0.	3730.	1865.4	406.	4136.
29	910.	3330.	0.	0.	3330.	1862.9	533.	3863.
30	945.	2939.	0.	0.	2939.	1860.9	555.	3494.
31	4703.	2361.	0.	0.	2361.	1863.3	1154.	3515.
32	6668.	3068.	0.	0.	3068.	1867.0	932.	4000.
33	12886.	4200.	0.	0.	4200.	1876.0	1800.	6000.
34	20055.	3198.	0.	0.	3198.	1893.5	2802.	6000.
35	20716.	4240.	0.	0.	4240.	1909.1	3570.	7810.
36	11838.	6700.	0.	0.	6700.	1913.6	2519.	9219.
37	12275.	9840.	0.	0.	9840.	1915.8	2611.	12451.
38	12710.	10993.	0.	0.	10993.	1917.3	2704.	13697.
39	13971.	10707.	0.	0.	10707.	1920.2	2972.	13679.
40	19936.	10146.	0.	0.	10146.	1928.9	2993.	13139.
41	14780.	9923.	0.	0.	9923.	1933.2	2220.	12143.
42	17003.	9738.	0.	0.	9738.	1939.6	2554.	12292.
43	23312.	8300.	0.	0.	8300.	1952.5	3502.	11802.
44	26487.	8400.	0.	0.	8400.	1966.2	5556.	13956.
45	20467.	9423.	0.	0.	9423.	1974.5	4962.	14385.
46	18086.	9431.	0.	0.	9431.	1981.1	4385.	13816.
47	17477.	9462.	0.	0.	9462.	1987.1	4237.	13699.
48	16811.	9655.	0.	0.	9655.	1992.5	4046.	13701.
49	14281.	9866.	0.	0.	9866.	1995.9	4033.	13899.
50	22570.	10058.	0.	7056.	17114.	2000.0	6373.	23487.
51	15996.	10242.	0.	5755.	15996.	2000.0	4518.	20514.
52	11980.	10389.	0.	1591.	11980.	2000.0	3382.	15362.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961 1	9778.	9940.	0.	0.	9940.	2751.	12691.
2	7102.	7140.	0.	0.	7140.	1998.	9138.
3	5050.	6720.	0.	0.	6720.	1998.6	8141.
4	3678.	7323.	0.	0.	7323.	1995.8	8359.
5	2753.	8149.	0.	0.	8149.	1991.7	8982.
6	2516.	7754.	0.	0.	7754.	1987.8	8538.
7	2319.	8496.	0.	0.	8496.	1983.1	9220.
8	2058.	7719.	0.	0.	7719.	1978.8	8361.
9	2118.	8362.	0.	0.	8362.	1974.1	9001.
10	2126.	9281.	0.	0.	9281.	1968.7	10055.
11	2085.	9800.	0.	0.	9800.	1962.9	10558.
12	1833.	9392.	0.	0.	9392.	1957.1	10059.
13	1833.	10219.	0.	0.	10219.	1950.8	10886.
14	1776.	11057.	0.	0.	11057.	1942.7	11695.
15	1773.	9485.	0.	0.	9485.	1935.9	10112.
16	1825.	7931.	0.	0.	7931.	1930.5	8577.
17	1846.	7943.	0.	0.	7943.	1925.1	8597.
18	1601.	7954.	0.	0.	7954.	1919.4	8553.
19	1317.	8030.	0.	0.	8030.	1913.5	8513.
20	1297.	7985.	0.	0.	7985.	1907.6	8459.
21	1246.	7962.	0.	0.	7962.	1901.6	8416.
22	1181.	7727.	0.	0.	7727.	1895.1	8160.
23	1097.	6830.	0.	0.	6830.	1889.2	7233.
24	1222.	6251.	0.	0.	6251.	1883.9	6700.
25	1535.	5682.	0.	0.	5682.	1879.6	6247.
26	1535.	5327.	0.	0.	5327.	1875.7	5892.
27	1617.	5137.	0.	0.	5137.	1872.0	6020.
28	1617.	4662.	0.	0.	4662.	1868.9	5545.
29	1783.	4162.	0.	0.	4162.	1866.4	5136.
30	1811.	3674.	0.	0.	3674.	1864.5	4663.
31	5580.	2951.	0.	0.	2951.	1867.2	4600.
32	10306.	2730.	0.	0.	2730.	1875.1	5138.
33	17834.	2900.	0.	0.	2900.	1890.6	7066.
34	16989.	3800.	0.	0.	3800.	1903.6	7768.
35	15795.	6360.	0.	0.	6360.	1912.0	10379.
36	14578.	9380.	0.	0.	9380.	1916.6	13773.
37	23810.	10987.	0.	0.	10987.	1928.0	18163.
38	29749.	10435.	0.	0.	10435.	1945.1	19400.
39	24996.	9890.	0.	0.	9890.	1957.2	17423.
40	18341.	9319.	0.	0.	9319.	1964.0	13978.
41	19253.	9124.	0.	0.	9124.	1971.7	14014.
42	19937.	8922.	0.	0.	8922.	1980.0	13985.
43	20655.	8767.	0.	0.	8767.	1989.0	14012.
44	22581.	8940.	0.	0.	8940.	1999.3	12002.
45	23083.	8923.	0.	13291.	22214.	2000.0	25132.
46	19710.	9058.	0.	10652.	19710.	2000.0	22200.
47	18708.	9204.	0.	9504.	18708.	2000.0	21071.
48	13842.	9481.	0.	4361.	13842.	2000.0	15657.
49	9309.	9759.	0.	0.	9759.	1999.7	12879.
50	10560.	9989.	0.	121.	10110.	2000.0	13650.
51	10059.	10215.	0.	0.	10215.	1999.9	13585.
52	10131.	10386.	0.	0.	10386.	1999.7	13780.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	8304.	9940.	0.	0.	9940.	1998.4	2125.	12065.
2	3663.	7140.	0.	0.	7140.	1995.8	937.	8077.
3	3663.	6720.	0.	0.	6720.	1993.5	937.	7657.
4	3663.	6277.	0.	0.	6277.	1991.5	937.	7214.
5	2910.	6985.	0.	0.	6985.	1988.4	604.	7589.
6	2187.	7754.	0.	0.	7754.	1984.2	513.	8267.
7	2187.	7080.	0.	0.	7080.	1980.5	513.	7593.
8	2187.	7719.	0.	0.	7719.	1976.3	513.	8232.
9	2067.	8362.	0.	0.	8362.	1971.6	462.	8824.
10	1742.	9281.	0.	0.	9281.	1965.9	358.	9639.
11	1742.	9800.	0.	0.	9800.	1959.8	358.	10158.
12	1742.	9392.	0.	0.	9392.	1954.0	358.	9750.
13	1742.	8516.	0.	0.	8516.	1948.7	358.	8874.
14	1645.	9478.	0.	0.	9478.	1941.7	284.	9762.
15	1626.	9485.	0.	0.	9485.	1934.8	274.	9759.
16	1626.	7931.	0.	0.	7931.	1929.2	274.	8205.
17	1626.	7943.	0.	0.	7943.	1923.6	274.	8217.
18	1462.	7954.	0.	0.	7954.	1917.8	267.	8221.
19	1237.	8030.	0.	0.	8030.	1911.8	263.	8293.
20	1237.	7985.	0.	0.	7985.	1905.8	263.	8248.
21	1237.	7962.	0.	0.	7962.	1899.9	263.	8225.
22	1207.	7727.	0.	0.	7727.	1893.1	250.	7977.
23	1174.	6830.	0.	0.	6830.	1887.2	226.	7056.
24	1174.	6251.	0.	0.	6251.	1882.0	226.	6477.
25	1174.	5682.	0.	0.	5682.	1877.3	226.	5908.
26	1174.	5327.	0.	0.	5327.	1873.0	226.	5553.
27	1335.	5137.	0.	0.	5137.	1869.0	365.	5502.
28	1335.	4662.	0.	0.	4662.	1865.6	365.	5027.
29	1335.	4162.	0.	0.	4162.	1862.6	365.	4527.
30	1335.	3674.	0.	0.	3674.	1860.2	365.	4039.
31	3165.	2951.	0.	0.	2951.	1860.4	535.	3486.
32	3896.	3396.	0.	0.	3396.	1860.9	604.	4000.
33	10571.	4357.	0.	0.	4357.	1867.4	1643.	6000.
34	15580.	3800.	0.	0.	3800.	1879.6	2420.	6220.
35	25042.	5300.	0.	0.	5300.	1900.1	3429.	8729.
36	25502.	6700.	0.	0.	6700.	1916.7	4784.	11484.
37	49464.	9840.	0.	0.	9840.	1951.6	9279.	19119.
38	42296.	9815.	0.	0.	9815.	1976.1	7933.	17748.
39	29941.	9209.	0.	0.	9209.	1991.8	5616.	14825.
40	24659.	8669.	0.	5183.	13852.	2000.0	2527.	16379.
41	24076.	8599.	0.	13477.	24076.	2000.0	2467.	26543.
42	20979.	8542.	0.	12437.	20979.	2000.0	2150.	23129.
43	24659.	8565.	0.	16094.	24659.	2000.0	2527.	27186.
44	22051.	8898.	0.	13153.	22051.	2000.0	4006.	26057.
45	19487.	8906.	0.	10581.	19487.	2000.0	3513.	23000.
46	19487.	9057.	0.	10430.	19487.	2000.0	3513.	23000.
47	19487.	9207.	0.	10280.	19487.	2000.0	3513.	23000.
48	19844.	9508.	0.	10336.	19844.	2000.0	3585.	23429.
49	18961.	9799.	0.	9162.	18961.	2000.0	4610.	23571.
50	11972.	9994.	0.	1978.	11972.	2000.0	2914.	14886.
51	9699.	10218.	0.	0.	10218.	1999.6	2358.	12576.
52	9763.	10395.	0.	0.	10395.	1999.1	2374.	12769.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	7677.	9940.	0.	0.	9940.	1997.3	1473.	11413.
2	5846.	7140.	0.	0.	7140.	1996.4	1121.	8261.
3	5094.	6720.	0.	0.	6720.	1995.1	977.	7697.
4	4603.	7323.	0.	0.	7323.	1993.1	883.	8206.
5	3273.	6985.	0.	0.	6985.	1990.3	427.	7412.
6	2427.	7754.	0.	0.	7754.	1986.2	373.	8127.
7	2427.	8496.	0.	0.	8496.	1981.7	373.	8869.
8	2427.	7719.	0.	0.	7719.	1977.7	373.	8092.
9	2243.	8362.	0.	0.	8362.	1973.0	328.	8690.
10	1684.	9281.	0.	0.	9281.	1967.3	316.	9597.
11	1684.	9800.	0.	0.	9800.	1961.1	316.	10116.
12	1684.	9392.	0.	0.	9392.	1955.3	316.	9708.
13	1684.	10219.	0.	0.	10219.	1948.7	316.	10535.
14	1346.	9478.	0.	0.	9478.	1941.5	311.	9789.
15	1303.	9485.	0.	0.	9485.	1934.2	297.	9782.
16	1303.	7931.	0.	0.	7931.	1928.3	297.	8228.
17	1303.	7943.	0.	0.	7943.	1922.5	297.	8240.
18	1284.	7954.	0.	0.	7954.	1916.5	273.	8227.
19	1203.	8030.	0.	0.	8030.	1910.5	297.	8327.
20	1203.	7985.	0.	0.	7985.	1904.5	297.	8282.
21	1203.	7962.	0.	0.	7962.	1898.2	297.	8259.
22	1015.	7727.	0.	0.	7727.	1891.3	271.	7998.
23	870.	6830.	0.	0.	6830.	1885.1	130.	6960.
24	870.	6251.	0.	0.	6251.	1879.5	130.	6381.
25	870.	4546.	0.	0.	4546.	1875.7	130.	4676.
26	870.	4262.	0.	0.	4262.	1872.2	130.	4392.
27	680.	4110.	0.	0.	4110.	1868.6	150.	4260.
28	680.	3730.	0.	0.	3730.	1865.4	150.	3880.
29	680.	3330.	0.	0.	3330.	1862.7	150.	3480.
30	680.	2939.	0.	0.	2939.	1860.4	150.	3089.
31	2138.	2361.	0.	0.	2361.	1860.1	528.	2889.
32	2871.	3471.	0.	0.	3471.	1859.5	529.	4000.
33	16185.	3014.	0.	0.	3014.	1873.2	2986.	6000.
34	26173.	3040.	0.	0.	3040.	1897.2	4827.	7867.
35	29395.	5300.	0.	0.	5300.	1918.9	6291.	11591.
36	20039.	8040.	0.	0.	8040.	1929.6	5961.	14001.
37	20039.	10663.	0.	0.	10663.	1937.9	5961.	16624.
38	20039.	10301.	0.	0.	10301.	1946.5	5961.	16262.
39	20039.	9903.	0.	0.	9903.	1954.7	5961.	15864.
40	25591.	9314.	0.	0.	9314.	1967.0	5552.	14866.
41	33081.	8964.	0.	0.	8964.	1985.2	7176.	16140.
42	31343.	8629.	0.	3185.	11814.	2000.0	6800.	18614.
43	26765.	8573.	0.	18192.	26765.	2000.0	5806.	32571.
44	24772.	8909.	0.	15863.	24772.	2000.0	3028.	27800.
45	22882.	8921.	0.	13961.	22882.	2000.0	2261.	25143.
46	19853.	9058.	0.	10795.	19853.	2000.0	1961.	21814.
47	20996.	9214.	0.	11782.	20996.	2000.0	2075.	23071.
48	17689.	9498.	0.	8191.	17689.	2000.0	1854.	19543.
49	13124.	9772.	0.	3352.	13124.	2000.0	2019.	15143.
50	11736.	9993.	0.	1743.	11736.	2000.0	1807.	13543.
51	9384.	10220.	0.	0.	10220.	1999.4	1445.	11665.
52	8325.	10412.	0.	0.	10412.	1997.6	1282.	11694.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA CONVEYANCE RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	9940.	0.	0.	9940.	1995.5	1693.	11633.
2	6067.	6120.	0.	0.	6120.	1995.5	1424.	7544.
3	4963.	5760.	0.	0.	5760.	1994.9	1166.	6926.
4	3760.	6277.	0.	0.	6277.	1992.9	883.	7160.
5	2277.	6985.	0.	0.	6985.	1989.4	609.	7594.
6	2037.	7754.	0.	0.	7754.	1985.1	563.	8317.
7	1803.	8496.	0.	0.	8496.	1980.0	497.	8993.
8	1489.	7719.	0.	0.	7719.	1975.3	411.	8130.
9	1454.	8362.	0.	0.	8362.	1970.1	389.	8751.
10	1358.	9281.	0.	0.	9281.	1964.1	342.	9623.
11	1311.	9800.	0.	0.	9800.	1957.6	332.	10132.
12	1038.	9392.	0.	0.	9392.	1951.3	262.	9654.
13	1038.	8516.	0.	0.	8516.	1944.9	262.	8778.
14	913.	7898.	0.	0.	7898.	1938.7	216.	8114.
15	888.	7904.	0.	0.	7904.	1932.5	212.	8116.
16	830.	7931.	0.	0.	7931.	1926.2	199.	8130.
17	807.	7943.	0.	0.	7943.	1919.9	193.	8136.
18	816.	6363.	0.	0.	6363.	1915.0	184.	6547.
19	818.	6424.	0.	0.	6424.	1910.0	182.	6606.
20	802.	6388.	0.	0.	6388.	1905.1	178.	6566.
21	760.	6370.	0.	0.	6370.	1900.1	170.	6540.
22	696.	6182.	0.	0.	6182.	1894.5	165.	6347.
23	612.	5464.	0.	0.	5464.	1889.4	158.	5622.
24	588.	5001.	0.	0.	5001.	1884.8	151.	5152.
25	524.	4546.	0.	0.	4546.	1880.7	136.	4682.
26	524.	4262.	0.	0.	4262.	1876.8	136.	4398.
27	588.	4110.	0.	0.	4110.	1873.1	122.	4232.
28	588.	3730.	0.	0.	3730.	1869.9	122.	3852.
29	637.	3330.	0.	0.	3330.	1867.1	133.	3463.
30	646.	2939.	0.	0.	2939.	1864.7	134.	3073.
31	524.	2361.	0.	0.	2361.	1862.8	342.	2703.
32	521.	3478.	0.	0.	3478.	1859.7	522.	4000.
33	699.	5299.	0.	0.	5299.	1854.9	701.	6000.
34	1548.	4449.	0.	0.	4449.	1851.9	1551.	6000.
35	17791.	3339.	0.	0.	3339.	1866.9	11199.	14538.
36	66753.	5360.	0.	0.	5360.	1926.2	8276.	13636.
37	45845.	8200.	0.	0.	8200.	1958.1	5684.	13884.
38	38257.	9707.	0.	0.	9707.	1979.7	4743.	14450.
39	27669.	9157.	0.	0.	9157.	1993.7	3431.	12588.
40	22261.	8654.	0.	5294.	13948.	2000.0	3110.	17058.
41	22938.	8595.	0.	14344.	22938.	2000.0	3205.	26143.
42	21646.	8545.	0.	13101.	21646.	2000.0	3025.	24671.
43	14854.	8525.	0.	6329.	14854.	2000.0	2075.	16929.
44	16893.	8876.	0.	8017.	16893.	2000.0	2864.	19757.
45	15985.	8892.	0.	7094.	15985.	2000.0	2744.	18729.
46	12889.	9028.	0.	3861.	12889.	2000.0	2211.	15100.
47	13741.	9182.	0.	4559.	13741.	2000.0	2359.	16100.
48	11603.	9471.	0.	2132.	11603.	2000.0	1997.	13600.
49	8901.	9762.	0.	0.	9762.	1999.3	2453.	12215.
50	7255.	10018.	0.	0.	10018.	1997.3	1998.	12016.
51	7294.	10290.	0.	0.	10290.	1995.0	2010.	12300.
52	6247.	10522.	0.	0.	10522.	1991.3	1721.	12243.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	5814.	8520.	0.	0.	8520.	1989.3	1863.	10383.
2	6506.	5100.	0.	0.	5100.	1990.3	2085.	7185.
3	4258.	4800.	0.	0.	4800.	1989.9	1365.	6165.
4	3387.	5231.	0.	0.	5231.	1988.5	1086.	6317.
5	2593.	5821.	0.	0.	5821.	1986.1	487.	6308.
6	2408.	6462.	0.	0.	6462.	1983.0	428.	6890.
7	2383.	7080.	0.	0.	7080.	1979.4	424.	7504.
8	2656.	7719.	0.	0.	7719.	1975.6	473.	8192.
9	1708.	8362.	0.	0.	8362.	1970.6	325.	8687.
10	1175.	9281.	0.	0.	9281.	1964.5	195.	9476.
11	1047.	9800.	0.	0.	9800.	1957.8	174.	9974.
12	952.	9392.	0.	0.	9392.	1951.4	158.	9550.
13	952.	8516.	0.	0.	8516.	1945.0	158.	8674.
14	880.	7898.	0.	0.	7898.	1938.8	101.	7999.
15	866.	7904.	0.	0.	7904.	1932.5	94.	7998.
16	866.	7931.	0.	0.	7931.	1926.3	94.	8025.
17	866.	7943.	0.	0.	7943.	1920.0	94.	8037.
18	821.	6363.	0.	0.	6363.	1915.1	96.	6459.
19	764.	6424.	0.	0.	6424.	1910.1	96.	6520.
20	764.	6388.	0.	0.	6388.	1905.1	96.	6484.
21	764.	6370.	0.	0.	6370.	1900.2	96.	6466.
22	785.	6182.	0.	0.	6182.	1894.6	92.	6274.
23	809.	5464.	0.	0.	5464.	1889.7	91.	5555.
24	809.	5001.	0.	0.	5001.	1885.4	91.	5092.
25	809.	4546.	0.	0.	4546.	1881.5	91.	4637.
26	809.	4262.	0.	0.	4262.	1877.9	91.	4353.
27	1050.	4110.	0.	0.	4110.	1874.8	130.	4240.
28	1050.	3730.	0.	0.	3730.	1872.0	130.	3860.
29	1324.	3330.	0.	0.	3330.	1869.9	165.	3495.
30	1370.	2939.	0.	0.	2939.	1868.3	170.	3109.
31	1702.	2361.	0.	0.	2361.	1867.6	309.	2670.
32	4582.	3196.	0.	0.	3196.	1869.0	804.	4000.
33	7973.	4602.	0.	0.	4602.	1872.5	1398.	6000.
34	14365.	3479.	0.	0.	3479.	1883.8	2521.	6000.
35	28598.	4240.	0.	0.	4240.	1907.8	5045.	9285.
36	18020.	6700.	0.	0.	6700.	1917.8	3951.	10651.
37	19249.	9840.	0.	0.	9840.	1926.1	4222.	14062.
38	18396.	10621.	0.	0.	10621.	1933.0	4033.	14654.
39	27076.	10131.	0.	0.	10131.	1948.0	5938.	16069.
40	25264.	9453.	0.	0.	9453.	1960.3	5093.	14546.
41	25478.	9153.	0.	0.	9153.	1972.6	5136.	14289.
42	23730.	8877.	0.	0.	8877.	1983.9	4784.	13661.
43	20581.	8697.	0.	0.	8697.	1992.8	4148.	12845.
44	18313.	8901.	0.	0.	8901.	2000.0	3916.	12817.
45	16343.	8893.	0.	7400.	16293.	2000.0	3328.	19621.
46	25247.	9082.	0.	16166.	25247.	2000.0	5139.	30386.
47	16925.	9196.	0.	7729.	16925.	2000.0	3446.	20371.
48	9394.	9461.	0.	0.	9461.	1999.9	1949.	11410.
49	14093.	9776.	0.	4250.	14026.	2000.0	2756.	16782.
50	17314.	10020.	0.	7295.	17314.	2000.0	3386.	20700.
51	15844.	10241.	0.	5603.	15844.	2000.0	3099.	18943.
52	18328.	10421.	0.	7907.	18328.	2000.0	3585.	21913.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	10948.	0.	0.	10948.	2000.0	4138.	15086.
2	6087.	7140.	0.	0.	7140.	1999.2	2300.	9440.
3	2852.	6720.	0.	0.	6720.	1996.3	1077.	7797.
4	2359.	7323.	0.	0.	7323.	1992.5	891.	8214.
5	2043.	6985.	0.	0.	6985.	1988.8	721.	7706.
6	1676.	7754.	0.	0.	7754.	1984.2	588.	8342.
7	1481.	7080.	0.	0.	7080.	1980.0	519.	7599.
8	1412.	7719.	0.	0.	7719.	1975.2	495.	8214.
9	1361.	8362.	0.	0.	8362.	1969.9	468.	8830.
10	1265.	9281.	0.	0.	9281.	1963.8	449.	9730.
11	1223.	9800.	0.	0.	9800.	1957.3	434.	10234.
12	1174.	9392.	0.	0.	9392.	1951.1	416.	9808.
13	1129.	8516.	0.	0.	8516.	1944.8	401.	8917.
14	1075.	7898.	0.	0.	7898.	1938.7	344.	8242.
15	1062.	7904.	0.	0.	7904.	1932.7	338.	8242.
16	1062.	7931.	0.	0.	7931.	1926.6	338.	8269.
17	1062.	7943.	0.	0.	7943.	1920.5	338.	8281.
18	1025.	6363.	0.	0.	6363.	1915.8	332.	6695.
19	980.	6424.	0.	0.	6424.	1910.9	320.	6744.
20	980.	6388.	0.	0.	6388.	1906.1	320.	6708.
21	980.	6370.	0.	0.	6370.	1901.4	320.	6690.
22	983.	6182.	0.	0.	6182.	1896.2	317.	6499.
23	985.	5464.	0.	0.	5464.	1891.6	315.	5779.
24	985.	5001.	0.	0.	5001.	1887.4	315.	5316.
25	985.	4546.	0.	0.	4546.	1883.7	315.	4861.
26	985.	4262.	0.	0.	4262.	1880.3	315.	4577.
27	1091.	4110.	0.	0.	4110.	1877.2	409.	4519.
28	1091.	3730.	0.	0.	3730.	1874.4	409.	4139.
29	1432.	3330.	0.	0.	3330.	1872.5	539.	3869.
30	1490.	2939.	0.	0.	2939.	1870.9	560.	3499.
31	2210.	2361.	0.	0.	2361.	1870.8	804.	3165.
32	2873.	2987.	0.	0.	2987.	1870.7	1013.	4000.
33	5322.	4122.	0.	0.	4122.	1871.9	1878.	6000.
34	10202.	3040.	0.	0.	3040.	1879.4	3598.	6638.
35	16017.	4240.	0.	0.	4240.	1891.6	5640.	9880.
36	37660.	5360.	0.	0.	5360.	1921.4	10026.	15386.
37	26954.	8200.	0.	0.	8200.	1938.0	7175.	15375.
38	22768.	10268.	0.	0.	10268.	1949.1	6061.	16329.
39	19214.	9856.	0.	0.	9856.	1956.3	5115.	14971.
40	15178.	9362.	0.	0.	9362.	1960.7	3465.	12827.
41	14458.	9228.	0.	0.	9228.	1964.7	3299.	12527.
42	15132.	9095.	0.	0.	9095.	1969.2	3454.	12549.
43	17122.	8998.	0.	0.	8998.	1975.4	3907.	12905.
44	22511.	9202.	0.	0.	9202.	1985.4	5503.	14705.
45	18320.	9058.	0.	0.	9058.	1992.5	4594.	13652.
46	15064.	9102.	0.	0.	9102.	1997.0	3779.	12881.
47	18252.	9211.	0.	5029.	14239.	2000.0	4577.	18816.
48	14606.	9484.	0.	5122.	14606.	2000.0	3694.	18300.
49	10023.	9757.	0.	266.	10023.	2000.0	2863.	12886.
50	9733.	9987.	0.	0.	9987.	1999.8	2781.	12768.
51	9623.	10222.	0.	0.	10222.	1999.4	2748.	12970.
52	7019.	10424.	0.	0.	10424.	1996.4	2006.	12430.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONVEYANCE RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	5525.	9940.	0.	0.	9940.	1993.1	1465.	11405.
2	3705.	6120.	0.	0.	6120.	1991.2	982.	7102.
3	2802.	5760.	0.	0.	5760.	1989.0	742.	6502.
4	1896.	6277.	0.	0.	6277.	1985.7	504.	6781.
5	1290.	5821.	0.	0.	5821.	1982.3	439.	6260.
6	1192.	6462.	0.	0.	6462.	1978.3	408.	6870.
7	1192.	7080.	0.	0.	7080.	1973.8	408.	7488.
8	1192.	7719.	0.	0.	7719.	1968.9	408.	8127.
9	1173.	6690.	0.	0.	6690.	1964.7	398.	7088.
10	1119.	7425.	0.	0.	7425.	1959.9	381.	7806.
11	1119.	7840.	0.	0.	7840.	1954.9	381.	8221.
12	1119.	7514.	0.	0.	7514.	1950.0	381.	7895.
13	1119.	6813.	0.	0.	6813.	1945.0	381.	7194.
14	1105.	7898.	0.	0.	7898.	1939.0	395.	8293.
15	1106.	7904.	0.	0.	7904.	1932.9	394.	8298.
16	1106.	7931.	0.	0.	7931.	1926.9	394.	8325.
17	1106.	7943.	0.	0.	7943.	1920.8	394.	8337.
18	1077.	7954.	0.	0.	7954.	1914.8	380.	8334.
19	1037.	6424.	0.	0.	6424.	1910.0	363.	6787.
20	1037.	6388.	0.	0.	6388.	1905.2	363.	6751.
21	1037.	6370.	0.	0.	6370.	1900.5	363.	6733.
22	965.	6182.	0.	0.	6182.	1895.2	349.	6531.
23	882.	5464.	0.	0.	5464.	1890.4	318.	5782.
24	882.	5001.	0.	0.	5001.	1886.2	318.	5319.
25	882.	4546.	0.	0.	4546.	1882.4	318.	4864.
26	882.	4262.	0.	0.	4262.	1878.9	318.	4580.
27	771.	4110.	0.	0.	4110.	1875.4	329.	4439.
28	771.	3730.	0.	0.	3730.	1872.3	329.	4059.
29	790.	3330.	0.	0.	3330.	1869.7	339.	3669.
30	910.	2939.	0.	0.	2939.	1867.6	390.	3329.
31	1409.	2361.	0.	0.	2361.	1866.6	334.	2695.
32	4044.	3115.	0.	0.	3115.	1867.6	885.	4000.
33	14066.	2923.	0.	0.	2923.	1879.1	3077.	6000.
34	19680.	3040.	0.	0.	3040.	1896.4	4306.	7346.
35	23533.	5300.	0.	0.	5300.	1913.1	5296.	10596.
36	22187.	8040.	0.	0.	8040.	1925.6	4384.	12424.
37	29069.	10662.	0.	0.	10662.	1941.9	5745.	16407.
38	24227.	10170.	0.	0.	10170.	1953.7	4787.	14957.
39	23703.	9719.	0.	0.	9719.	1964.3	4683.	14402.
40	17634.	9180.	0.	0.	9180.	1970.7	3923.	13103.
41	17564.	9006.	0.	0.	9006.	1977.2	3907.	12913.
42	24423.	8786.	0.	0.	8786.	1989.0	5434.	14220.
43	28466.	8613.	0.	5302.	13915.	2000.0	6334.	20249.
44	21665.	8896.	0.	12769.	21665.	2000.0	5435.	27100.
45	20177.	8909.	0.	11268.	20177.	2000.0	4866.	25043.
46	44209.	9049.	0.	24000.	33049.	2007.1	10662.	43711.
47	24653.	9185.	0.	24000.	33185.	2001.7	5947.	39132.
48	16555.	9490.	0.	9693.	19183.	2000.0	4059.	23242.
49	23511.	9820.	0.	13691.	23511.	2000.0	5560.	29071.
50	13875.	10003.	0.	3872.	13875.	2000.0	3282.	17157.
51	10087.	10215.	0.	0.	10215.	1999.9	2384.	12599.
52	7666.	10407.	0.	0.	10407.	1997.5	1811.	12218.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	5636.	9940.	0.	0.	9940.	1994.3	1215.	11155.
2	4692.	6120.	0.	0.	6120.	1993.2	1011.	7131.
3	3669.	5760.	0.	0.	5760.	1991.6	791.	6551.
4	2797.	6277.	0.	0.	6277.	1989.0	603.	6880.
5	2340.	6985.	0.	0.	6985.	1985.5	517.	7502.
6	1987.	6462.	0.	0.	6462.	1982.1	442.	6904.
7	1881.	7080.	0.	0.	7080.	1978.2	419.	7499.
8	1812.	7719.	0.	0.	7719.	1973.7	402.	8121.
9	1780.	8362.	0.	0.	8362.	1968.7	391.	8753.
10	1740.	9281.	0.	0.	9281.	1963.0	360.	9641.
11	1740.	9800.	0.	0.	9800.	1956.9	360.	10160.
12	1669.	9392.	0.	0.	9392.	1951.1	345.	9737.
13	1657.	8516.	0.	0.	8516.	1945.2	343.	8859.
14	1633.	7898.	0.	0.	7898.	1939.6	367.	8265.
15	1634.	7904.	0.	0.	7904.	1934.1	366.	8270.
16	1634.	7931.	0.	0.	7931.	1928.5	366.	8297.
17	1611.	7943.	0.	0.	7943.	1922.9	360.	8303.
18	1552.	7954.	0.	0.	7954.	1917.2	348.	8302.
19	1561.	8030.	0.	0.	8030.	1911.5	339.	8369.
20	1561.	7985.	0.	0.	7985.	1905.8	339.	8324.
21	1561.	7962.	0.	0.	7962.	1900.1	339.	8301.
22	1561.	7727.	0.	0.	7727.	1893.7	339.	8066.
23	1560.	6830.	0.	0.	6830.	1888.3	340.	7170.
24	1560.	6251.	0.	0.	6251.	1883.4	340.	6591.
25	1560.	5682.	0.	0.	5682.	1879.1	340.	6022.
26	1560.	5327.	0.	0.	5327.	1875.2	340.	5667.
27	1544.	5137.	0.	0.	5137.	1871.5	327.	5464.
28	1485.	4662.	0.	0.	4662.	1868.2	315.	4977.
29	1556.	4162.	0.	0.	4162.	1865.5	330.	4492.
30	1662.	3674.	0.	0.	3674.	1863.4	352.	4026.
31	1787.	2951.	0.	0.	2951.	1862.2	456.	3407.
32	2353.	3410.	0.	0.	3410.	1861.1	590.	4000.
33	10464.	3378.	0.	0.	3378.	1868.4	2622.	6000.
34	27061.	3800.	0.	0.	3800.	1892.6	6782.	10582.
35	21911.	5300.	0.	0.	5300.	1908.4	5632.	10932.
36	21507.	8040.	0.	0.	8040.	1920.3	4950.	12990.
37	29938.	10801.	0.	0.	10801.	1937.3	6891.	17692.
38	30356.	10216.	0.	0.	10216.	1954.4	6987.	17203.
39	22099.	9718.	0.	0.	9718.	1963.7	5087.	14805.
40	24724.	9138.	0.	0.	9138.	1975.5	4705.	13843.
41	22504.	8877.	0.	0.	8877.	1985.8	4282.	13159.
42	21723.	8645.	0.	0.	8645.	1995.7	4134.	12779.
43	20991.	8562.	0.	6763.	15325.	2000.0	3995.	19319.
44	18324.	8882.	0.	9442.	18324.	2000.0	3890.	22214.
45	16541.	8894.	0.	7647.	16541.	2000.0	3602.	20143.
46	13759.	9032.	0.	4727.	13759.	2000.0	2998.	16757.
47	12436.	9177.	0.	3260.	12436.	2000.0	2707.	15143.
48	11024.	9468.	0.	1556.	11024.	2000.0	2405.	13429.
49	9099.	9761.	0.	0.	9761.	1999.5	2172.	11933.
50	9115.	10001.	0.	0.	10001.	1998.8	2176.	12177.
51	5821.	10270.	0.	0.	10270.	1995.5	1389.	11659.
52	4456.	10529.	0.	0.	10529.	1990.2	1064.	11593.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	8520.	0.	0.	8520.	1986.9	899.	9419.
2	3593.	5223.	0.	0.	5223.	1985.7	777.	6000.
3	2768.	4800.	0.	0.	4800.	1984.1	598.	5398.
4	2457.	5231.	0.	0.	5231.	1982.0	530.	5761.
5	2109.	5821.	0.	0.	5821.	1979.2	434.	6255.
6	1631.	6462.	0.	0.	6462.	1975.6	340.	6802.
7	1241.	5664.	0.	0.	5664.	1972.2	259.	5923.
8	1087.	6175.	0.	0.	6175.	1968.4	227.	6402.
9	901.	6690.	0.	0.	6690.	1964.0	185.	6875.
10	809.	7425.	0.	0.	7425.	1959.0	141.	7566.
11	767.	7840.	0.	0.	7840.	1953.7	133.	7973.
12	724.	7514.	0.	0.	7514.	1948.3	126.	7640.
13	687.	6813.	0.	0.	6813.	1942.8	120.	6933.
14	658.	6318.	0.	0.	6318.	1937.8	113.	6431.
15	640.	6323.	0.	0.	6323.	1932.8	110.	6433.
16	598.	6345.	0.	0.	6345.	1927.7	102.	6447.
17	598.	6354.	0.	0.	6354.	1922.6	102.	6456.
18	598.	6363.	0.	0.	6363.	1917.5	102.	6465.
19	587.	6424.	0.	0.	6424.	1912.3	113.	6537.
20	599.	6388.	0.	0.	6388.	1907.2	115.	6503.
21	630.	6370.	0.	0.	6370.	1902.1	120.	6490.
22	630.	6182.	0.	0.	6182.	1896.7	120.	6302.
23	655.	5464.	0.	0.	5464.	1891.7	124.	5588.
24	673.	5001.	0.	0.	5001.	1887.2	127.	5128.
25	709.	4546.	0.	0.	4546.	1883.3	134.	4680.
26	732.	4262.	0.	0.	4262.	1879.6	139.	4401.
27	779.	4110.	0.	0.	4110.	1876.1	178.	4288.
28	919.	3730.	0.	0.	3730.	1873.2	210.	3940.
29	1196.	3330.	0.	0.	3330.	1871.0	275.	3605.
30	1696.	2939.	0.	0.	2939.	1869.7	390.	3329.
31	2867.	2361.	0.	0.	2361.	1870.2	533.	2894.
32	5116.	3103.	0.	0.	3103.	1872.3	897.	4000.
33	9727.	4293.	0.	0.	4293.	1878.0	1707.	6000.
34	17064.	3040.	0.	0.	3040.	1892.5	2993.	6033.
35	10209.	4240.	0.	0.	4240.	1898.7	1860.	6100.
36	11525.	6725.	0.	0.	6725.	1903.2	1275.	8000.
37	14689.	6560.	0.	0.	6560.	1910.4	1625.	8185.
38	16092.	7360.	0.	0.	7360.	1918.1	1779.	9139.
39	14614.	7620.	0.	0.	7620.	1924.3	1615.	9235.
40	13051.	7128.	0.	0.	7128.	1929.5	878.	8006.
41	16518.	6894.	0.	0.	6894.	1938.1	1111.	8005.
42	16974.	6860.	0.	0.	6860.	1947.0	1140.	8000.
43	14188.	7045.	0.	0.	7045.	1952.9	955.	8000.
44	11668.	6720.	0.	0.	6720.	1956.6	1718.	8438.
45	12201.	6774.	0.	0.	6774.	1960.7	2085.	8859.
46	6318.	6919.	0.	0.	6919.	1960.3	1081.	8000.
47	5126.	7125.	0.	0.	7125.	1958.7	875.	8000.
48	4792.	7199.	0.	0.	7199.	1956.9	801.	8000.
49	5256.	6953.	0.	0.	6953.	1955.6	1047.	8000.
50	4595.	6084.	0.	0.	6084.	1954.5	916.	7000.
51	3939.	6023.	0.	0.	6023.	1952.9	787.	6810.
52	3308.	5607.	0.	0.	5607.	1950.9	661.	6268.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	3018.	5078.	0.	0.	5078.	1949.3	922.	6000.
2	2841.	5132.	0.	0.	5132.	1947.3	868.	6000.
3	2489.	4240.	0.	0.	4240.	1945.7	760.	5000.
4	1680.	3487.	0.	0.	3487.	1944.1	513.	4000.
5	1432.	3667.	0.	0.	3667.	1942.1	282.	3949.
6	1202.	4071.	0.	0.	4071.	1939.6	227.	4298.
7	950.	4460.	0.	0.	4460.	1936.5	179.	4639.
8	842.	4863.	0.	0.	4863.	1932.9	158.	5021.
9	787.	5268.	0.	0.	5268.	1928.9	149.	5417.
10	735.	5847.	0.	0.	5847.	1924.4	165.	6012.
11	699.	6174.	0.	0.	6174.	1919.6	158.	6332.
12	694.	5917.	0.	0.	5917.	1914.9	156.	6073.
13	694.	5365.	0.	0.	5365.	1910.8	156.	5521.
14	656.	4976.	0.	0.	4976.	1907.0	194.	5170.
15	656.	4980.	0.	0.	4980.	1903.1	194.	5174.
16	628.	4997.	0.	0.	4997.	1899.1	186.	5183.
17	617.	5004.	0.	0.	5004.	1894.6	183.	5187.
18	618.	5011.	0.	0.	5011.	1890.0	182.	5193.
19	628.	5059.	0.	0.	5059.	1885.4	172.	5231.
20	589.	5031.	0.	0.	5031.	1880.8	161.	5192.
21	589.	5016.	0.	0.	5016.	1876.2	161.	5177.
22	589.	4868.	0.	0.	4868.	1871.8	161.	5029.
23	605.	4303.	0.	0.	4303.	1868.0	145.	4448.
24	616.	3938.	0.	0.	3938.	1864.5	148.	4086.
25	645.	3580.	0.	0.	3580.	1861.5	155.	3735.
26	645.	3356.	0.	0.	3356.	1858.6	155.	3511.
27	769.	3236.	0.	0.	3236.	1856.1	81.	3317.
28	846.	2937.	0.	0.	2937.	1853.9	90.	3027.
29	969.	2622.	0.	0.	2622.	1852.2	102.	2724.
30	1176.	2315.	0.	0.	2315.	1851.0	124.	2439.
31	1634.	1859.	0.	0.	1859.	1850.8	309.	2168.
32	3900.	3286.	0.	0.	3286.	1851.4	714.	4000.
33	13817.	3474.	0.	0.	3474.	1862.2	2526.	6000.
34	12474.	3717.	0.	0.	3717.	1871.2	2283.	6000.
35	15221.	4240.	0.	0.	4240.	1882.6	2908.	7148.
36	12989.	5360.	0.	0.	5360.	1890.6	3982.	9342.
37	12531.	6560.	0.	0.	6560.	1896.8	3840.	10400.
38	11864.	7360.	0.	0.	7360.	1901.2	3636.	10996.
39	19977.	7620.	0.	0.	7620.	1912.2	6123.	13743.
40	20089.	7128.	0.	0.	7128.	1923.6	4940.	12068.
41	16855.	6894.	0.	0.	6894.	1932.5	4145.	11039.
42	18059.	6691.	0.	0.	6691.	1942.5	4441.	11132.
43	17267.	6640.	0.	0.	6640.	1951.7	4247.	10887.
44	21606.	6720.	0.	0.	6720.	1962.9	4823.	11543.
45	18880.	6774.	0.	0.	6774.	1972.1	3991.	10765.
46	14586.	8548.	0.	0.	8548.	1976.6	3085.	11633.
47	16486.	8670.	0.	0.	8670.	1982.6	3485.	12155.
48	11350.	8932.	0.	0.	8932.	1984.4	2436.	11368.
49	9396.	7359.	0.	0.	7359.	1985.9	2501.	9860.
50	7477.	7505.	0.	0.	7505.	1985.9	1989.	9494.
51	7616.	7648.	0.	0.	7648.	1985.9	2027.	9675.
52	4244.	7120.	0.	0.	7120.	1983.4	1131.	8251.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	4991.	5680.	0.	0.	5680.	1982.9	2026.	7706.
2	4166.	4309.	0.	0.	4309.	1982.8	1691.	6000.
3	3393.	3840.	0.	0.	3840.	1982.4	1378.	5218.
4	2885.	4185.	0.	0.	4185.	1981.4	1172.	5357.
5	2923.	4657.	0.	0.	4657.	1980.1	1077.	5734.
6	2796.	5170.	0.	0.	5170.	1978.3	1004.	6174.
7	2543.	7080.	0.	0.	7080.	1974.9	914.	7994.
8	2249.	7719.	0.	0.	7719.	1970.8	808.	8527.
9	2013.	6690.	0.	0.	6690.	1967.2	730.	7420.
10	1886.	7425.	0.	0.	7425.	1963.0	685.	8110.
11	1761.	7840.	0.	0.	7840.	1958.4	639.	8479.
12	1614.	9392.	0.	0.	9392.	1952.6	586.	9978.
13	1446.	8516.	0.	0.	8516.	1946.7	525.	9041.
14	1328.	7898.	0.	0.	7898.	1940.9	415.	8313.
15	1188.	7904.	0.	0.	7904.	1935.0	369.	8273.
16	1080.	7931.	0.	0.	7931.	1928.9	334.	8265.
17	950.	7943.	0.	0.	7943.	1922.7	293.	8236.
18	880.	7954.	0.	0.	7954.	1916.4	277.	8231.
19	821.	8030.	0.	0.	8030.	1910.1	279.	8309.
20	746.	7985.	0.	0.	7985.	1903.6	254.	8239.
21	746.	7962.	0.	0.	7962.	1896.8	254.	8216.
22	730.	7727.	0.	0.	7727.	1889.5	249.	7976.
23	716.	6830.	0.	0.	6830.	1883.2	234.	7064.
24	716.	5001.	0.	0.	5001.	1878.7	234.	5235.
25	716.	4546.	0.	0.	4546.	1874.8	234.	4780.
26	716.	4262.	0.	0.	4262.	1871.1	234.	4496.
27	717.	4110.	0.	0.	4110.	1867.6	247.	4357.
28	744.	3730.	0.	0.	3730.	1864.5	256.	3986.
29	808.	3330.	0.	0.	3330.	1861.8	278.	3608.
30	904.	2939.	0.	0.	2939.	1859.7	310.	3249.
31	1098.	2361.	0.	0.	2361.	1858.4	359.	2720.
32	1415.	3515.	0.	0.	3515.	1856.2	485.	4000.
33	2087.	5287.	0.	0.	5287.	1852.9	713.	6000.
34	3683.	4740.	0.	0.	4740.	1851.8	1260.	6000.
35	6558.	3844.	0.	0.	3844.	1854.6	2156.	6000.
36	19251.	5394.	0.	0.	5394.	1869.0	3606.	9000.
37	39740.	6560.	0.	0.	6560.	1902.9	7446.	14006.
38	24136.	7360.	0.	0.	7360.	1917.8	4521.	11881.
39	33340.	7620.	0.	0.	7620.	1940.6	6246.	13866.
40	21395.	8910.	0.	0.	8910.	1951.4	3076.	11986.
41	21771.	9363.	0.	0.	9363.	1960.8	3129.	12492.
42	25092.	9097.	0.	0.	9097.	1972.9	3608.	12705.
43	16325.	8933.	0.	0.	8933.	1978.5	2346.	11279.
44	20943.	9152.	0.	0.	9152.	1987.4	3414.	12566.
45	38945.	9032.	0.	13256.	22289.	2000.0	5798.	28086.
46	34819.	9101.	0.	24000.	33101.	2001.1	5181.	38282.
47	21352.	9213.	0.	13857.	23070.	2000.0	3177.	26247.
48	16880.	9494.	0.	7386.	16880.	2000.0	2591.	19471.
49	19170.	9800.	0.	9370.	19170.	2000.0	3687.	22857.
50	12233.	9995.	0.	2238.	12233.	2000.0	2353.	14586.
51	9251.	10221.	0.	0.	10221.	1999.3	1778.	11999.
52	8027.	10417.	0.	0.	10417.	1997.2	1545.	11962.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	9940.	0.	0.	9940.	1994.7	1125.	11065.
2	5931.	6120.	0.	0.	6120.	1994.5	1008.	7128.
3	4501.	5760.	0.	0.	5760.	1993.6	766.	6526.
4	3711.	6277.	0.	0.	6277.	1991.7	632.	6909.
5	3005.	6985.	0.	0.	6985.	1988.6	595.	7580.
6	2717.	7754.	0.	0.	7754.	1984.8	540.	8294.
7	2574.	8496.	0.	0.	8496.	1980.4	512.	9008.
8	2430.	7719.	0.	0.	7719.	1976.4	484.	8203.
9	2311.	8362.	0.	0.	8362.	1971.8	460.	8822.
10	2016.	9281.	0.	0.	9281.	1966.3	584.	9865.
11	2016.	9800.	0.	0.	9800.	1960.4	584.	10384.
12	1860.	9392.	0.	0.	9392.	1954.7	540.	9932.
13	1860.	8516.	0.	0.	8516.	1949.6	540.	9056.
14	1790.	9478.	0.	0.	9478.	1942.8	610.	10088.
15	1642.	9485.	0.	0.	9485.	1935.8	558.	10043.
16	1642.	7931.	0.	0.	7931.	1930.3	558.	8489.
17	1642.	7943.	0.	0.	7943.	1924.7	558.	8501.
18	1643.	7954.	0.	0.	7954.	1919.1	557.	8511.
19	1528.	8030.	0.	0.	8030.	1913.3	558.	8588.
20	1465.	7985.	0.	0.	7985.	1907.6	535.	8520.
21	1465.	7962.	0.	0.	7962.	1901.8	535.	8497.
22	1403.	7727.	0.	0.	7727.	1895.6	511.	8238.
23	1416.	6830.	0.	0.	6830.	1889.9	470.	7300.
24	1351.	6251.	0.	0.	6251.	1884.9	449.	6700.
25	1351.	5682.	0.	0.	5682.	1880.4	449.	6131.
26	1329.	5327.	0.	0.	5327.	1876.2	442.	5769.
27	1241.	5137.	0.	0.	5137.	1872.2	459.	5596.
28	1241.	4662.	0.	0.	4662.	1868.6	459.	5121.
29	1189.	4162.	0.	0.	4162.	1865.5	440.	4602.
30	1241.	3674.	0.	0.	3674.	1863.0	459.	4133.
31	2386.	2951.	0.	0.	2951.	1862.4	1000.	3951.
32	13753.	2730.	0.	0.	2730.	1873.9	5818.	8548.
33	13553.	2900.	0.	0.	2900.	1884.9	5733.	8633.
34	18894.	3800.	0.	0.	3800.	1900.5	7992.	11792.
35	31966.	6360.	0.	0.	6360.	1923.2	12277.	18637.
36	20142.	9380.	0.	0.	9380.	1932.7	4329.	13709.
37	35772.	10421.	0.	0.	10421.	1954.4	7685.	18106.
38	31327.	9843.	0.	0.	9843.	1970.7	6730.	16573.
39	21178.	9384.	0.	0.	9384.	1979.6	4551.	13935.
40	22096.	8850.	0.	0.	8850.	1989.6	3275.	12125.
41	22084.	8621.	0.	0.	8621.	1999.8	3273.	11894.
42	19683.	8537.	0.	10863.	19400.	2000.0	2917.	22318.
43	16050.	8530.	0.	7520.	16050.	2000.0	2379.	18429.
44	18343.	8882.	0.	9461.	18343.	2000.0	1900.	20243.
45	19675.	8907.	0.	10768.	19675.	2000.0	2054.	21729.
46	18045.	9051.	0.	8995.	18045.	2000.0	1884.	19929.
47	18653.	9204.	0.	9449.	18653.	2000.0	1947.	20600.
48	12473.	9475.	0.	2998.	12473.	2000.0	1313.	13786.
49	11598.	9765.	0.	1833.	11598.	2000.0	1588.	13186.
50	15857.	10013.	0.	5844.	15857.	2000.0	2172.	18029.
51	11686.	10221.	0.	1465.	11686.	2000.0	1600.	13286.
52	5278.	10426.	0.	0.	10426.	1995.5	722.	11148.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	4296.	8520.	0.	0.	8520.	1992.4	490.	9010.
2	3976.	6120.	0.	0.	6120.	1990.7	453.	6573.
3	5515.	5760.	0.	0.	5760.	1990.5	628.	6388.
4	4090.	6277.	0.	0.	6277.	1988.9	467.	6744.
5	2727.	6985.	0.	0.	6985.	1985.7	387.	7372.
6	2210.	6462.	0.	0.	6462.	1982.5	333.	6795.
7	1887.	7080.	0.	0.	7080.	1978.5	284.	7364.
8	1738.	7719.	0.	0.	7719.	1974.0	262.	7981.
9	1519.	8362.	0.	0.	8362.	1968.8	224.	8586.
10	1356.	9281.	0.	0.	9281.	1962.8	244.	9525.
11	1210.	9800.	0.	0.	9800.	1956.3	219.	10019.
12	1186.	9392.	0.	0.	9392.	1950.1	214.	9606.
13	1186.	8516.	0.	0.	8516.	1943.7	214.	8730.
14	1051.	7898.	0.	0.	7898.	1937.6	178.	8076.
15	1026.	7904.	0.	0.	7904.	1931.5	174.	8078.
16	1026.	7931.	0.	0.	7931.	1925.4	174.	8105.
17	1026.	6354.	0.	0.	6354.	1920.7	174.	6528.
18	1035.	6363.	0.	0.	6363.	1915.9	165.	6528.
19	1008.	6424.	0.	0.	6424.	1911.1	192.	6616.
20	1008.	6388.	0.	0.	6388.	1906.4	192.	6580.
21	1008.	6370.	0.	0.	6370.	1901.6	192.	6562.
22	929.	6182.	0.	0.	6182.	1896.5	185.	6367.
23	868.	5464.	0.	0.	5464.	1891.7	132.	5596.
24	868.	5001.	0.	0.	5001.	1887.4	132.	5133.
25	868.	4546.	0.	0.	4546.	1883.6	132.	4678.
26	868.	4262.	0.	0.	4262.	1880.1	132.	4394.
27	879.	4110.	0.	0.	4110.	1876.7	121.	4231.
28	879.	3730.	0.	0.	3730.	1873.8	121.	3851.
29	879.	3330.	0.	0.	3330.	1871.2	121.	3451.
30	929.	2939.	0.	0.	2939.	1869.1	128.	3067.
31	1227.	2361.	0.	0.	2361.	1867.9	173.	2534.
32	2355.	3669.	0.	0.	3669.	1866.6	331.	4000.
33	8066.	4866.	0.	0.	4866.	1869.9	1134.	6000.
34	11109.	4438.	0.	0.	4438.	1876.8	1562.	6000.
35	13811.	4240.	0.	0.	4240.	1886.8	1903.	6143.
36	17385.	6171.	0.	0.	6171.	1898.4	2829.	9000.
37	28985.	6560.	0.	0.	6560.	1918.5	4715.	11275.
38	31344.	9200.	0.	0.	9200.	1938.1	5099.	14299.
39	20593.	10079.	0.	0.	10079.	1947.4	3350.	13429.
40	18980.	9516.	0.	0.	9516.	1955.0	2077.	11593.
41	18143.	9318.	0.	0.	9318.	1961.6	1986.	11304.
42	13728.	9166.	0.	0.	9166.	1965.1	1501.	10667.
43	14810.	9097.	0.	0.	9097.	1969.4	1619.	10716.
44	15752.	9372.	0.	0.	9372.	1974.2	1905.	11277.
45	18754.	9273.	0.	0.	9273.	1981.4	2275.	11548.
46	14942.	9317.	0.	0.	9317.	1985.7	1815.	11132.
47	19441.	9356.	0.	0.	9356.	1993.3	2359.	11715.
48	20593.	9532.	0.	2188.	11720.	2000.0	2578.	14298.
49	11210.	9763.	0.	1447.	11210.	2000.0	1604.	12814.
50	7823.	10001.	0.	0.	10001.	1998.4	1119.	11120.
51	6605.	10273.	0.	0.	10273.	1995.6	946.	11219.
52	5366.	10518.	0.	0.	10518.	1991.1	768.	11286.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	4607.	8520.	0.	0.	8520.	1988.2	1029.	9549.
2	3710.	5171.	0.	0.	5171.	1987.1	829.	6000.
3	2558.	4800.	0.	0.	4800.	1985.4	572.	5372.
4	1938.	5231.	0.	0.	5231.	1982.9	433.	5664.
5	1693.	5821.	0.	0.	5821.	1979.7	221.	6042.
6	1459.	6462.	0.	0.	6462.	1976.0	184.	6646.
7	1344.	7080.	0.	0.	7080.	1971.6	170.	7250.
8	1230.	6175.	0.	0.	6175.	1967.9	156.	6331.
9	1129.	6690.	0.	0.	6690.	1963.7	142.	6832.
10	1028.	7425.	0.	0.	7425.	1958.8	115.	7540.
11	926.	7840.	0.	0.	7840.	1953.6	103.	7943.
12	881.	7514.	0.	0.	7514.	1948.4	98.	7612.
13	854.	6813.	0.	0.	6813.	1943.1	96.	6909.
14	816.	6318.	0.	0.	6318.	1938.2	91.	6409.
15	811.	6323.	0.	0.	6323.	1933.3	89.	6412.
16	778.	6345.	0.	0.	6345.	1928.4	86.	6431.
17	765.	6354.	0.	0.	6354.	1923.4	85.	6439.
18	745.	6363.	0.	0.	6363.	1918.5	84.	6447.
19	707.	6424.	0.	0.	6424.	1913.4	93.	6517.
20	694.	6388.	0.	0.	6388.	1908.4	92.	6480.
21	662.	6370.	0.	0.	6370.	1903.3	88.	6458.
22	663.	6182.	0.	0.	6182.	1898.1	87.	6269.
23	648.	5464.	0.	0.	5464.	1893.1	102.	5566.
24	636.	5001.	0.	0.	5001.	1888.6	100.	5101.
25	605.	4546.	0.	0.	4546.	1884.5	95.	4641.
26	605.	4262.	0.	0.	4262.	1880.7	95.	4357.
27	594.	4110.	0.	0.	4110.	1877.1	106.	4216.
28	620.	3730.	0.	0.	3730.	1873.8	109.	3839.
29	747.	3330.	0.	0.	3330.	1871.2	132.	3462.
30	1189.	2939.	0.	0.	2939.	1869.4	211.	3150.
31	2059.	2361.	0.	0.	2361.	1869.0	512.	2873.
32	5341.	2755.	0.	0.	2755.	1871.7	1245.	4000.
33	9964.	3678.	0.	0.	3678.	1878.2	2322.	6000.
34	22246.	3040.	0.	0.	3040.	1898.2	5183.	8223.
35	25280.	5300.	0.	0.	5300.	1916.1	6077.	11377.
36	16013.	8040.	0.	0.	8040.	1923.2	3544.	11584.
37	13675.	10925.	0.	0.	10925.	1925.6	3025.	13950.
38	12785.	10705.	0.	0.	10705.	1927.5	2829.	13534.
39	13651.	10424.	0.	0.	10424.	1930.3	3020.	13444.
40	14383.	9942.	0.	0.	9942.	1934.3	2560.	12502.
41	17876.	9756.	0.	0.	9756.	1941.5	3181.	12937.
42	16396.	9560.	0.	0.	9560.	1947.5	2918.	12478.
43	15766.	9448.	0.	0.	9448.	1952.7	2805.	12253.
44	14730.	9733.	0.	0.	9733.	1956.4	2984.	12717.
45	15504.	8468.	0.	0.	8468.	1961.8	3182.	11650.
46	13265.	6838.	0.	0.	6838.	1966.6	2721.	9559.
47	10498.	6936.	0.	0.	6936.	1969.3	2153.	9089.
48	14244.	7146.	0.	0.	7146.	1974.7	2886.	10032.
49	13395.	7359.	0.	0.	7359.	1979.3	3219.	10578.
50	7511.	7505.	0.	0.	7505.	1979.3	1803.	9308.
51	7590.	7648.	0.	0.	7648.	1979.2	1823.	9471.
52	9984.	7120.	0.	0.	7120.	1981.7	2401.	9521.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONC. VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1975 1	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
2	4537.	5680.	0.	0.	5680.	1980.8	6646.
3	4509.	5040.	0.	0.	5040.	1980.4	6000.
4	2402.	4488.	0.	0.	4488.	1978.8	5000.
5	1602.	4185.	0.	0.	4185.	1976.9	4526.
6	1468.	4657.	0.	0.	4657.	1974.5	4889.
7	1478.	5170.	0.	0.	5170.	1971.7	5392.
8	1478.	5664.	0.	0.	5664.	1968.5	5886.
9	1478.	6175.	0.	0.	6175.	1965.0	6397.
10	1461.	6690.	0.	0.	6690.	1961.0	6915.
11	1264.	7425.	0.	0.	7425.	1956.4	7761.
12	1264.	7840.	0.	0.	7840.	1951.4	8176.
13	1264.	7514.	0.	0.	7514.	1946.1	7850.
14	1264.	6813.	0.	0.	6813.	1941.2	7149.
15	1270.	6318.	0.	0.	6318.	1936.7	6634.
16	1203.	6323.	0.	0.	6323.	1932.2	6620.
17	1203.	6345.	0.	0.	6345.	1927.6	6642.
18	1203.	6354.	0.	0.	6354.	1923.0	6651.
19	1200.	6363.	0.	0.	6363.	1918.5	6663.
20	1123.	6424.	0.	0.	6424.	1913.8	6801.
21	1123.	6388.	0.	0.	6388.	1909.1	6765.
22	1081.	7962.	0.	0.	7962.	1903.0	8324.
23	1051.	7727.	0.	0.	7727.	1896.6	8076.
24	1040.	6830.	0.	0.	6830.	1890.6	7190.
25	1040.	6251.	0.	0.	6251.	1885.2	6611.
26	1040.	5682.	0.	0.	5682.	1880.4	6042.
27	1040.	5327.	0.	0.	5327.	1875.9	5687.
28	1036.	5137.	0.	0.	5137.	1871.7	5501.
29	1047.	4662.	0.	0.	4662.	1867.9	5029.
30	1142.	4162.	0.	0.	4162.	1864.8	4563.
31	1354.	3674.	0.	0.	3674.	1862.4	4149.
32	2133.	2951.	0.	0.	2951.	1861.5	3661.
33	5138.	2730.	0.	0.	2730.	1864.0	4449.
34	11291.	2900.	0.	0.	2900.	1872.7	6680.
35	17252.	3800.	0.	0.	3800.	1886.7	9577.
36	23081.	5300.	0.	0.	5300.	1904.4	12719.
37	30459.	8040.	0.	0.	8040.	1924.2	13981.
38	22880.	10778.	0.	0.	10778.	1935.0	15241.
39	28749.	10280.	0.	0.	10280.	1951.1	15888.
40	25700.	9759.	0.	0.	9759.	1963.2	14773.
41	23413.	9158.	0.	0.	9158.	1974.0	13245.
42	25455.	8885.	0.	0.	8885.	1986.5	13330.
43	24131.	8617.	0.	0.	8617.	1998.2	12829.
44	22076.	8559.	0.	11195.	19754.	2000.0	23607.
45	20265.	8890.	0.	11375.	20265.	2000.0	24200.
46	16199.	8892.	0.	7307.	16199.	2000.0	19486.
47	15474.	9039.	0.	6435.	15474.	2000.0	18614.
48	13658.	9182.	0.	4476.	13658.	2000.0	16429.
49	11762.	9471.	0.	2291.	11762.	2000.0	14157.
50	9359.	9759.	0.	0.	9759.	1999.7	12143.
51	15849.	10014.	0.	5436.	15449.	2000.0	19486.
52	14847.	10236.	0.	4611.	14847.	2000.0	18629.
53	12513.	10392.	0.	2121.	12513.	2000.0	15700.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	7559.	9940.	0.	0.	9940.	1998.2	2727.	12667.
2	6664.	7140.	0.	0.	7140.	1997.8	2407.	9547.
3	6139.	6720.	0.	0.	6720.	1997.4	2218.	8938.
4	3621.	7323.	0.	0.	7323.	1994.6	1308.	8631.
5	2720.	8149.	0.	0.	8149.	1990.5	709.	8858.
6	1937.	7754.	0.	0.	7754.	1986.1	520.	8274.
7	1475.	8496.	0.	0.	8496.	1980.8	396.	8892.
8	1173.	7719.	0.	0.	7719.	1975.8	313.	8032.
9	1011.	8362.	0.	0.	8362.	1970.3	260.	8622.
10	925.	9281.	0.	0.	9281.	1963.9	218.	9499.
11	890.	9800.	0.	0.	9800.	1957.2	210.	10010.
12	855.	9392.	0.	0.	9392.	1950.8	202.	9594.
13	809.	8516.	0.	0.	8516.	1944.1	191.	8707.
14	778.	7898.	0.	0.	7898.	1937.7	222.	8120.
15	778.	7904.	0.	0.	7904.	1931.4	222.	8126.
16	750.	7931.	0.	0.	7931.	1925.1	214.	8145.
17	739.	6354.	0.	0.	6354.	1920.1	211.	6565.
18	741.	6363.	0.	0.	6363.	1915.1	209.	6572.
19	746.	6424.	0.	0.	6424.	1910.1	204.	6628.
20	746.	6388.	0.	0.	6388.	1905.1	204.	6592.
21	746.	6370.	0.	0.	6370.	1900.1	204.	6574.
22	726.	6182.	0.	0.	6182.	1894.5	203.	6385.
23	687.	5464.	0.	0.	5464.	1889.5	213.	5677.
24	687.	5001.	0.	0.	5001.	1885.0	213.	5214.
25	687.	4546.	0.	0.	4546.	1881.0	213.	4759.
26	687.	4262.	0.	0.	4262.	1877.3	213.	4475.
27	644.	4110.	0.	0.	4110.	1873.7	256.	4366.
28	675.	3730.	0.	0.	3730.	1870.6	268.	3998.
29	839.	3330.	0.	0.	3330.	1868.0	332.	3662.
30	1402.	2939.	0.	0.	2939.	1866.4	555.	3494.
31	3440.	2361.	0.	0.	2361.	1867.5	1517.	3878.
32	9778.	2184.	0.	0.	2184.	1875.4	4165.	6349.
33	9397.	2320.	0.	0.	2320.	1882.7	4003.	6323.
34	9828.	3040.	0.	0.	3040.	1889.8	4186.	7226.
35	11375.	4240.	0.	0.	4240.	1897.2	4754.	8994.
36	23100.	5360.	0.	0.	5360.	1913.3	4600.	9960.
37	24887.	8200.	0.	0.	8200.	1928.1	4956.	13156.
38	17525.	10577.	0.	0.	10577.	1934.2	3489.	14066.
39	16928.	10208.	0.	0.	10208.	1940.2	3372.	13580.
40	16991.	9684.	0.	0.	9684.	1946.7	2338.	12022.
41	16954.	9497.	0.	0.	9497.	1952.8	2332.	11829.
42	16164.	9329.	0.	0.	9329.	1958.0	2222.	11551.
43	16576.	9228.	0.	0.	9228.	1963.5	2281.	11509.
44	20226.	9458.	0.	0.	9458.	1971.7	1488.	10946.
45	26317.	9267.	0.	0.	9267.	1984.6	1397.	10664.
46	19534.	9221.	0.	0.	9221.	1992.4	1037.	10258.
47	15004.	9258.	0.	0.	9258.	1996.7	796.	10054.
48	10554.	9513.	0.	0.	9513.	1997.5	629.	10142.
49	6302.	9828.	0.	0.	9828.	1994.8	1427.	11255.
50	5160.	10124.	0.	0.	10124.	1991.1	1170.	11294.
51	5190.	10440.	0.	0.	10440.	1987.1	1177.	11617.
52	5530.	8900.	0.	0.	8900.	1984.2	1251.	10151.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	3729.	5680.	0.	5680.	1982.7	1102.	6782.
2	3045.	5102.	0.	5102.	1981.2	898.	6000.
3	2903.	4143.	0.	4143.	1980.2	857.	5000.
4	2576.	4185.	0.	4185.	1979.0	761.	4946.
5	2139.	4657.	0.	4657.	1977.1	804.	5461.
6	1963.	5170.	0.	5170.	1974.7	751.	5921.
7	1839.	5664.	0.	5664.	1971.8	704.	6368.
8	1736.	6175.	0.	6175.	1968.4	664.	6839.
9	2097.	6690.	0.	6690.	1964.9	789.	7479.
10	1902.	7425.	0.	7425.	1960.8	812.	8237.
11	1722.	7840.	0.	7840.	1956.1	735.	8575.
12	1583.	7514.	0.	7514.	1951.7	674.	8188.
13	1462.	8516.	0.	8516.	1945.7	624.	9140.
14	1442.	7898.	0.	7898.	1940.0	515.	8413.
15	1400.	7904.	0.	7904.	1934.2	500.	8404.
16	1326.	7931.	0.	7931.	1928.4	474.	8405.
17	1294.	7943.	0.	7943.	1922.5	463.	8406.
18	1257.	7954.	0.	7954.	1916.5	443.	8397.
19	1219.	8030.	0.	8030.	1910.5	410.	8440.
20	1197.	7985.	0.	7985.	1904.5	403.	8388.
21	1197.	7962.	0.	7962.	1898.2	403.	8365.
22	1156.	7727.	0.	7727.	1891.4	401.	8128.
23	1106.	6830.	0.	6830.	1885.5	394.	7224.
24	1106.	6251.	0.	6251.	1880.1	394.	6645.
25	1106.	5682.	0.	5682.	1875.4	394.	6076.
26	1106.	4262.	0.	4262.	1872.1	394.	4656.
27	1149.	4110.	0.	4110.	1869.0	451.	4561.
28	1149.	3730.	0.	3730.	1866.4	451.	4181.
29	1211.	3330.	0.	3330.	1864.2	475.	3805.
30	1272.	2939.	0.	2939.	1862.4	499.	3438.
31	1314.	2361.	0.	2361.	1861.3	657.	3018.
32	2267.	2810.	0.	2810.	1860.8	1190.	4000.
33	8205.	2320.	0.	2320.	1866.9	4309.	6629.
34	12588.	3040.	0.	3040.	1876.8	6612.	9652.
35	19531.	4240.	0.	4240.	1892.7	9669.	13909.
36	29414.	5360.	0.	5360.	1915.1	5543.	10903.
37	38957.	8200.	0.	8200.	1942.3	7343.	15543.
38	31928.	10095.	0.	10095.	1959.9	6015.	16110.
39	28489.	9548.	0.	9548.	1974.3	5368.	14916.
40	18502.	8977.	0.	8977.	1981.5	3212.	12189.
41	20572.	8779.	0.	8779.	1990.4	3571.	12350.
42	21740.	8570.	0.	9031.	2000.0	3774.	12805.
43	18089.	8538.	0.	9551.	2000.0	3140.	21229.
44	19531.	8887.	0.	10644.	2000.0	2755.	22286.
45	18939.	8904.	0.	10035.	2000.0	2390.	21329.
46	17328.	9047.	0.	8281.	2000.0	2186.	19514.
47	17519.	9199.	0.	8320.	2000.0	2210.	19729.
48	11066.	9468.	0.	1598.	2000.0	1448.	12514.
49	8643.	9764.	0.	0.	1999.2	1720.	11484.
50	12235.	9998.	0.	1116.	2000.0	2436.	13550.
51	11736.	10221.	0.	1515.	2000.0	2335.	14071.
52	9877.	10386.	0.	0.	1999.6	1965.	12351.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	9940.	0.	0.	9940.	1997.2	2047.	11987.
2	6882.	7140.	0.	0.	7140.	1997.0	2075.	9215.
3	6046.	6720.	0.	0.	6720.	1996.5	1825.	8545.
4	4510.	7323.	0.	0.	7323.	1994.3	1361.	8684.
5	3355.	8149.	0.	0.	8149.	1990.7	1131.	9280.
6	2862.	7754.	0.	0.	7754.	1987.0	967.	8721.
7	2578.	8496.	0.	0.	8496.	1982.5	872.	9368.
8	2392.	7719.	0.	0.	7719.	1978.5	808.	8527.
9	2223.	8362.	0.	0.	8362.	1973.9	741.	9103.
10	2108.	9281.	0.	0.	9281.	1968.4	649.	9930.
11	2015.	9800.	0.	0.	9800.	1962.5	621.	10421.
12	1955.	9392.	0.	0.	9392.	1956.9	602.	9994.
13	1808.	10219.	0.	0.	10219.	1950.6	556.	10775.
14	1741.	11057.	0.	0.	11057.	1942.4	495.	11552.
15	1641.	9485.	0.	0.	9485.	1935.5	466.	9951.
16	1557.	7931.	0.	0.	7931.	1929.8	443.	8374.
17	1496.	7943.	0.	0.	7943.	1924.1	425.	8368.
18	1403.	7954.	0.	0.	7954.	1918.3	404.	8358.
19	1285.	8030.	0.	0.	8030.	1912.3	415.	8445.
20	1247.	7985.	0.	0.	7985.	1906.4	403.	8388.
21	1247.	7962.	0.	0.	7962.	1900.4	403.	8365.
22	1212.	7727.	0.	0.	7727.	1893.7	388.	8115.
23	1258.	6830.	0.	0.	6830.	1887.9	342.	7172.
24	1258.	6251.	0.	0.	6251.	1882.7	342.	6593.
25	1258.	5682.	0.	0.	5682.	1878.2	342.	6024.
26	1275.	5327.	0.	0.	5327.	1874.0	346.	5673.
27	1251.	5137.	0.	0.	5137.	1869.9	399.	5536.
28	1251.	4662.	0.	0.	4662.	1866.4	399.	5061.
29	1251.	4162.	0.	0.	4162.	1863.4	399.	4561.
30	1322.	3674.	0.	0.	3674.	1860.9	421.	4095.
31	3355.	2951.	0.	0.	2951.	1861.3	288.	3239.
32	11862.	3305.	0.	0.	3305.	1870.2	695.	4000.
33	16195.	5052.	0.	0.	5052.	1881.8	948.	6000.
34	10959.	5359.	0.	0.	5359.	1887.6	641.	6000.
35	11660.	5300.	0.	0.	5300.	1894.2	711.	6011.
36	13979.	6700.	0.	0.	6700.	1901.5	1407.	8107.
37	19417.	8200.	0.	0.	8200.	1911.4	1954.	10154.
38	16614.	9200.	0.	0.	9200.	1918.0	1672.	10872.
39	20703.	9525.	0.	0.	9525.	1927.9	2083.	11608.
40	19608.	8910.	0.	0.	8910.	1937.4	2706.	11616.
41	18215.	9683.	0.	0.	9683.	1944.9	2514.	12197.
42	18416.	9469.	0.	0.	9469.	1952.4	2541.	12010.
43	18064.	9330.	0.	0.	9330.	1959.0	2493.	11823.
44	16600.	9580.	0.	0.	9580.	1964.4	3614.	13194.
45	15674.	9498.	0.	0.	9498.	1969.0	3440.	12938.
46	14572.	9571.	0.	0.	9571.	1972.8	3199.	12770.
47	12160.	8670.	0.	0.	8670.	1975.4	2669.	11339.
48	8756.	7146.	0.	0.	7146.	1976.7	1930.	9076.
49	9287.	7359.	0.	0.	7359.	1978.1	1927.	9286.
50	8372.	7505.	0.	0.	7505.	1978.8	1737.	9242.
51	6293.	7648.	0.	0.	7648.	1977.8	1306.	8954.
52	4696.	7120.	0.	0.	7120.	1975.7	975.	8095.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	4195.	5680.	0.	0.	5680.	1974.5	1221.	6901.
2	4701.	4632.	0.	0.	4632.	1974.6	1368.	6000.
3	3796.	3895.	0.	0.	3895.	1974.5	1105.	5000.
4	2849.	4185.	0.	0.	4185.	1973.5	830.	5015.
5	2736.	4657.	0.	0.	4657.	1972.1	841.	5498.
6	2368.	5170.	0.	0.	5170.	1969.9	758.	5928.
7	1774.	5664.	0.	0.	5664.	1967.0	569.	6233.
8	1558.	6175.	0.	0.	6175.	1963.5	499.	6674.
9	1502.	6690.	0.	0.	6690.	1959.6	469.	7159.
10	1483.	7425.	0.	0.	7425.	1955.1	417.	7842.
11	1349.	7840.	0.	0.	7840.	1950.2	380.	8220.
12	1214.	7514.	0.	0.	7514.	1944.6	343.	7857.
13	1170.	6813.	0.	0.	6813.	1939.6	330.	7143.
14	1185.	6318.	0.	0.	6318.	1935.1	272.	6590.
15	1138.	6323.	0.	0.	6323.	1930.5	262.	6585.
16	1138.	6345.	0.	0.	6345.	1925.9	262.	6607.
17	1138.	6354.	0.	0.	6354.	1921.2	262.	6616.
18	1059.	6363.	0.	0.	6363.	1916.5	241.	6604.
19	1067.	6424.	0.	0.	6424.	1911.8	233.	6657.
20	1067.	6388.	0.	0.	6388.	1907.1	233.	6621.
21	1067.	6370.	0.	0.	6370.	1902.4	233.	6603.
22	989.	6182.	0.	0.	6182.	1897.4	211.	6393.
23	1113.	5464.	0.	0.	5464.	1892.9	87.	5551.
24	1113.	5001.	0.	0.	5001.	1888.9	87.	5088.
25	1113.	4546.	0.	0.	4546.	1885.3	87.	4633.
26	1113.	4262.	0.	0.	4262.	1882.0	87.	4349.
27	1064.	5137.	0.	0.	5137.	1877.8	136.	5273.
28	1113.	4662.	0.	0.	4662.	1874.1	144.	4806.
29	1228.	4162.	0.	0.	4162.	1871.1	158.	4320.
30	1545.	3674.	0.	0.	3674.	1868.9	198.	3872.
31	2451.	2951.	0.	0.	2951.	1868.3	292.	3243.
32	4633.	3490.	0.	0.	3490.	1869.5	510.	4000.
33	10811.	4811.	0.	0.	4811.	1875.8	1189.	6000.
34	17246.	4103.	0.	0.	4103.	1889.4	1897.	6000.
35	28470.	5300.	0.	0.	5300.	1911.5	3201.	8501.
36	25470.	8040.	0.	0.	8040.	1926.9	2016.	10056.
37	21379.	10721.	0.	0.	10721.	1936.4	1692.	12413.
38	19302.	10344.	0.	0.	10344.	1944.3	1527.	11871.
39	23880.	9916.	0.	0.	9916.	1955.7	1891.	11807.
40	22832.	9315.	0.	0.	9315.	1965.9	3539.	12854.
41	22584.	9062.	0.	0.	9062.	1976.1	3502.	12564.
42	27495.	8783.	0.	0.	8783.	1990.3	4262.	13045.
43	28100.	8607.	0.	6664.	15271.	2000.0	4357.	19628.
44	21732.	8896.	0.	12836.	21732.	2000.0	4782.	26514.
45	20346.	8910.	0.	11436.	20346.	2000.0	4454.	24800.
46	16431.	9044.	0.	7388.	16431.	2000.0	3598.	20029.
47	13993.	9183.	0.	4810.	13993.	2000.0	3064.	17057.
48	12415.	9474.	0.	2941.	12415.	2000.0	2756.	15171.
49	7911.	9769.	0.	0.	9769.	1998.6	1536.	11305.
50	7704.	10029.	0.	0.	10029.	1996.8	1499.	11528.
51	11339.	10268.	0.	0.	10268.	1997.6	2204.	12472.
52	8978.	10441.	0.	0.	10441.	1996.4	1744.	12185.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONVEYANCE RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1980 1	6672.	9940.	0.	0.	9940.	1993.9	1218.	11158.
2	8469.	6120.	0.	0.	6120.	1995.7	1545.	7665.
3	5948.	5760.	0.	0.	5760.	1995.8	1086.	6846.
4	4395.	6277.	0.	0.	6277.	1994.4	802.	7079.
5	4084.	6985.	0.	0.	6985.	1992.2	787.	7772.
6	3698.	7754.	0.	0.	7754.	1989.1	726.	8480.
7	4120.	8496.	0.	0.	8496.	1985.8	809.	9305.
8	2949.	9263.	0.	0.	9263.	1981.1	580.	9843.
9	2811.	8362.	0.	0.	8362.	1976.9	546.	8908.
10	2297.	9281.	0.	0.	9281.	1971.6	446.	9727.
11	2069.	11760.	0.	0.	11760.	1964.2	402.	12162.
12	1890.	11270.	0.	0.	11270.	1957.1	367.	11637.
13	1711.	10219.	0.	0.	10219.	1950.7	332.	10551.
14	1607.	11057.	0.	0.	11057.	1942.5	307.	11364.
15	1535.	9485.	0.	0.	9485.	1935.4	294.	9779.
16	1451.	7931.	0.	0.	7931.	1929.7	278.	8209.
17	1379.	7943.	0.	0.	7943.	1923.9	264.	8207.
18	1345.	7954.	0.	0.	7954.	1918.0	255.	8209.
19	1285.	8030.	0.	0.	8030.	1912.0	244.	8274.
20	1224.	7985.	0.	0.	7985.	1906.1	233.	8218.
21	1176.	7962.	0.	0.	7962.	1900.0	224.	8186.
22	1175.	7727.	0.	0.	7727.	1893.2	225.	7952.
23	1177.	6830.	0.	0.	6830.	1887.4	223.	7053.
24	1177.	6251.	0.	0.	6251.	1882.1	223.	6474.
25	1177.	5682.	0.	0.	5682.	1877.4	223.	5905.
26	1177.	5327.	0.	0.	5327.	1873.1	223.	5550.
27	1122.	5137.	0.	0.	5137.	1869.0	278.	5415.
28	1122.	4662.	0.	0.	4662.	1865.3	278.	4940.
29	1179.	4162.	0.	0.	4162.	1862.2	292.	4454.
30	1604.	3674.	0.	0.	3674.	1860.0	396.	4070.
31	3462.	2951.	0.	0.	2951.	1860.6	681.	3632.
32	8212.	2730.	0.	0.	2730.	1866.3	1502.	4232.
33	11764.	3850.	0.	0.	3850.	1874.5	2150.	6000.
34	10518.	4075.	0.	0.	4075.	1881.2	1925.	6000.
35	16714.	5300.	0.	0.	5300.	1893.0	3129.	8429.
36	25823.	6700.	0.	0.	6700.	1911.0	6320.	13020.
37	20349.	9840.	0.	0.	9840.	1920.3	4980.	14820.
38	26351.	10687.	0.	0.	10687.	1934.2	6449.	17136.
39	22988.	10146.	0.	0.	10146.	1945.5	5626.	15772.
40	26281.	9494.	0.	0.	9494.	1958.9	5062.	14556.
41	26663.	9172.	0.	0.	9172.	1972.1	5137.	14309.
42	28137.	8855.	0.	0.	8855.	1986.7	5420.	14275.
43	25275.	8613.	0.	0.	8613.	1999.3	4868.	13481.
44	28150.	8926.	0.	18303.	27229.	2000.0	4864.	32093.
45	19051.	8905.	0.	10147.	19051.	2000.0	4149.	23200.
46	18006.	9050.	0.	8956.	18006.	2000.0	3923.	21929.
47	16331.	9193.	0.	7138.	16331.	2000.0	3555.	19886.
48	11948.	9472.	0.	2476.	11948.	2000.0	2509.	14457.
49	8723.	9763.	0.	0.	9763.	1999.2	1847.	11610.
50	9329.	10005.	0.	0.	10005.	1998.7	1975.	11980.
51	15679.	10244.	0.	3718.	13963.	2000.0	3321.	17283.
52	10243.	10383.	0.	0.	10383.	1999.9	2170.	12553.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	8532.	9940.	0.	0.	9940.	1998.8	1317.	11257.
2	7605.	7140.	0.	0.	7140.	1999.2	1174.	8314.
3	6326.	6720.	0.	0.	6720.	1998.9	977.	7697.
4	5214.	7323.	0.	0.	7323.	1997.3	805.	8128.
5	3950.	8149.	0.	0.	8149.	1994.1	707.	8856.
6	3534.	9047.	0.	0.	9047.	1989.9	677.	9724.
7	2637.	8496.	0.	0.	8496.	1985.5	506.	9002.
8	2685.	9263.	0.	0.	9263.	1980.5	515.	9778.
9	2707.	8362.	0.	0.	8362.	1976.2	493.	8855.
10	2175.	9281.	0.	0.	9281.	1970.9	139.	9420.
11	1678.	9800.	0.	0.	9800.	1964.7	108.	9908.
12	1578.	11270.	0.	0.	11270.	1957.4	101.	11371.
13	1516.	11922.	0.	0.	11922.	1949.4	98.	12020.
14	1448.	11057.	0.	0.	11057.	1940.9	123.	11180.
15	1684.	9485.	0.	0.	9485.	1934.0	145.	9630.
16	1961.	7931.	0.	0.	7931.	1928.7	168.	8099.
17	2118.	7943.	0.	0.	7943.	1923.6	182.	8125.
18	2142.	7954.	0.	0.	7954.	1918.4	187.	8141.
19	1911.	8030.	0.	0.	8030.	1913.0	503.	8533.
20	1594.	7985.	0.	0.	7985.	1907.3	420.	8405.
21	1265.	7962.	0.	0.	7962.	1901.4	335.	8297.
22	1190.	7727.	0.	0.	7727.	1894.9	310.	8037.
23	1194.	6830.	0.	0.	6830.	1889.0	306.	7136.
24	1274.	6251.	0.	0.	6251.	1883.8	326.	6577.
25	1297.	5682.	0.	0.	5682.	1879.3	332.	6014.
26	1314.	5327.	0.	0.	5327.	1875.1	336.	5663.
27	1238.	5137.	0.	0.	5137.	1871.1	462.	5599.
28	1291.	4662.	0.	0.	4662.	1867.6	480.	5142.
29	1373.	4162.	0.	0.	4162.	1864.7	513.	4675.
30	1779.	3674.	0.	0.	3674.	1862.7	664.	4338.
31	4737.	2951.	0.	0.	2951.	1864.6	886.	3837.
32	17566.	2730.	0.	0.	2730.	1880.0	2834.	5564.
33	17640.	3154.	0.	0.	3154.	1895.0	2846.	6000.
34	11625.	4560.	0.	0.	4560.	1902.0	1875.	6435.
35	19077.	7420.	0.	0.	7420.	1912.3	2866.	10286.
36	16465.	9380.	0.	0.	9380.	1918.6	2164.	11544.
37	14949.	11044.	0.	0.	11044.	1922.1	1965.	13009.
38	16085.	10766.	0.	0.	10766.	1926.8	2115.	12881.
39	18788.	10381.	0.	0.	10381.	1934.2	2469.	12850.
40	14090.	9848.	0.	0.	9848.	1938.0	3739.	13587.
41	33261.	9538.	0.	0.	9538.	1957.7	8825.	18363.
42	32516.	9103.	0.	0.	9103.	1975.4	8627.	17730.
43	29007.	8795.	0.	0.	8795.	1990.7	7693.	16488.
44	31168.	8966.	0.	9876.	18842.	2000.0	7432.	26274.
45	30077.	8951.	0.	21126.	30077.	2000.0	6080.	36157.
46	38871.	9078.	0.	24000.	33078.	2003.7	7858.	40936.
47	30803.	9211.	0.	24000.	33211.	2002.2	6226.	39437.
48	20647.	9508.	0.	14524.	24032.	2000.0	4324.	28356.
49	15158.	9781.	0.	5377.	15158.	2000.0	2828.	17986.
50	12220.	9995.	0.	2225.	12220.	2000.0	2280.	14500.
51	10197.	10214.	0.	0.	10214.	2000.0	1903.	12117.
52	8299.	10400.	0.	0.	10400.	1998.2	1550.	11950.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	9940.	0.	0.	9940.	1995.1	1740.	11680.
2	5560.	6120.	0.	0.	6120.	1994.7	1640.	7760.
3	5713.	5760.	0.	0.	5760.	1994.7	1686.	7446.
4	6627.	6277.	0.	0.	6277.	1994.9	1954.	8231.
5	3364.	6985.	0.	0.	6985.	1992.2	1248.	8233.
6	2845.	7754.	0.	0.	7754.	1988.5	1098.	8852.
7	2782.	8496.	0.	0.	8496.	1984.1	1075.	9571.
8	2339.	9263.	0.	0.	9263.	1978.9	904.	10167.
9	2057.	8362.	0.	0.	8362.	1974.1	771.	9133.
10	1971.	9281.	0.	0.	9281.	1968.6	558.	9839.
11	1860.	9800.	0.	0.	9800.	1962.6	525.	10325.
12	1794.	9392.	0.	0.	9392.	1956.9	506.	9898.
13	1794.	10219.	0.	0.	10219.	1950.5	506.	10725.
14	1697.	11057.	0.	0.	11057.	1942.3	603.	11660.
15	1695.	9485.	0.	0.	9485.	1935.4	605.	10090.
16	1695.	7931.	0.	0.	7931.	1929.9	605.	8536.
17	1695.	7943.	0.	0.	7943.	1924.3	605.	8548.
18	1729.	7954.	0.	0.	7954.	1918.8	585.	8539.
19	1662.	8030.	0.	0.	8030.	1913.2	695.	8725.
20	1213.	7985.	0.	0.	7985.	1907.2	508.	8493.
21	881.	7962.	0.	0.	7962.	1900.9	369.	8331.
22	767.	7727.	0.	0.	7727.	1893.8	333.	8060.
23	826.	6830.	0.	0.	6830.	1887.6	274.	7104.
24	826.	6251.	0.	0.	6251.	1882.0	274.	6525.
25	874.	5682.	0.	0.	5682.	1877.0	290.	5972.
26	1123.	5327.	0.	0.	5327.	1872.6	374.	5701.
27	956.	5137.	0.	0.	5137.	1868.3	544.	5681.
28	956.	4662.	0.	0.	4662.	1864.4	544.	5206.
29	1057.	4162.	0.	0.	4162.	1861.2	600.	4762.
30	1403.	3674.	0.	0.	3674.	1858.8	797.	4471.
31	2641.	2951.	0.	0.	2951.	1858.5	745.	3696.
32	6274.	2730.	0.	0.	2730.	1862.2	1826.	4556.
33	11618.	2900.	0.	0.	2900.	1871.2	3382.	6282.
34	15603.	3800.	0.	0.	3800.	1883.5	4540.	8340.
35	17916.	5300.	0.	0.	5300.	1896.6	4798.	10098.
36	21638.	6700.	0.	0.	6700.	1910.3	4505.	11205.
37	18090.	8200.	0.	0.	8200.	1919.1	3767.	11967.
38	23883.	10751.	0.	0.	10751.	1930.7	4974.	15725.
39	23173.	10225.	0.	0.	10225.	1942.2	4827.	15052.
40	16689.	9643.	0.	0.	9643.	1948.4	2811.	12454.
41	20637.	9433.	0.	0.	9433.	1957.1	3477.	12910.
42	20979.	9202.	0.	0.	9202.	1966.0	3535.	12737.
43	23533.	9013.	0.	0.	9013.	1977.0	3967.	12980.
44	20306.	9186.	0.	0.	9186.	1985.4	3351.	12537.
45	13970.	9089.	0.	0.	9089.	1989.1	2659.	11748.
46	12157.	9187.	0.	0.	9187.	1991.4	2314.	11501.
47	10610.	9309.	0.	0.	9309.	1992.4	2019.	11328.
48	11835.	9587.	0.	0.	9587.	1994.1	2179.	11766.
49	10670.	9863.	0.	0.	9863.	1994.7	2816.	12679.
50	13360.	10063.	0.	0.	10063.	1997.2	3526.	13589.
51	21010.	10275.	0.	6979.	17254.	2000.0	5547.	22801.
52	11582.	10387.	0.	1195.	11582.	2000.0	3056.	14638.

TABLE 11 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA AND GOLD CREEK
FOR STAGE I

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- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	7782.	9940.	0.	0.	9940.	1998.4	2647.	12587.
2	6119.	7140.	0.	0.	7140.	1997.6	2082.	9222.
3	4982.	6720.	0.	0.	6720.	1996.3	1695.	8415.
4	2921.	7323.	0.	0.	7323.	1993.0	993.	8316.
5	2384.	6985.	0.	0.	6985.	1989.5	587.	7572.
6	2252.	7754.	0.	0.	7754.	1985.3	534.	8288.
7	2137.	8496.	0.	0.	8496.	1980.5	506.	9002.
8	1997.	7719.	0.	0.	7719.	1976.2	474.	8193.
9	1944.	8362.	0.	0.	8362.	1971.3	456.	8818.
10	1850.	9281.	0.	0.	9281.	1965.7	451.	9732.
11	1850.	9800.	0.	0.	9800.	1959.7	450.	10250.
12	1850.	9392.	0.	0.	9392.	1954.0	450.	9842.
13	1965.	8516.	0.	0.	8516.	1948.9	478.	8994.
14	2201.	9478.	0.	0.	9478.	1942.4	570.	10048.
15	1906.	9485.	0.	0.	9485.	1935.7	494.	9979.
16	1690.	7931.	0.	0.	7931.	1930.2	439.	8370.
17	1588.	7943.	0.	0.	7943.	1924.5	412.	8355.
18	1553.	7954.	0.	0.	7954.	1918.9	404.	8358.
19	1535.	8030.	0.	0.	8030.	1913.1	365.	8395.
20	1650.	7985.	0.	0.	7985.	1907.5	393.	8378.
21	1685.	7962.	0.	0.	7962.	1901.9	401.	8363.
22	1583.	7727.	0.	0.	7727.	1895.9	374.	8101.
23	1534.	6830.	0.	0.	6830.	1890.4	280.	7110.
24	1437.	6251.	0.	0.	6251.	1885.4	263.	6514.
25	1389.	5682.	0.	0.	5682.	1881.0	254.	5936.
26	1280.	5327.	0.	0.	5327.	1876.8	234.	5561.
27	1185.	5137.	0.	0.	5137.	1872.7	315.	5452.
28	1208.	4662.	0.	0.	4662.	1869.1	321.	4983.
29	1411.	4162.	0.	0.	4162.	1866.2	375.	4537.
30	1907.	3674.	0.	0.	3674.	1864.4	507.	4181.
31	3484.	2951.	0.	0.	2951.	1864.9	1102.	4053.
32	8419.	2730.	0.	0.	2730.	1870.8	2667.	5397.
33	14537.	2900.	0.	0.	2900.	1882.9	4606.	7506.
34	12909.	3800.	0.	0.	3800.	1892.4	4091.	7891.
35	18671.	5300.	0.	0.	5300.	1905.3	5472.	10772.
36	23758.	8040.	0.	0.	8040.	1919.3	3585.	11625.
37	17019.	10998.	0.	0.	10998.	1924.6	2567.	13565.
38	20754.	10635.	0.	0.	10635.	1933.5	3132.	13767.
39	20568.	10186.	0.	0.	10186.	1942.7	3103.	13289.
40	22463.	9581.	0.	0.	9581.	1953.5	2908.	12489.
41	19352.	9338.	0.	0.	9338.	1961.1	2505.	11843.
42	16152.	9158.	0.	0.	9158.	1966.4	2091.	11249.
43	17431.	9051.	0.	0.	9051.	1972.8	2255.	11306.
44	17935.	9288.	0.	0.	9288.	1979.3	3079.	12367.
45	22829.	9143.	0.	0.	9143.	1989.6	3757.	12900.
46	21149.	9112.	0.	0.	9112.	1998.7	3480.	12592.
47	18683.	9207.	0.	7822.	17029.	2000.0	3074.	20103.
48	22728.	9521.	0.	13207.	22728.	2000.0	3801.	26529.
49	15528.	9783.	0.	5745.	15528.	2000.0	3429.	18957.
50	9607.	9988.	0.	0.	9988.	1999.7	2122.	12110.
51	8465.	10233.	0.	0.	10233.	1998.4	1869.	12102.
52	9728.	10420.	0.	0.	10420.	1997.8	2149.	12569.

TABLE 12

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5680.	0.	0.	5680.	1982.4	12656.	18336.
2	4029.	5343.	0.	0.	5343.	1981.4	10130.	15473.
3	3518.	4427.	0.	0.	4427.	1980.7	7488.	11915.
4	2007.	4185.	0.	0.	4185.	1979.1	5072.	9257.
5	1248.	4657.	0.	0.	4657.	1976.5	3946.	8603.
6	1176.	5170.	0.	0.	5170.	1973.5	3056.	8226.
7	1103.	5664.	0.	0.	5664.	1970.0	2759.	8423.
8	1042.	6175.	0.	0.	6175.	1966.1	2784.	8959.
9	994.	6690.	0.	0.	6690.	1961.8	2811.	9501.
10	903.	7425.	0.	0.	7425.	1956.9	2701.	10126.
11	903.	7840.	0.	0.	7840.	1951.7	2487.	10327.
12	903.	7514.	0.	0.	7514.	1946.1	2210.	9724.
13	903.	6813.	0.	0.	6813.	1940.8	2151.	8964.
14	828.	6318.	0.	0.	6318.	1936.0	2357.	8675.
15	812.	6323.	0.	0.	6323.	1931.1	2241.	8564.
16	812.	6345.	0.	0.	6345.	1926.2	2477.	8822.
17	812.	6354.	0.	0.	6354.	1921.3	2541.	8895.
18	757.	6363.	0.	0.	6363.	1916.3	2327.	8690.
19	667.	6424.	0.	0.	6424.	1911.2	2288.	8712.
20	667.	6388.	0.	0.	6388.	1906.2	2088.	8476.
21	667.	6370.	0.	0.	6370.	1901.1	2039.	8409.
22	641.	6182.	0.	0.	6182.	1895.5	1663.	7845.
23	618.	5464.	0.	0.	5464.	1890.5	1449.	6913.
24	618.	5001.	0.	0.	5001.	1886.0	1419.	6420.
25	618.	4546.	0.	0.	4546.	1881.9	1429.	5975.
26	618.	4262.	0.	0.	4262.	1878.1	1425.	5687.
27	542.	4110.	0.	0.	4110.	1874.4	1477.	5587.
28	700.	3730.	0.	0.	3730.	1871.3	1756.	5486.
29	1071.	3330.	0.	0.	3330.	1868.9	2590.	5920.
30	1861.	2939.	0.	0.	2939.	1867.8	3946.	6885.
31	4923.	2361.	0.	0.	2361.	1870.5	6682.	9043.
32	14338.	2184.	0.	0.	2184.	1883.1	15115.	17299.
33	15945.	2900.	0.	0.	2900.	1896.6	15674.	18574.
34	7915.	4560.	0.	0.	4560.	1900.1	12755.	17315.
35	13828.	7420.	0.	0.	7420.	1905.8	19519.	26939.
36	26696.	9380.	0.	0.	9380.	1921.1	29862.	39242.
37	19247.	10915.	0.	0.	10915.	1928.5	38478.	49393.
38	12238.	10632.	0.	0.	10632.	1929.9	27138.	37770.
39	17232.	10315.	0.	0.	10315.	1936.0	32997.	43312.
40	18464.	9763.	0.	0.	9763.	1943.7	37788.	47551.
41	21682.	9517.	0.	0.	9517.	1953.8	45947.	55464.
42	20740.	9271.	0.	0.	9271.	1962.5	45179.	54450.
43	19074.	9116.	0.	0.	9116.	1970.1	38496.	47612.
44	17891.	9343.	0.	0.	9343.	1976.5	37873.	47216.
45	14413.	9260.	0.	0.	9260.	1980.4	37233.	46493.
46	15312.	9334.	0.	0.	9334.	1984.9	30524.	39858.
47	14985.	9403.	0.	0.	9403.	1989.2	25530.	34933.
48	21048.	9581.	0.	0.	9581.	1997.8	32644.	42225.
49	24531.	9832.	0.	11842.	21673.	2000.0	34934.	56607.
50	15237.	10010.	0.	5227.	15237.	2000.0	22590.	37827.
51	15738.	10240.	0.	5498.	15738.	2000.0	19772.	35510.
52	13323.	10396.	0.	2927.	13323.	2000.0	18898.	32221.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1952 1	7559.	9940.	0.	0.	9940.	1998.2	12746.	22686.
2	5055.	7140.	0.	0.	7140.	1996.6	9582.	16722.
3	3674.	6720.	0.	0.	6720.	1994.3	7263.	13983.
4	2855.	6277.	0.	0.	6277.	1991.7	6751.	13028.
5	2793.	6985.	0.	0.	6985.	1988.6	7056.	14041.
6	2609.	7754.	0.	0.	7754.	1984.7	5777.	13531.
7	1928.	7080.	0.	0.	7080.	1980.8	4641.	11721.
8	1908.	7719.	0.	0.	7719.	1976.4	4230.	11949.
9	1761.	8362.	0.	0.	8362.	1971.4	3827.	12189.
10	1489.	9281.	0.	0.	9281.	1965.5	3742.	13023.
11	1489.	9800.	0.	0.	9800.	1959.2	3927.	13727.
12	1489.	9392.	0.	0.	9392.	1953.2	3854.	13246.
13	1489.	8516.	0.	0.	8516.	1947.5	3607.	12123.
14	1329.	9478.	0.	0.	9478.	1940.3	3018.	12496.
15	1299.	7904.	0.	0.	7904.	1934.5	2723.	10627.
16	1299.	7931.	0.	0.	7931.	1928.6	2716.	10647.
17	1299.	7943.	0.	0.	7943.	1922.7	2613.	10556.
18	1069.	7954.	0.	0.	7954.	1916.6	2321.	10275.
19	819.	8030.	0.	0.	8030.	1910.2	1717.	9747.
20	819.	7985.	0.	0.	7985.	1903.9	1669.	9654.
21	819.	7962.	0.	0.	7962.	1897.1	1490.	9452.
22	784.	7727.	0.	0.	7727.	1889.9	1454.	9181.
23	730.	6830.	0.	0.	6830.	1883.6	1530.	8360.
24	730.	5001.	0.	0.	5001.	1879.2	1576.	6577.
25	730.	4546.	0.	0.	4546.	1875.2	1687.	6233.
26	730.	4262.	0.	0.	4262.	1871.5	1864.	6126.
27	796.	4110.	0.	0.	4110.	1868.1	1849.	5959.
28	796.	3730.	0.	0.	3730.	1865.1	1640.	5370.
29	796.	3330.	0.	0.	3330.	1862.4	1677.	5007.
30	796.	2939.	0.	0.	2939.	1860.2	2144.	5083.
31	909.	2361.	0.	0.	2361.	1858.7	2999.	5360.
32	1132.	3618.	0.	0.	3618.	1856.1	4169.	7787.
33	1549.	5478.	0.	0.	5478.	1852.0	6321.	11799.
34	3357.	4871.	0.	0.	4871.	1850.5	10091.	14962.
35	16784.	3339.	0.	0.	3339.	1864.4	37752.	41091.
36	19892.	5360.	0.	0.	5360.	1879.5	44630.	49990.
37	28174.	6560.	0.	0.	6560.	1901.7	61089.	67649.
38	30555.	7360.	0.	0.	7360.	1922.2	55185.	62545.
39	27039.	9525.	0.	0.	9525.	1937.7	56141.	65666.
40	23527.	9674.	0.	0.	9674.	1950.0	50310.	59984.
41	16714.	9433.	0.	0.	9433.	1955.5	43467.	52900.
42	21361.	9232.	0.	0.	9232.	1964.7	51305.	60537.
43	23150.	9043.	0.	0.	9043.	1975.3	48112.	57155.
44	30727.	9142.	0.	0.	9142.	1991.7	57999.	67141.
45	19888.	8931.	0.	0.	8931.	2000.0	47052.	55983.
46	15618.	9040.	0.	6521.	15561.	2000.0	39015.	54576.
47	11855.	9174.	0.	2681.	11855.	2000.0	30627.	42482.
48	13935.	9481.	0.	4454.	13935.	2000.0	30577.	44512.
49	15561.	9783.	0.	5778.	15561.	2000.0	30171.	45732.
50	10522.	9987.	0.	535.	10522.	2000.0	23809.	34331.
51	9086.	10222.	0.	0.	10222.	1999.1	18744.	28966.
52	10876.	10395.	0.	0.	10395.	1999.6	28800.	39195.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8559.	9940.	0.	0.	9940.	1998.5	21410.	31350.
2	7982.	7140.	0.	0.	7140.	1999.1	19830.	26970.
3	5556.	6720.	0.	0.	6720.	1998.3	12823.	19543.
4	4049.	7323.	0.	0.	7323.	1995.8	7712.	15035.
5	3948.	8149.	0.	0.	8149.	1992.6	6215.	14364.
6	3377.	9047.	0.	0.	9047.	1988.3	5122.	14169.
7	2164.	8496.	0.	0.	8496.	1983.5	4258.	12754.
8	2652.	9263.	0.	0.	9263.	1978.5	4632.	13895.
9	1913.	8362.	0.	0.	8362.	1973.7	3781.	12143.
10	1250.	9281.	0.	0.	9281.	1967.6	2782.	12063.
11	1250.	9800.	0.	0.	9800.	1961.1	2789.	12589.
12	1250.	9392.	0.	0.	9392.	1955.0	2863.	12255.
13	1250.	8516.	0.	0.	8516.	1949.4	2815.	11331.
14	880.	9478.	0.	0.	9478.	1941.8	2461.	11939.
15	820.	9485.	0.	0.	9485.	1934.1	2270.	11755.
16	820.	7931.	0.	0.	7931.	1927.8	2192.	10123.
17	820.	7943.	0.	0.	7943.	1921.5	2047.	9990.
18	722.	7954.	0.	0.	7954.	1915.1	1891.	9845.
19	598.	8030.	0.	0.	8030.	1908.5	1710.	9740.
20	598.	7985.	0.	0.	7985.	1901.9	1708.	9693.
21	598.	7962.	0.	0.	7962.	1894.6	1646.	9608.
22	606.	7727.	0.	0.	7727.	1887.2	1581.	9308.
23	678.	5464.	0.	0.	5464.	1882.3	1545.	7009.
24	678.	5001.	0.	0.	5001.	1877.8	1484.	6485.
25	678.	4546.	0.	0.	4546.	1873.8	1510.	6056.
26	678.	4262.	0.	0.	4262.	1870.0	1518.	5780.
27	486.	4110.	0.	0.	4110.	1866.3	1840.	5950.
28	486.	3730.	0.	0.	3730.	1862.9	2086.	5816.
29	785.	3330.	0.	0.	3330.	1860.3	3109.	6439.
30	1308.	2939.	0.	0.	2939.	1858.6	4919.	7858.
31	10007.	2361.	0.	0.	2361.	1866.5	13812.	16173.
32	13666.	2184.	0.	0.	2184.	1878.4	21224.	23408.
33	12435.	3135.	0.	0.	3135.	1888.1	20794.	23929.
34	21448.	3040.	0.	0.	3040.	1906.1	39330.	42370.
35	16652.	5300.	0.	0.	5300.	1916.2	34118.	39418.
36	27821.	8040.	0.	0.	8040.	1933.7	45424.	53464.
37	21482.	10540.	0.	0.	10540.	1943.4	45394.	55934.
38	17488.	10197.	0.	0.	10197.	1949.9	38666.	48863.
39	20466.	9830.	0.	0.	9830.	1957.9	42109.	51939.
40	17377.	9311.	0.	0.	9311.	1964.0	34023.	43334.
41	15695.	9151.	0.	0.	9151.	1969.0	33110.	42261.
42	17070.	8995.	0.	0.	8995.	1975.1	33747.	42742.
43	17745.	8881.	0.	0.	8881.	1981.8	34442.	43323.
44	20931.	9088.	0.	0.	9088.	1990.8	39027.	48115.
45	17859.	8961.	0.	0.	8961.	1997.5	35296.	44257.
46	14312.	9042.	0.	1947.	10989.	2000.0	28300.	39289.
47	14731.	9187.	0.	5545.	14731.	2000.0	30882.	45613.
48	17519.	9497.	0.	8022.	17519.	2000.0	31635.	49154.
49	14058.	9776.	0.	4282.	14058.	2000.0	36934.	50992.
50	12806.	9998.	0.	2808.	12806.	2000.0	33133.	45939.
51	10679.	10216.	0.	463.	10679.	2000.0	23572.	34251.
52	8137.	10401.	0.	0.	10401.	1998.0	16513.	26914.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1954 1	6126.	9940.	0.	0.	9940.	1995.2	11042.	20982.
2	5080.	6120.	0.	0.	6120.	1994.4	9501.	15621.
3	3728.	5760.	0.	0.	5760.	1992.8	7493.	13253.
4	2971.	6277.	0.	0.	6277.	1990.3	5504.	11781.
5	1821.	6985.	0.	0.	6985.	1986.4	3298.	10283.
6	1738.	7754.	0.	0.	7754.	1981.9	3274.	11028.
7	1608.	7080.	0.	0.	7080.	1977.7	3457.	10537.
8	1497.	7719.	0.	0.	7719.	1973.0	3300.	11019.
9	1361.	8362.	0.	0.	8362.	1967.7	2856.	11218.
10	1174.	7425.	0.	0.	7425.	1963.0	2629.	10054.
11	1174.	7840.	0.	0.	7840.	1958.0	2669.	10509.
12	1174.	9392.	0.	0.	9392.	1951.7	2690.	12082.
13	1174.	8516.	0.	0.	8516.	1945.5	2402.	10918.
14	1120.	7898.	0.	0.	7898.	1939.5	2156.	10054.
15	1099.	7904.	0.	0.	7904.	1933.5	2113.	10017.
16	1099.	7931.	0.	0.	7931.	1927.5	2142.	10073.
17	1099.	7943.	0.	0.	7943.	1921.4	2024.	9967.
18	982.	7954.	0.	0.	7954.	1915.2	1953.	9907.
19	794.	8030.	0.	0.	8030.	1908.8	1862.	9892.
20	794.	7985.	0.	0.	7985.	1902.4	1883.	9868.
21	794.	7962.	0.	0.	7962.	1895.4	1732.	9694.
22	716.	7727.	0.	0.	7727.	1888.1	1768.	9495.
23	630.	5464.	0.	0.	5464.	1883.1	1636.	7100.
24	630.	5001.	0.	0.	5001.	1878.6	1629.	6630.
25	630.	4546.	0.	0.	4546.	1874.5	1541.	6087.
26	630.	4262.	0.	0.	4262.	1870.8	1513.	5775.
27	506.	4110.	0.	0.	4110.	1867.0	1743.	5853.
28	506.	3730.	0.	0.	3730.	1863.7	1640.	5370.
29	870.	3330.	0.	0.	3330.	1861.1	2198.	5528.
30	930.	2939.	0.	0.	2939.	1859.0	2197.	5136.
31	4308.	2361.	0.	0.	2361.	1861.1	6881.	9242.
32	8521.	2184.	0.	0.	2184.	1867.6	9847.	12031.
33	13802.	2320.	0.	0.	2320.	1879.6	21086.	23406.
34	15823.	3040.	0.	0.	3040.	1892.8	21566.	24606.
35	14807.	4240.	0.	0.	4240.	1903.2	24696.	28936.
36	19799.	6700.	0.	0.	6700.	1914.8	29125.	35825.
37	19022.	9840.	0.	0.	9840.	1923.0	35877.	45717.
38	18245.	10712.	0.	0.	10712.	1929.6	39325.	50037.
39	22178.	10263.	0.	0.	10263.	1940.2	42251.	52514.
40	19307.	9661.	0.	0.	9661.	1948.7	38334.	47995.
41	15396.	9469.	0.	0.	9469.	1953.4	38145.	47614.
42	14981.	9325.	0.	0.	9325.	1957.7	35577.	44902.
43	14981.	9246.	0.	0.	9246.	1962.0	35741.	44987.
44	24614.	9455.	0.	0.	9455.	1973.5	52912.	62367.
45	20049.	9278.	0.	0.	9278.	1981.6	46355.	55633.
46	20049.	9274.	0.	0.	9274.	1989.8	47091.	56365.
47	20049.	9271.	0.	0.	9271.	1997.9	42165.	51436.
48	18930.	9510.	0.	6696.	16206.	2000.0	35603.	51809.
49	11256.	9763.	0.	1493.	11256.	2000.0	25207.	36463.
50	9676.	9987.	0.	0.	9987.	1999.8	24066.	34053.
51	9025.	10227.	0.	0.	10227.	1998.9	22865.	33092.
52	5793.	10445.	0.	0.	10445.	1994.8	17670.	28115.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	4746.	8520.	0.	0.	8520.	1992.0	9669.	18189.
2	4461.	6120.	0.	0.	6120.	1990.7	8910.	15030.
3	3359.	5760.	0.	0.	5760.	1988.9	8141.	13901.
4	3359.	6277.	0.	0.	6277.	1986.7	7479.	13756.
5	2716.	5821.	0.	0.	5821.	1984.4	6745.	12566.
6	2156.	6462.	0.	0.	6462.	1981.1	5335.	11797.
7	2032.	7080.	0.	0.	7080.	1977.3	4478.	11558.
8	1796.	7719.	0.	0.	7719.	1972.8	4203.	11922.
9	1756.	8362.	0.	0.	8362.	1967.8	3762.	12124.
10	1657.	7425.	0.	0.	7425.	1963.4	3212.	10637.
11	1624.	9800.	0.	0.	9800.	1957.3	3210.	13010.
12	1431.	9392.	0.	0.	9392.	1951.2	3124.	12516.
13	1431.	8516.	0.	0.	8516.	1945.2	2994.	11510.
14	1546.	7898.	0.	0.	7898.	1939.5	3142.	11040.
15	1561.	7904.	0.	0.	7904.	1933.9	2932.	10836.
16	1338.	7931.	0.	0.	7931.	1928.1	2507.	10438.
17	1249.	7943.	0.	0.	7943.	1922.2	2439.	10382.
18	1179.	7954.	0.	0.	7954.	1916.2	2090.	10044.
19	1052.	8030.	0.	0.	8030.	1910.0	1909.	9939.
20	1052.	7985.	0.	0.	7985.	1903.8	1795.	9780.
21	1052.	7962.	0.	0.	7962.	1897.3	1758.	9720.
22	949.	7727.	0.	0.	7727.	1890.3	1651.	9378.
23	879.	6830.	0.	0.	6830.	1884.1	1506.	8336.
24	879.	5001.	0.	0.	5001.	1879.8	1636.	6637.
25	879.	4546.	0.	0.	4546.	1876.0	1618.	6164.
26	879.	4262.	0.	0.	4262.	1872.5	1824.	6086.
27	828.	4110.	0.	0.	4110.	1869.1	2192.	6302.
28	828.	3730.	0.	0.	3730.	1866.1	2128.	5858.
29	828.	3330.	0.	0.	3330.	1863.5	2160.	5490.
30	828.	2939.	0.	0.	2939.	1861.3	2233.	5172.
31	2519.	2361.	0.	0.	2361.	1861.5	4459.	6820.
32	3321.	2821.	0.	0.	2821.	1862.0	6812.	9633.
33	3882.	4625.	0.	0.	4625.	1861.2	7669.	12294.
34	11626.	3040.	0.	0.	3040.	1870.1	17176.	20216.
35	12771.	4240.	0.	0.	4240.	1879.0	18671.	22911.
36	17007.	5678.	0.	0.	5678.	1890.7	25685.	31363.
37	27727.	6560.	0.	0.	6560.	1910.8	40129.	46689.
38	30081.	7360.	0.	0.	7360.	1931.0	41900.	49260.
39	28168.	9525.	0.	0.	9525.	1947.5	46901.	56426.
40	29660.	9428.	0.	0.	9428.	1963.2	49548.	58976.
41	24776.	9100.	0.	0.	9100.	1975.0	54635.	63735.
42	19124.	8864.	0.	0.	8864.	1982.8	52013.	60877.
43	22869.	8701.	0.	0.	8701.	1993.5	45717.	54418.
44	20805.	8911.	0.	3288.	12199.	2000.0	40249.	52448.
45	19270.	8905.	0.	10365.	19270.	2000.0	38313.	57583.
46	19771.	9058.	0.	10713.	19771.	2000.0	33848.	53619.
47	24039.	9227.	0.	14812.	24039.	2000.0	28665.	52704.
48	34146.	9561.	0.	24000.	33561.	2000.4	30401.	63962.
49	17921.	9793.	0.	8713.	18506.	2000.0	27389.	45895.
50	13691.	10002.	0.	3689.	13691.	2000.0	30358.	44049.
51	11128.	10218.	0.	910.	11128.	2000.0	23413.	34541.
52	8763.	10396.	0.	0.	10396.	1998.6	22338.	32734.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6059.	9940.	0.	0.	9940.	1995.7	14609.	24549.
2	4461.	7140.	0.	0.	7140.	1993.6	11269.	18409.
3	3633.	5760.	0.	0.	5760.	1992.0	8195.	13955.
4	3129.	6277.	0.	0.	6277.	1989.6	6292.	12569.
5	2062.	6985.	0.	0.	6985.	1985.9	4125.	11110.
6	1721.	6462.	0.	0.	6462.	1982.3	3120.	9582.
7	1581.	7080.	0.	0.	7080.	1978.2	3355.	10435.
8	1393.	7719.	0.	0.	7719.	1973.4	3368.	11087.
9	1306.	8362.	0.	0.	8362.	1968.0	3180.	11542.
10	1027.	7425.	0.	0.	7425.	1963.2	2602.	10027.
11	1027.	9800.	0.	0.	9800.	1956.6	2621.	12421.
12	1027.	9392.	0.	0.	9392.	1950.2	2668.	12060.
13	1027.	8516.	0.	0.	8516.	1943.6	2880.	11396.
14	848.	7898.	0.	0.	7898.	1937.4	2446.	10344.
15	810.	7904.	0.	0.	7904.	1931.1	2227.	10131.
16	810.	7931.	0.	0.	7931.	1924.8	2034.	9965.
17	810.	6354.	0.	0.	6354.	1919.9	1973.	8327.
18	809.	6363.	0.	0.	6363.	1915.0	1896.	8259.
19	750.	6424.	0.	0.	6424.	1910.0	1822.	8246.
20	750.	6388.	0.	0.	6388.	1905.0	1986.	8374.
21	750.	6370.	0.	0.	6370.	1900.0	1800.	8170.
22	739.	6182.	0.	0.	6182.	1894.3	1866.	8048.
23	689.	5464.	0.	0.	5464.	1889.4	1880.	7344.
24	689.	5001.	0.	0.	5001.	1884.9	1898.	6899.
25	689.	4546.	0.	0.	4546.	1880.9	1851.	6397.
26	689.	4262.	0.	0.	4262.	1877.2	1841.	6103.
27	641.	4110.	0.	0.	4110.	1873.6	1808.	5918.
28	641.	3730.	0.	0.	3730.	1870.4	1764.	5494.
29	641.	3330.	0.	0.	3330.	1867.6	1869.	5199.
30	641.	2939.	0.	0.	2939.	1865.2	1695.	4634.
31	1798.	2361.	0.	0.	2361.	1864.6	3468.	5829.
32	8483.	2184.	0.	0.	2184.	1871.2	12624.	14808.
33	12106.	2320.	0.	0.	2320.	1881.3	16049.	18369.
34	24085.	3040.	0.	0.	3040.	1902.7	29217.	32257.
35	15966.	5300.	0.	0.	5300.	1912.1	30630.	35930.
36	27294.	8040.	0.	0.	8040.	1929.2	43052.	51092.
37	35522.	10501.	0.	0.	10501.	1951.2	57723.	68224.
38	26081.	9958.	0.	0.	9958.	1963.4	47694.	57652.
39	22994.	9520.	0.	0.	9520.	1973.6	45122.	54642.
40	24335.	8949.	0.	0.	8949.	1985.2	40103.	49052.
41	26536.	8670.	0.	0.	8670.	1998.7	45755.	54425.
42	26799.	8569.	0.	16518.	25087.	2000.0	49326.	74413.
43	26153.	8571.	0.	17582.	26153.	2000.0	48416.	74569.
44	24666.	8909.	0.	15757.	24666.	2000.0	46047.	70713.
45	22447.	8919.	0.	13528.	22447.	2000.0	39648.	62095.
46	20285.	9060.	0.	11225.	20285.	2000.0	33477.	53762.
47	16173.	9193.	0.	6980.	16173.	2000.0	28088.	44261.
48	13792.	9481.	0.	4312.	13792.	2000.0	23839.	37631.
49	11446.	9764.	0.	1682.	11446.	2000.0	26302.	37748.
50	16046.	10014.	0.	6033.	16046.	2000.0	31039.	47085.
51	15637.	10240.	0.	5397.	15637.	2000.0	36082.	51719.
52	10015.	10385.	0.	0.	10385.	1999.7	24843.	35228.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUNSHINE (CFS)	TOTAL FLOW SUNSHINE (CFS)
1957 1	5279.	9940.	0.	0.	9940.	1996.2	11983.
2	5279.	7140.	0.	0.	7140.	1994.7	17298.
3	3583.	5760.	0.	0.	5760.	1993.1	12554.
4	3300.	6277.	0.	0.	6277.	1990.8	12304.
5	2789.	6985.	0.	0.	6985.	1987.7	12678.
6	2342.	7754.	0.	0.	7754.	1983.6	12508.
7	2247.	7080.	0.	0.	7080.	1979.9	11276.
8	2123.	7719.	0.	0.	7719.	1975.7	11579.
9	2035.	8362.	0.	0.	8362.	1970.9	12013.
10	1908.	9281.	0.	0.	9281.	1965.3	12246.
11	1852.	9800.	0.	0.	9800.	1959.3	12913.
12	1509.	9392.	0.	0.	9392.	1953.4	12520.
13	1509.	8516.	0.	0.	8516.	1947.7	11746.
14	1399.	9478.	0.	0.	9478.	1940.6	12318.
15	1378.	7904.	0.	0.	7904.	1934.8	10904.
16	1378.	7931.	0.	0.	7931.	1929.0	10853.
17	1378.	7943.	0.	0.	7943.	1923.2	10859.
18	1310.	7954.	0.	0.	7954.	1917.3	10620.
19	1193.	8030.	0.	0.	8030.	1911.2	10415.
20	1193.	7985.	0.	0.	7985.	1905.2	10143.
21	1193.	7962.	0.	0.	7962.	1899.1	10122.
22	1079.	7727.	0.	0.	7727.	1892.2	9914.
23	920.	6830.	0.	0.	6830.	1886.0	9009.
24	920.	6251.	0.	0.	6251.	1880.5	8420.
25	920.	5682.	0.	0.	5682.	1875.6	7849.
26	920.	4262.	0.	0.	4262.	1872.1	6435.
27	837.	4110.	0.	0.	4110.	1868.7	6267.
28	837.	3730.	0.	0.	3730.	1865.7	5736.
29	837.	3330.	0.	0.	3330.	1863.1	5506.
30	837.	2939.	0.	0.	2939.	1860.9	5220.
31	2452.	2361.	0.	0.	2361.	1861.0	7194.
32	4269.	2512.	0.	0.	2512.	1862.8	11267.
33	6969.	3569.	0.	0.	3569.	1866.4	14509.
34	15611.	3040.	0.	0.	3040.	1879.4	24220.
35	23050.	4240.	0.	0.	4240.	1899.0	42294.
36	31747.	5360.	0.	0.	5360.	1922.5	46606.
37	28053.	8200.	0.	0.	8200.	1940.1	51372.
38	24892.	10204.	0.	0.	10204.	1952.6	55703.
39	17043.	9798.	0.	0.	9798.	1958.1	47812.
40	19864.	9288.	0.	0.	9288.	1966.1	50265.
41	18252.	9091.	0.	0.	9091.	1973.0	52190.
42	20463.	8892.	0.	0.	8892.	1981.8	53026.
43	22198.	8724.	0.	0.	8724.	1992.0	50526.
44	17659.	8920.	0.	0.	8920.	1998.6	47456.
45	17664.	8903.	0.	6893.	15795.	2000.0	53819.
46	17568.	9048.	0.	8520.	17568.	2000.0	61697.
47	16111.	9193.	0.	6919.	16111.	2000.0	53405.
48	17804.	9499.	0.	8305.	17804.	2000.0	45599.
49	14143.	9777.	0.	4367.	14143.	2000.0	35339.
50	15435.	10011.	0.	5424.	15435.	2000.0	37400.
51	15008.	10237.	0.	4771.	15008.	2000.0	34408.
52	14415.	10401.	0.	4014.	14415.	2000.0	34582.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	7628.	9940.	0.	0.	9940.	1998.3	13473.	23413.
2	6544.	7140.	0.	0.	7140.	1997.8	10508.	17648.
3	5337.	6720.	0.	0.	6720.	1996.8	8248.	14968.
4	5503.	7323.	0.	0.	7323.	1995.4	8373.	15696.
5	3997.	8149.	0.	0.	8149.	1992.2	6796.	14945.
6	3287.	7754.	0.	0.	7754.	1988.9	7048.	14802.
7	2815.	8496.	0.	0.	8496.	1984.6	5682.	14178.
8	2314.	9263.	0.	0.	9263.	1979.3	4818.	14081.
9	2637.	8362.	0.	0.	8362.	1975.0	5031.	13393.
10	2991.	9281.	0.	0.	9281.	1970.2	5156.	14437.
11	2551.	9800.	0.	0.	9800.	1964.7	4561.	14361.
12	1902.	11270.	0.	0.	11270.	1957.6	3920.	15190.
13	1544.	11922.	0.	0.	11922.	1949.8	3474.	15396.
14	1839.	11057.	0.	0.	11057.	1941.6	3091.	14148.
15	1614.	9485.	0.	0.	9485.	1934.6	2830.	12315.
16	1408.	7931.	0.	0.	7931.	1928.8	2453.	10384.
17	1332.	7943.	0.	0.	7943.	1923.0	2407.	10350.
18	1101.	7954.	0.	0.	7954.	1916.9	2262.	10216.
19	1152.	8030.	0.	0.	8030.	1910.8	2093.	10123.
20	1038.	7985.	0.	0.	7985.	1904.7	1994.	9979.
21	959.	7962.	0.	0.	7962.	1898.2	2111.	10073.
22	959.	7727.	0.	0.	7727.	1891.2	2283.	10010.
23	1024.	6830.	0.	0.	6830.	1885.2	2362.	9192.
24	1000.	6251.	0.	0.	6251.	1879.7	2470.	8721.
25	939.	4546.	0.	0.	4546.	1876.0	2302.	6848.
26	939.	4262.	0.	0.	4262.	1872.5	2147.	6409.
27	950.	4110.	0.	0.	4110.	1869.2	2385.	6495.
28	1063.	3730.	0.	0.	3730.	1866.5	2392.	6122.
29	1153.	3330.	0.	0.	3330.	1864.2	3195.	6525.
30	1398.	2939.	0.	0.	2939.	1862.6	4266.	7205.
31	3001.	2361.	0.	0.	2361.	1863.3	9051.	11412.
32	5917.	2184.	0.	0.	2184.	1867.1	25528.	27712.
33	8267.	3253.	0.	0.	3253.	1872.4	3717.	40430.
34	15742.	3040.	0.	0.	3040.	1885.5	47830.	50870.
35	16842.	4240.	0.	0.	4240.	1898.6	41810.	46050.
36	24642.	5642.	0.	0.	5642.	1915.6	38101.	43743.
37	24642.	8200.	0.	0.	8200.	1930.2	48101.	56301.
38	21247.	10472.	0.	0.	10472.	1939.8	38739.	49211.
39	19363.	10054.	0.	0.	10054.	1948.0	40701.	50755.
40	18442.	9509.	0.	0.	9509.	1955.1	38722.	48231.
41	18442.	9313.	0.	0.	9313.	1962.0	35652.	44965.
42	18442.	9124.	0.	0.	9124.	1969.0	38977.	48101.
43	18082.	8996.	0.	0.	8996.	1975.9	43654.	52650.
44	32829.	9116.	0.	0.	9116.	1993.8	61406.	70522.
45	23946.	8943.	0.	6826.	15769.	2000.0	54567.	70336.
46	17783.	9049.	0.	8734.	17783.	2000.0	56504.	74287.
47	14415.	9185.	0.	5230.	14415.	2000.0	38591.	53006.
48	9969.	9463.	0.	506.	9969.	2000.0	29626.	39595.
49	6605.	9779.	0.	0.	9779.	1997.6	20862.	30641.
50	6605.	10056.	0.	0.	10056.	1995.0	25253.	35309.
51	5128.	10355.	0.	0.	10355.	1991.0	20369.	30724.
52	5129.	10621.	0.	0.	10621.	1986.3	20635.	31256.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC ENVIRON. RELEASE	EXCESS VALVE RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	7100.	0.	0.	7100.	1984.4	15467.	22567.
2	4050.	5100.	0.	0.	5100.	1983.6	12944.	18044.
3	3875.	4800.	0.	0.	4800.	1982.9	10375.	15175.
4	2689.	5231.	0.	0.	5231.	1981.0	7103.	12334.
5	2392.	5821.	0.	0.	5821.	1978.4	5318.	11139.
6	2068.	6462.	0.	0.	6462.	1975.1	4971.	11433.
7	1760.	5664.	0.	0.	5664.	1972.1	4247.	9911.
8	1352.	6175.	0.	0.	6175.	1968.5	3273.	9448.
9	1215.	6690.	0.	0.	6690.	1964.3	2971.	9661.
10	797.	7425.	0.	0.	7425.	1959.3	2362.	9787.
11	879.	7840.	0.	0.	7840.	1954.0	2194.	10034.
12	1375.	7514.	0.	0.	7514.	1949.3	2845.	10359.
13	1375.	6813.	0.	0.	6813.	1944.5	2768.	9581.
14	1150.	6318.	0.	0.	6318.	1939.9	2589.	8907.
15	1109.	7904.	0.	0.	7904.	1933.9	2586.	10490.
16	1056.	7931.	0.	0.	7931.	1927.8	2401.	10332.
17	1035.	7943.	0.	0.	7943.	1921.7	2449.	10392.
18	1051.	7954.	0.	0.	7954.	1915.6	2407.	10361.
19	1027.	8030.	0.	0.	8030.	1909.4	2328.	10358.
20	984.	7985.	0.	0.	7985.	1903.2	2010.	9995.
21	879.	7962.	0.	0.	7962.	1896.4	1955.	9917.
22	797.	7727.	0.	0.	7727.	1889.2	1896.	9623.
23	683.	6830.	0.	0.	6830.	1882.8	1793.	8623.
24	683.	5001.	0.	0.	5001.	1878.3	1862.	6863.
25	683.	4546.	0.	0.	4546.	1874.3	2009.	6555.
26	683.	4262.	0.	0.	4262.	1870.6	2059.	6321.
27	666.	4110.	0.	0.	4110.	1867.0	2132.	6242.
28	666.	3730.	0.	0.	3730.	1863.8	2242.	5972.
29	952.	3330.	0.	0.	3330.	1861.3	2937.	6267.
30	999.	2939.	0.	0.	2939.	1859.3	3893.	6832.
31	1801.	2361.	0.	0.	2361.	1858.8	5672.	8033.
32	2951.	2408.	0.	0.	2408.	1859.3	10317.	12725.
33	12604.	2320.	0.	0.	2320.	1870.0	30853.	33173.
34	17856.	3040.	0.	0.	3040.	1885.4	32035.	35075.
35	14298.	4240.	0.	0.	4240.	1895.8	30300.	34540.
36	20496.	5360.	0.	0.	5360.	1909.8	29799.	35159.
37	15311.	8200.	0.	0.	8200.	1916.1	24326.	32526.
38	18247.	9200.	0.	0.	9200.	1924.1	32913.	42113.
39	20418.	10433.	0.	0.	10433.	1933.0	43471.	53904.
40	21688.	9799.	0.	0.	9799.	1943.5	38936.	48735.
41	20819.	9528.	0.	0.	9528.	1953.0	39095.	48623.
42	22556.	9274.	0.	0.	9274.	1963.1	42930.	52204.
43	17816.	9115.	0.	0.	9115.	1969.6	38627.	47742.
44	18373.	9347.	0.	0.	9347.	1976.5	40675.	50022.
45	14392.	9261.	0.	0.	9261.	1980.3	36842.	46103.
46	18474.	9312.	0.	0.	9312.	1987.3	46339.	55651.
47	34121.	9315.	0.	7979.	17293.	2000.0	76878.	94171.
48	33290.	9564.	0.	23726.	33290.	2000.0	54346.	87636.
49	20953.	9808.	0.	11145.	20953.	2000.0	36269.	57222.
50	10824.	9989.	0.	835.	10824.	2000.0	23636.	34460.
51	8131.	10229.	0.	0.	10229.	1998.4	15861.	26090.
52	7669.	10437.	0.	0.	10437.	1996.0	12478.	22915.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	9940.	0.	0.	9940.	1995.0	14697.	24637.
2	5896.	6120.	0.	0.	6120.	1994.8	10965.	17085.
3	3243.	5760.	0.	0.	5760.	1992.9	6715.	12475.
4	4051.	6277.	0.	0.	6277.	1991.2	7254.	13531.
5	2692.	6985.	0.	0.	6985.	1988.0	5910.	12895.
6	2292.	7754.	0.	0.	7754.	1983.8	4799.	12553.
7	2194.	7080.	0.	0.	7080.	1980.1	4430.	11510.
8	2064.	7719.	0.	0.	7719.	1975.8	4089.	11808.
9	1962.	8362.	0.	0.	8362.	1971.0	4031.	12393.
10	1656.	9281.	0.	0.	9281.	1965.2	3385.	12666.
11	1656.	9800.	0.	0.	9800.	1959.1	3382.	13182.
12	1656.	9392.	0.	0.	9392.	1953.2	3228.	12620.
13	1656.	8516.	0.	0.	8516.	1947.7	3191.	11707.
14	1541.	9478.	0.	0.	9478.	1940.7	2651.	12129.
15	1523.	7904.	0.	0.	7904.	1935.0	2885.	10789.
16	1360.	7931.	0.	0.	7931.	1929.2	2661.	10592.
17	1295.	7943.	0.	0.	7943.	1923.3	2524.	10467.
18	1227.	7954.	0.	0.	7954.	1917.4	2371.	10325.
19	1175.	8030.	0.	0.	8030.	1911.3	2208.	10238.
20	1152.	7985.	0.	0.	7985.	1905.2	2125.	10110.
21	1097.	7962.	0.	0.	7962.	1899.0	1922.	9884.
22	1062.	7727.	0.	0.	7727.	1892.1	1885.	9612.
23	1041.	6830.	0.	0.	6830.	1886.1	1885.	8715.
24	996.	6251.	0.	0.	6251.	1880.6	1775.	8026.
25	882.	5682.	0.	0.	5682.	1875.6	1665.	7347.
26	882.	4262.	0.	0.	4262.	1872.1	1668.	5930.
27	694.	4110.	0.	0.	4110.	1868.6	1799.	5909.
28	694.	3730.	0.	0.	3730.	1865.4	1796.	5526.
29	910.	3330.	0.	0.	3330.	1862.9	2123.	5453.
30	945.	2939.	0.	0.	2939.	1860.9	2220.	5159.
31	4703.	2361.	0.	0.	2361.	1863.3	5131.	7492.
32	6668.	3068.	0.	0.	3068.	1867.0	10188.	13256.
33	12886.	4200.	0.	0.	4200.	1876.0	17629.	21829.
34	20055.	3198.	0.	0.	3198.	1893.5	31931.	35129.
35	20716.	4240.	0.	0.	4240.	1909.1	37595.	41835.
36	11838.	6700.	0.	0.	6700.	1913.6	23261.	29961.
37	12275.	9840.	0.	0.	9840.	1915.8	25305.	35145.
38	12710.	10993.	0.	0.	10993.	1917.3	28993.	39986.
39	13971.	10707.	0.	0.	10707.	1920.2	32797.	43504.
40	19936.	10146.	0.	0.	10146.	1928.9	37223.	47369.
41	14780.	9923.	0.	0.	9923.	1933.2	31094.	41017.
42	17003.	9738.	0.	0.	9738.	1939.6	33162.	42900.
43	23312.	8300.	0.	0.	8300.	1952.5	43738.	52038.
44	26487.	8400.	0.	0.	8400.	1966.2	50989.	59389.
45	20467.	9423.	0.	0.	9423.	1974.5	48394.	57817.
46	18086.	9431.	0.	0.	9431.	1981.1	40566.	49997.
47	17477.	9462.	0.	0.	9462.	1987.1	33140.	42602.
48	16811.	9655.	0.	0.	9655.	1992.5	26696.	36351.
49	14281.	9866.	0.	0.	9866.	1995.9	18138.	28004.
50	22570.	10058.	0.	7056.	17114.	2000.0	33966.	51080.
51	15996.	10242.	0.	5755.	15996.	2000.0	26562.	42558.
52	11980.	10389.	0.	1591.	11980.	2000.0	23213.	35193.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961 1	9778.	9940.	0.	0.	9940.	1999.9	17499.	27439.
2	7102.	7140.	0.	0.	7140.	1999.8	12277.	19417.
3	5050.	6720.	0.	0.	6720.	1998.6	9302.	16022.
4	3678.	7323.	0.	0.	7323.	1995.8	6875.	14198.
5	2753.	8149.	0.	0.	8149.	1991.7	4970.	13119.
6	2516.	7754.	0.	0.	7754.	1987.8	4678.	12432.
7	2319.	8496.	0.	0.	8496.	1983.1	4406.	12902.
8	2058.	7719.	0.	0.	7719.	1978.8	3743.	11462.
9	2118.	8362.	0.	0.	8362.	1974.1	3749.	12111.
10	2126.	9281.	0.	0.	9281.	1968.7	4051.	13332.
11	2085.	9800.	0.	0.	9800.	1962.9	3932.	13732.
12	1833.	9392.	0.	0.	9392.	1957.1	3557.	12949.
13	1833.	10219.	0.	0.	10219.	1950.8	3650.	13869.
14	1776.	11057.	0.	0.	11057.	1942.7	3348.	14405.
15	1773.	9485.	0.	0.	9485.	1935.9	3113.	12598.
16	1825.	7931.	0.	0.	7931.	1930.5	3199.	11130.
17	1846.	7943.	0.	0.	7943.	1925.1	3226.	11169.
18	1601.	7954.	0.	0.	7954.	1919.4	2879.	10833.
19	1317.	8030.	0.	0.	8030.	1913.5	2408.	10438.
20	1297.	7985.	0.	0.	7985.	1907.6	2361.	10346.
21	1246.	7962.	0.	0.	7962.	1901.6	2346.	10308.
22	1181.	7727.	0.	0.	7727.	1895.1	2288.	10015.
23	1097.	6830.	0.	0.	6830.	1889.2	2080.	8910.
24	1222.	6251.	0.	0.	6251.	1883.9	2184.	8435.
25	1535.	5682.	0.	0.	5682.	1879.6	2466.	8148.
26	1535.	5327.	0.	0.	5327.	1875.7	2365.	7692.
27	1617.	5137.	0.	0.	5137.	1872.0	3106.	8243.
28	1617.	4662.	0.	0.	4662.	1868.9	3238.	7900.
29	1783.	4162.	0.	0.	4162.	1866.4	3468.	7630.
30	1811.	3674.	0.	0.	3674.	1864.5	3760.	7434.
31	5580.	2951.	0.	0.	2951.	1867.2	5944.	8895.
32	10306.	2730.	0.	0.	2730.	1875.1	13644.	16374.
33	17834.	2900.	0.	0.	2900.	1890.6	21876.	24776.
34	16989.	3800.	0.	0.	3800.	1903.6	21494.	25294.
35	15795.	6360.	0.	0.	6360.	1912.0	22992.	29352.
36	14578.	9380.	0.	0.	9380.	1916.6	23747.	33127.
37	23810.	10987.	0.	0.	10987.	1928.0	40107.	51094.
38	29749.	10435.	0.	0.	10435.	1945.1	46464.	56899.
39	24996.	9890.	0.	0.	9890.	1957.2	43500.	53390.
40	18341.	9319.	0.	0.	9319.	1964.0	39541.	48860.
41	19253.	9124.	0.	0.	9124.	1971.7	37442.	46566.
42	19937.	8922.	0.	0.	8922.	1980.0	41511.	50433.
43	20655.	8767.	0.	0.	8767.	1989.0	48928.	57695.
44	22581.	8940.	0.	0.	8940.	1999.3	44103.	53043.
45	23083.	8923.	0.	13291.	22214.	2000.0	47541.	69755.
46	19710.	9058.	0.	10652.	19710.	2000.0	33742.	53452.
47	18708.	9204.	0.	9504.	18708.	2000.0	40425.	59133.
48	13842.	9481.	0.	4361.	13842.	2000.0	26079.	39921.
49	9309.	9759.	0.	0.	9759.	1999.7	24183.	33942.
50	10560.	9989.	0.	121.	10110.	2000.0	31788.	41898.
51	10059.	10215.	0.	0.	10215.	1999.9	23046.	33261.
52	10131.	10386.	0.	0.	10386.	1999.7	21266.	31652.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	8304.	9940.	0.	0.	9940.	1998.4	17683.	27623.
2	3663.	7140.	0.	0.	7140.	1995.8	9417.	16557.
3	3663.	6720.	0.	0.	6720.	1993.5	8541.	15261.
4	3663.	6277.	0.	0.	6277.	1991.5	7709.	13986.
5	2910.	6985.	0.	0.	6985.	1988.4	6054.	13039.
6	2187.	7754.	0.	0.	7754.	1984.2	5165.	12919.
7	2187.	7080.	0.	0.	7080.	1980.5	4625.	11705.
8	2187.	7719.	0.	0.	7719.	1976.3	4124.	11843.
9	2067.	8362.	0.	0.	8362.	1971.6	3807.	12169.
10	1742.	9281.	0.	0.	9281.	1965.9	3127.	12408.
11	1742.	9800.	0.	0.	9800.	1959.8	3094.	12894.
12	1742.	9392.	0.	0.	9392.	1954.0	3075.	12467.
13	1742.	8516.	0.	0.	8516.	1948.7	3068.	11584.
14	1645.	9478.	0.	0.	9478.	1941.7	2648.	12126.
15	1626.	9485.	0.	0.	9485.	1934.8	2529.	12014.
16	1626.	7931.	0.	0.	7931.	1929.2	2533.	10464.
17	1626.	7943.	0.	0.	7943.	1923.6	2546.	10489.
18	1462.	7954.	0.	0.	7954.	1917.8	2296.	10250.
19	1237.	8030.	0.	0.	8030.	1911.8	2055.	10085.
20	1237.	7985.	0.	0.	7985.	1905.8	1986.	9971.
21	1237.	7962.	0.	0.	7962.	1899.9	1990.	9952.
22	1207.	7727.	0.	0.	7727.	1893.1	1877.	9604.
23	1174.	6830.	0.	0.	6830.	1887.2	1818.	8648.
24	1174.	6251.	0.	0.	6251.	1882.0	1765.	8016.
25	1174.	5682.	0.	0.	5682.	1877.3	1724.	7406.
26	1174.	5327.	0.	0.	5327.	1873.0	1744.	7071.
27	1335.	5137.	0.	0.	5137.	1869.0	1958.	7095.
28	1335.	4662.	0.	0.	4662.	1865.6	2015.	6677.
29	1335.	4162.	0.	0.	4162.	1862.6	2487.	6649.
30	1335.	3674.	0.	0.	3674.	1860.2	2613.	6287.
31	3165.	2951.	0.	0.	2951.	1860.4	4370.	7321.
32	3896.	3396.	0.	0.	3396.	1860.9	5332.	8728.
33	10571.	4357.	0.	0.	4357.	1867.4	11427.	15784.
34	15580.	3800.	0.	0.	3800.	1879.6	21233.	25033.
35	25042.	5300.	0.	0.	5300.	1900.1	32006.	37306.
36	25502.	6700.	0.	0.	6700.	1916.7	29096.	35796.
37	49464.	9840.	0.	0.	9840.	1951.6	51443.	61283.
38	42296.	9815.	0.	0.	9815.	1976.1	50603.	60418.
39	29941.	9209.	0.	0.	9209.	1991.8	45147.	54356.
40	24659.	8669.	0.	5183.	13852.	2000.0	40140.	53992.
41	24076.	8599.	0.	15477.	24076.	2000.0	40660.	64736.
42	20979.	8542.	0.	12437.	20979.	2000.0	41706.	62685.
43	24659.	8565.	0.	16094.	24659.	2000.0	48219.	72878.
44	22051.	8898.	0.	13153.	22051.	2000.0	50919.	72970.
45	19487.	8906.	0.	10581.	19487.	2000.0	36147.	55634.
46	19487.	9057.	0.	10430.	19487.	2000.0	31877.	51364.
47	19487.	9207.	0.	10280.	19487.	2000.0	29774.	49261.
48	19844.	9508.	0.	10336.	19844.	2000.0	36863.	56707.
49	18961.	9799.	0.	9162.	18961.	2000.0	34510.	53471.
50	11972.	9994.	0.	1978.	11972.	2000.0	18990.	30962.
51	9699.	10218.	0.	0.	10218.	1999.6	14303.	24521.
52	9763.	10395.	0.	0.	10395.	1999.1	15270.	25665.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	7677.	9940.	0.	0.	9940.	1997.3	10865.	20805.
2	5846.	7140.	0.	0.	7140.	1996.4	7778.	14918.
3	5094.	6720.	0.	0.	6720.	1995.1	6200.	12920.
4	4603.	7323.	0.	0.	7323.	1993.1	5160.	12483.
5	3273.	6985.	0.	0.	6985.	1990.3	3760.	10745.
6	2427.	7754.	0.	0.	7754.	1986.2	3373.	11127.
7	2427.	8496.	0.	0.	8496.	1981.7	3166.	11662.
8	2427.	7719.	0.	0.	7719.	1977.7	2950.	10669.
9	2243.	8362.	0.	0.	8362.	1973.0	3043.	11405.
10	1684.	9281.	0.	0.	9281.	1967.3	3051.	12332.
11	1684.	9800.	0.	0.	9800.	1961.1	2965.	12765.
12	1684.	9392.	0.	0.	9392.	1955.3	3137.	12529.
13	1684.	10219.	0.	0.	10219.	1948.7	2960.	13179.
14	1346.	9478.	0.	0.	9478.	1941.5	2835.	12313.
15	1303.	9485.	0.	0.	9485.	1934.2	2715.	12200.
16	1303.	7931.	0.	0.	7931.	1928.3	2667.	10598.
17	1303.	7943.	0.	0.	7943.	1922.5	2613.	10556.
18	1284.	7954.	0.	0.	7954.	1916.5	2343.	10297.
19	1203.	8030.	0.	0.	8030.	1910.5	2193.	10223.
20	1203.	7985.	0.	0.	7985.	1904.5	2180.	10165.
21	1203.	7962.	0.	0.	7962.	1898.2	2160.	10122.
22	1015.	7727.	0.	0.	7727.	1891.3	1940.	9667.
23	870.	6830.	0.	0.	6830.	1885.1	1488.	8318.
24	870.	6251.	0.	0.	6251.	1879.5	1449.	7700.
25	870.	4546.	0.	0.	4546.	1875.7	1302.	5848.
26	870.	4262.	0.	0.	4262.	1872.2	1366.	5628.
27	680.	4110.	0.	0.	4110.	1868.6	1322.	5432.
28	680.	3730.	0.	0.	3730.	1865.4	1326.	5056.
29	680.	3330.	0.	0.	3330.	1862.7	1376.	4706.
30	680.	2939.	0.	0.	2939.	1860.4	1350.	4289.
31	2138.	2361.	0.	0.	2361.	1860.1	3024.	5385.
32	2871.	3471.	0.	0.	3471.	1859.5	3777.	7248.
33	16185.	3014.	0.	0.	3014.	1873.2	18352.	21366.
34	26173.	3040.	0.	0.	3040.	1897.2	30410.	33450.
35	29395.	5300.	0.	0.	5300.	1918.9	44468.	49768.
36	20039.	8040.	0.	0.	8040.	1929.6	31682.	39722.
37	20039.	10663.	0.	0.	10663.	1937.9	30281.	40944.
38	20039.	10301.	0.	0.	10301.	1946.5	31670.	41971.
39	20039.	9903.	0.	0.	9903.	1954.7	38603.	48506.
40	25591.	9314.	0.	0.	9314.	1967.0	48371.	57685.
41	33081.	8964.	0.	0.	8964.	1985.2	61037.	70001.
42	31343.	8629.	0.	3185.	11814.	2000.0	62213.	74027.
43	26765.	8573.	0.	18192.	26765.	2000.0	44987.	71752.
44	24772.	8909.	0.	15863.	24772.	2000.0	34649.	59421.
45	22882.	8921.	0.	13961.	22882.	2000.0	28645.	51527.
46	19853.	9058.	0.	10795.	19853.	2000.0	29573.	49426.
47	20996.	9214.	0.	11782.	20996.	2000.0	31152.	52148.
48	17689.	9498.	0.	8191.	17689.	2000.0	27270.	44959.
49	13124.	9772.	0.	3352.	13124.	2000.0	21058.	34182.
50	11736.	9993.	0.	1743.	11736.	2000.0	18146.	29882.
51	9384.	10220.	0.	0.	10220.	1999.4	14253.	24473.
52	8325.	10412.	0.	0.	10412.	1997.6	17403.	27815.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	9940.	0.	0.	9940.	1995.5	15419.	25359.
2	6067.	6120.	0.	0.	6120.	1995.5	13672.	19792.
3	4963.	5760.	0.	0.	5760.	1994.9	11147.	16907.
4	3760.	6277.	0.	0.	6277.	1992.9	7158.	13435.
5	2277.	6985.	0.	0.	6985.	1989.4	5678.	12663.
6	2037.	7754.	0.	0.	7754.	1985.1	4880.	12634.
7	1803.	8496.	0.	0.	8496.	1980.0	3950.	12446.
8	1489.	7719.	0.	0.	7719.	1975.3	2842.	10561.
9	1454.	8362.	0.	0.	8362.	1970.1	2703.	11065.
10	1358.	9281.	0.	0.	9281.	1964.1	2167.	11448.
11	1311.	9800.	0.	0.	9800.	1957.6	2138.	11938.
12	1038.	9392.	0.	0.	9392.	1951.3	1993.	11385.
13	1038.	8516.	0.	0.	8516.	1944.9	1993.	10509.
14	913.	7898.	0.	0.	7898.	1938.7	2023.	9921.
15	888.	7904.	0.	0.	7904.	1932.5	2037.	9941.
16	830.	7931.	0.	0.	7931.	1926.2	1864.	9795.
17	807.	7943.	0.	0.	7943.	1919.9	1773.	9716.
18	816.	6363.	0.	0.	6363.	1915.0	1680.	8043.
19	818.	6424.	0.	0.	6424.	1910.0	1601.	8025.
20	802.	6388.	0.	0.	6388.	1905.1	1585.	7973.
21	760.	6370.	0.	0.	6370.	1900.1	1551.	7921.
22	696.	6182.	0.	0.	6182.	1894.5	1483.	7665.
23	612.	5464.	0.	0.	5464.	1889.4	1396.	6860.
24	588.	5001.	0.	0.	5001.	1884.8	1402.	6403.
25	524.	4546.	0.	0.	4546.	1880.7	1375.	5921.
26	524.	4262.	0.	0.	4262.	1876.8	1379.	5641.
27	588.	4110.	0.	0.	4110.	1873.1	1533.	5643.
28	588.	3730.	0.	0.	3730.	1869.9	1786.	5516.
29	637.	3330.	0.	0.	3330.	1867.1	1930.	5260.
30	646.	2939.	0.	0.	2939.	1864.7	2094.	5033.
31	524.	2361.	0.	0.	2361.	1862.8	2611.	4972.
32	521.	3478.	0.	0.	3478.	1859.7	3417.	6895.
33	699.	5299.	0.	0.	5299.	1854.9	4566.	9865.
34	1548.	4449.	0.	0.	4449.	1851.9	9218.	13667.
35	17791.	3339.	0.	0.	3339.	1866.9	45163.	48502.
36	66753.	5360.	0.	0.	5360.	1926.2	92638.	97998.
37	45845.	8200.	0.	0.	8200.	1958.1	75475.	83675.
38	38257.	9707.	0.	0.	9707.	1979.7	70279.	79986.
39	27669.	9157.	0.	0.	9157.	1993.7	62891.	72048.
40	22261.	8654.	0.	5294.	13948.	2000.0	41724.	55672.
41	22938.	8595.	0.	14344.	22938.	2000.0	47070.	70008.
42	21646.	8545.	0.	13101.	21646.	2000.0	46839.	68485.
43	14854.	8525.	0.	6329.	14854.	2000.0	34954.	49808.
44	16893.	8876.	0.	8017.	16893.	2000.0	40811.	57704.
45	15985.	8892.	0.	7094.	15985.	2000.0	32215.	48200.
46	12889.	9028.	0.	3861.	12889.	2000.0	31847.	44736.
47	13741.	9182.	0.	4559.	13741.	2000.0	33235.	46976.
48	11603.	9471.	0.	2132.	11603.	2000.0	23837.	35440.
49	8901.	9762.	0.	0.	9762.	1999.3	19668.	29430.
50	7255.	10018.	0.	0.	10018.	1997.3	15007.	25025.
51	7294.	10290.	0.	0.	10290.	1995.0	14152.	24442.
52	6247.	10522.	0.	0.	10522.	1991.3	15921.	26443.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	5814.	8520.	0.	0.	8520.	1989.3	12096.	20616.
2	6506.	5100.	0.	0.	5100.	1990.3	16404.	21504.
3	4258.	4800.	0.	0.	4800.	1989.9	9031.	13831.
4	3387.	5231.	0.	0.	5231.	1988.5	7486.	12717.
5	2593.	5821.	0.	0.	5821.	1986.1	5746.	11567.
6	2408.	6462.	0.	0.	6462.	1983.0	5373.	11835.
7	2383.	7080.	0.	0.	7080.	1979.4	5227.	12307.
8	2656.	7719.	0.	0.	7719.	1975.6	5180.	12899.
9	1708.	8362.	0.	0.	8362.	1970.6	4625.	12987.
10	1175.	9281.	0.	0.	9281.	1964.5	3550.	12831.
11	1047.	9800.	0.	0.	9800.	1957.8	3524.	13324.
12	952.	9392.	0.	0.	9392.	1951.4	3504.	12896.
13	952.	8516.	0.	0.	8516.	1945.0	3504.	12020.
14	880.	7898.	0.	0.	7898.	1938.8	2662.	10560.
15	866.	7904.	0.	0.	7904.	1932.5	2525.	10429.
16	866.	7931.	0.	0.	7931.	1926.3	2525.	10456.
17	866.	7943.	0.	0.	7943.	1920.0	2525.	10468.
18	821.	6363.	0.	0.	6363.	1915.1	2392.	8755.
19	764.	6424.	0.	0.	6424.	1910.1	2214.	8638.
20	764.	6388.	0.	0.	6388.	1905.1	2214.	8602.
21	764.	6370.	0.	0.	6370.	1900.2	2214.	8584.
22	785.	6182.	0.	0.	6182.	1894.6	2131.	8313.
23	809.	5464.	0.	0.	5464.	1889.7	2024.	7488.
24	809.	5001.	0.	0.	5001.	1885.4	2024.	7025.
25	809.	4546.	0.	0.	4546.	1881.5	2024.	6570.
26	809.	4262.	0.	0.	4262.	1877.9	2024.	6286.
27	1050.	4110.	0.	0.	4110.	1874.8	2217.	6327.
28	1050.	3730.	0.	0.	3730.	1872.0	2217.	5947.
29	1324.	3330.	0.	0.	3330.	1869.9	2263.	5593.
30	1370.	2939.	0.	0.	2939.	1868.3	2269.	5208.
31	1702.	2361.	0.	0.	2361.	1867.6	3591.	5952.
32	4582.	3196.	0.	0.	3196.	1869.0	4753.	7949.
33	7973.	4602.	0.	0.	4602.	1872.5	12084.	16686.
34	14365.	3479.	0.	0.	3479.	1883.8	19852.	23331.
35	28598.	4240.	0.	0.	4240.	1907.8	33426.	37666.
36	18020.	6700.	0.	0.	6700.	1917.8	30825.	37525.
37	19249.	9840.	0.	0.	9840.	1926.1	34552.	44392.
38	18396.	10621.	0.	0.	10621.	1933.0	41270.	51891.
39	27076.	10131.	0.	0.	10131.	1948.0	42269.	52400.
40	25264.	9453.	0.	0.	9453.	1960.3	38593.	48046.
41	25478.	9153.	0.	0.	9153.	1972.6	47826.	56979.
42	23730.	8877.	0.	0.	8877.	1983.9	45289.	54166.
43	20581.	8697.	0.	0.	8697.	1992.8	38532.	47229.
44	18313.	8901.	0.	0.	8901.	2000.0	40508.	49409.
45	16343.	8893.	0.	7400.	16293.	2000.0	38705.	54998.
46	25247.	9082.	0.	16166.	25247.	2000.0	56432.	81679.
47	16925.	9196.	0.	7729.	16925.	2000.0	36336.	53261.
48	9394.	9461.	0.	0.	9461.	1999.9	20928.	30389.
49	14093.	9776.	0.	4250.	14026.	2000.0	33133.	47159.
50	17314.	10020.	0.	7295.	17314.	2000.0	35587.	52901.
51	15844.	10241.	0.	5603.	15844.	2000.0	32546.	48390.
52	18328.	10421.	0.	7907.	18328.	2000.0	50841.	69169.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	10948.	0.	0.	10948.	2000.0	22239.	33187.
2	6087.	7140.	0.	0.	7140.	1999.2	17307.	24447.
3	2852.	6720.	0.	0.	6720.	1996.3	8883.	15603.
4	2359.	7323.	0.	0.	7323.	1992.5	6843.	14166.
5	2043.	6985.	0.	0.	6985.	1988.8	5241.	12226.
6	1676.	7754.	0.	0.	7754.	1984.2	4115.	11869.
7	1481.	7080.	0.	0.	7080.	1980.0	3737.	10817.
8	1412.	7719.	0.	0.	7719.	1975.2	3474.	11193.
9	1361.	8362.	0.	0.	8362.	1969.9	3207.	11569.
10	1265.	9281.	0.	0.	9281.	1963.8	2885.	12166.
11	1223.	9800.	0.	0.	9800.	1957.3	2813.	12613.
12	1174.	9392.	0.	0.	9392.	1951.1	2738.	12130.
13	1129.	8516.	0.	0.	8516.	1944.8	2665.	11181.
14	1075.	7898.	0.	0.	7898.	1938.7	2444.	10342.
15	1062.	7904.	0.	0.	7904.	1932.7	2391.	10295.
16	1062.	7931.	0.	0.	7931.	1926.6	2359.	10290.
17	1062.	7943.	0.	0.	7943.	1920.5	2326.	10269.
18	1025.	6363.	0.	0.	6363.	1915.8	2233.	8596.
19	980.	6424.	0.	0.	6424.	1910.9	2102.	8526.
20	980.	6388.	0.	0.	6388.	1906.1	2046.	8434.
21	980.	6370.	0.	0.	6370.	1901.4	1995.	8365.
22	983.	6182.	0.	0.	6182.	1896.2	1943.	8125.
23	985.	5464.	0.	0.	5464.	1891.6	1909.	7373.
24	985.	5001.	0.	0.	5001.	1887.4	1900.	6901.
25	985.	4546.	0.	0.	4546.	1883.7	1900.	6446.
26	985.	4262.	0.	0.	4262.	1880.3	1903.	6165.
27	1091.	4110.	0.	0.	4110.	1877.2	2217.	6327.
28	1091.	3730.	0.	0.	3730.	1874.4	2217.	5947.
29	1432.	3330.	0.	0.	3330.	1872.5	2378.	5708.
30	1490.	2939.	0.	0.	2939.	1870.9	2439.	5378.
31	2210.	2361.	0.	0.	2361.	1870.8	3451.	5812.
32	2873.	2987.	0.	0.	2987.	1870.7	4491.	7478.
33	5322.	4122.	0.	0.	4122.	1871.9	8421.	12543.
34	10202.	3040.	0.	0.	3040.	1879.4	13093.	16133.
35	16017.	4240.	0.	0.	4240.	1891.6	19634.	23874.
36	37660.	5360.	0.	0.	5360.	1921.4	55170.	60530.
37	26954.	8200.	0.	0.	8200.	1938.0	46465.	54665.
38	22768.	10268.	0.	0.	10268.	1949.1	42088.	52356.
39	19214.	9856.	0.	0.	9856.	1956.3	37759.	47615.
40	15178.	9362.	0.	0.	9362.	1960.7	30682.	40044.
41	14458.	9228.	0.	0.	9228.	1964.7	36603.	45831.
42	15132.	9095.	0.	0.	9095.	1969.2	39860.	48955.
43	17122.	8998.	0.	0.	8998.	1975.4	45646.	54644.
44	22511.	9202.	0.	0.	9202.	1985.4	54042.	63244.
45	18320.	9058.	0.	0.	9058.	1992.5	44377.	53435.
46	15064.	9102.	0.	0.	9102.	1997.0	39072.	48174.
47	18252.	9211.	0.	5029.	14239.	2000.0	51691.	65930.
48	14606.	9484.	0.	5122.	14606.	2000.0	35324.	49930.
49	10023.	9757.	0.	266.	10023.	2000.0	23411.	33434.
50	9733.	9987.	0.	0.	9987.	1999.8	23073.	33060.
51	9623.	10222.	0.	0.	10222.	1999.4	21755.	31977.
52	7019.	10424.	0.	0.	10424.	1996.4	15952.	26376.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	5525.	9940.	0.	0.	9940.	1993.1	13701.	23641.
2	3705.	6120.	0.	0.	6120.	1991.2	9741.	15861.
3	2802.	5760.	0.	0.	5760.	1989.0	7156.	12916.
4	1896.	6277.	0.	0.	6277.	1985.7	4662.	10939.
5	1290.	5821.	0.	0.	5821.	1982.3	3614.	9435.
6	1192.	6462.	0.	0.	6462.	1978.3	3232.	9694.
7	1192.	7080.	0.	0.	7080.	1973.8	3099.	10179.
8	1192.	7719.	0.	0.	7719.	1968.9	2995.	10714.
9	1173.	6690.	0.	0.	6690.	1964.7	2895.	9585.
10	1119.	7425.	0.	0.	7425.	1959.9	2810.	10235.
11	1119.	7840.	0.	0.	7840.	1954.9	2765.	10605.
12	1119.	7514.	0.	0.	7514.	1950.0	2744.	10258.
13	1119.	6813.	0.	0.	6813.	1945.0	2706.	9519.
14	1105.	7898.	0.	0.	7898.	1939.0	2713.	10611.
15	1106.	7904.	0.	0.	7904.	1932.9	2668.	10572.
16	1106.	7931.	0.	0.	7931.	1926.9	2623.	10554.
17	1106.	7943.	0.	0.	7943.	1920.8	2513.	10456.
18	1077.	7954.	0.	0.	7954.	1914.8	2467.	10421.
19	1037.	6424.	0.	0.	6424.	1910.0	2353.	8777.
20	1037.	6388.	0.	0.	6388.	1905.2	2293.	8681.
21	1037.	6370.	0.	0.	6370.	1900.5	2183.	8553.
22	965.	6182.	0.	0.	6182.	1895.2	2151.	8333.
23	882.	5464.	0.	0.	5464.	1890.4	2010.	7474.
24	882.	5001.	0.	0.	5001.	1886.2	1916.	6917.
25	882.	4546.	0.	0.	4546.	1882.4	1865.	6411.
26	882.	4262.	0.	0.	4262.	1878.9	1833.	6095.
27	771.	4110.	0.	0.	4110.	1875.4	1759.	5869.
28	771.	3730.	0.	0.	3730.	1872.3	1731.	5461.
29	790.	3330.	0.	0.	3330.	1869.7	1742.	5072.
30	910.	2939.	0.	0.	2939.	1867.6	1956.	4895.
31	1409.	2361.	0.	0.	2361.	1866.6	3191.	5552.
32	4044.	3115.	0.	0.	3115.	1867.6	9130.	12245.
33	14066.	2923.	0.	0.	2923.	1879.1	23576.	26499.
34	19680.	3040.	0.	0.	3040.	1896.4	29702.	32742.
35	23533.	5300.	0.	0.	5300.	1913.1	34529.	39829.
36	22187.	8040.	0.	0.	8040.	1925.6	31368.	39408.
37	29069.	10662.	0.	0.	10662.	1941.9	40720.	51382.
38	24227.	10170.	0.	0.	10170.	1953.7	45177.	55347.
39	23703.	9719.	0.	0.	9719.	1964.3	52983.	62702.
40	17634.	9180.	0.	0.	9180.	1970.7	47606.	56786.
41	17564.	9006.	0.	0.	9006.	1977.2	44440.	53446.
42	24423.	8786.	0.	0.	8786.	1989.0	71715.	80501.
43	28466.	8613.	0.	5302.	13915.	2000.0	62015.	75930.
44	21665.	8896.	0.	12769.	21665.	2000.0	49634.	71299.
45	20177.	8909.	0.	11268.	20177.	2000.0	43414.	63591.
46	44209.	9049.	0.	24000.	33049.	2007.1	89947.	122996.
47	24653.	9185.	0.	24000.	33185.	2001.7	58193.	91378.
48	16555.	9490.	0.	9693.	19183.	2000.0	36533.	55716.
49	23511.	9820.	0.	13691.	23511.	2000.0	36494.	60005.
50	13875.	10003.	0.	3872.	13875.	2000.0	38458.	52333.
51	10087.	10215.	0.	0.	10215.	1999.9	19086.	29301.
52	7666.	10407.	0.	0.	10407.	1997.5	13639.	24046.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	5636.	9940.	0.	0.	9940.	1994.3	9550.	19490.
2	4692.	6120.	0.	0.	6120.	1993.2	7663.	13783.
3	3669.	5760.	0.	0.	5760.	1991.6	6094.	11854.
4	2797.	6277.	0.	0.	6277.	1989.0	4722.	10999.
5	2340.	6985.	0.	0.	6985.	1985.5	4047.	11032.
6	1987.	6462.	0.	0.	6462.	1982.1	3715.	10177.
7	1881.	7080.	0.	0.	7080.	1978.2	3524.	10604.
8	1812.	7719.	0.	0.	7719.	1973.7	3328.	11047.
9	1780.	8362.	0.	0.	8362.	1968.7	3146.	11508.
10	1740.	9281.	0.	0.	9281.	1963.0	3053.	12334.
11	1740.	9800.	0.	0.	9800.	1956.9	2913.	12713.
12	1669.	9392.	0.	0.	9392.	1951.1	2845.	12237.
13	1657.	8516.	0.	0.	8516.	1945.2	2712.	11228.
14	1633.	7898.	0.	0.	7898.	1939.6	2706.	10604.
15	1634.	7904.	0.	0.	7904.	1934.1	2648.	10552.
16	1634.	7931.	0.	0.	7931.	1928.5	2549.	10480.
17	1611.	7943.	0.	0.	7943.	1922.9	2518.	10461.
18	1552.	7954.	0.	0.	7954.	1917.2	2483.	10437.
19	1561.	8030.	0.	0.	8030.	1911.5	2462.	10492.
20	1561.	7985.	0.	0.	7985.	1905.8	2451.	10436.
21	1561.	7962.	0.	0.	7962.	1900.1	2430.	10392.
22	1561.	7727.	0.	0.	7727.	1893.7	2430.	10157.
23	1560.	6830.	0.	0.	6830.	1888.3	2416.	9246.
24	1560.	6251.	0.	0.	6251.	1883.4	2380.	8631.
25	1560.	5682.	0.	0.	5682.	1879.1	2307.	7989.
26	1560.	5327.	0.	0.	5327.	1875.2	2307.	7634.
27	1544.	5137.	0.	0.	5137.	1871.5	2378.	7515.
28	1485.	4662.	0.	0.	4662.	1868.2	2455.	7117.
29	1556.	4162.	0.	0.	4162.	1865.5	2756.	6918.
30	1662.	3674.	0.	0.	3674.	1863.4	3308.	6982.
31	1787.	2951.	0.	0.	2951.	1862.2	4616.	7567.
32	2353.	3410.	0.	0.	3410.	1861.1	7636.	11046.
33	10464.	3378.	0.	0.	3378.	1868.4	19473.	22851.
34	27061.	3800.	0.	0.	3800.	1892.6	44102.	47902.
35	21911.	5300.	0.	0.	5300.	1908.4	44496.	49796.
36	21507.	8040.	0.	0.	8040.	1920.3	43378.	51418.
37	29938.	10801.	0.	0.	10801.	1937.3	62434.	73235.
38	30356.	10216.	0.	0.	10216.	1954.4	58280.	68496.
39	22099.	9718.	0.	0.	9718.	1963.7	45224.	54942.
40	24724.	9138.	0.	0.	9138.	1975.5	51136.	60274.
41	22504.	8877.	0.	0.	8877.	1985.8	52395.	61272.
42	21723.	8645.	0.	0.	8645.	1995.7	42247.	50892.
43	20991.	8562.	0.	6763.	15325.	2000.0	49120.	64444.
44	18324.	8882.	0.	9442.	18324.	2000.0	38100.	56424.
45	16541.	8894.	0.	7647.	16541.	2000.0	39665.	56206.
46	13759.	9032.	0.	4727.	13759.	2000.0	33221.	46980.
47	12436.	9177.	0.	3260.	12436.	2000.0	30836.	43272.
48	11024.	9468.	0.	1556.	11024.	2000.0	23652.	34676.
49	9099.	9761.	0.	0.	9761.	1999.5	18232.	27993.
50	9115.	10001.	0.	0.	10001.	1998.8	16893.	26894.
51	5821.	10270.	0.	0.	10270.	1995.5	11603.	21873.
52	4456.	10529.	0.	0.	10529.	1990.2	8756.	19285.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	8520.	0.	0.	8520.	1986.9	7176.	15696.
2	3593.	5223.	0.	0.	5223.	1985.7	6177.	11400.
3	2768.	4800.	0.	0.	4800.	1984.1	4877.	9677.
4	2457.	5231.	0.	0.	5231.	1982.0	4457.	9688.
5	2109.	5821.	0.	0.	5821.	1979.2	3607.	9428.
6	1631.	6462.	0.	0.	6462.	1975.6	2992.	9454.
7	1241.	5664.	0.	0.	5664.	1972.2	2651.	8315.
8	1087.	6175.	0.	0.	6175.	1968.4	2450.	8625.
9	901.	6690.	0.	0.	6690.	1964.0	2231.	8921.
10	809.	7425.	0.	0.	7425.	1959.0	2034.	9459.
11	767.	7840.	0.	0.	7840.	1953.7	1950.	9790.
12	724.	7514.	0.	0.	7514.	1948.3	1861.	9375.
13	687.	6813.	0.	0.	6813.	1942.8	1786.	8599.
14	658.	6318.	0.	0.	6318.	1937.8	1687.	8005.
15	640.	6323.	0.	0.	6323.	1932.8	1656.	7979.
16	598.	6345.	0.	0.	6345.	1927.7	1584.	7929.
17	598.	6354.	0.	0.	6354.	1922.6	1563.	7917.
18	598.	6363.	0.	0.	6363.	1917.5	1532.	7895.
19	587.	6424.	0.	0.	6424.	1912.3	1501.	7925.
20	599.	6388.	0.	0.	6388.	1907.2	1483.	7871.
21	630.	6370.	0.	0.	6370.	1902.1	1478.	7848.
22	630.	6182.	0.	0.	6182.	1896.7	1447.	7629.
23	655.	5464.	0.	0.	5464.	1891.7	1422.	6886.
24	673.	5001.	0.	0.	5001.	1887.2	1411.	6412.
25	709.	4546.	0.	0.	4546.	1883.3	1383.	5929.
26	732.	4262.	0.	0.	4262.	1879.6	1389.	5651.
27	779.	4110.	0.	0.	4110.	1876.1	1497.	5607.
28	919.	3730.	0.	0.	3730.	1873.2	1649.	5379.
29	1196.	3330.	0.	0.	3330.	1871.0	2134.	5464.
30	1696.	2939.	0.	0.	2939.	1869.7	3173.	6112.
31	2867.	2361.	0.	0.	2361.	1870.2	4658.	7019.
32	5116.	3103.	0.	0.	3103.	1872.3	7347.	10450.
33	9727.	4293.	0.	0.	4293.	1878.0	10294.	14587.
34	17064.	3040.	0.	0.	3040.	1892.5	21273.	24313.
35	10209.	4240.	0.	0.	4240.	1898.7	16144.	20384.
36	11525.	6725.	0.	0.	6725.	1903.2	16775.	23500.
37	14689.	6560.	0.	0.	6560.	1910.4	26317.	32877.
38	16092.	7360.	0.	0.	7360.	1918.1	33337.	40697.
39	14614.	7620.	0.	0.	7620.	1924.3	33558.	41178.
40	13051.	7128.	0.	0.	7128.	1929.5	32375.	39503.
41	16518.	6894.	0.	0.	6894.	1938.1	34522.	41416.
42	16974.	6860.	0.	0.	6860.	1947.0	29470.	36330.
43	14188.	7045.	0.	0.	7045.	1952.9	26817.	33862.
44	11668.	6720.	0.	0.	6720.	1956.6	26531.	33251.
45	12201.	6774.	0.	0.	6774.	1960.7	26564.	33338.
46	6318.	6919.	0.	0.	6919.	1960.3	13850.	20769.
47	5126.	7125.	0.	0.	7125.	1958.7	11240.	18365.
48	4792.	7199.	0.	0.	7199.	1956.9	11536.	18735.
49	5256.	6953.	0.	0.	6953.	1955.6	12864.	19817.
50	4595.	6084.	0.	0.	6084.	1954.5	10864.	16948.
51	3939.	6023.	0.	0.	6023.	1952.9	9047.	15070.
52	3308.	5607.	0.	0.	5607.	1950.9	7608.	13215.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	3018.	5078.	0.	0.	5078.	1949.3	8722.	13800.
2	2841.	5132.	0.	0.	5132.	1947.3	8507.	13639.
3	2489.	4240.	0.	0.	4240.	1945.7	6985.	11225.
4	1680.	3487.	0.	0.	3487.	1944.1	5078.	8565.
5	1432.	3667.	0.	0.	3667.	1942.1	4358.	8025.
6	1202.	4071.	0.	0.	4071.	1939.6	3393.	7464.
7	950.	4460.	0.	0.	4460.	1936.5	2794.	7254.
8	842.	4863.	0.	0.	4863.	1932.9	2533.	7396.
9	787.	5268.	0.	0.	5268.	1928.9	2300.	7568.
10	735.	5847.	0.	0.	5847.	1924.4	2204.	8051.
11	699.	6174.	0.	0.	6174.	1919.6	2151.	8325.
12	694.	5917.	0.	0.	5917.	1914.9	2135.	8052.
13	694.	5365.	0.	0.	5365.	1910.8	2098.	7463.
14	656.	4976.	0.	0.	4976.	1907.0	2039.	7015.
15	656.	4980.	0.	0.	4980.	1903.1	1980.	6960.
16	628.	4997.	0.	0.	4997.	1899.1	1971.	6968.
17	617.	5004.	0.	0.	5004.	1894.6	1962.	6966.
18	618.	5011.	0.	0.	5011.	1890.0	1946.	6957.
19	628.	5059.	0.	0.	5059.	1885.4	1922.	6981.
20	589.	5031.	0.	0.	5031.	1880.8	1873.	6904.
21	589.	5016.	0.	0.	5016.	1876.2	1788.	6804.
22	589.	4868.	0.	0.	4868.	1871.8	1779.	6647.
23	605.	4303.	0.	0.	4303.	1868.0	1763.	6066.
24	616.	3938.	0.	0.	3938.	1864.5	1766.	5704.
25	645.	3580.	0.	0.	3580.	1861.5	1774.	5354.
26	645.	3356.	0.	0.	3356.	1858.6	1774.	5130.
27	769.	3236.	0.	0.	3236.	1856.1	1732.	4968.
28	846.	2937.	0.	0.	2937.	1853.9	1873.	4810.
29	969.	2622.	0.	0.	2622.	1852.2	2155.	4777.
30	1176.	2315.	0.	0.	2315.	1851.0	2694.	5009.
31	1634.	1859.	0.	0.	1859.	1850.8	3986.	5845.
32	3900.	3286.	0.	0.	3286.	1851.4	8491.	11777.
33	13817.	3474.	0.	0.	3474.	1862.2	17880.	21354.
34	12474.	3717.	0.	0.	3717.	1871.2	22225.	25942.
35	15221.	4240.	0.	0.	4240.	1882.6	27728.	31968.
36	12989.	5360.	0.	0.	5360.	1890.6	26118.	31478.
37	12531.	6560.	0.	0.	6560.	1896.8	38706.	45266.
38	11864.	7360.	0.	0.	7360.	1901.2	30659.	38019.
39	19977.	7620.	0.	0.	7620.	1912.2	40555.	48175.
40	20089.	7128.	0.	0.	7128.	1923.6	40903.	48031.
41	16855.	6894.	0.	0.	6894.	1932.5	39475.	46369.
42	18059.	6691.	0.	0.	6691.	1942.5	44396.	51087.
43	17267.	6640.	0.	0.	6640.	1951.7	43319.	49959.
44	21606.	6720.	0.	0.	6720.	1962.9	50871.	57591.
45	18880.	6774.	0.	0.	6774.	1972.1	44844.	51618.
46	14586.	8548.	0.	0.	8548.	1976.6	33647.	42195.
47	16486.	8670.	0.	0.	8670.	1982.6	39324.	47994.
48	11350.	8932.	0.	0.	8932.	1984.4	28788.	37720.
49	9396.	7359.	0.	0.	7359.	1985.9	26640.	33999.
50	7477.	7505.	0.	0.	7505.	1985.9	24288.	31793.
51	7616.	7648.	0.	0.	7648.	1985.9	18831.	26479.
52	4244.	7120.	0.	0.	7120.	1983.4	10804.	17924.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	4991.	5680.	0.	0.	5680.	1982.9	11199.	16879.
2	4166.	4309.	0.	0.	4309.	1982.8	9456.	13765.
3	3393.	3840.	0.	0.	3840.	1982.4	7891.	11731.
4	2885.	4185.	0.	0.	4185.	1981.4	6656.	10841.
5	2923.	4657.	0.	0.	4657.	1980.1	6352.	11009.
6	2796.	5170.	0.	0.	5170.	1978.3	5873.	11043.
7	2543.	7080.	0.	0.	7080.	1974.9	4842.	11922.
8	2249.	7719.	0.	0.	7719.	1970.8	4308.	12027.
9	2013.	6690.	0.	0.	6690.	1967.2	3881.	10571.
10	1886.	7425.	0.	0.	7425.	1963.0	3564.	10989.
11	1761.	7840.	0.	0.	7840.	1958.4	3350.	11190.
12	1614.	9392.	0.	0.	9392.	1952.6	3186.	12578.
13	1446.	8516.	0.	0.	8516.	1946.7	2955.	11471.
14	1328.	7898.	0.	0.	7898.	1940.9	2653.	10551.
15	1188.	7904.	0.	0.	7904.	1935.0	2438.	10342.
16	1080.	7931.	0.	0.	7931.	1928.9	2199.	10130.
17	950.	7943.	0.	0.	7943.	1922.7	1982.	9925.
18	880.	7954.	0.	0.	7954.	1916.4	1845.	9799.
19	821.	8030.	0.	0.	8030.	1910.1	1798.	9828.
20	746.	7985.	0.	0.	7985.	1903.6	1752.	9737.
21	746.	7962.	0.	0.	7962.	1896.8	1728.	9690.
22	730.	7727.	0.	0.	7727.	1889.5	1678.	9405.
23	716.	6830.	0.	0.	6830.	1883.2	1662.	8492.
24	716.	5001.	0.	0.	5001.	1878.7	1648.	6649.
25	716.	4546.	0.	0.	4546.	1874.8	1610.	6156.
26	716.	4262.	0.	0.	4262.	1871.1	1664.	5926.
27	717.	4110.	0.	0.	4110.	1867.6	1711.	5821.
28	744.	3730.	0.	0.	3730.	1864.5	1742.	5472.
29	808.	3330.	0.	0.	3330.	1861.8	1859.	5189.
30	904.	2939.	0.	0.	2939.	1859.7	1984.	4923.
31	1098.	2361.	0.	0.	2361.	1858.4	2483.	4844.
32	1415.	3515.	0.	0.	3515.	1856.2	4035.	7550.
33	2087.	5287.	0.	0.	5287.	1852.9	6412.	11699.
34	3683.	4740.	0.	0.	4740.	1851.8	10578.	15318.
35	6558.	3844.	0.	0.	3844.	1854.6	17322.	21166.
36	19251.	5394.	0.	0.	5394.	1869.0	32021.	37415.
37	39740.	6560.	0.	0.	6560.	1902.9	54375.	60935.
38	24136.	7360.	0.	0.	7360.	1917.8	45977.	53337.
39	33340.	7620.	0.	0.	7620.	1940.6	72384.	80004.
40	21395.	8910.	0.	0.	8910.	1951.4	46474.	55384.
41	21771.	9363.	0.	0.	9363.	1960.8	51799.	61162.
42	25092.	9097.	0.	0.	9097.	1972.9	50116.	59213.
43	16325.	8933.	0.	0.	8933.	1978.5	32608.	41541.
44	20943.	9152.	0.	0.	9152.	1987.4	37990.	47142.
45	38945.	9032.	0.	13256.	22289.	2000.0	72348.	94636.
46	34819.	9101.	0.	24000.	33101.	2001.1	53757.	86858.
47	21352.	9213.	0.	13857.	23070.	2000.0	35543.	58613.
48	16880.	9494.	0.	7386.	16880.	2000.0	28109.	44989.
49	19170.	9800.	0.	9370.	19170.	2000.0	30901.	50071.
50	12233.	9995.	0.	2238.	12233.	2000.0	22417.	34650.
51	9251.	10221.	0.	0.	10221.	1999.3	16013.	26234.
52	8027.	10417.	0.	0.	10417.	1997.2	12946.	23363.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	9940.	0.	0.	9940.	1994.7	10367.	20307.
2	5931.	6120.	0.	0.	6120.	1994.5	13369.	19489.
3	4501.	5760.	0.	0.	5760.	1993.6	8876.	14636.
4	3711.	6277.	0.	0.	6277.	1991.7	6554.	12831.
5	3005.	6985.	0.	0.	6985.	1988.6	5473.	12458.
6	2717.	7754.	0.	0.	7754.	1984.8	4697.	12451.
7	2574.	8496.	0.	0.	8496.	1980.4	4162.	12658.
8	2430.	7719.	0.	0.	7719.	1976.4	3714.	11433.
9	2311.	8362.	0.	0.	8362.	1971.8	3353.	11715.
10	2016.	9281.	0.	0.	9281.	1966.3	3242.	12523.
11	2016.	9800.	0.	0.	9800.	1960.4	3057.	12857.
12	1860.	9392.	0.	0.	9392.	1954.7	2881.	12273.
13	1860.	8516.	0.	0.	8516.	1949.6	2755.	11271.
14	1790.	9478.	0.	0.	9478.	1942.8	2766.	12244.
15	1642.	9485.	0.	0.	9485.	1935.8	2649.	12134.
16	1642.	7931.	0.	0.	7931.	1930.3	2627.	10558.
17	1642.	7943.	0.	0.	7943.	1924.7	2494.	10437.
18	1643.	7954.	0.	0.	7954.	1919.1	2493.	10447.
19	1528.	8030.	0.	0.	8030.	1913.3	2453.	10483.
20	1465.	7985.	0.	0.	7985.	1907.6	2324.	10309.
21	1465.	7962.	0.	0.	7962.	1901.8	2257.	10219.
22	1403.	7727.	0.	0.	7727.	1895.6	2186.	9913.
23	1416.	6830.	0.	0.	6830.	1889.9	2078.	8908.
24	1351.	6251.	0.	0.	6251.	1884.9	1998.	8249.
25	1351.	5682.	0.	0.	5682.	1880.4	1916.	7598.
26	1329.	5327.	0.	0.	5327.	1876.2	1878.	7205.
27	1241.	5137.	0.	0.	5137.	1872.2	1853.	6990.
28	1241.	4662.	0.	0.	4662.	1868.6	1844.	6506.
29	1189.	4162.	0.	0.	4162.	1865.5	1894.	6056.
30	1241.	3674.	0.	0.	3674.	1863.0	2126.	5800.
31	2386.	2951.	0.	0.	2951.	1862.4	4504.	7455.
32	13753.	2730.	0.	0.	2730.	1873.9	17455.	20185.
33	13553.	2900.	0.	0.	2900.	1884.9	17051.	19951.
34	18894.	3800.	0.	0.	3800.	1900.5	24670.	28470.
35	31966.	6360.	0.	0.	6360.	1923.2	45750.	52110.
36	20142.	9380.	0.	0.	9380.	1932.7	29107.	38487.
37	35772.	10421.	0.	0.	10421.	1954.4	41369.	51790.
38	31327.	9843.	0.	0.	9843.	1970.7	44931.	54774.
39	21178.	9384.	0.	0.	9384.	1979.6	36574.	45958.
40	22096.	8850.	0.	0.	8850.	1989.6	42272.	51122.
41	22084.	8621.	0.	0.	8621.	1999.8	51441.	60062.
42	19683.	8537.	0.	10863.	19400.	2000.0	39211.	58612.
43	16050.	8530.	0.	7520.	16050.	2000.0	39693.	55743.
44	18343.	8882.	0.	9461.	18343.	2000.0	40250.	58593.
45	19675.	8907.	0.	10768.	19675.	2000.0	36458.	56133.
46	18045.	9051.	0.	8995.	18045.	2000.0	34372.	52417.
47	18653.	9204.	0.	9449.	18653.	2000.0	36224.	54877.
48	12473.	9475.	0.	2998.	12473.	2000.0	23182.	35655.
49	11598.	9765.	0.	1833.	11598.	2000.0	26523.	38121.
50	15857.	10013.	0.	5844.	15857.	2000.0	35380.	51237.
51	11686.	10221.	0.	1465.	11686.	2000.0	20434.	32120.
52	5278.	10426.	0.	0.	10426.	1995.5	12863.	23289.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	4296.	8520.	0.	0.	8520.	1992.4	19336.
2	3976.	6120.	0.	0.	6120.	1990.7	14187.
3	5515.	5760.	0.	0.	5760.	1990.5	16744.
4	4090.	6277.	0.	0.	6277.	1988.9	14252.
5	2727.	6985.	0.	0.	6985.	1985.7	12580.
6	2210.	6462.	0.	0.	6462.	1982.5	11043.
7	1887.	7080.	0.	0.	7080.	1978.5	11175.
8	1738.	7719.	0.	0.	7719.	1974.0	11236.
9	1519.	8362.	0.	0.	8362.	1968.8	11739.
10	1356.	9281.	0.	0.	9281.	1962.8	12708.
11	1210.	9800.	0.	0.	9800.	1956.3	12939.
12	1186.	9392.	0.	0.	9392.	1950.1	12607.
13	1186.	8516.	0.	0.	8516.	1943.7	11395.
14	1051.	7898.	0.	0.	7898.	1937.6	10390.
15	1026.	7904.	0.	0.	7904.	1931.5	10239.
16	1026.	7931.	0.	0.	7931.	1925.4	10211.
17	1026.	6354.	0.	0.	6354.	1920.7	8537.
18	1035.	6363.	0.	0.	6363.	1915.9	8580.
19	1008.	6424.	0.	0.	6424.	1911.1	8577.
20	1008.	6388.	0.	0.	6388.	1906.4	8470.
21	1008.	6370.	0.	0.	6370.	1901.6	8419.
22	929.	6182.	0.	0.	6182.	1896.5	8108.
23	868.	5464.	0.	0.	5464.	1891.7	7197.
24	868.	5001.	0.	0.	5001.	1887.4	6749.
25	868.	4546.	0.	0.	4546.	1883.6	6166.
26	868.	4262.	0.	0.	4262.	1880.1	5821.
27	879.	4110.	0.	0.	4110.	1876.7	5532.
28	879.	3730.	0.	0.	3730.	1873.8	5327.
29	879.	3330.	0.	0.	3330.	1871.2	4975.
30	929.	2939.	0.	0.	2939.	1869.1	5005.
31	1227.	2361.	0.	0.	2361.	1867.9	5335.
32	2355.	3669.	0.	0.	3669.	1866.6	9941.
33	8066.	4866.	0.	0.	4866.	1869.9	25103.
34	11109.	4438.	0.	0.	4438.	1876.8	25972.
35	13811.	4240.	0.	0.	4240.	1886.8	26345.
36	17385.	6171.	0.	0.	6171.	1898.4	34389.
37	28985.	6560.	0.	0.	6560.	1918.5	52288.
38	31344.	9200.	0.	0.	9200.	1938.1	60006.
39	20593.	10079.	0.	0.	10079.	1947.4	50630.
40	18980.	9516.	0.	0.	9516.	1955.0	44627.
41	18143.	9318.	0.	0.	9318.	1961.6	46188.
42	13728.	9166.	0.	0.	9166.	1965.1	37514.
43	14810.	9097.	0.	0.	9097.	1969.4	39111.
44	15752.	9372.	0.	0.	9372.	1974.2	38614.
45	18754.	9273.	0.	0.	9273.	1981.4	42110.
46	14942.	9317.	0.	0.	9317.	1985.7	32200.
47	19441.	9356.	0.	0.	9356.	1993.3	49657.
48	20593.	9532.	0.	2188.	11720.	2000.0	45184.
49	11210.	9763.	0.	1447.	11210.	2000.0	34150.
50	7823.	10001.	0.	0.	10001.	1998.4	26484.
51	6605.	10273.	0.	0.	10273.	1995.6	21214.
52	5366.	10518.	0.	0.	10518.	1991.1	17059.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	4607.	8520.	0.	0.	8520.	1988.2	7898.	16418.
2	3710.	5171.	0.	0.	5171.	1987.1	5392.	10563.
3	2558.	4800.	0.	0.	4800.	1985.4	4142.	8942.
4	1938.	5231.	0.	0.	5231.	1982.9	3876.	9107.
5	1693.	5821.	0.	0.	5821.	1979.7	3178.	8999.
6	1459.	6462.	0.	0.	6462.	1976.0	2849.	9311.
7	1344.	7080.	0.	0.	7080.	1971.6	2809.	9889.
8	1230.	6175.	0.	0.	6175.	1967.9	2638.	8813.
9	1129.	6690.	0.	0.	6690.	1963.7	2676.	9366.
10	1028.	7425.	0.	0.	7425.	1958.8	2424.	9849.
11	926.	7840.	0.	0.	7840.	1953.6	2256.	10096.
12	881.	7514.	0.	0.	7514.	1948.4	2014.	9528.
13	854.	6813.	0.	0.	6813.	1943.1	2042.	8855.
14	816.	6318.	0.	0.	6318.	1938.2	1907.	8225.
15	811.	6323.	0.	0.	6323.	1933.3	1861.	8184.
16	778.	6345.	0.	0.	6345.	1928.4	1821.	8166.
17	765.	6354.	0.	0.	6354.	1923.4	1776.	8130.
18	745.	6363.	0.	0.	6363.	1918.5	1774.	8137.
19	707.	6424.	0.	0.	6424.	1913.4	1835.	8259.
20	694.	6388.	0.	0.	6388.	1908.4	1808.	8196.
21	662.	6370.	0.	0.	6370.	1903.3	1801.	8171.
22	663.	6182.	0.	0.	6182.	1898.1	1742.	7924.
23	648.	5464.	0.	0.	5464.	1893.1	1741.	7205.
24	636.	5001.	0.	0.	5001.	1888.6	1654.	6655.
25	605.	4546.	0.	0.	4546.	1884.5	1579.	6125.
26	605.	4262.	0.	0.	4262.	1880.7	1557.	5819.
27	594.	4110.	0.	0.	4110.	1877.1	1538.	5648.
28	620.	3730.	0.	0.	3730.	1873.8	1550.	5280.
29	747.	3330.	0.	0.	3330.	1871.2	1652.	4982.
30	1189.	2939.	0.	0.	2939.	1869.4	2183.	5122.
31	2059.	2361.	0.	0.	2361.	1869.0	3786.	6147.
32	5341.	2755.	0.	0.	2755.	1871.7	7932.	10687.
33	9964.	3678.	0.	0.	3678.	1878.2	11552.	15230.
34	22246.	3040.	0.	0.	3040.	1898.2	22257.	25297.
35	25280.	5300.	0.	0.	5300.	1916.1	32080.	37380.
36	16013.	8040.	0.	0.	8040.	1923.2	23143.	31183.
37	13675.	10925.	0.	0.	10925.	1925.6	25661.	36586.
38	12785.	10705.	0.	0.	10705.	1927.5	27973.	38678.
39	13651.	10424.	0.	0.	10424.	1930.3	34730.	45154.
40	14383.	9942.	0.	0.	9942.	1934.3	34556.	44498.
41	17876.	9756.	0.	0.	9756.	1941.5	37136.	46892.
42	16396.	9560.	0.	0.	9560.	1947.5	37582.	47142.
43	15766.	9448.	0.	0.	9448.	1952.7	35415.	44863.
44	14730.	9733.	0.	0.	9733.	1956.4	32889.	42622.
45	15504.	8468.	0.	0.	8468.	1961.8	35025.	43493.
46	13265.	6838.	0.	0.	6838.	1966.6	31368.	38206.
47	10498.	6936.	0.	0.	6936.	1969.3	22767.	29703.
48	14244.	7146.	0.	0.	7146.	1974.7	34805.	41951.
49	13395.	7359.	0.	0.	7359.	1979.3	28621.	35980.
50	7511.	7505.	0.	0.	7505.	1979.3	16851.	24356.
51	7590.	7648.	0.	0.	7648.	1979.2	14334.	21982.
52	9984.	7120.	0.	0.	7120.	1981.7	16747.	23867.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	4537.	5680.	0.	0.	5680.	1980.8	9607.	15287.
2	4509.	5040.	0.	0.	5040.	1980.4	8377.	13417.
3	2402.	4488.	0.	0.	4488.	1978.8	5187.	9675.
4	1602.	4185.	0.	0.	4185.	1976.9	4688.	8873.
5	1468.	4657.	0.	0.	4657.	1974.5	3977.	8634.
6	1478.	5170.	0.	0.	5170.	1971.7	3213.	8383.
7	1478.	5664.	0.	0.	5664.	1968.5	2895.	8559.
8	1478.	6175.	0.	0.	6175.	1965.0	2667.	8842.
9	1461.	6690.	0.	0.	6690.	1961.0	2799.	9489.
10	1264.	7425.	0.	0.	7425.	1956.4	2732.	10157.
11	1264.	7840.	0.	0.	7840.	1951.4	2670.	10510.
12	1264.	7514.	0.	0.	7514.	1946.1	2730.	10244.
13	1264.	6813.	0.	0.	6813.	1941.2	2715.	9528.
14	1270.	6318.	0.	0.	6318.	1936.7	2586.	8904.
15	1203.	6323.	0.	0.	6323.	1932.2	2438.	8761.
16	1203.	6345.	0.	0.	6345.	1927.6	2238.	8583.
17	1203.	6354.	0.	0.	6354.	1923.0	2144.	8498.
18	1200.	6363.	0.	0.	6363.	1918.5	2243.	8606.
19	1123.	6424.	0.	0.	6424.	1913.8	2171.	8595.
20	1123.	6388.	0.	0.	6388.	1909.1	1958.	8346.
21	1081.	7962.	0.	0.	7962.	1903.0	1931.	9893.
22	1051.	7727.	0.	0.	7727.	1896.6	1947.	9674.
23	1040.	6830.	0.	0.	6830.	1890.6	1816.	8646.
24	1040.	6251.	0.	0.	6251.	1885.2	1862.	8113.
25	1040.	5682.	0.	0.	5682.	1880.4	1888.	7570.
26	1040.	5327.	0.	0.	5327.	1875.9	1805.	7132.
27	1036.	5137.	0.	0.	5137.	1871.7	1880.	7017.
28	1047.	4662.	0.	0.	4662.	1867.9	1880.	6542.
29	1142.	4162.	0.	0.	4162.	1864.8	1896.	6058.
30	1354.	3674.	0.	0.	3674.	1862.4	2247.	5921.
31	2133.	2951.	0.	0.	2951.	1861.5	3183.	6134.
32	5138.	2730.	0.	0.	2730.	1864.0	5011.	7741.
33	11291.	2900.	0.	0.	2900.	1872.7	16293.	19193.
34	17252.	3800.	0.	0.	3800.	1886.7	25582.	29382.
35	23081.	5300.	0.	0.	5300.	1904.4	40766.	46066.
36	30459.	8040.	0.	0.	8040.	1924.2	41360.	49400.
37	22880.	10778.	0.	0.	10778.	1935.0	37868.	48646.
38	28749.	10280.	0.	0.	10280.	1951.1	45486.	55766.
39	25700.	9759.	0.	0.	9759.	1963.2	46696.	56455.
40	23413.	9158.	0.	0.	9158.	1974.0	45659.	54817.
41	25455.	8885.	0.	0.	8885.	1986.5	55392.	64277.
42	24131.	8617.	0.	0.	8617.	1998.2	50126.	58743.
43	22076.	8559.	0.	11195.	19754.	2000.0	37889.	57643.
44	20265.	8890.	0.	11375.	20265.	2000.0	37804.	58069.
45	16199.	8892.	0.	7307.	16199.	2000.0	54790.	70989.
46	15474.	9039.	0.	6435.	15474.	2000.0	36452.	51926.
47	13658.	9182.	0.	4476.	13658.	2000.0	26422.	40080.
48	11762.	9471.	0.	2291.	11762.	2000.0	23357.	35119.
49	9359.	9759.	0.	0.	9759.	1999.7	22501.	32260.
50	15849.	10014.	0.	5436.	15449.	2000.0	28651.	44100.
51	14847.	10236.	0.	4611.	14847.	2000.0	26785.	41632.
52	12513.	10392.	0.	2121.	12513.	2000.0	19292.	31805.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	7559.	9940.	0.	0.	9940.	1998.2	13771.	23711.
2	6664.	7140.	0.	0.	7140.	1997.8	12410.	19550.
3	6139.	6720.	0.	0.	6720.	1997.4	9346.	16066.
4	3621.	7323.	0.	0.	7323.	1994.6	5813.	13136.
5	2720.	8149.	0.	0.	8149.	1990.5	4262.	12411.
6	1937.	7754.	0.	0.	7754.	1986.1	3246.	11000.
7	1475.	8496.	0.	0.	8496.	1980.8	2930.	11426.
8	1173.	7719.	0.	0.	7719.	1975.8	2536.	10255.
9	1011.	8362.	0.	0.	8362.	1970.3	2485.	10847.
10	925.	9281.	0.	0.	9281.	1963.9	2271.	11552.
11	890.	9800.	0.	0.	9800.	1957.2	2206.	12006.
12	855.	9392.	0.	0.	9392.	1950.8	2091.	11483.
13	809.	8516.	0.	0.	8516.	1944.1	2084.	10600.
14	778.	7898.	0.	0.	7898.	1937.7	2070.	9968.
15	778.	7904.	0.	0.	7904.	1931.4	2028.	9932.
16	750.	7931.	0.	0.	7931.	1925.1	1927.	9858.
17	739.	6354.	0.	0.	6354.	1920.1	1949.	8303.
18	741.	6363.	0.	0.	6363.	1915.1	1926.	8289.
19	746.	6424.	0.	0.	6424.	1910.1	1936.	8360.
20	746.	6388.	0.	0.	6388.	1905.1	2221.	8609.
21	746.	6370.	0.	0.	6370.	1900.1	2099.	8469.
22	726.	6182.	0.	0.	6182.	1894.5	2102.	8284.
23	687.	5464.	0.	0.	5464.	1889.5	2086.	7550.
24	687.	5001.	0.	0.	5001.	1885.0	1866.	6867.
25	687.	4546.	0.	0.	4546.	1881.0	1857.	6403.
26	687.	4262.	0.	0.	4262.	1877.3	1874.	6136.
27	644.	4110.	0.	0.	4110.	1873.7	1887.	5997.
28	675.	3730.	0.	0.	3730.	1870.6	2055.	5785.
29	839.	3330.	0.	0.	3330.	1868.0	2702.	6032.
30	1402.	2939.	0.	0.	2939.	1866.4	3608.	6547.
31	3440.	2361.	0.	0.	2361.	1867.5	8823.	11184.
32	9778.	2184.	0.	0.	2184.	1875.4	24617.	26801.
33	9397.	2320.	0.	0.	2320.	1882.7	19660.	21980.
34	9828.	3040.	0.	0.	3040.	1889.8	21288.	24328.
35	11375.	4240.	0.	0.	4240.	1897.2	27185.	31425.
36	23100.	5360.	0.	0.	5360.	1913.3	42594.	47954.
37	24887.	8200.	0.	0.	8200.	1928.1	53847.	62047.
38	17525.	10577.	0.	0.	10577.	1934.2	38012.	48589.
39	16928.	10208.	0.	0.	10208.	1940.2	43696.	53904.
40	16991.	9684.	0.	0.	9684.	1946.7	39034.	48718.
41	16954.	9497.	0.	0.	9497.	1952.8	43512.	53009.
42	16164.	9329.	0.	0.	9329.	1958.0	46646.	55975.
43	16576.	9228.	0.	0.	9228.	1963.5	42245.	51473.
44	20226.	9458.	0.	0.	9458.	1971.7	39152.	48610.
45	26317.	9267.	0.	0.	9267.	1984.6	36900.	46167.
46	19534.	9221.	0.	0.	9221.	1992.4	37247.	46468.
47	15004.	9258.	0.	0.	9258.	1996.7	47124.	56382.
48	10554.	9513.	0.	0.	9513.	1997.5	24126.	33639.
49	6302.	9828.	0.	0.	9828.	1994.8	17448.	27276.
50	5160.	10124.	0.	0.	10124.	1991.1	15076.	25200.
51	5190.	10440.	0.	0.	10440.	1987.1	15865.	26305.
52	5530.	8900.	0.	0.	8900.	1984.2	15413.	24313.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	3729.	5680.	0.	0.	5680.	1982.7	11484.	17164.
2	3045.	5102.	0.	0.	5102.	1981.2	9623.	14725.
3	2903.	4143.	0.	0.	4143.	1980.2	7534.	11677.
4	2576.	4185.	0.	0.	4185.	1979.0	7396.	11581.
5	2139.	4657.	0.	0.	4657.	1977.1	5983.	10640.
6	1963.	5170.	0.	0.	5170.	1974.7	5124.	10294.
7	1839.	5664.	0.	0.	5664.	1971.8	4494.	10158.
8	1736.	6175.	0.	0.	6175.	1968.4	4087.	10262.
9	2097.	6690.	0.	0.	6690.	1964.9	4818.	11508.
10	1902.	7425.	0.	0.	7425.	1960.8	4344.	11769.
11	1722.	7840.	0.	0.	7840.	1956.1	3627.	11467.
12	1583.	7514.	0.	0.	7514.	1951.7	3548.	11062.
13	1462.	8516.	0.	0.	8516.	1945.7	3458.	11974.
14	1442.	7898.	0.	0.	7898.	1940.0	3254.	11152.
15	1400.	7904.	0.	0.	7904.	1934.2	2989.	10893.
16	1326.	7931.	0.	0.	7931.	1928.4	2741.	10672.
17	1294.	7943.	0.	0.	7943.	1922.5	2665.	10608.
18	1257.	7954.	0.	0.	7954.	1916.5	2389.	10343.
19	1219.	8030.	0.	0.	8030.	1910.5	2299.	10329.
20	1197.	7985.	0.	0.	7985.	1904.5	2164.	10149.
21	1197.	7962.	0.	0.	7962.	1898.2	2278.	10240.
22	1156.	7727.	0.	0.	7727.	1891.4	2202.	9929.
23	1106.	6830.	0.	0.	6830.	1885.5	2170.	9000.
24	1106.	6251.	0.	0.	6251.	1880.1	2113.	8364.
25	1106.	5682.	0.	0.	5682.	1875.4	2066.	7748.
26	1106.	4262.	0.	0.	4262.	1872.1	2064.	6326.
27	1149.	4110.	0.	0.	4110.	1869.0	2277.	6387.
28	1149.	3730.	0.	0.	3730.	1866.4	2146.	5876.
29	1211.	3330.	0.	0.	3330.	1864.2	2165.	5495.
30	1272.	2939.	0.	0.	2939.	1862.4	2217.	5156.
31	1314.	2361.	0.	0.	2361.	1861.3	3006.	5367.
32	2267.	2810.	0.	0.	2810.	1860.8	5270.	8080.
33	8205.	2320.	0.	0.	2320.	1866.9	13367.	15687.
34	12588.	3040.	0.	0.	3040.	1876.8	22277.	25317.
35	19531.	4240.	0.	0.	4240.	1892.7	41816.	46056.
36	29414.	5360.	0.	0.	5360.	1915.1	57693.	63053.
37	38957.	8200.	0.	0.	8200.	1942.3	72883.	81083.
38	31928.	10095.	0.	0.	10095.	1959.9	60471.	70566.
39	28489.	9548.	0.	0.	9548.	1974.3	60832.	70380.
40	18502.	8977.	0.	0.	8977.	1981.5	43168.	52145.
41	20572.	8779.	0.	0.	8779.	1990.4	46721.	55500.
42	21740.	8570.	0.	461.	9031.	2000.0	54579.	63610.
43	18089.	8538.	0.	9551.	18089.	2000.0	45889.	63978.
44	19531.	8887.	0.	10644.	19531.	2000.0	42818.	62349.
45	18939.	8904.	0.	10035.	18939.	2000.0	43045.	61984.
46	17328.	9047.	0.	8281.	17328.	2000.0	44644.	61972.
47	17519.	9199.	0.	8320.	17519.	2000.0	49949.	67468.
48	11066.	9468.	0.	1598.	11066.	2000.0	27357.	38423.
49	8643.	9764.	0.	0.	9764.	1999.2	23596.	33360.
50	12235.	9998.	0.	1116.	11114.	2000.0	25375.	36489.
51	11736.	10221.	0.	1515.	11736.	2000.0	25004.	36740.
52	9877.	10386.	0.	0.	10386.	1999.6	21284.	31670.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	9940.	0.	0.	9940.	1997.2	14654.	24594.
2	6882.	7140.	0.	0.	7140.	1997.0	13484.	20624.
3	6046.	6720.	0.	0.	6720.	1996.5	10913.	17633.
4	4510.	7323.	0.	0.	7323.	1994.3	8369.	15692.
5	3355.	8149.	0.	0.	8149.	1990.7	7241.	15390.
6	2862.	7754.	0.	0.	7754.	1987.0	5514.	13268.
7	2578.	8496.	0.	0.	8496.	1982.5	4601.	13097.
8	2392.	7719.	0.	0.	7719.	1978.5	4139.	11858.
9	2223.	8362.	0.	0.	8362.	1973.9	3975.	12337.
10	2108.	9281.	0.	0.	9281.	1968.4	3683.	12964.
11	2015.	9800.	0.	0.	9800.	1962.5	3564.	13364.
12	1955.	9392.	0.	0.	9392.	1956.9	3421.	12813.
13	1808.	10219.	0.	0.	10219.	1950.6	3462.	13681.
14	1741.	11057.	0.	0.	11057.	1942.4	3460.	14517.
15	1641.	9485.	0.	0.	9485.	1935.5	3098.	12583.
16	1557.	7931.	0.	0.	7931.	1929.8	3028.	10959.
17	1496.	7943.	0.	0.	7943.	1924.1	2800.	10743.
18	1403.	7954.	0.	0.	7954.	1918.3	2636.	10590.
19	1285.	8030.	0.	0.	8030.	1912.3	2434.	10464.
20	1247.	7985.	0.	0.	7985.	1906.4	2285.	10270.
21	1247.	7962.	0.	0.	7962.	1900.4	2148.	10110.
22	1212.	7727.	0.	0.	7727.	1893.7	2009.	9736.
23	1258.	6830.	0.	0.	6830.	1887.9	1958.	8788.
24	1258.	6251.	0.	0.	6251.	1882.7	1917.	8168.
25	1258.	5682.	0.	0.	5682.	1878.2	1805.	7487.
26	1275.	5327.	0.	0.	5327.	1874.0	1925.	7252.
27	1251.	5137.	0.	0.	5137.	1869.9	2201.	7338.
28	1251.	4662.	0.	0.	4662.	1866.4	2126.	6788.
29	1251.	4162.	0.	0.	4162.	1863.4	2252.	6414.
30	1322.	3674.	0.	0.	3674.	1860.9	2667.	6341.
31	3355.	2951.	0.	0.	2951.	1861.3	3414.	6365.
32	11862.	3305.	0.	0.	3305.	1870.2	8877.	12182.
33	16195.	5052.	0.	0.	5052.	1881.8	12493.	17545.
34	10959.	5359.	0.	0.	5359.	1887.6	11593.	16952.
35	11660.	5300.	0.	0.	5300.	1894.2	13538.	18838.
36	13979.	6700.	0.	0.	6700.	1901.5	22658.	29358.
37	19417.	8200.	0.	0.	8200.	1911.4	33158.	41358.
38	16614.	9200.	0.	0.	9200.	1918.0	28603.	37803.
39	20703.	9525.	0.	0.	9525.	1927.9	33607.	43132.
40	19608.	8910.	0.	0.	8910.	1937.4	40752.	49662.
41	18215.	9683.	0.	0.	9683.	1944.9	39779.	49462.
42	18416.	9469.	0.	0.	9469.	1952.4	44265.	53734.
43	18064.	9330.	0.	0.	9330.	1959.0	45105.	54435.
44	16600.	9580.	0.	0.	9580.	1964.4	46171.	55751.
45	15674.	9498.	0.	0.	9498.	1969.0	43066.	52564.
46	14572.	9571.	0.	0.	9571.	1972.8	39252.	48823.
47	12160.	8670.	0.	0.	8670.	1975.4	29600.	38270.
48	8756.	7146.	0.	0.	7146.	1976.7	22382.	29528.
49	9287.	7359.	0.	0.	7359.	1978.1	25721.	33080.
50	8372.	7505.	0.	0.	7505.	1978.8	20595.	28100.
51	6293.	7648.	0.	0.	7648.	1977.8	15643.	23291.
52	4696.	7120.	0.	0.	7120.	1975.7	10946.	18066.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	4195.	5680.	0.	0.	5680.	1974.5	9103.	14783.
2	4701.	4632.	0.	0.	4632.	1974.6	7886.	12518.
3	3796.	3895.	0.	0.	3895.	1974.5	6873.	10768.
4	2849.	4185.	0.	0.	4185.	1973.5	5346.	9531.
5	2736.	4657.	0.	0.	4657.	1972.1	5220.	9877.
6	2368.	5170.	0.	0.	5170.	1969.9	4987.	10157.
7	1774.	5664.	0.	0.	5664.	1967.0	4137.	9801.
8	1558.	6175.	0.	0.	6175.	1963.5	3816.	9991.
9	1502.	6690.	0.	0.	6690.	1959.6	3720.	10410.
10	1483.	7425.	0.	0.	7425.	1955.1	3571.	10996.
11	1349.	7840.	0.	0.	7840.	1950.2	3461.	11301.
12	1214.	7514.	0.	0.	7514.	1944.6	3181.	10695.
13	1170.	6813.	0.	0.	6813.	1939.6	3092.	9905.
14	1185.	6318.	0.	0.	6318.	1935.1	2726.	9044.
15	1138.	6323.	0.	0.	6323.	1930.5	2862.	9185.
16	1138.	6345.	0.	0.	6345.	1925.9	2644.	8989.
17	1138.	6354.	0.	0.	6354.	1921.2	2572.	8926.
18	1059.	6363.	0.	0.	6363.	1916.5	2346.	8709.
19	1067.	6424.	0.	0.	6424.	1911.8	2258.	8682.
20	1067.	6388.	0.	0.	6388.	1907.1	2091.	8479.
21	1067.	6370.	0.	0.	6370.	1902.4	2125.	8495.
22	989.	6182.	0.	0.	6182.	1897.4	2083.	8265.
23	1113.	5464.	0.	0.	5464.	1892.9	1786.	7250.
24	1113.	5001.	0.	0.	5001.	1888.9	1851.	6852.
25	1113.	4546.	0.	0.	4546.	1885.3	1772.	6318.
26	1113.	4262.	0.	0.	4262.	1882.0	1838.	6100.
27	1064.	5137.	0.	0.	5137.	1877.8	1919.	7056.
28	1113.	4662.	0.	0.	4662.	1874.1	2006.	6668.
29	1228.	4162.	0.	0.	4162.	1871.1	2123.	6285.
30	1545.	3674.	0.	0.	3674.	1868.9	3403.	7077.
31	2451.	2951.	0.	0.	2951.	1868.3	6342.	9293.
32	4633.	3490.	0.	0.	3490.	1869.5	13816.	17306.
33	1081.	4811.	0.	0.	4811.	1875.8	20694.	25505.
34	17246.	4103.	0.	0.	4103.	1889.4	25018.	29121.
35	28470.	5300.	0.	0.	5300.	1911.5	41252.	46552.
36	25470.	8040.	0.	0.	8040.	1926.9	33630.	41670.
37	21379.	10721.	0.	0.	10721.	1936.4	32106.	42827.
38	19302.	10344.	0.	0.	10344.	1944.3	31386.	41730.
39	23880.	9916.	0.	0.	9916.	1955.7	41013.	50929.
40	22832.	9315.	0.	0.	9315.	1965.9	45441.	54756.
41	22584.	9062.	0.	0.	9062.	1976.1	48664.	57726.
42	27495.	8783.	0.	0.	8783.	1990.3	65760.	74543.
43	28100.	8607.	0.	6664.	15271.	2000.0	55539.	70810.
44	21732.	8896.	0.	12836.	21732.	2000.0	53499.	75231.
45	20346.	8910.	0.	11436.	20346.	2000.0	46996.	67342.
46	16431.	9044.	0.	7388.	16431.	2000.0	45357.	61788.
47	13993.	9183.	0.	4810.	13993.	2000.0	36663.	50656.
48	12415.	9474.	0.	2941.	12415.	2000.0	25603.	38018.
49	7911.	9769.	0.	0.	9769.	1998.6	14375.	24144.
50	7704.	10029.	0.	0.	10029.	1996.8	14820.	24849.
51	11339.	10268.	0.	0.	10268.	1997.6	15866.	26134.
52	8978.	10441.	0.	0.	10441.	1996.4	13798.	24239.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1980 1	6672.	9940.	0.	0.	9940.	1993.9	12101.	22041.
2	8469.	6120.	0.	0.	6120.	1995.7	14306.	20426.
3	5948.	5760.	0.	0.	5760.	1995.8	8657.	14417.
4	4395.	6277.	0.	0.	6277.	1994.4	6957.	13234.
5	4084.	6985.	0.	0.	6985.	1992.2	6222.	13207.
6	3698.	7754.	0.	0.	7754.	1989.1	5933.	13687.
7	4120.	8496.	0.	0.	8496.	1985.8	6070.	14566.
8	2949.	9263.	0.	0.	9263.	1981.1	3864.	13127.
9	2811.	8362.	0.	0.	8362.	1976.9	4079.	12441.
10	2297.	9281.	0.	0.	9281.	1971.6	3174.	12455.
11	2069.	11760.	0.	0.	11760.	1964.2	2862.	14622.
12	1890.	11270.	0.	0.	11270.	1957.1	2894.	14164.
13	1711.	10219.	0.	0.	10219.	1950.7	2724.	12943.
14	1607.	11057.	0.	0.	11057.	1942.5	2561.	13618.
15	1535.	9485.	0.	0.	9485.	1935.4	2560.	12045.
16	1451.	7931.	0.	0.	7931.	1929.7	2464.	10395.
17	1379.	7943.	0.	0.	7943.	1923.9	2417.	10360.
18	1345.	7954.	0.	0.	7954.	1918.0	2315.	10269.
19	1285.	8030.	0.	0.	8030.	1912.0	2312.	10342.
20	1224.	7985.	0.	0.	7985.	1906.1	2197.	10182.
21	1176.	7962.	0.	0.	7962.	1900.0	2168.	10130.
22	1175.	7727.	0.	0.	7727.	1893.2	2226.	9953.
23	1177.	6830.	0.	0.	6830.	1887.4	2092.	8922.
24	1177.	6251.	0.	0.	6251.	1882.1	2053.	8304.
25	1177.	5682.	0.	0.	5682.	1877.4	1920.	7602.
26	1177.	5327.	0.	0.	5327.	1873.1	2016.	7343.
27	1122.	5137.	0.	0.	5137.	1869.0	2085.	7222.
28	1122.	4662.	0.	0.	4662.	1865.3	2240.	6902.
29	1179.	4162.	0.	0.	4162.	1862.2	2390.	6552.
30	1604.	3674.	0.	0.	3674.	1860.0	3458.	7132.
31	3462.	2951.	0.	0.	2951.	1860.6	5523.	8474.
32	8212.	2730.	0.	0.	2730.	1866.3	7298.	10028.
33	11764.	3850.	0.	0.	3850.	1874.5	9555.	13405.
34	10518.	4075.	0.	0.	4075.	1881.2	11918.	15993.
35	16714.	5300.	0.	0.	5300.	1893.0	20843.	26143.
36	25823.	6700.	0.	0.	6700.	1911.0	31875.	38575.
37	20349.	9840.	0.	0.	9840.	1920.3	32015.	41855.
38	26351.	10687.	0.	0.	10687.	1934.2	38488.	49175.
39	22988.	10146.	0.	0.	10146.	1945.5	45585.	55731.
40	26281.	9494.	0.	0.	9494.	1958.9	42871.	52365.
41	26663.	9172.	0.	0.	9172.	1972.1	50214.	59386.
42	28137.	8855.	0.	0.	8855.	1986.7	48793.	57648.
43	25275.	8613.	0.	0.	8613.	1999.3	49631.	58244.
44	28150.	8926.	0.	18303.	27229.	2000.0	43028.	70257.
45	19051.	8905.	0.	10147.	19051.	2000.0	31865.	50916.
46	18006.	9050.	0.	8956.	18006.	2000.0	26325.	44331.
47	16331.	9193.	0.	7138.	16331.	2000.0	25178.	41509.
48	11948.	9472.	0.	2476.	11948.	2000.0	19444.	31392.
49	8723.	9763.	0.	0.	9763.	1999.2	16254.	26017.
50	9329.	10005.	0.	0.	10005.	1998.7	17123.	27128.
51	15679.	10244.	0.	3718.	13963.	2000.0	25652.	39615.
52	10243.	10383.	0.	0.	10383.	1999.9	16282.	26665.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	8532.	9940.	0.	0.	9940.	1998.8	12715.	22655.
2	7605.	7140.	0.	0.	7140.	1999.2	11098.	18238.
3	6326.	6720.	0.	0.	6720.	1998.9	9288.	16008.
4	5214.	7323.	0.	0.	7323.	1997.3	7722.	15045.
5	3950.	8149.	0.	0.	8149.	1994.1	6465.	14614.
6	3534.	9047.	0.	0.	9047.	1989.9	5930.	14977.
7	2637.	8496.	0.	0.	8496.	1985.5	4925.	13421.
8	2685.	9263.	0.	0.	9263.	1980.5	4720.	13983.
9	2707.	8362.	0.	0.	8362.	1976.2	4406.	12768.
10	2175.	9281.	0.	0.	9281.	1970.9	3565.	12846.
11	1678.	9800.	0.	0.	9800.	1964.7	2984.	12784.
12	1578.	11270.	0.	0.	11270.	1957.4	2722.	13992.
13	1516.	11922.	0.	0.	11922.	1949.4	2569.	14491.
14	1448.	11057.	0.	0.	11057.	1940.9	2685.	13742.
15	1684.	9485.	0.	0.	9485.	1934.0	2588.	12073.
16	1961.	7931.	0.	0.	7931.	1928.7	2577.	10508.
17	2118.	7943.	0.	0.	7943.	1923.6	2589.	10532.
18	2142.	7954.	0.	0.	7954.	1918.4	2479.	10433.
19	1911.	8030.	0.	0.	8030.	1913.0	2688.	10718.
20	1594.	7985.	0.	0.	7985.	1907.3	2484.	10469.
21	1265.	7962.	0.	0.	7962.	1901.4	2355.	10317.
22	1190.	7727.	0.	0.	7727.	1894.9	2253.	9980.
23	1194.	6830.	0.	0.	6830.	1889.0	2175.	9005.
24	1274.	6251.	0.	0.	6251.	1883.8	2173.	8424.
25	1297.	5682.	0.	0.	5682.	1879.3	2104.	7786.
26	1314.	5327.	0.	0.	5327.	1875.1	2108.	7435.
27	1238.	5137.	0.	0.	5137.	1871.1	2133.	7270.
28	1291.	4662.	0.	0.	4662.	1867.6	2159.	6821.
29	1373.	4162.	0.	0.	4162.	1864.7	2369.	6531.
30	1779.	3674.	0.	0.	3674.	1862.7	3676.	7350.
31	4737.	2951.	0.	0.	2951.	1864.6	9863.	12814.
32	17566.	2730.	0.	0.	2730.	1880.0	23148.	25878.
33	17640.	3154.	0.	0.	3154.	1895.0	25217.	28371.
34	11625.	4560.	0.	0.	4560.	1902.0	22489.	27049.
35	19077.	7420.	0.	0.	7420.	1912.3	30037.	37457.
36	16465.	9380.	0.	0.	9380.	1918.6	28792.	38172.
37	14949.	11044.	0.	0.	11044.	1922.1	28280.	39324.
38	16085.	10766.	0.	0.	10766.	1926.8	36215.	46981.
39	18788.	10381.	0.	0.	10381.	1934.2	41426.	51807.
40	14090.	9848.	0.	0.	9848.	1938.0	40053.	49901.
41	33261.	9538.	0.	0.	9538.	1957.7	82439.	91977.
42	32516.	9103.	0.	0.	9103.	1975.4	64655.	73758.
43	29007.	8795.	0.	0.	8795.	1990.7	58036.	66831.
44	31168.	8966.	0.	9876.	18842.	2000.0	60861.	79703.
45	30077.	8951.	0.	21126.	30077.	2000.0	52837.	82914.
46	38871.	9078.	0.	24000.	33078.	2003.7	64786.	97864.
47	30803.	9211.	0.	24000.	33211.	2002.2	46197.	79408.
48	20647.	9508.	0.	14524.	24032.	2000.0	40324.	64356.
49	15158.	9781.	0.	5377.	15158.	2000.0	29085.	44243.
50	12220.	9995.	0.	2225.	12220.	2000.0	21537.	33757.
51	10197.	10214.	0.	0.	10214.	2000.0	17660.	27874.
52	8299.	10400.	0.	0.	10400.	1998.2	13451.	23851.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

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- SUNSHINE	TOTAL FLOW SUNSHINE
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	9940.	0.	0.	9940.	1995.1	11313.	21253.
2	5560.	6120.	0.	0.	6120.	1994.7	10440.	16560.
3	5713.	5760.	0.	0.	5760.	1994.7	10501.	16261.
4	6627.	6277.	0.	0.	6277.	1994.9	11944.	18221.
5	3364.	6985.	0.	0.	6985.	1992.2	6565.	13550.
6	2845.	7754.	0.	0.	7754.	1988.5	5569.	13323.
7	2782.	8496.	0.	0.	8496.	1984.1	4489.	12985.
8	2339.	9263.	0.	0.	9263.	1978.9	3432.	12695.
9	2057.	8362.	0.	0.	8362.	1974.1	2857.	11219.
10	1971.	9281.	0.	0.	9281.	1968.6	2458.	11739.
11	1860.	9800.	0.	0.	9800.	1962.6	2183.	11983.
12	1794.	9392.	0.	0.	9392.	1956.9	2120.	11512.
13	1794.	10219.	0.	0.	10219.	1950.5	1863.	12082.
14	1697.	11057.	0.	0.	11057.	1942.3	1303.	12360.
15	1695.	9485.	0.	0.	9485.	1935.4	1805.	11290.
16	1695.	7931.	0.	0.	7931.	1929.9	1805.	9736.
17	1695.	7943.	0.	0.	7943.	1924.3	1805.	9748.
18	1729.	7954.	0.	0.	7954.	1918.8	1785.	9739.
19	1662.	8030.	0.	0.	8030.	1913.2	2167.	10197.
20	1213.	7985.	0.	0.	7985.	1907.2	2001.	9986.
21	881.	7962.	0.	0.	7962.	1900.9	1933.	9895.
22	767.	7727.	0.	0.	7727.	1893.8	1933.	9660.
23	826.	6830.	0.	0.	6830.	1887.6	1874.	8704.
24	826.	6251.	0.	0.	6251.	1882.0	1874.	8125.
25	874.	5682.	0.	0.	5682.	1877.0	1926.	7608.
26	1123.	5327.	0.	0.	5327.	1872.6	2263.	7590.
27	956.	5137.	0.	0.	5137.	1868.3	2401.	7538.
28	956.	4662.	0.	0.	4662.	1864.4	2344.	7006.
29	1057.	4162.	0.	0.	4162.	1861.2	2457.	6619.
30	1403.	3674.	0.	0.	3674.	1858.8	3126.	6800.
31	2641.	2951.	0.	0.	2951.	1858.5	3916.	6867.
32	6274.	2730.	0.	0.	2730.	1862.2	9640.	12370.
33	11618.	2900.	0.	0.	2900.	1871.2	19382.	22282.
34	15603.	3800.	0.	0.	3800.	1883.5	19397.	23197.
35	17916.	5300.	0.	0.	5300.	1896.6	28484.	33784.
36	21638.	6700.	0.	0.	6700.	1910.3	43748.	50448.
37	18090.	8200.	0.	0.	8200.	1919.1	37767.	45967.
38	23883.	10751.	0.	0.	10751.	1930.7	39217.	49968.
39	23173.	10225.	0.	0.	10225.	1942.2	46084.	56309.
40	16689.	9643.	0.	0.	9643.	1948.4	34811.	44454.
41	20637.	9433.	0.	0.	9433.	1957.1	37249.	46682.
42	20979.	9202.	0.	0.	9202.	1966.0	38407.	47609.
43	23533.	9013.	0.	0.	9013.	1977.0	54724.	63737.
44	20306.	9186.	0.	0.	9186.	1985.4	46908.	56094.
45	13970.	9089.	0.	0.	9089.	1989.1	35830.	44919.
46	12157.	9187.	0.	0.	9187.	1991.4	32886.	42073.
47	10610.	9309.	0.	0.	9309.	1992.4	27890.	37199.
48	11835.	9587.	0.	0.	9587.	1994.1	28336.	37923.
49	10670.	9863.	0.	0.	9863.	1994.7	27159.	37022.
50	13360.	10063.	0.	0.	10063.	1997.2	28611.	38674.
51	21010.	10275.	0.	6979.	17254.	2000.0	55147.	72401.
52	11582.	10387.	0.	1195.	11582.	2000.0	29168.	40750.

TABLE 12 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUNSHINE	TOTAL FLOW SUNSHINE
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	7782.	9940.	0.	0.	9940.	1998.4	18318.	28258.
2	6119.	7140.	0.	0.	7140.	1997.6	13281.	20421.
3	4982.	6720.	0.	0.	6720.	1996.3	9832.	16552.
4	2921.	7323.	0.	0.	7323.	1993.0	9379.	16702.
5	2384.	6985.	0.	0.	6985.	1989.5	8059.	15044.
6	2252.	7754.	0.	0.	7754.	1985.3	6891.	14645.
7	2137.	8496.	0.	0.	8496.	1980.5	6077.	14573.
8	1997.	7719.	0.	0.	7719.	1976.2	5289.	13008.
9	1944.	8362.	0.	0.	8362.	1971.3	4842.	13204.
10	1850.	9281.	0.	0.	9281.	1965.7	4364.	13645.
11	1850.	9800.	0.	0.	9800.	1959.7	4079.	13879.
12	1850.	9392.	0.	0.	9392.	1954.0	3650.	13042.
13	1965.	8516.	0.	0.	8516.	1948.9	3764.	12280.
14	2201.	9478.	0.	0.	9478.	1942.4	4313.	13791.
15	1906.	9485.	0.	0.	9485.	1935.7	3537.	13022.
16	1690.	7931.	0.	0.	7931.	1930.2	3153.	11084.
17	1588.	7943.	0.	0.	7943.	1924.5	3083.	11026.
18	1553.	7954.	0.	0.	7954.	1918.9	3047.	11001.
19	1535.	8030.	0.	0.	8030.	1913.1	2979.	11009.
20	1650.	7985.	0.	0.	7985.	1907.5	3293.	11278.
21	1685.	7962.	0.	0.	7962.	1901.9	3101.	11063.
22	1583.	7727.	0.	0.	7727.	1895.9	2603.	10330.
23	1534.	6830.	0.	0.	6830.	1890.4	2295.	9125.
24	1437.	6251.	0.	0.	6251.	1885.4	2049.	8300.
25	1389.	5682.	0.	0.	5682.	1881.0	1854.	7536.
26	1280.	5327.	0.	0.	5327.	1876.8	1834.	7161.
27	1185.	5137.	0.	0.	5137.	1872.7	1972.	7109.
28	1208.	4662.	0.	0.	4662.	1869.1	2078.	6740.
29	1411.	4162.	0.	0.	4162.	1866.2	2489.	6651.
30	1907.	3674.	0.	0.	3674.	1864.4	3607.	7281.
31	3484.	2951.	0.	0.	2951.	1864.9	6345.	9296.
32	8419.	2730.	0.	0.	2730.	1870.8	14795.	17525.
33	14537.	2900.	0.	0.	2900.	1882.9	25663.	28563.
34	12909.	3800.	0.	0.	3800.	1892.4	24091.	27891.
35	18671.	5300.	0.	0.	5300.	1905.3	31029.	36329.
36	23758.	8040.	0.	0.	8040.	1919.3	32628.	40668.
37	17019.	10998.	0.	0.	10998.	1924.6	28252.	39250.
38	20754.	10635.	0.	0.	10635.	1933.5	36046.	46681.
39	20568.	10186.	0.	0.	10186.	1942.7	42732.	52918.
40	22463.	9581.	0.	0.	9581.	1953.5	40980.	50561.
41	19352.	9338.	0.	0.	9338.	1961.1	39591.	48929.
42	16152.	9158.	0.	0.	9158.	1966.4	31719.	40877.
43	17431.	9051.	0.	0.	9051.	1972.8	30640.	39691.
44	17935.	9288.	0.	0.	9288.	1979.3	34136.	43424.
45	22829.	9143.	0.	0.	9143.	1989.6	52371.	61514.
46	21149.	9112.	0.	0.	9112.	1998.7	43237.	52349.
47	18683.	9207.	0.	7822.	17029.	2000.0	30517.	47546.
48	22728.	9521.	0.	13207.	22728.	2000.0	30786.	53514.
49	15528.	9783.	0.	5745.	15528.	2000.0	29672.	45200.
50	9607.	9988.	0.	0.	9988.	1999.7	17393.	27381.
51	8465.	10233.	0.	0.	10233.	1998.4	13106.	23339.
52	9728.	10420.	0.	0.	10420.	1997.8	12197.	22617.

TABLE 13

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5680.	0.	0.	5680.	1982.4	62998.	68678.
2	4029.	5343.	0.	0.	5343.	1981.4	62585.	67928.
3	3518.	4427.	0.	0.	4427.	1980.7	48402.	52829.
4	2007.	4185.	0.	0.	4185.	1979.1	33225.	37410.
5	1248.	4657.	0.	0.	4657.	1976.5	20455.	25112.
6	1176.	5170.	0.	0.	5170.	1973.5	14967.	20137.
7	1103.	5664.	0.	0.	5664.	1970.0	16309.	21973.
8	1042.	6175.	0.	0.	6175.	1966.1	10985.	17160.
9	994.	6690.	0.	0.	6690.	1961.8	9906.	16596.
10	903.	7425.	0.	0.	7425.	1956.9	10221.	17646.
11	903.	7840.	0.	0.	7840.	1951.7	9981.	17821.
12	903.	7514.	0.	0.	7514.	1946.1	7657.	15171.
13	903.	6813.	0.	0.	6813.	1940.8	7123.	13936.
14	828.	6318.	0.	0.	6318.	1936.0	6414.	12732.
15	812.	6323.	0.	0.	6323.	1931.1	6230.	12553.
16	812.	6345.	0.	0.	6345.	1926.2	7205.	13550.
17	812.	6354.	0.	0.	6354.	1921.3	7413.	13767.
18	757.	6363.	0.	0.	6363.	1916.3	8334.	14697.
19	667.	6424.	0.	0.	6424.	1911.2	8461.	14885.
20	667.	6388.	0.	0.	6388.	1906.2	7614.	14002.
21	667.	6370.	0.	0.	6370.	1901.1	7740.	14110.
22	641.	6182.	0.	0.	6182.	1895.5	6477.	12659.
23	618.	5464.	0.	0.	5464.	1890.5	6308.	11772.
24	618.	5001.	0.	0.	5001.	1886.0	5821.	10822.
25	618.	4546.	0.	0.	4546.	1881.9	5500.	10046.
26	618.	4262.	0.	0.	4262.	1878.1	6089.	10351.
27	542.	4110.	0.	0.	4110.	1874.4	5401.	9511.
28	700.	3730.	0.	0.	3730.	1871.3	6713.	10443.
29	1071.	3330.	0.	0.	3330.	1868.9	7221.	10551.
30	1861.	2939.	0.	0.	2939.	1867.8	10373.	13312.
31	4923.	2361.	0.	0.	2361.	1870.5	21948.	24309.
32	14338.	2184.	0.	0.	2184.	1883.1	52702.	54886.
33	15945.	2900.	0.	0.	2900.	1896.6	51865.	54765.
34	7915.	4560.	0.	0.	4560.	1900.1	59134.	63694.
35	13828.	7420.	0.	0.	7420.	1905.8	54386.	61806.
36	26696.	9380.	0.	0.	9380.	1921.1	75720.	85100.
37	19247.	10915.	0.	0.	10915.	1928.5	95159.	106074.
38	12238.	10632.	0.	0.	10632.	1929.9	82477.	93109.
39	17232.	10315.	0.	0.	10315.	1936.0	104624.	114939.
40	18464.	9763.	0.	0.	9763.	1943.7	104693.	114456.
41	21682.	9517.	0.	0.	9517.	1953.8	125688.	135205.
42	20740.	9271.	0.	0.	9271.	1962.5	107963.	117234.
43	19074.	9116.	0.	0.	9116.	1970.1	87266.	96382.
44	17891.	9343.	0.	0.	9343.	1976.5	95290.	104633.
45	14413.	9260.	0.	0.	9260.	1980.4	104434.	113694.
46	15312.	9334.	0.	0.	9334.	1984.9	85469.	94803.
47	14985.	9403.	0.	0.	9403.	1989.2	86192.	95595.
48	21048.	9581.	0.	0.	9581.	1997.8	69142.	78723.
49	24531.	9832.	0.	11842.	21673.	2000.0	76023.	97697.
50	15237.	10010.	0.	5227.	15237.	2000.0	61836.	77073.
51	15738.	10240.	0.	5498.	15738.	2000.0	80725.	96463.
52	13323.	10396.	0.	2927.	13323.	2000.0	49337.	62660.

TABLE 13

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5680.	0.	0.	5680.	1982.4	62998.	68678.
2	4029.	5343.	0.	0.	5343.	1981.4	62585.	67928.
3	3518.	4427.	0.	0.	4427.	1980.7	48402.	52829.
4	2007.	4185.	0.	0.	4185.	1979.1	33225.	37410.
5	1248.	4657.	0.	0.	4657.	1976.5	20455.	25112.
6	1176.	5170.	0.	0.	5170.	1973.5	14967.	20137.
7	1103.	5664.	0.	0.	5664.	1970.0	16309.	21973.
8	1042.	6175.	0.	0.	6175.	1966.1	10985.	17160.
9	994.	6690.	0.	0.	6690.	1961.8	9906.	16596.
10	903.	7425.	0.	0.	7425.	1956.9	10221.	17646.
11	903.	7840.	0.	0.	7840.	1951.7	9981.	17821.
12	903.	7514.	0.	0.	7514.	1946.1	7657.	15171.
13	903.	6813.	0.	0.	6813.	1940.8	7123.	13936.
14	828.	6318.	0.	0.	6318.	1936.0	6414.	12732.
15	812.	6323.	0.	0.	6323.	1931.1	6230.	12553.
16	812.	6345.	0.	0.	6345.	1926.2	7205.	13550.
17	812.	6354.	0.	0.	6354.	1921.3	7413.	13767.
18	757.	6363.	0.	0.	6363.	1916.3	8334.	14697.
19	667.	6424.	0.	0.	6424.	1911.2	8461.	14885.
20	667.	6388.	0.	0.	6388.	1906.2	7614.	14002.
21	667.	6370.	0.	0.	6370.	1901.1	7740.	14110.
22	641.	6182.	0.	0.	6182.	1895.5	6477.	12659.
23	618.	5464.	0.	0.	5464.	1890.5	6308.	11772.
24	618.	5001.	0.	0.	5001.	1886.0	5821.	10822.
25	618.	4546.	0.	0.	4546.	1881.9	5500.	10046.
26	618.	4262.	0.	0.	4262.	1878.1	6089.	10351.
27	542.	4110.	0.	0.	4110.	1874.4	5401.	9511.
28	700.	3730.	0.	0.	3730.	1871.3	6713.	10443.
29	1071.	3330.	0.	0.	3330.	1868.9	7221.	10551.
30	1861.	2939.	0.	0.	2939.	1867.8	10373.	13312.
31	4923.	2361.	0.	0.	2361.	1870.5	21948.	24309.
32	14338.	2184.	0.	0.	2184.	1883.1	52702.	54886.
33	15945.	2900.	0.	0.	2900.	1896.6	51865.	54765.
34	7915.	4560.	0.	0.	4560.	1900.1	59134.	63694.
35	13828.	7420.	0.	0.	7420.	1905.8	54386.	61806.
36	26696.	9380.	0.	0.	9380.	1921.1	75720.	85100.
37	19247.	10915.	0.	0.	10915.	1928.5	95159.	106074.
38	12238.	10632.	0.	0.	10632.	1929.9	82477.	93109.
39	17232.	10315.	0.	0.	10315.	1936.0	104624.	114939.
40	18464.	9763.	0.	0.	9763.	1943.7	104693.	114456.
41	21682.	9517.	0.	0.	9517.	1953.8	125688.	135205.
42	20740.	9271.	0.	0.	9271.	1962.5	107963.	117234.
43	19074.	9116.	0.	0.	9116.	1970.1	87266.	96382.
44	17891.	9343.	0.	0.	9343.	1976.5	95290.	104633.
45	14413.	9260.	0.	0.	9260.	1980.4	104434.	113694.
46	15312.	9334.	0.	0.	9334.	1984.9	85469.	94803.
47	14985.	9403.	0.	0.	9403.	1989.2	86192.	95595.
48	21048.	9581.	0.	0.	9581.	1997.8	69142.	78723.
49	24531.	9832.	0.	11842.	21673.	2000.0	76023.	97697.
50	15237.	10010.	0.	5227.	15237.	2000.0	61836.	77073.
51	15738.	10240.	0.	5498.	15738.	2000.0	80725.	96463.
52	13323.	10396.	0.	2927.	13323.	2000.0	49337.	62660.

TABLE 13

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5680.	0.	0.	5680.	1982.4	62998.	68678.
2	4029.	5343.	0.	0.	5343.	1981.4	62585.	67928.
3	3518.	4427.	0.	0.	4427.	1980.7	48402.	52829.
4	2007.	4185.	0.	0.	4185.	1979.1	33225.	37410.
5	1248.	4657.	0.	0.	4657.	1976.5	20455.	25112.
6	1176.	5170.	0.	0.	5170.	1973.5	14967.	20137.
7	1103.	5664.	0.	0.	5664.	1970.0	16309.	21973.
8	1042.	6175.	0.	0.	6175.	1966.1	10985.	17160.
9	994.	6690.	0.	0.	6690.	1961.8	9906.	16596.
10	903.	7425.	0.	0.	7425.	1956.9	10221.	17646.
11	903.	7840.	0.	0.	7840.	1951.7	9981.	17821.
12	903.	7514.	0.	0.	7514.	1946.1	7657.	15171.
13	903.	6813.	0.	0.	6813.	1940.8	7123.	13936.
14	828.	6318.	0.	0.	6318.	1936.0	6414.	12732.
15	812.	6323.	0.	0.	6323.	1931.1	6230.	12553.
16	812.	6345.	0.	0.	6345.	1926.2	7205.	13550.
17	812.	6354.	0.	0.	6354.	1921.3	7413.	13767.
18	757.	6363.	0.	0.	6363.	1916.3	8334.	14697.
19	667.	6424.	0.	0.	6424.	1911.2	8461.	14885.
20	667.	6388.	0.	0.	6388.	1906.2	7614.	14002.
21	667.	6370.	0.	0.	6370.	1901.1	7740.	14110.
22	641.	6182.	0.	0.	6182.	1895.5	6477.	12659.
23	618.	5464.	0.	0.	5464.	1890.5	6308.	11772.
24	618.	5001.	0.	0.	5001.	1886.0	5821.	10822.
25	618.	4546.	0.	0.	4546.	1881.9	5500.	10046.
26	618.	4262.	0.	0.	4262.	1878.1	6089.	10351.
27	542.	4110.	0.	0.	4110.	1874.4	5401.	9511.
28	700.	3730.	0.	0.	3730.	1871.3	6713.	10443.
29	1071.	3330.	0.	0.	3330.	1868.9	7221.	10551.
30	1861.	2939.	0.	0.	2939.	1867.8	10373.	13312.
31	4923.	2361.	0.	0.	2361.	1870.5	21948.	24309.
32	14338.	2184.	0.	0.	2184.	1883.1	52702.	54886.
33	15945.	2900.	0.	0.	2900.	1896.6	51865.	54765.
34	7915.	4560.	0.	0.	4560.	1900.1	59134.	63694.
35	13828.	7420.	0.	0.	7420.	1905.8	54386.	61806.
36	26696.	9380.	0.	0.	9380.	1921.1	75720.	85100.
37	19247.	10915.	0.	0.	10915.	1928.5	95159.	106074.
38	12238.	10632.	0.	0.	10632.	1929.9	82477.	93109.
39	17232.	10315.	0.	0.	10315.	1936.0	104624.	114939.
40	18464.	9763.	0.	0.	9763.	1943.7	104693.	114456.
41	21682.	9517.	0.	0.	9517.	1953.8	125688.	135205.
42	20740.	9271.	0.	0.	9271.	1962.5	107963.	117234.
43	19074.	9116.	0.	0.	9116.	1970.1	87266.	96382.
44	17891.	9343.	0.	0.	9343.	1976.5	95290.	104633.
45	14413.	9260.	0.	0.	9260.	1980.4	104434.	113694.
46	15312.	9334.	0.	0.	9334.	1984.9	85469.	94803.
47	14985.	9403.	0.	0.	9403.	1989.2	86192.	95595.
48	21048.	9581.	0.	0.	9581.	1997.8	69142.	78723.
49	24531.	9832.	0.	11842.	21673.	2000.0	76023.	97697.
50	15237.	10010.	0.	5227.	15237.	2000.0	61836.	77073.
51	15738.	10240.	0.	5498.	15738.	2000.0	80725.	96463.
52	13323.	10396.	0.	2927.	13323.	2000.0	49337.	62660.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
1952 1	7559.	9940.	0.	0.	9940.	1998.2	42912.
2	5055.	7140.	0.	0.	7140.	1996.6	38732.
3	3674.	6720.	0.	0.	6720.	1994.3	33241.
4	2855.	6277.	0.	0.	6277.	1991.7	25185.
5	2793.	6985.	0.	0.	6985.	1988.6	22191.
6	2609.	7754.	0.	0.	7754.	1984.7	20310.
7	1928.	7080.	0.	0.	7080.	1980.8	17950.
8	1908.	7719.	0.	0.	7719.	1976.4	20265.
9	1761.	8362.	0.	0.	8362.	1971.4	21198.
10	1489.	9281.	0.	0.	9281.	1965.5	18496.
11	1489.	9800.	0.	0.	9800.	1959.2	19580.
12	1489.	9392.	0.	0.	9392.	1953.2	18862.
13	1489.	8516.	0.	0.	8516.	1947.5	17014.
14	1329.	9478.	0.	0.	9478.	1940.3	16079.
15	1299.	7904.	0.	0.	7904.	1934.5	14515.
16	1299.	7931.	0.	0.	7931.	1928.6	14677.
17	1299.	7943.	0.	0.	7943.	1922.7	14365.
18	1069.	7954.	0.	0.	7954.	1916.6	13641.
19	819.	8030.	0.	0.	8030.	1910.2	13211.
20	819.	7985.	0.	0.	7985.	1903.9	13089.
21	819.	7962.	0.	0.	7962.	1897.1	13257.
22	784.	7727.	0.	0.	7727.	1889.9	12943.
23	730.	6830.	0.	0.	6830.	1883.6	12159.
24	730.	5001.	0.	0.	5001.	1879.2	10292.
25	730.	4546.	0.	0.	4546.	1875.2	9499.
26	730.	4262.	0.	0.	4262.	1871.5	8622.
27	796.	4110.	0.	0.	4110.	1868.1	8056.
28	796.	3730.	0.	0.	3730.	1865.1	7154.
29	796.	3330.	0.	0.	3330.	1862.4	6541.
30	796.	2939.	0.	0.	2939.	1860.2	7260.
31	909.	2361.	0.	0.	2361.	1858.7	7348.
32	1132.	3618.	0.	0.	3618.	1856.1	16409.
33	1549.	5478.	0.	0.	5478.	1852.0	36707.
34	3357.	4871.	0.	0.	4871.	1850.5	49687.
35	16784.	3339.	0.	0.	3339.	1864.4	58967.
36	19892.	5360.	0.	0.	5360.	1879.5	77828.
37	28174.	6560.	0.	0.	6560.	1901.7	73244.
38	30555.	7360.	0.	0.	7360.	1922.2	79739.
39	27039.	9525.	0.	0.	9525.	1937.7	99136.
40	23527.	9674.	0.	0.	9674.	1950.0	99395.
41	16714.	9433.	0.	0.	9433.	1955.5	101376.
42	21361.	9232.	0.	0.	9232.	1964.7	105327.
43	23150.	9043.	0.	0.	9043.	1975.3	103608.
44	30727.	9142.	0.	0.	9142.	1991.7	101266.
45	19888.	8931.	0.	0.	8931.	2000.0	107055.
46	15618.	9040.	0.	6521.	15561.	2000.0	109179.
47	11855.	9174.	0.	2681.	11855.	2000.0	83115.
48	13935.	9481.	0.	4454.	13935.	2000.0	68168.
49	15561.	9783.	0.	5778.	15561.	2000.0	64785.
50	10522.	9987.	0.	535.	10522.	2000.0	57035.
51	9086.	10222.	0.	0.	10222.	1999.1	59074.
52	10876.	10395.	0.	0.	10395.	1999.6	75175.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8559.	9940.	0.	0.	9940.	1998.5	40769.	50709.
2	7982.	7140.	0.	0.	7140.	1999.1	41172.	48312.
3	5556.	6720.	0.	0.	6720.	1998.3	28524.	35244.
4	4049.	7323.	0.	0.	7323.	1995.8	20851.	28174.
5	3948.	8149.	0.	0.	8149.	1992.6	19393.	27542.
6	3377.	9047.	0.	0.	9047.	1988.3	20544.	29591.
7	2164.	8496.	0.	0.	8496.	1983.5	15934.	24430.
8	2652.	9263.	0.	0.	9263.	1978.5	13515.	22778.
9	1913.	8362.	0.	0.	8362.	1973.7	13847.	22209.
10	1250.	9281.	0.	0.	9281.	1967.6	10431.	19712.
11	1250.	9800.	0.	0.	9800.	1961.1	8319.	18119.
12	1250.	9392.	0.	0.	9392.	1955.0	10184.	19576.
13	1250.	8516.	0.	0.	8516.	1949.4	8467.	16983.
14	880.	9478.	0.	0.	9478.	1941.8	8684.	18162.
15	820.	9485.	0.	0.	9485.	1934.1	7429.	16914.
16	820.	7931.	0.	0.	7931.	1927.8	7738.	15669.
17	820.	7943.	0.	0.	7943.	1921.5	7741.	15684.
18	722.	7954.	0.	0.	7954.	1915.1	6835.	14789.
19	598.	8030.	0.	0.	8030.	1908.5	6892.	14922.
20	598.	7985.	0.	0.	7985.	1901.9	6773.	14758.
21	598.	7962.	0.	0.	7962.	1894.6	5769.	13731.
22	606.	7727.	0.	0.	7727.	1887.2	5427.	13154.
23	678.	5464.	0.	0.	5464.	1882.3	5421.	10885.
24	678.	5001.	0.	0.	5001.	1877.8	4606.	9607.
25	678.	4546.	0.	0.	4546.	1873.8	4374.	8920.
26	678.	4262.	0.	0.	4262.	1870.0	4662.	8924.
27	486.	4110.	0.	0.	4110.	1866.3	4655.	8765.
28	486.	3730.	0.	0.	3730.	1862.9	4886.	8616.
29	785.	3330.	0.	0.	3330.	1860.3	5262.	8592.
30	1308.	2939.	0.	0.	2939.	1858.6	7007.	9946.
31	10007.	2361.	0.	0.	2361.	1866.5	16001.	18362.
32	13666.	2184.	0.	0.	2184.	1878.4	24909.	27093.
33	12435.	3135.	0.	0.	3135.	1888.1	38898.	42033.
34	21448.	3040.	0.	0.	3040.	1906.1	54197.	57237.
35	16652.	5300.	0.	0.	5300.	1916.2	59454.	64754.
36	27821.	8040.	0.	0.	8040.	1933.7	56281.	64321.
37	21482.	10540.	0.	0.	10540.	1943.4	69935.	80475.
38	17488.	10197.	0.	0.	10197.	1949.9	76463.	86660.
39	20466.	9830.	0.	0.	9830.	1957.9	100572.	110402.
40	17377.	9311.	0.	0.	9311.	1964.0	96408.	105719.
41	15695.	9151.	0.	0.	9151.	1969.0	105411.	114562.
42	17070.	8995.	0.	0.	8995.	1975.1	106151.	115146.
43	17745.	8881.	0.	0.	8881.	1981.8	94176.	103057.
44	20931.	9088.	0.	0.	9088.	1990.8	115882.	124970.
45	17859.	8961.	0.	0.	8961.	1997.5	119173.	128134.
46	14312.	9042.	0.	1947.	10989.	2000.0	108785.	119774.
47	14731.	9187.	0.	5545.	14731.	2000.0	89215.	103946.
48	17519.	9497.	0.	8022.	17519.	2000.0	77389.	94908.
49	14058.	9776.	0.	4282.	14058.	2000.0	71699.	85757.
50	12806.	9998.	0.	2808.	12806.	2000.0	89036.	101842.
51	10679.	10216.	0.	463.	10679.	2000.0	128151.	138830.
52	8137.	10401.	0.	0.	10401.	1998.0	80179.	90580.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
1954 1	(CFS) 6126.	(CFS) 9940.	(CFS) 0.	(CFS) 0.	(CFS) 9940.	(FT) 1995.2	(CFS) 38642.	(CFS) 48582.
2	5080.	6120.	0.	0.	6120.	1994.4	43955.	50075.
3	3728.	5760.	0.	0.	5760.	1992.8	50431.	56191.
4	2971.	6277.	0.	0.	6277.	1990.3	35437.	41714.
5	1821.	6985.	0.	0.	6985.	1986.4	20541.	27526.
6	1738.	7754.	0.	0.	7754.	1981.9	20762.	28516.
7	1608.	7080.	0.	0.	7080.	1977.7	18067.	25147.
8	1497.	7719.	0.	0.	7719.	1973.0	14874.	22593.
9	1361.	8362.	0.	0.	8362.	1967.7	11131.	19493.
10	1174.	7425.	0.	0.	7425.	1963.0	9920.	17345.
11	1174.	7840.	0.	0.	7840.	1958.0	10934.	18774.
12	1174.	9392.	0.	0.	9392.	1951.7	9413.	18805.
13	1174.	8516.	0.	0.	8516.	1945.5	7726.	16242.
14	1120.	7898.	0.	0.	7898.	1939.5	8303.	16201.
15	1099.	7904.	0.	0.	7904.	1933.5	7980.	15884.
16	1099.	7931.	0.	0.	7931.	1927.5	7191.	15122.
17	1099.	7943.	0.	0.	7943.	1921.4	6242.	14185.
18	982.	7954.	0.	0.	7954.	1915.2	5730.	13684.
19	794.	8030.	0.	0.	8030.	1908.8	5797.	13827.
20	794.	7985.	0.	0.	7985.	1902.4	6214.	14199.
21	794.	7962.	0.	0.	7962.	1895.4	5815.	13777.
22	716.	7727.	0.	0.	7727.	1888.1	5911.	13638.
23	630.	5464.	0.	0.	5464.	1883.1	6352.	11816.
24	630.	5001.	0.	0.	5001.	1878.6	6027.	11028.
25	630.	4546.	0.	0.	4546.	1874.5	5352.	9898.
26	630.	4262.	0.	0.	4262.	1870.8	5428.	9690.
27	506.	4110.	0.	0.	4110.	1867.0	5337.	9447.
28	506.	3730.	0.	0.	3730.	1863.7	5083.	8813.
29	870.	3330.	0.	0.	3330.	1861.1	6103.	9433.
30	930.	2939.	0.	0.	2939.	1859.0	6578.	9517.
31	4308.	2361.	0.	0.	2361.	1861.1	29018.	31379.
32	8521.	2184.	0.	0.	2184.	1867.6	35898.	38082.
33	13802.	2320.	0.	0.	2320.	1879.6	46049.	48369.
34	15823.	3040.	0.	0.	3040.	1892.8	48972.	52012.
35	14807.	4240.	0.	0.	4240.	1903.2	47109.	51349.
36	19799.	6700.	0.	0.	6700.	1914.8	56842.	63542.
37	19022.	9840.	0.	0.	9840.	1923.0	57662.	67502.
38	18245.	10712.	0.	0.	10712.	1929.6	65034.	75746.
39	22178.	10263.	0.	0.	10263.	1940.2	88608.	98871.
40	19307.	9661.	0.	0.	9661.	1948.7	84650.	94311.
41	15396.	9469.	0.	0.	9469.	1953.4	85667.	95136.
42	14981.	9325.	0.	0.	9325.	1957.7	76759.	86084.
43	14981.	9246.	0.	0.	9246.	1962.0	69852.	79098.
44	24614.	9455.	0.	0.	9455.	1973.5	78052.	87507.
45	20049.	9278.	0.	0.	9278.	1981.6	87173.	96451.
46	20049.	9274.	0.	0.	9274.	1989.8	83027.	92301.
47	20049.	9271.	0.	0.	9271.	1997.9	78889.	88160.
48	18930.	9510.	0.	6696.	16206.	2000.0	60156.	76362.
49	11256.	9763.	0.	1493.	11256.	2000.0	42819.	54075.
50	9676.	9987.	0.	0.	9987.	1999.8	44660.	54647.
51	9025.	10227.	0.	0.	10227.	1998.9	63105.	73332.
52	5793.	10445.	0.	0.	10445.	1994.8	37695.	48140.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	4746.	8520.	0.	0.	8520.	1992.0	25730.	34250.
2	4461.	6120.	0.	0.	6120.	1990.7	31381.	37501.
3	3359.	5760.	0.	0.	5760.	1988.9	24990.	30750.
4	3359.	6277.	0.	0.	6277.	1986.7	23718.	29995.
5	2716.	5821.	0.	0.	5821.	1984.4	19929.	25750.
6	2156.	6462.	0.	0.	6462.	1981.1	16424.	22886.
7	2032.	7080.	0.	0.	7080.	1977.3	11131.	18211.
8	1796.	7719.	0.	0.	7719.	1972.8	9389.	17108.
9	1756.	8362.	0.	0.	8362.	1967.8	10817.	19179.
10	1657.	7425.	0.	0.	7425.	1963.4	7478.	14903.
11	1624.	9800.	0.	0.	9800.	1957.3	7388.	17188.
12	1431.	9392.	0.	0.	9392.	1951.2	8516.	17908.
13	1431.	8516.	0.	0.	8516.	1945.2	7288.	15804.
14	1546.	7898.	0.	0.	7898.	1939.5	7773.	15671.
15	1561.	7904.	0.	0.	7904.	1933.9	6813.	14717.
16	1338.	7931.	0.	0.	7931.	1928.1	6346.	14277.
17	1249.	7943.	0.	0.	7943.	1922.2	6372.	14315.
18	1179.	7954.	0.	0.	7954.	1916.2	6476.	14430.
19	1052.	8030.	0.	0.	8030.	1910.0	6549.	14579.
20	1052.	7985.	0.	0.	7985.	1903.8	6002.	13987.
21	1052.	7962.	0.	0.	7962.	1897.3	5824.	13786.
22	949.	7727.	0.	0.	7727.	1890.3	5800.	13527.
23	879.	6830.	0.	0.	6830.	1884.1	5861.	12691.
24	879.	5001.	0.	0.	5001.	1879.8	5394.	10395.
25	879.	4546.	0.	0.	4546.	1876.0	4588.	9134.
26	879.	4262.	0.	0.	4262.	1872.5	5193.	9455.
27	828.	4110.	0.	0.	4110.	1869.1	5527.	9637.
28	828.	3730.	0.	0.	3730.	1866.1	5335.	9065.
29	828.	3330.	0.	0.	3330.	1863.5	5246.	8576.
30	828.	2939.	0.	0.	2939.	1861.3	6695.	9634.
31	2519.	2361.	0.	0.	2361.	1861.5	12808.	15169.
32	3321.	2821.	0.	0.	2821.	1862.0	23698.	26519.
33	3882.	4625.	0.	0.	4625.	1861.2	51326.	55951.
34	11626.	3040.	0.	0.	3040.	1870.1	63750.	66790.
35	12771.	4240.	0.	0.	4240.	1879.0	72399.	76639.
36	17007.	5678.	0.	0.	5678.	1890.7	90576.	96254.
37	27727.	6560.	0.	0.	6560.	1910.8	78706.	85266.
38	30081.	7360.	0.	0.	7360.	1931.0	87409.	94769.
39	28168.	9525.	0.	0.	9525.	1947.5	102259.	111784.
40	29660.	9428.	0.	0.	9428.	1963.2	119830.	129258.
41	24776.	9100.	0.	0.	9100.	1975.0	138576.	147676.
42	19124.	8864.	0.	0.	8864.	1982.8	139197.	148061.
43	22869.	8701.	0.	0.	8701.	1993.5	131412.	140113.
44	20805.	8911.	0.	3288.	12199.	2000.0	104591.	116790.
45	19270.	8905.	0.	10365.	19270.	2000.0	111266.	130536.
46	19771.	9058.	0.	10713.	19771.	2000.0	114333.	134104.
47	24039.	9227.	0.	14812.	24039.	2000.0	83681.	107720.
48	34146.	9561.	0.	24000.	33561.	2000.4	49905.	83466.
49	17921.	9793.	0.	8713.	18506.	2000.0	57703.	76209.
50	13691.	10002.	0.	3689.	13691.	2000.0	69551.	83242.
51	11128.	10218.	0.	910.	11128.	2000.0	69744.	80872.
52	8763.	10396.	0.	0.	10396.	1998.6	70761.	81157.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6059.	9940.	0.	0.	9940.	1995.7	42012.	51952.
2	4461.	7140.	0.	0.	7140.	1993.6	48839.	55979.
3	3633.	5760.	0.	0.	5760.	1992.0	49324.	55084.
4	3129.	6277.	0.	0.	6277.	1989.6	37967.	44244.
5	2062.	6985.	0.	0.	6985.	1985.9	22374.	29359.
6	1721.	6462.	0.	0.	6462.	1982.3	16661.	23123.
7	1581.	7080.	0.	0.	7080.	1978.2	13735.	20815.
8	1393.	7719.	0.	0.	7719.	1973.4	12676.	20395.
9	1306.	8362.	0.	0.	8362.	1968.0	11104.	19466.
10	1027.	7425.	0.	0.	7425.	1963.2	8775.	16200.
11	1027.	9800.	0.	0.	9800.	1956.6	9791.	19591.
12	1027.	9392.	0.	0.	9392.	1950.2	8590.	17982.
13	1027.	8516.	0.	0.	8516.	1943.6	9527.	18043.
14	848.	7898.	0.	0.	7898.	1937.4	8590.	16488.
15	810.	7904.	0.	0.	7904.	1931.1	8268.	16172.
16	810.	7931.	0.	0.	7931.	1924.8	7201.	15132.
17	810.	6354.	0.	0.	6354.	1919.9	7301.	13655.
18	809.	6363.	0.	0.	6363.	1915.0	7527.	13890.
19	750.	6424.	0.	0.	6424.	1910.0	7199.	13623.
20	750.	6388.	0.	0.	6388.	1905.0	6902.	13290.
21	750.	6370.	0.	0.	6370.	1900.0	6551.	12921.
22	739.	6182.	0.	0.	6182.	1894.3	6417.	12599.
23	689.	5464.	0.	0.	5464.	1889.4	5547.	11011.
24	689.	5001.	0.	0.	5001.	1884.9	5497.	10498.
25	689.	4546.	0.	0.	4546.	1880.9	4624.	9170.
26	689.	4262.	0.	0.	4262.	1877.2	4758.	9020.
27	641.	4110.	0.	0.	4110.	1873.6	5292.	9402.
28	641.	3730.	0.	0.	3730.	1870.4	4621.	8351.
29	641.	3330.	0.	0.	3330.	1867.6	4841.	8171.
30	641.	2939.	0.	0.	2939.	1865.2	5996.	8935.
31	1798.	2361.	0.	0.	2361.	1864.6	10629.	12990.
32	8483.	2184.	0.	0.	2184.	1871.2	38346.	40530.
33	12106.	2320.	0.	0.	2320.	1881.3	42552.	44872.
34	24085.	3040.	0.	0.	3040.	1902.7	47915.	50955.
35	15966.	5300.	0.	0.	5300.	1912.1	77770.	83070.
36	27294.	8040.	0.	0.	8040.	1929.2	123303.	131343.
37	35522.	10501.	0.	0.	10501.	1951.2	130388.	140889.
38	26081.	9958.	0.	0.	9958.	1963.4	119171.	129129.
39	22994.	9520.	0.	0.	9520.	1973.6	115123.	124643.
40	24335.	8949.	0.	0.	8949.	1985.2	105033.	113982.
41	26536.	8670.	0.	0.	8670.	1998.7	114814.	123484.
42	26799.	8569.	0.	16518.	25087.	2000.0	112565.	137652.
43	26153.	8571.	0.	17582.	26153.	2000.0	96755.	122908.
44	24666.	8909.	0.	15757.	24666.	2000.0	101742.	126408.
45	22447.	8919.	0.	13528.	22447.	2000.0	101307.	123754.
46	20285.	9060.	0.	11225.	20285.	2000.0	93643.	113928.
47	16173.	9193.	0.	6980.	16173.	2000.0	62713.	78886.
48	13792.	9481.	0.	4312.	13792.	2000.0	48239.	62031.
49	11446.	9764.	0.	1682.	11446.	2000.0	35869.	47315.
50	16046.	10014.	0.	6033.	16046.	2000.0	41173.	57219.
51	15637.	10240.	0.	5397.	15637.	2000.0	62950.	78587.
52	10015.	10385.	0.	0.	10385.	1999.7	40526.	50911.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
1957 1	5279.	9940.	0.	0.	9940.	1996.2	36508.
2	5279.	7140.	0.	0.	7140.	1994.7	28505.
3	3583.	5760.	0.	0.	5760.	1993.1	23697.
4	3300.	6277.	0.	0.	6277.	1990.8	24656.
5	2789.	6985.	0.	0.	6985.	1987.7	23984.
6	2342.	7754.	0.	0.	7754.	1983.6	26538.
7	2247.	7080.	0.	0.	7080.	1979.9	23569.
8	2123.	7719.	0.	0.	7719.	1975.7	18693.
9	2035.	8362.	0.	0.	8362.	1970.9	17931.
10	1908.	9281.	0.	0.	9281.	1965.3	15454.
11	1852.	9800.	0.	0.	9800.	1959.3	15252.
12	1509.	9392.	0.	0.	9392.	1953.4	14625.
13	1509.	8516.	0.	0.	8516.	1947.7	14009.
14	1399.	9478.	0.	0.	9478.	1940.6	15139.
15	1378.	7904.	0.	0.	7904.	1934.8	13788.
16	1378.	7931.	0.	0.	7931.	1929.0	13897.
17	1378.	7943.	0.	0.	7943.	1923.2	13846.
18	1310.	7954.	0.	0.	7954.	1917.3	13866.
19	1193.	8030.	0.	0.	8030.	1911.2	14386.
20	1193.	7985.	0.	0.	7985.	1905.2	13575.
21	1193.	7962.	0.	0.	7962.	1899.1	14288.
22	1079.	7727.	0.	0.	7727.	1892.2	12934.
23	920.	6830.	0.	0.	6830.	1886.0	11789.
24	920.	6251.	0.	0.	6251.	1880.5	11189.
25	920.	5682.	0.	0.	5682.	1875.6	10392.
26	920.	4262.	0.	0.	4262.	1872.1	9045.
27	837.	4110.	0.	0.	4110.	1868.7	8478.
28	837.	3730.	0.	0.	3730.	1865.7	7717.
29	837.	3330.	0.	0.	3330.	1863.1	8088.
30	837.	2939.	0.	0.	2939.	1860.9	9681.
31	2452.	2361.	0.	0.	2361.	1861.0	14002.
32	4269.	2512.	0.	0.	2512.	1862.8	28615.
33	6969.	3569.	0.	0.	3569.	1866.4	52880.
34	15611.	3040.	0.	0.	3040.	1879.4	59634.
35	23050.	4240.	0.	0.	4240.	1899.0	90490.
36	31747.	5360.	0.	0.	5360.	1922.5	115892.
37	28053.	8200.	0.	0.	8200.	1940.1	109056.
38	24892.	10204.	0.	0.	10204.	1952.6	121075.
39	17043.	9798.	0.	0.	9798.	1958.1	105085.
40	19864.	9288.	0.	0.	9288.	1966.1	92818.
41	18252.	9091.	0.	0.	9091.	1973.0	99335.
42	20463.	8892.	0.	0.	8892.	1981.8	97340.
43	22198.	8724.	0.	0.	8724.	1992.0	87423.
44	17659.	8920.	0.	0.	8920.	1998.6	98481.
45	17664.	8903.	0.	6893.	15795.	2000.0	113165.
46	17568.	9048.	0.	8520.	17568.	2000.0	125555.
47	16111.	9193.	0.	6919.	16111.	2000.0	98941.
48	17804.	9499.	0.	8305.	17804.	2000.0	82600.
49	14143.	9777.	0.	4367.	14143.	2000.0	66069.
50	15435.	10011.	0.	5424.	15435.	2000.0	72590.
51	15008.	10237.	0.	4771.	15008.	2000.0	65488.
52	14415.	10401.	0.	4014.	14415.	2000.0	58491.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE (CFS) (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
1958 1	7628.	9940.	0.	0.	9940.	1998.3	36766.
2	6544.	7140.	0.	0.	7140.	1997.8	35171.
3	5337.	6720.	0.	0.	6720.	1996.8	25607.
4	5503.	7323.	0.	0.	7323.	1995.4	27265.
5	3997.	8149.	0.	0.	8149.	1992.2	33269.
6	3287.	7754.	0.	0.	7754.	1988.9	33803.
7	2815.	8496.	0.	0.	8496.	1984.6	28363.
8	2314.	9263.	0.	0.	9263.	1979.3	21934.
9	2637.	8362.	0.	0.	8362.	1975.0	23482.
10	2991.	9281.	0.	0.	9281.	1970.2	20743.
11	2551.	9800.	0.	0.	9800.	1964.7	17655.
12	1902.	11270.	0.	0.	11270.	1957.6	17730.
13	1544.	11922.	0.	0.	11922.	1949.8	19014.
14	1839.	11057.	0.	0.	11057.	1941.6	18696.
15	1614.	9485.	0.	0.	9485.	1934.6	16973.
16	1408.	7931.	0.	0.	7931.	1928.8	14821.
17	1332.	7943.	0.	0.	7943.	1923.0	14590.
18	1101.	7954.	0.	0.	7954.	1916.9	14365.
19	1152.	8030.	0.	0.	8030.	1910.8	13895.
20	1038.	7985.	0.	0.	7985.	1904.7	13396.
21	959.	7962.	0.	0.	7962.	1898.2	13709.
22	959.	7727.	0.	0.	7727.	1891.2	13537.
23	1024.	6830.	0.	0.	6830.	1885.2	12383.
24	1000.	6251.	0.	0.	6251.	1879.7	12384.
25	939.	4546.	0.	0.	4546.	1876.0	9262.
26	939.	4262.	0.	0.	4262.	1872.5	8405.
27	950.	4110.	0.	0.	4110.	1869.2	8820.
28	1063.	3730.	0.	0.	3730.	1866.5	8501.
29	1153.	3330.	0.	0.	3330.	1864.2	8618.
30	1398.	2939.	0.	0.	2939.	1862.6	8447.
31	3001.	2361.	0.	0.	2361.	1863.3	10022.
32	5917.	2184.	0.	0.	2184.	1867.1	14903.
33	8267.	3253.	0.	0.	3253.	1872.4	36775.
34	15742.	3040.	0.	0.	3040.	1885.5	51107.
35	16842.	4240.	0.	0.	4240.	1898.6	51052.
36	24642.	5642.	0.	0.	5642.	1915.6	56399.
37	24642.	8200.	0.	0.	8200.	1930.2	61866.
38	21247.	10472.	0.	0.	10472.	1939.8	73297.
39	19363.	10054.	0.	0.	10054.	1948.0	89749.
40	18442.	9509.	0.	0.	9509.	1955.1	93852.
41	18442.	9313.	0.	0.	9313.	1962.0	94522.
42	18442.	9124.	0.	0.	9124.	1969.0	85555.
43	18082.	8996.	0.	0.	8996.	1975.9	81065.
44	32829.	9116.	0.	0.	9116.	1993.8	96850.
45	23946.	8943.	0.	6826.	15769.	2000.0	103396.
46	17783.	9049.	0.	8734.	17783.	2000.0	105419.
47	14415.	9185.	0.	5230.	14415.	2000.0	82602.
48	9969.	9463.	0.	506.	9969.	2000.0	65000.
49	6605.	9779.	0.	0.	9779.	1997.6	48008.
50	6605.	10056.	0.	0.	10056.	1995.0	48690.
51	5128.	10355.	0.	0.	10355.	1991.0	48733.
52	5129.	10621.	0.	0.	10621.	1986.3	44307.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	7100.	0.	7100.	1984.4	25720.	32820.
2	4050.	5100.	0.	5100.	1983.6	24418.	29518.
3	3875.	4800.	0.	4800.	1982.9	24791.	29591.
4	2689.	5231.	0.	5231.	1981.0	24527.	29758.
5	2392.	5821.	0.	5821.	1978.4	17867.	23688.
6	2068.	6462.	0.	6462.	1975.1	16377.	22839.
7	1760.	5664.	0.	5664.	1972.1	11595.	17259.
8	1352.	6175.	0.	6175.	1968.5	8161.	14336.
9	1215.	6690.	0.	6690.	1964.3	8786.	15476.
10	797.	7425.	0.	7425.	1959.3	6526.	13951.
11	879.	7840.	0.	7840.	1954.0	6413.	14253.
12	1375.	7514.	0.	7514.	1949.3	6587.	14101.
13	1375.	6813.	0.	6813.	1944.5	7238.	14051.
14	1150.	6318.	0.	6318.	1939.9	6089.	12407.
15	1109.	7904.	0.	7904.	1933.9	6303.	14207.
16	1056.	7931.	0.	7931.	1927.8	6314.	14245.
17	1035.	7943.	0.	7943.	1921.7	6520.	14463.
18	1051.	7954.	0.	7954.	1915.6	6344.	14298.
19	1027.	8030.	0.	8030.	1909.4	6116.	14146.
20	984.	7985.	0.	7985.	1903.2	5545.	13530.
21	879.	7962.	0.	7962.	1896.4	5090.	13052.
22	797.	7727.	0.	7727.	1889.2	4379.	12106.
23	683.	6830.	0.	6830.	1882.8	4411.	11241.
24	683.	5001.	0.	5001.	1878.3	4476.	9477.
25	683.	4546.	0.	4546.	1874.3	4765.	9311.
26	683.	4262.	0.	4262.	1870.6	4740.	9002.
27	666.	4110.	0.	4110.	1867.0	4974.	9084.
28	666.	3730.	0.	3730.	1863.8	4770.	8500.
29	952.	3330.	0.	3330.	1861.3	5275.	8605.
30	999.	2939.	0.	2939.	1859.3	6618.	9557.
31	1801.	2361.	0.	2361.	1858.8	9038.	11399.
32	2951.	2408.	0.	2408.	1859.3	20792.	23200.
33	12604.	2320.	0.	2320.	1870.0	50003.	52323.
34	17856.	3040.	0.	3040.	1885.4	62616.	65656.
35	14298.	4240.	0.	4240.	1895.8	62969.	67209.
36	20496.	5360.	0.	5360.	1909.8	81653.	87013.
37	15311.	8200.	0.	8200.	1916.1	66332.	74532.
38	18247.	9200.	0.	9200.	1924.1	82448.	91648.
39	20418.	10433.	0.	10433.	1933.0	105194.	115627.
40	21688.	9799.	0.	9799.	1943.5	98023.	107822.
41	20819.	9528.	0.	9528.	1953.0	103053.	112581.
42	22556.	9274.	0.	9274.	1963.1	106777.	116051.
43	17816.	9115.	0.	9115.	1969.6	86443.	95558.
44	18373.	9347.	0.	9347.	1976.5	82706.	92053.
45	14392.	9261.	0.	9261.	1980.3	85955.	95216.
46	18474.	9312.	0.	9312.	1987.3	59365.	68677.
47	34121.	9315.	0.	7979.	2000.0	63931.	81224.
48	33290.	9564.	0.	23726.	2000.0	52860.	86150.
49	20953.	9808.	0.	11145.	2000.0	37769.	58722.
50	10824.	9989.	0.	835.	2000.0	27514.	38338.
51	8131.	10229.	0.	0.	1998.4	27508.	37737.
52	7669.	10437.	0.	0.	1996.0	17214.	27651.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	9940.	0.	9940.	1995.0	20496.	30436.
2	5896.	6120.	0.	6120.	1994.8	24096.	30216.
3	3243.	5760.	0.	5760.	1992.9	19583.	25343.
4	4051.	6277.	0.	6277.	1991.2	16374.	22651.
5	2692.	6985.	0.	6985.	1988.0	15313.	22298.
6	2292.	7754.	0.	7754.	1983.8	17542.	25296.
7	2194.	7080.	0.	7080.	1980.1	11609.	18689.
8	2064.	7719.	0.	7719.	1975.8	9594.	17313.
9	1962.	8362.	0.	8362.	1971.0	10540.	18902.
10	1656.	9281.	0.	9281.	1965.2	6899.	16180.
11	1656.	9800.	0.	9800.	1959.1	8234.	18034.
12	1656.	9392.	0.	9392.	1953.2	7473.	16865.
13	1656.	8516.	0.	8516.	1947.7	7329.	15845.
14	1541.	9478.	0.	9478.	1940.7	7825.	17303.
15	1523.	7904.	0.	7904.	1935.0	7183.	15087.
16	1360.	7931.	0.	7931.	1929.2	6758.	14689.
17	1295.	7943.	0.	7943.	1923.3	6703.	14646.
18	1227.	7954.	0.	7954.	1917.4	6814.	14768.
19	1175.	8030.	0.	8030.	1911.3	6742.	14772.
20	1152.	7985.	0.	7985.	1905.2	6951.	14936.
21	1097.	7962.	0.	7962.	1899.0	7526.	15488.
22	1062.	7727.	0.	7727.	1892.1	7956.	15683.
23	1041.	6830.	0.	6830.	1886.1	7953.	14783.
24	996.	6251.	0.	6251.	1880.6	6969.	13220.
25	882.	5682.	0.	5682.	1875.6	6752.	12434.
26	882.	4262.	0.	4262.	1872.1	7012.	11274.
27	694.	4110.	0.	4110.	1868.6	6579.	10689.
28	694.	3730.	0.	3730.	1865.4	6045.	9775.
29	910.	3330.	0.	3330.	1862.9	7116.	10446.
30	945.	2939.	0.	2939.	1860.9	8973.	11912.
31	4703.	2361.	0.	2361.	1863.3	28561.	30922.
32	6668.	3068.	0.	3068.	1867.0	61378.	64446.
33	12886.	4200.	0.	4200.	1876.0	69234.	73434.
34	20055.	3198.	0.	3198.	1893.5	63589.	66787.
35	20716.	4240.	0.	4240.	1909.1	73860.	78100.
36	11838.	6700.	0.	6700.	1913.6	84803.	91503.
37	12275.	9840.	0.	9840.	1915.8	74466.	84306.
38	12710.	10993.	0.	10993.	1917.3	88206.	99199.
39	13971.	10707.	0.	10707.	1920.2	101671.	112378.
40	19936.	10146.	0.	10146.	1928.9	107167.	117313.
41	14780.	9923.	0.	9923.	1933.2	104402.	114325.
42	17003.	9738.	0.	9738.	1939.6	106928.	116666.
43	23312.	8300.	0.	8300.	1952.5	147488.	155788.
44	26487.	8400.	0.	8400.	1966.2	172513.	180913.
45	20467.	9423.	0.	9423.	1974.5	156252.	165675.
46	18086.	9431.	0.	9431.	1981.1	170929.	180360.
47	17477.	9462.	0.	9462.	1987.1	117117.	126579.
48	16811.	9655.	0.	9655.	1992.5	85692.	95347.
49	14281.	9866.	0.	9866.	1995.9	58145.	68011.
50	22570.	10058.	0.	7056.	2000.0	75405.	92519.
51	15996.	10242.	0.	5755.	2000.0	73396.	89392.
52	11980.	10389.	0.	1591.	2000.0	94921.	106901.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK		WATANA INFLOW	TURBINE DISCHARGE	WATANA OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA- STA	TOTAL FLOW SUSITNA STA
		(CFS)	(CFS)	ENVIRON. RELEASE (CFS)	VALVE EXCESS RELEASE (CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961	1	9778.	9940.	0.	0.	9940.	1999.9	41927.	51867.
	2	7102.	7140.	0.	0.	7140.	1999.8	30623.	37763.
	3	5050.	6720.	0.	0.	6720.	1998.6	25710.	32430.
	4	3678.	7323.	0.	0.	7323.	1995.8	18847.	26170.
	5	2753.	8149.	0.	0.	8149.	1991.7	9921.	18070.
	6	2516.	7754.	0.	0.	7754.	1987.8	13021.	20775.
	7	2319.	8496.	0.	0.	8496.	1983.1	11129.	19625.
	8	2058.	7719.	0.	0.	7719.	1978.8	10755.	18474.
	9	2118.	8362.	0.	0.	8362.	1974.1	11388.	19750.
	10	2126.	9281.	0.	0.	9281.	1968.7	9586.	18867.
	11	2085.	9800.	0.	0.	9800.	1962.9	9064.	18864.
	12	1833.	9392.	0.	0.	9392.	1957.1	7648.	17040.
	13	1833.	10219.	0.	0.	10219.	1950.8	7447.	17666.
	14	1776.	11057.	0.	0.	11057.	1942.7	8081.	19138.
	15	1773.	9485.	0.	0.	9485.	1935.9	6640.	16125.
	16	1825.	7931.	0.	0.	7931.	1930.5	6902.	14833.
	17	1846.	7943.	0.	0.	7943.	1925.1	6970.	14913.
	18	1601.	7954.	0.	0.	7954.	1919.4	7275.	15229.
	19	1317.	8030.	0.	0.	8030.	1913.5	7765.	15795.
	20	1297.	7985.	0.	0.	7985.	1907.6	8294.	16279.
	21	1246.	7962.	0.	0.	7962.	1901.6	8654.	16616.
	22	1181.	7727.	0.	0.	7727.	1895.1	8048.	15775.
	23	1097.	6830.	0.	0.	6830.	1889.2	7158.	13988.
	24	1222.	6251.	0.	0.	6251.	1883.9	6545.	12796.
	25	1535.	5682.	0.	0.	5682.	1879.6	6650.	12332.
	26	1535.	5327.	0.	0.	5327.	1875.7	6303.	11630.
	27	1617.	5137.	0.	0.	5137.	1872.0	7289.	12426.
	28	1617.	4662.	0.	0.	4662.	1868.9	6529.	11191.
	29	1783.	4162.	0.	0.	4162.	1866.4	6884.	11046.
	30	1811.	3674.	0.	0.	3674.	1864.5	8417.	12091.
	31	5580.	2951.	0.	0.	2951.	1867.2	22594.	25545.
	32	10306.	2730.	0.	0.	2730.	1875.1	54511.	57241.
	33	17834.	2900.	0.	0.	2900.	1890.6	66241.	69141.
	34	16989.	3800.	0.	0.	3800.	1903.6	63665.	67465.
	35	15795.	6360.	0.	0.	6360.	1912.0	66330.	72690.
	36	14578.	9380.	0.	0.	9380.	1916.6	82687.	92067.
	37	23810.	10987.	0.	0.	10987.	1928.0	91920.	102907.
	38	29749.	10435.	0.	0.	10435.	1945.1	92374.	102809.
	39	24996.	9890.	0.	0.	9890.	1957.2	103582.	113472.
	40	18341.	9319.	0.	0.	9319.	1964.0	94666.	103985.
	41	19253.	9124.	0.	0.	9124.	1971.7	103516.	112640.
	42	19937.	8922.	0.	0.	8922.	1980.0	110456.	119378.
	43	20655.	8767.	0.	0.	8767.	1989.0	107824.	116591.
	44	22581.	8940.	0.	0.	8940.	1999.3	100060.	109000.
	45	23083.	8923.	0.	13291.	22214.	2000.0	114086.	136301.
	46	19710.	9058.	0.	10652.	19710.	2000.0	98850.	118560.
	47	18708.	9204.	0.	9504.	18708.	2000.0	92891.	111599.
	48	13842.	9481.	0.	4361.	13842.	2000.0	68281.	82123.
	49	9309.	9759.	0.	0.	9759.	1999.7	55513.	65272.
	50	10560.	9989.	0.	121.	10110.	2000.0	79903.	90013.
	51	10059.	10215.	0.	0.	10215.	1999.9	67704.	77919.
	52	10131.	10386.	0.	0.	10386.	1999.7	69217.	79603.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	8304.	9940.	0.	0.	9940.	1998.4	56414.	66354.
2	3663.	7140.	0.	0.	7140.	1995.8	37213.	44353.
3	3663.	6720.	0.	0.	6720.	1993.5	28196.	34916.
4	3663.	6277.	0.	0.	6277.	1991.5	30154.	36431.
5	2910.	6985.	0.	0.	6985.	1988.4	21866.	28851.
6	2187.	7754.	0.	0.	7754.	1984.2	19798.	27552.
7	2187.	7080.	0.	0.	7080.	1980.5	16453.	23533.
8	2187.	7719.	0.	0.	7719.	1976.3	14095.	21814.
9	2067.	8362.	0.	0.	8362.	1971.6	14561.	22923.
10	1742.	9281.	0.	0.	9281.	1965.9	10474.	19755.
11	1742.	9800.	0.	0.	9800.	1959.8	8792.	18592.
12	1742.	9392.	0.	0.	9392.	1954.0	7315.	16707.
13	1742.	8516.	0.	0.	8516.	1948.7	7595.	16111.
14	1645.	9478.	0.	0.	9478.	1941.7	7566.	17044.
15	1626.	9485.	0.	0.	9485.	1934.8	6779.	16264.
16	1626.	7931.	0.	0.	7931.	1929.2	6961.	14892.
17	1626.	7943.	0.	0.	7943.	1923.6	6858.	14801.
18	1462.	7954.	0.	0.	7954.	1917.8	6831.	14785.
19	1237.	8030.	0.	0.	8030.	1911.8	7200.	15230.
20	1237.	7985.	0.	0.	7985.	1905.8	7131.	15116.
21	1237.	7962.	0.	0.	7962.	1899.9	6502.	14464.
22	1207.	7727.	0.	0.	7727.	1893.1	6204.	13931.
23	1174.	6830.	0.	0.	6830.	1887.2	5835.	12665.
24	1174.	6251.	0.	0.	6251.	1882.0	5698.	11949.
25	1174.	5682.	0.	0.	5682.	1877.3	5545.	11227.
26	1174.	5327.	0.	0.	5327.	1873.0	6342.	11669.
27	1335.	5137.	0.	0.	5137.	1869.0	6133.	11270.
28	1335.	4662.	0.	0.	4662.	1865.6	6532.	11194.
29	1335.	4162.	0.	0.	4162.	1862.6	7988.	12150.
30	1335.	3674.	0.	0.	3674.	1860.2	8634.	12308.
31	3165.	2951.	0.	0.	2951.	1860.4	17375.	20326.
32	3896.	3396.	0.	0.	3396.	1860.9	17047.	20443.
33	10571.	4357.	0.	0.	4357.	1867.4	42317.	46674.
34	15580.	3800.	0.	0.	3800.	1879.6	53929.	57729.
35	25042.	5300.	0.	0.	5300.	1900.1	60021.	65321.
36	25502.	6700.	0.	0.	6700.	1916.7	70294.	76994.
37	49464.	9840.	0.	0.	9840.	1951.6	78111.	87951.
38	42296.	9815.	0.	0.	9815.	1976.1	83551.	93366.
39	29941.	9209.	0.	0.	9209.	1991.8	101478.	110687.
40	24659.	8669.	0.	5183.	13852.	2000.0	112931.	126783.
41	24076.	8599.	0.	15477.	24076.	2000.0	128211.	152287.
42	20979.	8542.	0.	12437.	20979.	2000.0	140984.	161963.
43	24659.	8565.	0.	16094.	24659.	2000.0	156019.	180678.
44	22051.	8898.	0.	13153.	22051.	2000.0	134363.	156414.
45	19487.	8906.	0.	10581.	19487.	2000.0	98623.	118110.
46	19487.	9057.	0.	10430.	19487.	2000.0	97274.	116761.
47	19487.	9207.	0.	10280.	19487.	2000.0	88115.	107602.
48	19844.	9508.	0.	10336.	19844.	2000.0	87181.	107025.
49	18961.	9799.	0.	9162.	18961.	2000.0	62664.	81625.
50	11972.	9994.	0.	1978.	11972.	2000.0	54051.	66023.
51	9699.	10218.	0.	0.	10218.	1999.6	49389.	59607.
52	9763.	10395.	0.	0.	10395.	1999.1	41111.	51506.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	7677.	9940.	0.	0.	9940.	1997.3	23501.	33441.
2	5846.	7140.	0.	0.	7140.	1996.4	18502.	25642.
3	5094.	6720.	0.	0.	6720.	1995.1	17423.	24143.
4	4603.	7323.	0.	0.	7323.	1993.1	18619.	25942.
5	3273.	6985.	0.	0.	6985.	1990.3	11246.	18231.
6	2427.	7754.	0.	0.	7754.	1986.2	12423.	20177.
7	2427.	8496.	0.	0.	8496.	1981.7	7725.	16221.
8	2427.	7719.	0.	0.	7719.	1977.7	6428.	14147.
9	2243.	8362.	0.	0.	8362.	1973.0	6532.	14894.
10	1684.	9281.	0.	0.	9281.	1967.3	7039.	16320.
11	1684.	9800.	0.	0.	9800.	1961.1	7794.	17594.
12	1684.	9392.	0.	0.	9392.	1955.3	8224.	17616.
13	1684.	10219.	0.	0.	10219.	1948.7	8177.	18396.
14	1346.	9478.	0.	0.	9478.	1941.5	7819.	17297.
15	1303.	9485.	0.	0.	9485.	1934.2	7122.	16607.
16	1303.	7931.	0.	0.	7931.	1928.3	6959.	14890.
17	1303.	7943.	0.	0.	7943.	1922.5	6693.	14636.
18	1284.	7954.	0.	0.	7954.	1916.5	6067.	14021.
19	1203.	8030.	0.	0.	8030.	1910.5	6053.	14083.
20	1203.	7985.	0.	0.	7985.	1904.5	5973.	13958.
21	1203.	7962.	0.	0.	7962.	1898.2	5536.	13498.
22	1015.	7727.	0.	0.	7727.	1891.3	5861.	13588.
23	870.	6830.	0.	0.	6830.	1885.1	5532.	12362.
24	870.	6251.	0.	0.	6251.	1879.5	5531.	11782.
25	870.	4546.	0.	0.	4546.	1875.7	5283.	9829.
26	870.	4262.	0.	0.	4262.	1872.2	5085.	9347.
27	680.	4110.	0.	0.	4110.	1868.6	5119.	9229.
28	680.	3730.	0.	0.	3730.	1865.4	4480.	8210.
29	680.	3330.	0.	0.	3330.	1862.7	4336.	7666.
30	680.	2939.	0.	0.	2939.	1860.4	4959.	7898.
31	2138.	2361.	0.	0.	2361.	1860.1	5976.	8337.
32	2871.	3471.	0.	0.	3471.	1859.5	17712.	21183.
33	16185.	3014.	0.	0.	3014.	1873.2	52142.	55156.
34	26173.	3040.	0.	0.	3040.	1897.2	53841.	56881.
35	29395.	5300.	0.	0.	5300.	1918.9	74869.	80169.
36	20039.	8040.	0.	0.	8040.	1929.6	89052.	97092.
37	20039.	10663.	0.	0.	10663.	1937.9	65943.	76606.
38	20039.	10301.	0.	0.	10301.	1946.5	86173.	96474.
39	20039.	9903.	0.	0.	9903.	1954.7	96064.	105967.
40	25591.	9314.	0.	0.	9314.	1967.0	103531.	112845.
41	33081.	8964.	0.	0.	8964.	1985.2	126219.	135183.
42	31343.	8629.	0.	3185.	11814.	2000.0	150626.	162441.
43	26765.	8573.	0.	18192.	26765.	2000.0	102428.	129193.
44	24772.	8909.	0.	15863.	24772.	2000.0	90645.	115417.
45	22882.	8921.	0.	13961.	22882.	2000.0	81989.	104871.
46	19853.	9058.	0.	10795.	19853.	2000.0	84265.	104118.
47	20996.	9214.	0.	11782.	20996.	2000.0	85677.	106673.
48	17689.	9498.	0.	8191.	17689.	2000.0	66782.	84471.
49	13124.	9772.	0.	3352.	13124.	2000.0	61161.	74285.
50	11736.	9993.	0.	1743.	11736.	2000.0	59293.	71029.
51	9384.	10220.	0.	0.	10220.	1999.4	55707.	65927.
52	8325.	10412.	0.	0.	10412.	1997.6	46671.	57083.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	CONVEYANCE RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	9940.	0.	0.	9940.	1995.5	38258.	48198.
2	6067.	6120.	0.	0.	6120.	1995.5	29438.	35558.
3	4963.	5760.	0.	0.	5760.	1994.9	24980.	30740.
4	3760.	6277.	0.	0.	6277.	1992.9	16824.	23101.
5	2277.	6985.	0.	0.	6985.	1989.4	13807.	20792.
6	2037.	7754.	0.	0.	7754.	1985.1	11937.	19691.
7	1803.	8496.	0.	0.	8496.	1980.0	10058.	18554.
8	1489.	7719.	0.	0.	7719.	1975.3	6308.	14027.
9	1454.	8362.	0.	0.	8362.	1970.1	6005.	14367.
10	1358.	9281.	0.	0.	9281.	1964.1	5168.	14449.
11	1311.	9800.	0.	0.	9800.	1957.6	5171.	14971.
12	1038.	9392.	0.	0.	9392.	1951.3	5260.	14652.
13	1038.	8516.	0.	0.	8516.	1944.9	6118.	14634.
14	913.	7898.	0.	0.	7898.	1938.7	6866.	14764.
15	888.	7904.	0.	0.	7904.	1932.5	7296.	15200.
16	830.	7931.	0.	0.	7931.	1926.2	7351.	15282.
17	807.	7943.	0.	0.	7943.	1919.9	7502.	15445.
18	816.	6363.	0.	0.	6363.	1915.0	6575.	12938.
19	818.	6424.	0.	0.	6424.	1910.0	6197.	12621.
20	802.	6388.	0.	0.	6388.	1905.1	6242.	12630.
21	760.	6370.	0.	0.	6370.	1900.1	5911.	12281.
22	696.	6182.	0.	0.	6182.	1894.5	5655.	11837.
23	612.	5464.	0.	0.	5464.	1889.4	5098.	10562.
24	588.	5001.	0.	0.	5001.	1884.8	4579.	9580.
25	524.	4546.	0.	0.	4546.	1880.7	4670.	9216.
26	524.	4262.	0.	0.	4262.	1876.8	4400.	8662.
27	588.	4110.	0.	0.	4110.	1873.1	4524.	8634.
28	588.	3730.	0.	0.	3730.	1869.9	4492.	8222.
29	637.	3330.	0.	0.	3330.	1867.1	4490.	7820.
30	646.	2939.	0.	0.	2939.	1864.7	5453.	8392.
31	524.	2361.	0.	0.	2361.	1862.8	5710.	8071.
32	521.	3478.	0.	0.	3478.	1859.7	14213.	17691.
33	699.	5299.	0.	0.	5299.	1854.9	29431.	34730.
34	1548.	4449.	0.	0.	4449.	1851.9	43003.	47452.
35	17791.	3339.	0.	0.	3339.	1866.9	50587.	53926.
36	66753.	5360.	0.	0.	5360.	1926.2	71184.	76544.
37	45845.	8200.	0.	0.	8200.	1958.1	67309.	75509.
38	38257.	9707.	0.	0.	9707.	1979.7	92187.	101894.
39	27669.	9157.	0.	0.	9157.	1993.7	109191.	118348.
40	22261.	8654.	0.	5294.	13948.	2000.0	86164.	100112.
41	22938.	8595.	0.	14344.	22938.	2000.0	105844.	128782.
42	21646.	8545.	0.	13101.	21646.	2000.0	105540.	127186.
43	14854.	8525.	0.	6329.	14854.	2000.0	93574.	108428.
44	16893.	8876.	0.	8017.	16893.	2000.0	95747.	112640.
45	15985.	8892.	0.	7094.	15985.	2000.0	91899.	107884.
46	12889.	9028.	0.	3861.	12889.	2000.0	86729.	99618.
47	13741.	9182.	0.	4559.	13741.	2000.0	88899.	102640.
48	11603.	9471.	0.	2132.	11603.	2000.0	60039.	71642.
49	8901.	9762.	0.	0.	9762.	1999.3	39135.	48897.
50	7255.	10018.	0.	0.	10018.	1997.3	32445.	42463.
51	7294.	10290.	0.	0.	10290.	1995.0	30931.	41221.
52	6247.	10522.	0.	0.	10522.	1991.3	29821.	40343.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	CONVEYANCE RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	5814.	8520.	0.	0.	8520.	1989.3	22124.	30644.
2	6506.	5100.	0.	0.	5100.	1990.3	32707.	37807.
3	4258.	4800.	0.	0.	4800.	1989.9	24297.	29097.
4	3387.	5231.	0.	0.	5231.	1988.5	21981.	27212.
5	2593.	5821.	0.	0.	5821.	1986.1	14123.	19944.
6	2408.	6462.	0.	0.	6462.	1983.0	13047.	19509.
7	2383.	7080.	0.	0.	7080.	1979.4	9713.	16793.
8	2656.	7719.	0.	0.	7719.	1975.6	9213.	16932.
9	1708.	8362.	0.	0.	8362.	1970.6	10562.	18924.
10	1175.	9281.	0.	0.	9281.	1964.5	8356.	17637.
11	1047.	9800.	0.	0.	9800.	1957.8	8311.	18111.
12	952.	9392.	0.	0.	9392.	1951.4	7912.	17304.
13	952.	8516.	0.	0.	8516.	1945.0	7672.	16188.
14	880.	7898.	0.	0.	7898.	1938.8	7089.	14987.
15	866.	7904.	0.	0.	7904.	1932.5	6843.	14747.
16	866.	7931.	0.	0.	7931.	1926.3	6763.	14694.
17	866.	7943.	0.	0.	7943.	1920.0	6106.	14049.
18	821.	6363.	0.	0.	6363.	1915.1	5527.	11890.
19	764.	6424.	0.	0.	6424.	1910.1	5943.	12367.
20	764.	6388.	0.	0.	6388.	1905.1	5940.	12328.
21	764.	6370.	0.	0.	6370.	1900.2	5704.	12074.
22	785.	6182.	0.	0.	6182.	1894.6	5287.	11469.
23	809.	5464.	0.	0.	5464.	1889.7	5208.	10672.
24	809.	5001.	0.	0.	5001.	1885.4	5152.	10153.
25	809.	4546.	0.	0.	4546.	1881.5	5331.	9877.
26	809.	4262.	0.	0.	4262.	1877.9	5373.	9635.
27	1050.	4110.	0.	0.	4110.	1874.8	5442.	9552.
28	1050.	3730.	0.	0.	3730.	1872.0	5368.	9098.
29	1324.	3330.	0.	0.	3330.	1869.9	6384.	9714.
30	1370.	2939.	0.	0.	2939.	1868.3	7362.	10301.
31	1702.	2361.	0.	0.	2361.	1867.6	19787.	22148.
32	4582.	3196.	0.	0.	3196.	1869.0	24134.	27330.
33	7973.	4602.	0.	0.	4602.	1872.5	56162.	60764.
34	14365.	3479.	0.	0.	3479.	1883.8	62922.	66401.
35	28598.	4240.	0.	0.	4240.	1907.8	77990.	82230.
36	18020.	6700.	0.	0.	6700.	1917.8	99363.	106063.
37	19249.	9840.	0.	0.	9840.	1926.1	76418.	86258.
38	18396.	10621.	0.	0.	10621.	1933.0	93352.	103973.
39	27076.	10131.	0.	0.	10131.	1948.0	117698.	127829.
40	25264.	9453.	0.	0.	9453.	1960.3	116567.	126020.
41	25478.	9153.	0.	0.	9153.	1972.6	135492.	144645.
42	23730.	8877.	0.	0.	8877.	1983.9	132559.	141436.
43	20581.	8697.	0.	0.	8697.	1992.8	94751.	103448.
44	18313.	8901.	0.	0.	8901.	2000.0	112635.	121536.
45	16343.	8893.	0.	7400.	16293.	2000.0	95596.	111889.
46	25247.	9082.	0.	16166.	25247.	2000.0	87671.	112918.
47	16925.	9196.	0.	7729.	16925.	2000.0	71289.	88214.
48	9394.	9461.	0.	0.	9461.	1999.9	57943.	67404.
49	14093.	9776.	0.	4250.	14026.	2000.0	54758.	68784.
50	17314.	10020.	0.	7295.	17314.	2000.0	53924.	71238.
51	15844.	10241.	0.	5603.	15844.	2000.0	71224.	87068.
52	18328.	10421.	0.	7907.	18328.	2000.0	83228.	101556.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	10948.	0.	0.	10948.	2000.0	47022.	57970.
2	6087.	7140.	0.	0.	7140.	1999.2	34794.	41934.
3	2852.	6720.	0.	0.	6720.	1996.3	37090.	43810.
4	2359.	7323.	0.	0.	7323.	1992.5	38936.	46259.
5	2043.	6985.	0.	0.	6985.	1988.8	29760.	36745.
6	1676.	7754.	0.	0.	7754.	1984.2	21291.	29045.
7	1481.	7080.	0.	0.	7080.	1980.0	17778.	24858.
8	1412.	7719.	0.	0.	7719.	1975.2	15819.	23538.
9	1361.	8362.	0.	0.	8362.	1969.9	12601.	20963.
10	1265.	9281.	0.	0.	9281.	1963.8	9387.	18668.
11	1223.	9800.	0.	0.	9800.	1957.3	6967.	16767.
12	1174.	9392.	0.	0.	9392.	1951.1	7806.	17198.
13	1129.	8516.	0.	0.	8516.	1944.8	7046.	15562.
14	1075.	7898.	0.	0.	7898.	1938.7	6725.	14623.
15	1062.	7904.	0.	0.	7904.	1932.7	6988.	14892.
16	1062.	7931.	0.	0.	7931.	1926.6	6909.	14840.
17	1062.	7943.	0.	0.	7943.	1920.5	7151.	15094.
18	1025.	6363.	0.	0.	6363.	1915.8	6973.	13336.
19	980.	6424.	0.	0.	6424.	1910.9	7149.	13573.
20	980.	6388.	0.	0.	6388.	1906.1	6673.	13061.
21	980.	6370.	0.	0.	6370.	1901.4	6975.	13345.
22	983.	6182.	0.	0.	6182.	1896.2	5673.	11855.
23	985.	5464.	0.	0.	5464.	1891.6	5591.	11055.
24	985.	5001.	0.	0.	5001.	1887.4	5283.	10284.
25	985.	4546.	0.	0.	4546.	1883.7	5509.	10055.
26	985.	4262.	0.	0.	4262.	1880.3	5702.	9964.
27	1091.	4110.	0.	0.	4110.	1877.2	4970.	9080.
28	1091.	3730.	0.	0.	3730.	1874.4	5404.	9134.
29	1432.	3330.	0.	0.	3330.	1872.5	5288.	8618.
30	1490.	2939.	0.	0.	2939.	1870.9	4878.	7817.
31	2210.	2361.	0.	0.	2361.	1870.8	3476.	5837.
32	2873.	2987.	0.	0.	2987.	1870.7	8305.	11292.
33	5322.	4122.	0.	0.	4122.	1871.9	32910.	37032.
34	10202.	3040.	0.	0.	3040.	1879.4	48783.	51823.
35	16017.	4240.	0.	0.	4240.	1891.6	39930.	44170.
36	37660.	5360.	0.	0.	5360.	1921.4	72231.	77591.
37	26954.	8200.	0.	0.	8200.	1938.0	83861.	92061.
38	22768.	10268.	0.	0.	10268.	1949.1	78304.	88572.
39	19214.	9856.	0.	0.	9856.	1956.3	94038.	103894.
40	15178.	9362.	0.	0.	9362.	1960.7	81359.	90721.
41	14458.	9228.	0.	0.	9228.	1964.7	97988.	107216.
42	15132.	9095.	0.	0.	9095.	1969.2	100287.	109382.
43	17122.	8998.	0.	0.	8998.	1975.4	122140.	131138.
44	22511.	9202.	0.	0.	9202.	1985.4	110050.	119252.
45	18320.	9058.	0.	0.	9058.	1992.5	132651.	141709.
46	15064.	9102.	0.	0.	9102.	1997.0	120400.	129502.
47	18252.	9211.	0.	5029.	14239.	2000.0	116223.	130462.
48	14606.	9484.	0.	5122.	14606.	2000.0	94421.	109027.
49	10023.	9757.	0.	266.	10023.	2000.0	76421.	86444.
50	9733.	9987.	0.	0.	9987.	1999.8	85999.	95986.
51	9623.	10222.	0.	0.	10222.	1999.4	130411.	140633.
52	7019.	10424.	0.	0.	10424.	1996.4	81528.	91952.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	WATANA OUTFLOW CONE VALVE ENVIRON. EXCESS RELEASE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	5525.	9940.	0.	0.	9940.	1993.1	61884.
2	3705.	6120.	0.	0.	6120.	1991.2	45763.
3	2802.	5760.	0.	0.	5760.	1989.0	28972.
4	1896.	6277.	0.	0.	6277.	1985.7	20742.
5	1290.	5821.	0.	0.	5821.	1982.3	12724.
6	1192.	6462.	0.	0.	6462.	1978.3	7963.
7	1192.	7080.	0.	0.	7080.	1973.8	8024.
8	1192.	7719.	0.	0.	7719.	1968.9	9264.
9	1173.	6690.	0.	0.	6690.	1964.7	7097.
10	1119.	7425.	0.	0.	7425.	1959.9	5458.
11	1119.	7840.	0.	0.	7840.	1954.9	5822.
12	1119.	7514.	0.	0.	7514.	1950.0	4808.
13	1119.	6813.	0.	0.	6813.	1945.0	4836.
14	1105.	7898.	0.	0.	7898.	1939.0	4381.
15	1106.	7904.	0.	0.	7904.	1932.9	4964.
16	1106.	7931.	0.	0.	7931.	1926.9	5533.
17	1106.	7943.	0.	0.	7943.	1920.8	5692.
18	1077.	7954.	0.	0.	7954.	1914.8	5885.
19	1037.	6424.	0.	0.	6424.	1910.0	6009.
20	1037.	6388.	0.	0.	6388.	1905.2	5766.
21	1037.	6370.	0.	0.	6370.	1900.5	5451.
22	965.	6182.	0.	0.	6182.	1895.2	5025.
23	882.	5464.	0.	0.	5464.	1890.4	4901.
24	882.	5001.	0.	0.	5001.	1886.2	5260.
25	882.	4546.	0.	0.	4546.	1882.4	4824.
26	882.	4262.	0.	0.	4262.	1878.9	4868.
27	771.	4110.	0.	0.	4110.	1875.4	5092.
28	771.	3730.	0.	0.	3730.	1872.3	4696.
29	790.	3330.	0.	0.	3330.	1869.7	3999.
30	910.	2939.	0.	0.	2939.	1867.6	4089.
31	1409.	2361.	0.	0.	2361.	1866.6	2431.
32	4044.	3115.	0.	0.	3115.	1867.6	6132.
33	14066.	2923.	0.	0.	2923.	1879.1	19451.
34	19680.	3040.	0.	0.	3040.	1896.4	28169.
35	23533.	5300.	0.	0.	5300.	1913.1	22486.
36	22187.	8040.	0.	0.	8040.	1925.6	41762.
37	29069.	10662.	0.	0.	10662.	1941.9	35354.
38	24227.	10170.	0.	0.	10170.	1953.7	54344.
39	23703.	9719.	0.	0.	9719.	1964.3	72652.
40	17634.	9180.	0.	0.	9180.	1970.7	75703.
41	17564.	9006.	0.	0.	9006.	1977.2	88806.
42	24423.	8786.	0.	0.	8786.	1989.0	95320.
43	28466.	8613.	0.	5302.	13915.	2000.0	89930.
44	21665.	8896.	0.	12769.	21665.	2000.0	93918.
45	20177.	8909.	0.	11268.	20177.	2000.0	103540.
46	44209.	9049.	0.	24000.	33049.	2007.1	112118.
47	24653.	9185.	0.	24000.	33185.	2001.7	85400.
48	16555.	9490.	0.	9693.	19183.	2000.0	74432.
49	23511.	9820.	0.	13691.	23511.	2000.0	67495.
50	13875.	10003.	0.	3872.	13875.	2000.0	67957.
51	10087.	10215.	0.	0.	10215.	1999.9	51249.
52	7666.	10407.	0.	0.	10407.	1997.5	48434.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	5636.	9940.	0.	0.	9940.	1994.3	38223.	48163.
2	4692.	6120.	0.	0.	6120.	1993.2	41498.	47618.
3	3669.	5760.	0.	0.	5760.	1991.6	27901.	33661.
4	2797.	6277.	0.	0.	6277.	1989.0	20711.	26988.
5	2340.	6985.	0.	0.	6985.	1985.5	16673.	23658.
6	1987.	6462.	0.	0.	6462.	1982.1	14020.	20482.
7	1881.	7080.	0.	0.	7080.	1978.2	8942.	16022.
8	1812.	7719.	0.	0.	7719.	1973.7	11506.	19225.
9	1780.	8362.	0.	0.	8362.	1968.7	11036.	19398.
10	1740.	9281.	0.	0.	9281.	1963.0	9109.	18390.
11	1740.	9800.	0.	0.	9800.	1956.9	7483.	17283.
12	1669.	9392.	0.	0.	9392.	1951.1	6883.	16275.
13	1657.	8516.	0.	0.	8516.	1945.2	6340.	14856.
14	1633.	7898.	0.	0.	7898.	1939.6	7039.	14937.
15	1634.	7904.	0.	0.	7904.	1934.1	7016.	14920.
16	1634.	7931.	0.	0.	7931.	1928.5	7066.	14997.
17	1611.	7943.	0.	0.	7943.	1922.9	7253.	15196.
18	1552.	7954.	0.	0.	7954.	1917.2	7029.	14983.
19	1561.	8030.	0.	0.	8030.	1911.5	7547.	15577.
20	1561.	7985.	0.	0.	7985.	1905.8	7424.	15409.
21	1561.	7962.	0.	0.	7962.	1900.1	6726.	14688.
22	1561.	7727.	0.	0.	7727.	1893.7	6555.	14282.
23	1560.	6830.	0.	0.	6830.	1888.3	6102.	12932.
24	1560.	6251.	0.	0.	6251.	1883.4	5590.	11841.
25	1560.	5682.	0.	0.	5682.	1879.1	6036.	11718.
26	1560.	5327.	0.	0.	5327.	1875.2	6386.	11713.
27	1544.	5137.	0.	0.	5137.	1871.5	5675.	10812.
28	1485.	4662.	0.	0.	4662.	1868.2	6483.	11145.
29	1556.	4162.	0.	0.	4162.	1865.5	8800.	12962.
30	1662.	3674.	0.	0.	3674.	1863.4	16187.	19861.
31	1787.	2951.	0.	0.	2951.	1862.2	41771.	44722.
32	2353.	3410.	0.	0.	3410.	1861.1	83239.	86649.
33	10464.	3378.	0.	0.	3378.	1868.4	74359.	77737.
34	27061.	3800.	0.	0.	3800.	1892.6	71412.	75212.
35	21911.	5300.	0.	0.	5300.	1908.4	106602.	111902.
36	21507.	8040.	0.	0.	8040.	1920.3	116102.	124142.
37	29938.	10801.	0.	0.	10801.	1937.3	141773.	152574.
38	30356.	10216.	0.	0.	10216.	1954.4	114387.	124603.
39	22099.	9718.	0.	0.	9718.	1963.7	101593.	111311.
40	24724.	9138.	0.	0.	9138.	1975.5	113822.	122960.
41	22504.	8877.	0.	0.	8877.	1985.8	124852.	133729.
42	21723.	8645.	0.	0.	8645.	1995.7	99822.	108467.
43	20991.	8562.	0.	6763.	15325.	2000.0	109976.	125301.
44	18324.	8882.	0.	9442.	18324.	2000.0	92781.	111105.
45	16541.	8894.	0.	7647.	16541.	2000.0	92493.	109034.
46	13759.	9032.	0.	4727.	13759.	2000.0	75757.	89516.
47	12436.	9177.	0.	3260.	12436.	2000.0	80807.	93243.
48	11024.	9468.	0.	1556.	11024.	2000.0	59621.	70645.
49	9099.	9761.	0.	0.	9761.	1999.5	42546.	52307.
50	9115.	10001.	0.	0.	10001.	1998.8	34949.	44950.
51	5821.	10270.	0.	0.	10270.	1995.5	28942.	39212.
52	4456.	10529.	0.	0.	10529.	1990.2	21644.	32173.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	8520.	0.	0.	8520.	1986.9	14384.	22904.
2	3593.	5223.	0.	0.	5223.	1985.7	10340.	15563.
3	2768.	4800.	0.	0.	4800.	1984.1	10431.	15231.
4	2457.	5231.	0.	0.	5231.	1982.0	7799.	13030.
5	2109.	5821.	0.	0.	5821.	1979.2	6630.	12451.
6	1631.	6462.	0.	0.	6462.	1975.6	6214.	12676.
7	1241.	5664.	0.	0.	5664.	1972.2	6886.	12550.
8	1087.	6175.	0.	0.	6175.	1968.4	7623.	13798.
9	901.	6690.	0.	0.	6690.	1964.0	7056.	13746.
10	809.	7425.	0.	0.	7425.	1959.0	5914.	13339.
11	767.	7840.	0.	0.	7840.	1953.7	5020.	12860.
12	724.	7514.	0.	0.	7514.	1948.3	4803.	12317.
13	687.	6813.	0.	0.	6813.	1942.8	5753.	12566.
14	658.	6318.	0.	0.	6318.	1937.8	7011.	13329.
15	640.	6323.	0.	0.	6323.	1932.8	6953.	13276.
16	598.	6345.	0.	0.	6345.	1927.7	6794.	13139.
17	598.	6354.	0.	0.	6354.	1922.6	6667.	13021.
18	598.	6363.	0.	0.	6363.	1917.5	6594.	12957.
19	587.	6424.	0.	0.	6424.	1912.3	6153.	12577.
20	599.	6388.	0.	0.	6388.	1907.2	5764.	12152.
21	630.	6370.	0.	0.	6370.	1902.1	5871.	12241.
22	630.	6182.	0.	0.	6182.	1896.7	5737.	11919.
23	655.	5464.	0.	0.	5464.	1891.7	5508.	10972.
24	673.	5001.	0.	0.	5001.	1887.2	5183.	10184.
25	709.	4546.	0.	0.	4546.	1883.3	5356.	9902.
26	732.	4262.	0.	0.	4262.	1879.6	5006.	9268.
27	779.	4110.	0.	0.	4110.	1876.1	4822.	8932.
28	919.	3730.	0.	0.	3730.	1873.2	4639.	8369.
29	1196.	3330.	0.	0.	3330.	1871.0	6702.	10032.
30	1696.	2939.	0.	0.	2939.	1869.7	10666.	13605.
31	2867.	2361.	0.	0.	2361.	1870.2	25762.	28123.
32	5116.	3103.	0.	0.	3103.	1872.3	75113.	78216.
33	9727.	4293.	0.	0.	4293.	1878.0	80283.	84576.
34	17064.	3040.	0.	0.	3040.	1892.5	79540.	82580.
35	10209.	4240.	0.	0.	4240.	1898.7	108256.	112496.
36	11525.	6725.	0.	0.	6725.	1903.2	99684.	106409.
37	14689.	6560.	0.	0.	6560.	1910.4	100421.	106981.
38	16092.	7360.	0.	0.	7360.	1918.1	113215.	120575.
39	14614.	7620.	0.	0.	7620.	1924.3	110687.	118307.
40	13051.	7128.	0.	0.	7128.	1929.5	105299.	112427.
41	16518.	6894.	0.	0.	6894.	1938.1	109217.	116111.
42	16974.	6860.	0.	0.	6860.	1947.0	102553.	109413.
43	14188.	7045.	0.	0.	7045.	1952.9	84496.	91541.
44	11668.	6720.	0.	0.	6720.	1956.6	96503.	103223.
45	12201.	6774.	0.	0.	6774.	1960.7	107622.	114396.
46	6318.	6919.	0.	0.	6919.	1960.3	69011.	75930.
47	5126.	7125.	0.	0.	7125.	1958.7	50185.	57310.
48	4792.	7199.	0.	0.	7199.	1956.9	48824.	56023.
49	5256.	6953.	0.	0.	6953.	1955.6	37446.	44399.
50	4595.	6084.	0.	0.	6084.	1954.5	35105.	41189.
51	3939.	6023.	0.	0.	6023.	1952.9	32501.	38524.
52	3308.	5607.	0.	0.	5607.	1950.9	26975.	32582.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	3018.	5078.	0.	0.	5078.	1949.3	24584.	29662.
2	2841.	5132.	0.	0.	5132.	1947.3	36402.	41534.
3	2489.	4240.	0.	0.	4240.	1945.7	30211.	34451.
4	1680.	3487.	0.	0.	3487.	1944.1	14322.	17809.
5	1432.	3667.	0.	0.	3667.	1942.1	13634.	17301.
6	1202.	4071.	0.	0.	4071.	1939.6	8939.	13010.
7	950.	4460.	0.	0.	4460.	1936.5	8157.	12617.
8	842.	4863.	0.	0.	4863.	1932.9	6795.	11658.
9	787.	5268.	0.	0.	5268.	1928.9	7032.	12300.
10	735.	5847.	0.	0.	5847.	1924.4	4999.	10846.
11	699.	6174.	0.	0.	6174.	1919.6	5031.	11205.
12	694.	5917.	0.	0.	5917.	1914.9	4766.	10683.
13	694.	5365.	0.	0.	5365.	1910.8	4728.	10093.
14	656.	4976.	0.	0.	4976.	1907.0	5632.	10608.
15	656.	4980.	0.	0.	4980.	1903.1	6060.	11040.
16	628.	4997.	0.	0.	4997.	1899.1	6339.	11336.
17	617.	5004.	0.	0.	5004.	1894.6	6062.	11066.
18	618.	5011.	0.	0.	5011.	1890.0	6262.	11273.
19	628.	5059.	0.	0.	5059.	1885.4	6406.	11465.
20	589.	5031.	0.	0.	5031.	1880.8	5990.	11021.
21	589.	5016.	0.	0.	5016.	1876.2	5902.	10918.
22	589.	4868.	0.	0.	4868.	1871.8	5893.	10761.
23	605.	4303.	0.	0.	4303.	1868.0	5723.	10026.
24	616.	3938.	0.	0.	3938.	1864.5	5447.	9385.
25	645.	3580.	0.	0.	3580.	1861.5	5364.	8944.
26	645.	3356.	0.	0.	3356.	1858.6	5227.	8583.
27	769.	3236.	0.	0.	3236.	1856.1	5352.	8588.
28	846.	2937.	0.	0.	2937.	1853.9	5402.	8339.
29	969.	2622.	0.	0.	2622.	1852.2	6076.	8698.
30	1176.	2315.	0.	0.	2315.	1851.0	7995.	10310.
31	1634.	1859.	0.	0.	1859.	1850.8	21963.	23822.
32	3900.	3286.	0.	0.	3286.	1851.4	38722.	42008.
33	13817.	3474.	0.	0.	3474.	1862.2	65200.	68674.
34	12474.	3717.	0.	0.	3717.	1871.2	78102.	81819.
35	15221.	4240.	0.	0.	4240.	1882.6	95531.	99771.
36	12989.	5360.	0.	0.	5360.	1890.6	101655.	107015.
37	12531.	6560.	0.	0.	6560.	1896.8	95515.	102075.
38	11864.	7360.	0.	0.	7360.	1901.2	103603.	110963.
39	19977.	7620.	0.	0.	7620.	1912.2	117316.	124936.
40	20089.	7128.	0.	0.	7128.	1923.6	129034.	136162.
41	16855.	6894.	0.	0.	6894.	1932.5	116723.	123617.
42	18059.	6691.	0.	0.	6691.	1942.5	120733.	127424.
43	17267.	6640.	0.	0.	6640.	1951.7	131016.	137656.
44	21606.	6720.	0.	0.	6720.	1962.9	126155.	132875.
45	18880.	6774.	0.	0.	6774.	1972.1	105853.	112627.
46	14586.	8548.	0.	0.	8548.	1976.6	104286.	112834.
47	16486.	8670.	0.	0.	8670.	1982.6	93197.	101867.
48	11350.	8932.	0.	0.	8932.	1984.4	74414.	83346.
49	9396.	7359.	0.	0.	7359.	1985.9	64561.	71920.
50	7477.	7505.	0.	0.	7505.	1985.9	53749.	61254.
51	7616.	7648.	0.	0.	7648.	1985.9	46761.	54409.
52	4244.	7120.	0.	0.	7120.	1983.4	29918.	37038.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	4991.	5680.	0.	0.	5680.	1982.9	19967.	25647.
2	4166.	4309.	0.	0.	4309.	1982.8	16956.	21265.
3	3393.	3840.	0.	0.	3840.	1982.4	15889.	19729.
4	2885.	4185.	0.	0.	4185.	1981.4	14172.	18357.
5	2923.	4657.	0.	0.	4657.	1980.1	12803.	17460.
6	2796.	5170.	0.	0.	5170.	1978.3	10892.	16062.
7	2543.	7080.	0.	0.	7080.	1974.9	10840.	17920.
8	2249.	7719.	0.	0.	7719.	1970.8	8798.	16517.
9	2013.	6690.	0.	0.	6690.	1967.2	8592.	15282.
10	1886.	7425.	0.	0.	7425.	1963.0	7234.	14659.
11	1761.	7840.	0.	0.	7840.	1958.4	6917.	14757.
12	1614.	9392.	0.	0.	9392.	1952.6	7071.	16463.
13	1446.	8516.	0.	0.	8516.	1946.7	6569.	15085.
14	1328.	7898.	0.	0.	7898.	1940.9	6725.	14623.
15	1188.	7904.	0.	0.	7904.	1935.0	7055.	14959.
16	1080.	7931.	0.	0.	7931.	1928.9	7286.	15217.
17	950.	7943.	0.	0.	7943.	1922.7	6958.	14901.
18	880.	7954.	0.	0.	7954.	1916.4	6431.	14385.
19	821.	8030.	0.	0.	8030.	1910.1	6036.	14066.
20	746.	7985.	0.	0.	7985.	1903.6	5316.	13301.
21	746.	7962.	0.	0.	7962.	1896.8	5087.	13049.
22	730.	7727.	0.	0.	7727.	1889.5	5299.	13026.
23	716.	6830.	0.	0.	6830.	1883.2	4853.	11683.
24	716.	5001.	0.	0.	5001.	1878.7	4524.	9525.
25	716.	4546.	0.	0.	4546.	1874.8	4422.	8968.
26	716.	4262.	0.	0.	4262.	1871.1	4149.	8411.
27	717.	4110.	0.	0.	4110.	1867.6	4483.	8593.
28	744.	3730.	0.	0.	3730.	1864.5	4780.	8510.
29	808.	3330.	0.	0.	3330.	1861.8	4536.	7866.
30	904.	2939.	0.	0.	2939.	1859.7	5326.	8265.
31	1098.	2361.	0.	0.	2361.	1858.4	5843.	8204.
32	1415.	3515.	0.	0.	3515.	1856.2	14669.	18184.
33	2087.	5287.	0.	0.	5287.	1852.9	36359.	41646.
34	3683.	4740.	0.	0.	4740.	1851.8	60055.	64795.
35	6558.	3844.	0.	0.	3844.	1854.6	66719.	70563.
36	19251.	5394.	0.	0.	5394.	1869.0	86567.	91961.
37	39740.	6560.	0.	0.	6560.	1902.9	77567.	84127.
38	24136.	7360.	0.	0.	7360.	1917.8	94920.	102280.
39	33340.	7620.	0.	0.	7620.	1940.6	148794.	156414.
40	21395.	8910.	0.	0.	8910.	1951.4	140003.	148913.
41	21771.	9363.	0.	0.	9363.	1960.8	139692.	149055.
42	25092.	9097.	0.	0.	9097.	1972.9	123879.	132976.
43	16325.	8933.	0.	0.	8933.	1978.5	86570.	95503.
44	20943.	9152.	0.	0.	9152.	1987.4	84281.	93433.
45	38945.	9032.	0.	13256.	22289.	2000.0	108345.	130634.
46	34819.	9101.	0.	24000.	33101.	2001.1	96855.	129956.
47	21352.	9213.	0.	13857.	23070.	2000.0	75643.	98713.
48	16880.	9494.	0.	7386.	16880.	2000.0	70467.	87347.
49	19170.	9800.	0.	9370.	19170.	2000.0	73114.	92284.
50	12233.	9995.	0.	2238.	12233.	2000.0	52509.	64742.
51	9251.	10221.	0.	0.	10221.	1999.3	49721.	59942.
52	8027.	10417.	0.	0.	10417.	1997.2	39094.	49511.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	9940.	0.	0.	9940.	1994.7	23091.	33031.
2	5931.	6120.	0.	0.	6120.	1994.5	28065.	34185.
3	4501.	5760.	0.	0.	5760.	1993.6	17651.	23411.
4	3711.	6277.	0.	0.	6277.	1991.7	14118.	20395.
5	3005.	6985.	0.	0.	6985.	1988.6	9578.	16563.
6	2717.	7754.	0.	0.	7754.	1984.8	9589.	17343.
7	2574.	8496.	0.	0.	8496.	1980.4	7924.	16420.
8	2430.	7719.	0.	0.	7719.	1976.4	6236.	13955.
9	2311.	8362.	0.	0.	8362.	1971.8	6307.	14669.
10	2016.	9281.	0.	0.	9281.	1966.3	5579.	14860.
11	2016.	9800.	0.	0.	9800.	1960.4	5063.	14863.
12	1860.	9392.	0.	0.	9392.	1954.7	6502.	15894.
13	1860.	8516.	0.	0.	8516.	1949.6	6405.	14921.
14	1790.	9478.	0.	0.	9478.	1942.8	6634.	16112.
15	1642.	9485.	0.	0.	9485.	1935.8	7824.	17309.
16	1642.	7931.	0.	0.	7931.	1930.3	6737.	14668.
17	1642.	7943.	0.	0.	7943.	1924.7	6804.	14747.
18	1643.	7954.	0.	0.	7954.	1919.1	6328.	14282.
19	1528.	8030.	0.	0.	8030.	1913.3	7043.	15073.
20	1465.	7985.	0.	0.	7985.	1907.6	6129.	14114.
21	1465.	7962.	0.	0.	7962.	1901.8	5822.	13784.
22	1403.	7727.	0.	0.	7727.	1895.6	4996.	12723.
23	1416.	6830.	0.	0.	6830.	1889.9	4962.	11792.
24	1351.	6251.	0.	0.	6251.	1884.9	4394.	10645.
25	1351.	5682.	0.	0.	5682.	1880.4	4678.	10360.
26	1329.	5327.	0.	0.	5327.	1876.2	5191.	10518.
27	1241.	5137.	0.	0.	5137.	1872.2	5534.	10671.
28	1241.	4662.	0.	0.	4662.	1868.6	5457.	10119.
29	1189.	4162.	0.	0.	4162.	1865.5	5647.	9809.
30	1241.	3674.	0.	0.	3674.	1863.0	5311.	8985.
31	2386.	2951.	0.	0.	2951.	1862.4	12097.	15048.
32	13753.	2730.	0.	0.	2730.	1873.9	33831.	36561.
33	13553.	2900.	0.	0.	2900.	1884.9	39649.	42549.
34	18894.	3800.	0.	0.	3800.	1900.5	49699.	53499.
35	31966.	6360.	0.	0.	6360.	1923.2	79829.	86189.
36	20142.	9380.	0.	0.	9380.	1932.7	93006.	102386.
37	35772.	10421.	0.	0.	10421.	1954.4	81172.	91593.
38	31327.	9843.	0.	0.	9843.	1970.7	87508.	97351.
39	21178.	9384.	0.	0.	9384.	1979.6	100486.	109870.
40	22096.	8850.	0.	0.	8850.	1989.6	102809.	111659.
41	22084.	8621.	0.	0.	8621.	1999.8	125378.	133999.
42	19683.	8537.	0.	10863.	19400.	2000.0	98956.	118357.
43	16050.	8530.	0.	7520.	16050.	2000.0	99685.	115735.
44	18343.	8882.	0.	9461.	18343.	2000.0	104834.	123177.
45	19675.	8907.	0.	10768.	19675.	2000.0	96246.	115921.
46	18045.	9051.	0.	8995.	18045.	2000.0	84582.	102627.
47	18653.	9204.	0.	9449.	18653.	2000.0	80898.	99551.
48	12473.	9475.	0.	2998.	12473.	2000.0	62867.	75340.
49	11598.	9765.	0.	1833.	11598.	2000.0	56740.	68338.
50	15857.	10013.	0.	5844.	15857.	2000.0	55985.	71842.
51	11686.	10221.	0.	1465.	11686.	2000.0	53083.	64769.
52	5278.	10426.	0.	0.	10426.	1995.5	31019.	41445.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	4296.	8520.	0.	0.	8520.	1992.4	17210.	25730.
2	3976.	6120.	0.	0.	6120.	1990.7	10696.	16816.
3	5515.	5760.	0.	0.	5760.	1990.5	30443.	36203.
4	4090.	6277.	0.	0.	6277.	1988.9	24841.	31118.
5	2727.	6985.	0.	0.	6985.	1985.7	22715.	29700.
6	2210.	6462.	0.	0.	6462.	1982.5	17013.	23475.
7	1887.	7080.	0.	0.	7080.	1978.5	12505.	19585.
8	1738.	7719.	0.	0.	7719.	1974.0	9139.	16858.
9	1519.	8362.	0.	0.	8362.	1968.8	9131.	17493.
10	1356.	9281.	0.	0.	9281.	1962.8	9078.	18359.
11	1210.	9800.	0.	0.	9800.	1956.3	8324.	18124.
12	1186.	9392.	0.	0.	9392.	1950.1	7490.	16882.
13	1186.	8516.	0.	0.	8516.	1943.7	6708.	15224.
14	1051.	7898.	0.	0.	7898.	1937.6	6916.	14814.
15	1026.	7904.	0.	0.	7904.	1931.5	6517.	14421.
16	1026.	7931.	0.	0.	7931.	1925.4	5974.	13905.
17	1026.	6354.	0.	0.	6354.	1920.7	5710.	12064.
18	1035.	6363.	0.	0.	6363.	1915.9	5526.	11889.
19	1008.	6424.	0.	0.	6424.	1911.1	5582.	12006.
20	1008.	6388.	0.	0.	6388.	1906.4	5384.	11772.
21	1008.	6370.	0.	0.	6370.	1901.6	5097.	11467.
22	929.	6182.	0.	0.	6182.	1896.5	5084.	11266.
23	868.	5464.	0.	0.	5464.	1891.7	4326.	9790.
24	868.	5001.	0.	0.	5001.	1887.4	4452.	9453.
25	868.	4546.	0.	0.	4546.	1883.6	4274.	8820.
26	868.	4262.	0.	0.	4262.	1880.1	4379.	8641.
27	879.	4110.	0.	0.	4110.	1876.7	4656.	8766.
28	879.	3730.	0.	0.	3730.	1873.8	3922.	7652.
29	879.	3330.	0.	0.	3330.	1871.2	3707.	7037.
30	929.	2939.	0.	0.	2939.	1869.1	5003.	7942.
31	1227.	2361.	0.	0.	2361.	1867.9	4306.	6667.
32	2355.	3669.	0.	0.	3669.	1866.6	15335.	19004.
33	8066.	4866.	0.	0.	4866.	1869.9	50764.	55630.
34	11109.	4438.	0.	0.	4438.	1876.8	51995.	56433.
35	13811.	4240.	0.	0.	4240.	1886.8	47398.	51638.
36	17385.	6171.	0.	0.	6171.	1898.4	61607.	67778.
37	28985.	6560.	0.	0.	6560.	1918.5	58834.	65394.
38	31344.	9200.	0.	0.	9200.	1938.1	103977.	113177.
39	20593.	10079.	0.	0.	10079.	1947.4	108850.	118929.
40	18980.	9516.	0.	0.	9516.	1955.0	96839.	106355.
41	18143.	9318.	0.	0.	9318.	1961.6	84582.	93900.
42	13728.	9166.	0.	0.	9166.	1965.1	73290.	82456.
43	14810.	9097.	0.	0.	9097.	1969.4	79977.	89074.
44	15752.	9372.	0.	0.	9372.	1974.2	76471.	85843.
45	18754.	9273.	0.	0.	9273.	1981.4	80847.	90120.
46	14942.	9317.	0.	0.	9317.	1985.7	62794.	72111.
47	19441.	9356.	0.	0.	9356.	1993.3	79084.	88440.
48	20593.	9532.	0.	2188.	11720.	2000.0	65434.	77154.
49	11210.	9763.	0.	1447.	11210.	2000.0	51477.	62687.
50	7823.	10001.	0.	0.	10001.	1998.4	56152.	66153.
51	6605.	10273.	0.	0.	10273.	1995.6	54404.	64677.
52	5366.	10518.	0.	0.	10518.	1991.1	43688.	54206.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	4607.	8520.	0.	0.	8520.	1988.2	34482.	43002.
2	3710.	5171.	0.	0.	5171.	1987.1	28098.	33269.
3	2558.	4800.	0.	0.	4800.	1985.4	20927.	25727.
4	1938.	5231.	0.	0.	5231.	1982.9	16047.	21278.
5	1693.	5821.	0.	0.	5821.	1979.7	15118.	20939.
6	1459.	6462.	0.	0.	6462.	1976.0	12243.	18705.
7	1344.	7080.	0.	0.	7080.	1971.6	8947.	16027.
8	1230.	6175.	0.	0.	6175.	1967.9	9072.	15247.
9	1129.	6690.	0.	0.	6690.	1963.7	9391.	16081.
10	1028.	7425.	0.	0.	7425.	1958.8	7554.	14979.
11	926.	7840.	0.	0.	7840.	1953.6	6685.	14525.
12	881.	7514.	0.	0.	7514.	1948.4	6988.	14502.
13	854.	6813.	0.	0.	6813.	1943.1	7659.	14472.
14	816.	6318.	0.	0.	6318.	1938.2	8065.	14383.
15	811.	6323.	0.	0.	6323.	1933.3	7489.	13812.
16	778.	6345.	0.	0.	6345.	1928.4	7410.	13755.
17	765.	6354.	0.	0.	6354.	1923.4	7322.	13676.
18	745.	6363.	0.	0.	6363.	1918.5	7260.	13623.
19	707.	6424.	0.	0.	6424.	1913.4	6947.	13371.
20	694.	6388.	0.	0.	6388.	1908.4	7482.	13870.
21	662.	6370.	0.	0.	6370.	1903.3	7524.	13894.
22	663.	6182.	0.	0.	6182.	1898.1	7275.	13457.
23	648.	5464.	0.	0.	5464.	1893.1	7571.	13035.
24	636.	5001.	0.	0.	5001.	1888.6	6678.	11679.
25	605.	4546.	0.	0.	4546.	1884.5	6387.	10933.
26	605.	4262.	0.	0.	4262.	1880.7	6392.	10654.
27	594.	4110.	0.	0.	4110.	1877.1	6187.	10297.
28	620.	3730.	0.	0.	3730.	1873.8	6150.	9880.
29	747.	3330.	0.	0.	3330.	1871.2	6623.	9953.
30	1189.	2939.	0.	0.	2939.	1869.4	10121.	13060.
31	2059.	2361.	0.	0.	2361.	1869.0	33047.	35408.
32	5341.	2755.	0.	0.	2755.	1871.7	68849.	71604.
33	9964.	3678.	0.	0.	3678.	1878.2	47639.	51317.
34	22246.	3040.	0.	0.	3040.	1898.2	56039.	59079.
35	25280.	5300.	0.	0.	5300.	1916.1	68500.	73800.
36	16013.	8040.	0.	0.	8040.	1923.2	66805.	74845.
37	13675.	10925.	0.	0.	10925.	1925.6	49782.	60707.
38	12785.	10705.	0.	0.	10705.	1927.5	63215.	73920.
39	13651.	10424.	0.	0.	10424.	1930.3	88341.	98765.
40	14383.	9942.	0.	0.	9942.	1934.3	78276.	88218.
41	17876.	9756.	0.	0.	9756.	1941.5	73313.	83069.
42	16396.	9560.	0.	0.	9560.	1947.5	73454.	83014.
43	15766.	9448.	0.	0.	9448.	1952.7	81190.	90638.
44	14730.	9733.	0.	0.	9733.	1956.4	76360.	86093.
45	15504.	8468.	0.	0.	8468.	1961.8	81405.	89873.
46	13265.	6838.	0.	0.	6838.	1966.6	76453.	83291.
47	10498.	6936.	0.	0.	6936.	1969.3	65855.	72791.
48	14244.	7146.	0.	0.	7146.	1974.7	72517.	79663.
49	13395.	7359.	0.	0.	7359.	1979.3	61820.	69179.
50	7511.	7505.	0.	0.	7505.	1979.3	48090.	55595.
51	7590.	7648.	0.	0.	7648.	1979.2	36670.	44318.
52	9984.	7120.	0.	0.	7120.	1981.7	32874.	39994.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- SUSITNA STA	TOTAL FLOW SUSITNA STA
			ENVIRON. RELEASE (CFS)	VALVE EXCESS RELEASE (CFS)				
	(CFS)	(CFS)			(CFS)	(FT)	(CFS)	(CFS)
1975 1	4537.	5680.	0.	0.	5680.	1980.8	21034.	26714.
2	4509.	5040.	0.	0.	5040.	1980.4	21062.	26102.
3	2402.	4488.	0.	0.	4488.	1978.8	14741.	19229.
4	1602.	4185.	0.	0.	4185.	1976.9	11684.	15869.
5	1468.	4657.	0.	0.	4657.	1974.5	9675.	14332.
6	1478.	5170.	0.	0.	5170.	1971.7	9522.	14692.
7	1478.	5664.	0.	0.	5664.	1968.5	8665.	14329.
8	1478.	6175.	0.	0.	6175.	1965.0	8522.	14697.
9	1461.	6690.	0.	0.	6690.	1961.0	8539.	15229.
10	1264.	7425.	0.	0.	7425.	1956.4	8522.	15947.
11	1264.	7840.	0.	0.	7840.	1951.4	8236.	16076.
12	1264.	7514.	0.	0.	7514.	1946.1	8022.	15536.
13	1264.	6813.	0.	0.	6813.	1941.2	7736.	14549.
14	1270.	6318.	0.	0.	6318.	1936.7	7730.	14048.
15	1203.	6323.	0.	0.	6323.	1932.2	7583.	13906.
16	1203.	6345.	0.	0.	6345.	1927.6	7297.	13642.
17	1203.	6354.	0.	0.	6354.	1923.0	7297.	13651.
18	1200.	6363.	0.	0.	6363.	1918.5	6800.	13163.
19	1123.	6424.	0.	0.	6424.	1913.8	6877.	13301.
20	1123.	6388.	0.	0.	6388.	1909.1	6877.	13265.
21	1081.	7962.	0.	0.	7962.	1903.0	6419.	14381.
22	1051.	7727.	0.	0.	7727.	1896.6	6449.	14176.
23	1040.	6830.	0.	0.	6830.	1890.6	5960.	12790.
24	1040.	6251.	0.	0.	6251.	1885.2	5960.	12211.
25	1040.	5682.	0.	0.	5682.	1880.4	5960.	11642.
26	1040.	5327.	0.	0.	5327.	1875.9	5960.	11287.
27	1036.	5137.	0.	0.	5137.	1871.7	5750.	10887.
28	1047.	4662.	0.	0.	4662.	1867.9	5453.	10115.
29	1142.	4162.	0.	0.	4162.	1864.8	5358.	9520.
30	1354.	3674.	0.	0.	3674.	1862.4	5932.	9606.
31	2133.	2951.	0.	0.	2951.	1861.5	7081.	10032.
32	5138.	2730.	0.	0.	2730.	1864.0	9433.	12163.
33	11291.	2900.	0.	0.	2900.	1872.7	23138.	26038.
34	17252.	3800.	0.	0.	3800.	1886.7	60777.	64577.
35	23081.	5300.	0.	0.	5300.	1904.4	89419.	94719.
36	30459.	8040.	0.	0.	8040.	1924.2	98970.	107010.
37	22880.	10778.	0.	0.	10778.	1935.0	87406.	98184.
38	28749.	10280.	0.	0.	10280.	1951.1	106680.	116960.
39	25700.	9759.	0.	0.	9759.	1963.2	115157.	124916.
40	23413.	9158.	0.	0.	9158.	1974.0	119444.	128602.
41	25455.	8885.	0.	0.	8885.	1986.5	127974.	136859.
42	24131.	8617.	0.	0.	8617.	1998.2	113726.	122343.
43	22076.	8559.	0.	11195.	19754.	2000.0	96353.	116107.
44	20265.	8890.	0.	11375.	20265.	2000.0	89878.	110143.
45	16199.	8892.	0.	7307.	16199.	2000.0	83372.	99571.
46	15474.	9039.	0.	6435.	15474.	2000.0	82826.	98300.
47	13658.	9182.	0.	4476.	13658.	2000.0	70956.	84614.
48	11762.	9471.	0.	2291.	11762.	2000.0	56224.	67986.
49	9359.	9759.	0.	0.	9759.	1999.7	52341.	62100.
50	15849.	10014.	0.	5436.	15449.	2000.0	73308.	88757.
51	14847.	10236.	0.	4611.	14847.	2000.0	79424.	94271.
52	12513.	10392.	0.	2121.	12513.	2000.0	57887.	70400.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	7559.	9940.	0.	0.	9940.	1998.2	37884.	47824.
2	6664.	7140.	0.	0.	7140.	1997.8	27136.	34276.
3	6139.	6720.	0.	0.	6720.	1997.4	25475.	32195.
4	3621.	7323.	0.	0.	7323.	1994.6	17808.	25131.
5	2720.	8149.	0.	0.	8149.	1990.5	13280.	21429.
6	1937.	7754.	0.	0.	7754.	1986.1	10349.	18103.
7	1475.	8496.	0.	0.	8496.	1980.8	7882.	16378.
8	1173.	7719.	0.	0.	7719.	1975.8	6470.	14189.
9	1011.	8362.	0.	0.	8362.	1970.3	5418.	13780.
10	925.	9281.	0.	0.	9281.	1963.9	5075.	14356.
11	890.	9800.	0.	0.	9800.	1957.2	5110.	14910.
12	855.	9392.	0.	0.	9392.	1950.8	5145.	14537.
13	809.	8516.	0.	0.	8516.	1944.1	5191.	13707.
14	778.	7898.	0.	0.	7898.	1937.7	5565.	13463.
15	778.	7904.	0.	0.	7904.	1931.4	5793.	13697.
16	750.	7931.	0.	0.	7931.	1925.1	6050.	13981.
17	739.	6354.	0.	0.	6354.	1920.1	5661.	12015.
18	741.	6363.	0.	0.	6363.	1915.1	5488.	11851.
19	746.	6424.	0.	0.	6424.	1910.1	5254.	11678.
20	746.	6388.	0.	0.	6388.	1905.1	4854.	11242.
21	746.	6370.	0.	0.	6370.	1900.1	4625.	10995.
22	726.	6182.	0.	0.	6182.	1894.5	4474.	10656.
23	687.	5464.	0.	0.	5464.	1889.5	4656.	10120.
24	687.	5001.	0.	0.	5001.	1885.0	4713.	9714.
25	687.	4546.	0.	0.	4546.	1881.0	4713.	9259.
26	687.	4262.	0.	0.	4262.	1877.3	4713.	8975.
27	644.	4110.	0.	0.	4110.	1873.7	4756.	8866.
28	675.	3730.	0.	0.	3730.	1870.6	4725.	8455.
29	839.	3330.	0.	0.	3330.	1868.0	4875.	8205.
30	1402.	2939.	0.	0.	2939.	1866.4	7598.	10537.
31	3440.	2361.	0.	0.	2361.	1867.5	42703.	45064.
32	9778.	2184.	0.	0.	2184.	1875.4	88308.	90492.
33	9397.	2320.	0.	0.	2320.	1882.7	57117.	59437.
34	9828.	3040.	0.	0.	3040.	1889.8	52886.	55926.
35	11375.	4240.	0.	0.	4240.	1897.2	51354.	55594.
36	23100.	5360.	0.	0.	5360.	1913.3	69729.	75089.
37	24887.	8200.	0.	0.	8200.	1928.1	96642.	104842.
38	17525.	10577.	0.	0.	10577.	1934.2	94046.	104623.
39	16928.	10208.	0.	0.	10208.	1940.2	97129.	107337.
40	16991.	9684.	0.	0.	9684.	1946.7	108866.	118550.
41	16954.	9497.	0.	0.	9497.	1952.8	103475.	112972.
42	16164.	9329.	0.	0.	9329.	1958.0	100407.	109736.
43	16576.	9228.	0.	0.	9228.	1963.5	90095.	99323.
44	20226.	9458.	0.	0.	9458.	1971.7	91117.	100575.
45	26317.	9267.	0.	0.	9267.	1984.6	92254.	101521.
46	19534.	9221.	0.	0.	9221.	1992.4	83123.	92344.
47	15004.	9258.	0.	0.	9258.	1996.7	75239.	84497.
48	10554.	9513.	0.	0.	9513.	1997.5	57146.	66659.
49	6302.	9828.	0.	0.	9828.	1994.8	36069.	45897.
50	5160.	10124.	0.	0.	10124.	1991.1	33554.	43678.
51	5190.	10440.	0.	0.	10440.	1987.1	47667.	58107.
52	5530.	8900.	0.	0.	8900.	1984.2	53920.	62820.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	3729.	5680.	0.	0.	5680.	1982.7	29171.	34851.
2	3045.	5102.	0.	0.	5102.	1981.2	26812.	31914.
3	2903.	4143.	0.	0.	4143.	1980.2	27097.	31240.
4	2576.	4185.	0.	0.	4185.	1979.0	27853.	32038.
5	2139.	4657.	0.	0.	4657.	1977.1	19861.	24518.
6	1963.	5170.	0.	0.	5170.	1974.7	16894.	22064.
7	1839.	5664.	0.	0.	5664.	1971.8	17447.	23111.
8	1736.	6175.	0.	0.	6175.	1968.4	15407.	21582.
9	2097.	6690.	0.	0.	6690.	1964.9	13474.	20164.
10	1902.	7425.	0.	0.	7425.	1960.8	12669.	20094.
11	1722.	7840.	0.	0.	7840.	1956.1	11707.	19547.
12	1583.	7514.	0.	0.	7514.	1951.7	10703.	18217.
13	1462.	8516.	0.	0.	8516.	1945.7	10252.	18768.
14	1442.	7898.	0.	0.	7898.	1940.0	10129.	18027.
15	1400.	7904.	0.	0.	7904.	1934.2	8743.	16647.
16	1326.	7931.	0.	0.	7931.	1928.4	8245.	16176.
17	1294.	7943.	0.	0.	7943.	1922.5	8206.	16149.
18	1257.	7954.	0.	0.	7954.	1916.5	8672.	16626.
19	1219.	8030.	0.	0.	8030.	1910.5	8138.	16168.
20	1197.	7985.	0.	0.	7985.	1904.5	7446.	15431.
21	1197.	7962.	0.	0.	7962.	1898.2	7589.	15551.
22	1156.	7727.	0.	0.	7727.	1891.4	6630.	14357.
23	1106.	6830.	0.	0.	6830.	1885.5	6037.	12867.
24	1106.	6251.	0.	0.	6251.	1880.1	5537.	11788.
25	1106.	5682.	0.	0.	5682.	1875.4	5394.	11076.
26	1106.	4262.	0.	0.	4262.	1872.1	5394.	9656.
27	1149.	4110.	0.	0.	4110.	1869.0	4994.	9104.
28	1149.	3730.	0.	0.	3730.	1866.4	4851.	8581.
29	1211.	3330.	0.	0.	3330.	1864.2	4789.	8119.
30	1272.	2939.	0.	0.	2939.	1862.4	5299.	8238.
31	1314.	2361.	0.	0.	2361.	1861.3	6900.	9261.
32	2267.	2810.	0.	0.	2810.	1860.8	15876.	18686.
33	8205.	2320.	0.	0.	2320.	1866.9	47952.	50272.
34	12588.	3040.	0.	0.	3040.	1876.8	75869.	78909.
35	19531.	4240.	0.	0.	4240.	1892.7	99298.	103538.
36	29414.	5360.	0.	0.	5360.	1915.1	128729.	134089.
37	38957.	8200.	0.	0.	8200.	1942.3	134043.	142243.
38	31928.	10095.	0.	0.	10095.	1959.9	140358.	150453.
39	28489.	9548.	0.	0.	9548.	1974.3	140082.	149630.
40	18502.	8977.	0.	0.	8977.	1981.5	130641.	139618.
41	20572.	8779.	0.	0.	8779.	1990.4	121714.	130493.
42	21740.	8570.	0.	461.	9031.	2000.0	128403.	137434.
43	18089.	8538.	0.	9551.	18089.	2000.0	116768.	134857.
44	19531.	8887.	0.	10644.	19531.	2000.0	116612.	136143.
45	18939.	8904.	0.	10035.	18939.	2000.0	114490.	133429.
46	17328.	9047.	0.	8281.	17328.	2000.0	116672.	134000.
47	17519.	9199.	0.	8320.	17519.	2000.0	116910.	134429.
48	11066.	9468.	0.	1598.	11066.	2000.0	78034.	89100.
49	8643.	9764.	0.	0.	9764.	1999.2	65014.	74778.
50	12235.	9998.	0.	1116.	11114.	2000.0	85394.	96508.
51	11736.	10221.	0.	1515.	11736.	2000.0	73035.	84771.
52	9877.	10386.	0.	0.	10386.	1999.6	71186.	81572.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	9940.	0.	0.	9940.	1997.2	49947.	59887.
2	6882.	7140.	0.	0.	7140.	1997.0	39832.	46972.
3	6046.	6720.	0.	0.	6720.	1996.5	27383.	34103.
4	4510.	7323.	0.	0.	7323.	1994.3	19490.	26813.
5	3355.	8149.	0.	0.	8149.	1990.7	15074.	23223.
6	2862.	7754.	0.	0.	7754.	1987.0	12424.	20178.
7	2578.	8496.	0.	0.	8496.	1982.5	9993.	18489.
8	2392.	7719.	0.	0.	7719.	1978.5	7665.	15384.
9	2223.	8362.	0.	0.	8362.	1973.9	17948.	26310.
10	2108.	9281.	0.	0.	9281.	1968.4	5806.	15087.
11	2015.	9800.	0.	0.	9800.	1962.5	5471.	15271.
12	1955.	9392.	0.	0.	9392.	1956.9	5388.	14780.
13	1808.	10219.	0.	0.	10219.	1950.6	5392.	15611.
14	1741.	11057.	0.	0.	11057.	1942.4	5288.	16345.
15	1641.	9485.	0.	0.	9485.	1935.5	5359.	14844.
16	1557.	7931.	0.	0.	7931.	1929.8	5443.	13374.
17	1496.	7943.	0.	0.	7943.	1924.1	5504.	13447.
18	1403.	7954.	0.	0.	7954.	1918.3	5397.	13351.
19	1285.	8030.	0.	0.	8030.	1912.3	5515.	13545.
20	1247.	7985.	0.	0.	7985.	1906.4	5553.	13538.
21	1247.	7962.	0.	0.	7962.	1900.4	5553.	13515.
22	1212.	7727.	0.	0.	7727.	1893.7	5388.	13115.
23	1258.	6830.	0.	0.	6830.	1887.9	5342.	12172.
24	1258.	6251.	0.	0.	6251.	1882.7	5342.	11593.
25	1258.	5682.	0.	0.	5682.	1878.2	5342.	11024.
26	1275.	5327.	0.	0.	5327.	1874.0	5282.	10609.
27	1251.	5137.	0.	0.	5137.	1869.9	5178.	10315.
28	1251.	4662.	0.	0.	4662.	1866.4	5206.	9868.
29	1251.	4162.	0.	0.	4162.	1863.4	5549.	9711.
30	1322.	3674.	0.	0.	3674.	1860.9	6392.	10066.
31	3355.	2951.	0.	0.	2951.	1861.3	9674.	12625.
32	11862.	3305.	0.	0.	3305.	1870.2	32424.	35729.
33	16195.	5052.	0.	0.	5052.	1881.8	43519.	48571.
34	10959.	5359.	0.	0.	5359.	1887.6	45912.	51271.
35	11660.	5300.	0.	0.	5300.	1894.2	51369.	56669.
36	13979.	6700.	0.	0.	6700.	1901.5	55735.	62435.
37	19417.	8200.	0.	0.	8200.	1911.4	75854.	84054.
38	16614.	9200.	0.	0.	9200.	1918.0	76915.	86115.
39	20703.	9525.	0.	0.	9525.	1927.9	91868.	101393.
40	19608.	8910.	0.	0.	8910.	1937.4	95535.	104445.
41	18215.	9683.	0.	0.	9683.	1944.9	100642.	110325.
42	18416.	9469.	0.	0.	9469.	1952.4	99441.	108910.
43	18064.	9330.	0.	0.	9330.	1959.0	99222.	108552.
44	16600.	9580.	0.	0.	9580.	1964.4	107400.	116980.
45	15674.	9498.	0.	0.	9498.	1969.0	104469.	113967.
46	14572.	9571.	0.	0.	9571.	1972.8	90442.	100013.
47	12160.	8670.	0.	0.	8670.	1975.4	81211.	89881.
48	8756.	7146.	0.	0.	7146.	1976.7	61887.	69033.
49	9287.	7359.	0.	0.	7359.	1978.1	62842.	70201.
50	8372.	7505.	0.	0.	7505.	1978.8	58328.	65833.
51	6293.	7648.	0.	0.	7648.	1977.8	45521.	53169.
52	4696.	7120.	0.	0.	7120.	1975.7	28292.	35412.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	4195.	5680.	0.	0.	5680.	1974.5	26805.	32485.
2	4701.	4632.	0.	0.	4632.	1974.6	40442.	45074.
3	3796.	3895.	0.	0.	3895.	1974.5	38204.	42099.
4	2849.	4185.	0.	0.	4185.	1973.5	29151.	33336.
5	2736.	4657.	0.	0.	4657.	1972.1	23835.	28492.
6	2368.	5170.	0.	0.	5170.	1969.9	17346.	22516.
7	1774.	5664.	0.	0.	5664.	1967.0	11655.	17319.
8	1558.	6175.	0.	0.	6175.	1963.5	8728.	14903.
9	1502.	6690.	0.	0.	6690.	1959.6	8355.	15045.
10	1483.	7425.	0.	0.	7425.	1955.1	8017.	15442.
11	1349.	7840.	0.	0.	7840.	1950.2	8151.	15991.
12	1214.	7514.	0.	0.	7514.	1944.6	8000.	15514.
13	1170.	6813.	0.	0.	6813.	1939.6	7830.	14643.
14	1185.	6318.	0.	0.	6318.	1935.1	7815.	14133.
15	1138.	6323.	0.	0.	6323.	1930.5	7862.	14185.
16	1138.	6345.	0.	0.	6345.	1925.9	7862.	14207.
17	1138.	6354.	0.	0.	6354.	1921.2	7362.	13716.
18	1059.	6363.	0.	0.	6363.	1916.5	7441.	13804.
19	1067.	6424.	0.	0.	6424.	1911.8	7076.	13500.
20	1067.	6388.	0.	0.	6388.	1907.1	6933.	13321.
21	1067.	6370.	0.	0.	6370.	1902.4	6647.	13017.
22	989.	6182.	0.	0.	6182.	1897.4	6440.	12622.
23	1113.	5464.	0.	0.	5464.	1892.9	5887.	11351.
24	1113.	5001.	0.	0.	5001.	1888.9	5887.	10888.
25	1113.	4546.	0.	0.	4546.	1885.3	5887.	10433.
26	1113.	4262.	0.	0.	4262.	1882.0	5887.	10149.
27	1064.	5137.	0.	0.	5137.	1877.8	5436.	10573.
28	1113.	4662.	0.	0.	4662.	1874.1	5673.	10335.
29	1228.	4162.	0.	0.	4162.	1871.1	6915.	11077.
30	1545.	3674.	0.	0.	3674.	1868.9	9812.	13486.
31	2451.	2951.	0.	0.	2951.	1868.3	20263.	23214.
32	4633.	3490.	0.	0.	3490.	1869.5	62510.	66000.
33	10811.	4811.	0.	0.	4811.	1875.8	77403.	82214.
34	17246.	4103.	0.	0.	4103.	1889.4	77125.	81228.
35	28470.	5300.	0.	0.	5300.	1911.5	98101.	103401.
36	25470.	8040.	0.	0.	8040.	1926.9	99530.	107570.
37	21379.	10721.	0.	0.	10721.	1936.4	94907.	105628.
38	19302.	10344.	0.	0.	10344.	1944.3	85555.	95899.
39	23880.	9916.	0.	0.	9916.	1955.7	109120.	119036.
40	22832.	9315.	0.	0.	9315.	1965.9	106311.	115626.
41	22584.	9062.	0.	0.	9062.	1976.1	113559.	122621.
42	27495.	8783.	0.	0.	8783.	1990.3	123791.	132574.
43	28100.	8607.	0.	6664.	15271.	2000.0	127329.	142600.
44	21732.	8896.	0.	12836.	21732.	2000.0	115839.	137571.
45	20346.	8910.	0.	11436.	20346.	2000.0	117940.	138286.
46	16431.	9044.	0.	7388.	16431.	2000.0	127283.	143714.
47	13993.	9183.	0.	4810.	13993.	2000.0	110150.	124143.
48	12415.	9474.	0.	2941.	12415.	2000.0	82042.	94457.
49	7911.	9769.	0.	0.	9769.	1998.6	50418.	60187.
50	7704.	10029.	0.	0.	10029.	1996.8	47696.	57725.
51	11339.	10268.	0.	0.	10268.	1997.6	80775.	91043.
52	8978.	10441.	0.	0.	10441.	1996.4	90972.	101413.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. RELEASE (CFS)	EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
1980 1	6672.	9940.	0.	0.	9940.	1993.9	59271.	69211.
2	8469.	6120.	0.	0.	6120.	1995.7	75431.	81551.
3	5948.	5760.	0.	0.	5760.	1995.8	49966.	55726.
4	4395.	6277.	0.	0.	6277.	1994.4	33834.	40111.
5	4084.	6985.	0.	0.	6985.	1992.2	35130.	42115.
6	3698.	7754.	0.	0.	7754.	1989.1	35131.	42885.
7	4120.	8496.	0.	0.	8496.	1985.8	32809.	41305.
8	2949.	9263.	0.	0.	9263.	1981.1	19337.	28600.
9	2811.	8362.	0.	0.	8362.	1976.9	16475.	24837.
10	2297.	9281.	0.	0.	9281.	1971.6	15060.	24341.
11	2069.	11760.	0.	0.	11760.	1964.2	13217.	24977.
12	1890.	11270.	0.	0.	11270.	1957.1	11296.	22566.
13	1711.	10219.	0.	0.	10219.	1950.7	10360.	20579.
14	1607.	11057.	0.	0.	11057.	1942.5	9679.	20736.
15	1535.	9485.	0.	0.	9485.	1935.4	8894.	18379.
16	1451.	7931.	0.	0.	7931.	1929.7	8478.	16409.
17	1379.	7943.	0.	0.	7943.	1923.9	8121.	16064.
18	1345.	7954.	0.	0.	7954.	1918.0	8012.	15966.
19	1285.	8030.	0.	0.	8030.	1912.0	7901.	15931.
20	1224.	7985.	0.	0.	7985.	1906.1	7819.	15804.
21	1176.	7962.	0.	0.	7962.	1900.0	7695.	15657.
22	1175.	7727.	0.	0.	7727.	1893.2	7625.	15352.
23	1177.	6830.	0.	0.	6830.	1887.4	7680.	14510.
24	1177.	6251.	0.	0.	6251.	1882.1	7952.	14203.
25	1177.	5682.	0.	0.	5682.	1877.4	7523.	13205.
26	1177.	5327.	0.	0.	5327.	1873.1	7809.	13136.
27	1122.	5137.	0.	0.	5137.	1869.0	8507.	13644.
28	1122.	4662.	0.	0.	4662.	1865.3	9235.	13897.
29	1179.	4162.	0.	0.	4162.	1862.2	10821.	14983.
30	1604.	3674.	0.	0.	3674.	1860.0	12967.	16641.
31	3462.	2951.	0.	0.	2951.	1860.6	20252.	23203.
32	8212.	2730.	0.	0.	2730.	1866.3	47417.	50147.
33	11764.	3850.	0.	0.	3850.	1874.5	56165.	60015.
34	10518.	4075.	0.	0.	4075.	1881.2	66496.	70571.
35	16714.	5300.	0.	0.	5300.	1893.0	92872.	98172.
36	25823.	6700.	0.	0.	6700.	1911.0	112320.	119020.
37	20349.	9840.	0.	0.	9840.	1920.3	121222.	131062.
38	26351.	10687.	0.	0.	10687.	1934.2	124935.	135622.
39	22988.	10146.	0.	0.	10146.	1945.5	124441.	134587.
40	26281.	9494.	0.	0.	9494.	1958.9	134862.	144356.
41	26663.	9172.	0.	0.	9172.	1972.1	163194.	172366.
42	28137.	8855.	0.	0.	8855.	1986.7	162434.	171289.
43	25275.	8613.	0.	0.	8613.	1999.3	149582.	158195.
44	28150.	8926.	0.	18303.	27229.	2000.0	143993.	171222.
45	19051.	8905.	0.	10147.	19051.	2000.0	118663.	137714.
46	18006.	9050.	0.	8956.	18006.	2000.0	113565.	131571.
47	16331.	9193.	0.	7138.	16331.	2000.0	102383.	118714.
48	11948.	9472.	0.	2476.	11948.	2000.0	87338.	99286.
49	8723.	9763.	0.	0.	9763.	1999.2	75706.	85469.
50	9329.	10005.	0.	0.	10005.	1998.7	74242.	84247.
51	15679.	10244.	0.	3718.	13963.	2000.0	92035.	105997.
52	10243.	10383.	0.	0.	10383.	1999.9	79132.	89515.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. RELEASE (CFS)	EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
1981 1	8532.	9940.	0.	0.	9940.	1998.8	34039.	43979.
2	7605.	7140.	0.	0.	7140.	1999.2	32538.	39678.
3	6326.	6720.	0.	0.	6720.	1998.9	27217.	33937.
4	5214.	7323.	0.	0.	7323.	1997.3	22272.	29595.
5	3950.	8149.	0.	0.	8149.	1994.1	18607.	26756.
6	3534.	9047.	0.	0.	9047.	1989.9	16180.	25227.
7	2637.	8496.	0.	0.	8496.	1985.5	11506.	20002.
8	2685.	9263.	0.	0.	9263.	1980.5	11458.	20721.
9	2707.	8362.	0.	0.	8362.	1976.2	11007.	19369.
10	2175.	9281.	0.	0.	9281.	1970.9	8254.	17535.
11	1678.	9800.	0.	0.	9800.	1964.7	6751.	16551.
12	1578.	11270.	0.	0.	11270.	1957.4	5708.	16978.
13	1516.	11922.	0.	0.	11922.	1949.4	5413.	17335.
14	1448.	11057.	0.	0.	11057.	1940.9	5409.	16466.
15	1684.	9485.	0.	0.	9485.	1934.0	5745.	15230.
16	1961.	7931.	0.	0.	7931.	1928.7	6110.	14041.
17	2118.	7943.	0.	0.	7943.	1923.6	6025.	13968.
18	2142.	7954.	0.	0.	7954.	1918.4	6429.	14383.
19	1911.	8030.	0.	0.	8030.	1913.0	6946.	14976.
20	1594.	7985.	0.	0.	7985.	1907.3	5977.	13962.
21	1265.	7962.	0.	0.	7962.	1901.4	5449.	13411.
22	1190.	7727.	0.	0.	7727.	1894.9	4881.	12608.
23	1194.	6830.	0.	0.	6830.	1889.0	4806.	11636.
24	1274.	6251.	0.	0.	6251.	1883.8	4726.	10977.
25	1297.	5682.	0.	0.	5682.	1879.3	4917.	10599.
26	1314.	5327.	0.	0.	5327.	1875.1	5257.	10584.
27	1238.	5137.	0.	0.	5137.	1871.1	5976.	11113.
28	1291.	4662.	0.	0.	4662.	1867.6	6709.	11371.
29	1373.	4162.	0.	0.	4162.	1864.7	7770.	11932.
30	1779.	3674.	0.	0.	3674.	1862.7	11650.	15324.
31	4737.	2951.	0.	0.	2951.	1864.6	35120.	38071.
32	17566.	2730.	0.	0.	2730.	1880.0	68148.	70878.
33	17640.	3154.	0.	0.	3154.	1895.0	75217.	78371.
34	11625.	4560.	0.	0.	4560.	1902.0	74546.	79106.
35	19077.	7420.	0.	0.	7420.	1912.3	86894.	94314.
36	16465.	9380.	0.	0.	9380.	1918.6	82935.	92315.
37	14949.	11044.	0.	0.	11044.	1922.1	79180.	90224.
38	16085.	10766.	0.	0.	10766.	1926.8	100629.	111395.
39	18788.	10381.	0.	0.	10381.	1934.2	102069.	112450.
40	14090.	9848.	0.	0.	9848.	1938.0	88510.	98358.
41	33261.	9538.	0.	0.	9538.	1957.7	119639.	129177.
42	32516.	9103.	0.	0.	9103.	1975.4	156341.	165444.
43	29007.	8795.	0.	0.	8795.	1990.7	142279.	151074.
44	31168.	8966.	0.	9876.	18842.	2000.0	134546.	153388.
45	30077.	8951.	0.	21126.	30077.	2000.0	132637.	162714.
46	38871.	9078.	0.	24000.	33078.	2003.7	167843.	200921.
47	30803.	9211.	0.	24000.	33211.	2002.2	103054.	136265.
48	20647.	9508.	0.	14524.	24032.	2000.0	94924.	118956.
49	15158.	9781.	0.	5377.	15158.	2000.0	82299.	97457.
50	12220.	9995.	0.	2225.	12220.	2000.0	57194.	69414.
51	10197.	10214.	0.	0.	10214.	2000.0	45903.	56117.
52	8299.	10400.	0.	0.	10400.	1998.2	33864.	44264.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

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- SUSITNA STA	TOTAL FLOW SUSITNA STA
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	9940.	0.	0.	9940.	1995.1	24556.	34496.
2	5560.	6120.	0.	0.	6120.	1994.7	22026.	28146.
3	5713.	5760.	0.	0.	5760.	1994.7	25401.	31161.
4	6627.	6277.	0.	0.	6277.	1994.9	41630.	47907.
5	3364.	6985.	0.	0.	6985.	1992.2	22293.	29278.
6	2845.	7754.	0.	0.	7754.	1988.5	18441.	26195.
7	2782.	8496.	0.	0.	8496.	1984.1	14789.	23285.
8	2339.	9263.	0.	0.	9263.	1978.9	11804.	21067.
9	2057.	8362.	0.	0.	8362.	1974.1	10943.	19305.
10	1971.	9281.	0.	0.	9281.	1968.6	10315.	19596.
11	1860.	9800.	0.	0.	9800.	1962.6	10140.	19940.
12	1794.	9392.	0.	0.	9392.	1956.9	9635.	19027.
13	1794.	10219.	0.	0.	10219.	1950.5	9206.	19425.
14	1697.	11057.	0.	0.	11057.	1942.3	8589.	19646.
15	1695.	9485.	0.	0.	9485.	1935.4	7591.	17076.
16	1695.	7931.	0.	0.	7931.	1929.9	7162.	15093.
17	1695.	7943.	0.	0.	7943.	1924.3	6805.	14748.
18	1729.	7954.	0.	0.	7954.	1918.8	6342.	14296.
19	1662.	8030.	0.	0.	8030.	1913.2	5909.	13939.
20	1213.	7985.	0.	0.	7985.	1907.2	5858.	13843.
21	881.	7962.	0.	0.	7962.	1900.9	6119.	14081.
22	767.	7727.	0.	0.	7727.	1893.8	5733.	13460.
23	826.	6830.	0.	0.	6830.	1887.6	5031.	11861.
24	826.	6251.	0.	0.	6251.	1882.0	4674.	10925.
25	874.	5682.	0.	0.	5682.	1877.0	4126.	9808.
26	1123.	5327.	0.	0.	5327.	1872.6	3877.	9204.
27	956.	5137.	0.	0.	5137.	1868.3	4044.	9181.
28	956.	4662.	0.	0.	4662.	1864.4	4115.	8777.
29	1057.	4162.	0.	0.	4162.	1861.2	4657.	8819.
30	1403.	3674.	0.	0.	3674.	1858.8	5383.	9057.
31	2641.	2951.	0.	0.	2951.	1858.5	7073.	10024.
32	6274.	2730.	0.	0.	2730.	1862.2	20726.	23456.
33	11618.	2900.	0.	0.	2900.	1871.2	43482.	46382.
34	15603.	3800.	0.	0.	3800.	1883.5	45726.	49526.
35	17916.	5300.	0.	0.	5300.	1896.6	52355.	57655.
36	21638.	6700.	0.	0.	6700.	1910.3	81819.	88519.
37	18090.	8200.	0.	0.	8200.	1919.1	85539.	93739.
38	23883.	10751.	0.	0.	10751.	1930.7	84374.	95125.
39	23173.	10225.	0.	0.	10225.	1942.2	102827.	113052.
40	16689.	9643.	0.	0.	9643.	1948.4	84797.	94440.
41	20637.	9433.	0.	0.	9433.	1957.1	82092.	91525.
42	20979.	9202.	0.	0.	9202.	1966.0	86021.	95223.
43	23533.	9013.	0.	0.	9013.	1977.0	114610.	123623.
44	20306.	9186.	0.	0.	9186.	1985.4	110694.	119880.
45	13970.	9089.	0.	0.	9089.	1989.1	90601.	99690.
46	12157.	9187.	0.	0.	9187.	1991.4	81772.	90959.
47	10610.	9309.	0.	0.	9309.	1992.4	70676.	79985.
48	11835.	9587.	0.	0.	9587.	1994.1	69022.	78609.
49	10670.	9863.	0.	0.	9863.	1994.7	72187.	82050.
50	13360.	10063.	0.	0.	10063.	1997.2	80783.	90846.
51	21010.	10275.	0.	6979.	17254.	2000.0	153561.	170815.
52	11582.	10387.	0.	1195.	11582.	2000.0	80168.	91750.

TABLE 13 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUSITNA STATION
FOR STAGE I

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONE VALVE ENVIRON. RELEASE (CFS)	EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW WATANA- SUSITNA STA (CFS)	TOTAL FLOW SUSITNA STA (CFS)
	(CFS)	(CFS)						
1983 1	7782.	9940.	0.	0.	9940.	1998.4	47175.	57115.
2	6119.	7140.	0.	0.	7140.	1997.6	30152.	37292.
3	4982.	6720.	0.	0.	6720.	1996.3	23847.	30567.
4	2921.	7323.	0.	0.	7323.	1993.0	19365.	26688.
5	2384.	6985.	0.	0.	6985.	1989.5	16473.	23458.
6	2252.	7754.	0.	0.	7754.	1985.3	14605.	22359.
7	2137.	8496.	0.	0.	8496.	1980.5	13006.	21502.
8	1997.	7719.	0.	0.	7719.	1976.2	11717.	19436.
9	1944.	8362.	0.	0.	8362.	1971.3	10342.	18704.
10	1850.	9281.	0.	0.	9281.	1965.7	9150.	18431.
11	1850.	9800.	0.	0.	9800.	1959.7	8093.	17893.
12	1850.	9392.	0.	0.	9392.	1954.0	7236.	16628.
13	1965.	8516.	0.	0.	8516.	1948.9	6949.	15465.
14	2201.	9478.	0.	0.	9478.	1942.4	7799.	17277.
15	1906.	9485.	0.	0.	9485.	1935.7	6580.	16065.
16	1690.	7931.	0.	0.	7931.	1930.2	6167.	14098.
17	1588.	7943.	0.	0.	7943.	1924.5	6212.	14155.
18	1553.	7954.	0.	0.	7954.	1918.9	6047.	14001.
19	1535.	8030.	0.	0.	8030.	1913.1	6151.	14181.
20	1650.	7985.	0.	0.	7985.	1907.5	6950.	14935.
21	1685.	7962.	0.	0.	7962.	1901.9	7544.	15506.
22	1583.	7727.	0.	0.	7727.	1895.9	6846.	14573.
23	1534.	6830.	0.	0.	6830.	1890.4	6066.	12896.
24	1437.	6251.	0.	0.	6251.	1885.4	5620.	11871.
25	1389.	5682.	0.	0.	5682.	1881.0	5382.	11064.
26	1280.	5327.	0.	0.	5327.	1876.8	5320.	10647.
27	1185.	5137.	0.	0.	5137.	1872.7	5358.	10495.
28	1208.	4662.	0.	0.	4662.	1869.1	5235.	9897.
29	1411.	4162.	0.	0.	4162.	1866.2	5475.	9637.
30	1907.	3674.	0.	0.	3674.	1864.4	7350.	11024.
31	3484.	2951.	0.	0.	2951.	1864.9	16302.	19253.
32	8419.	2730.	0.	0.	2730.	1870.8	46410.	49140.
33	14537.	2900.	0.	0.	2900.	1882.9	65749.	68649.
34	12909.	3800.	0.	0.	3800.	1892.4	55805.	59605.
35	18671.	5300.	0.	0.	5300.	1905.3	68615.	73915.
36	23758.	8040.	0.	0.	8040.	1919.3	84099.	92139.
37	17019.	10998.	0.	0.	10998.	1924.6	60124.	71122.
38	20754.	10635.	0.	0.	10635.	1933.5	85817.	96452.
39	20568.	10186.	0.	0.	10186.	1942.7	101575.	111761.
40	22463.	9581.	0.	0.	9581.	1953.5	95251.	104832.
41	19352.	9338.	0.	0.	9338.	1961.1	92362.	101700.
42	16152.	9158.	0.	0.	9158.	1966.4	83119.	92277.
43	17431.	9051.	0.	0.	9051.	1972.8	73183.	82234.
44	17935.	9288.	0.	0.	9288.	1979.3	77265.	86553.
45	22829.	9143.	0.	0.	9143.	1989.6	122314.	131457.
46	21149.	9112.	0.	0.	9112.	1998.7	92308.	101420.
47	18683.	9207.	0.	7822.	17029.	2000.0	71131.	88160.
48	22728.	9521.	0.	13207.	22728.	2000.0	62201.	84929.
49	15528.	9783.	0.	5745.	15528.	2000.0	58101.	73629.
50	9607.	9988.	0.	0.	9988.	1999.7	40107.	50095.
51	8465.	10233.	0.	0.	10233.	1998.4	33706.	43939.
52	9728.	10420.	0.	0.	10420.	1997.8	31247.	41667.

TABLE 14

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	7147	0.0	6727
3.0	10106	39.4	6254	33.3	5803
63.6	8593	69.7	5473	69.7	4860
78.8	7307	72.7	5329	81.8	4581
81.8	5729	75.8	5189	84.8	4447
97.0	5283	90.9	5052	87.9	4318
100.0	5073	93.9	4663	90.9	4192
		97.0	4421	93.9	3951
		100.0	4305	100.0	3836

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	7330	0.0	8157	0.0	9056
27.3	6518	18.2	7189	6.1	7981
69.7	5359	63.6	5823	54.5	6465
81.8	4237	81.8	4717	81.8	5237
97.0	3623	97.0	3821	97.0	4242
100.0	3484	100.0	3663	100.0	4067

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	8505	0.0	9272	0.0	8370
36.4	7174	15.2	7822	69.7	6719
78.8	5849	75.8	6378	97.0	5393
97.0	4610	97.0	5026	100.0	5263
100.0	4456	100.0	4858		
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	9290	0.0	11772	0.0	11281
60.6	7457	3.0	9931	9.1	9517
97.0	5986	66.7	8097	72.7	7760
100.0	5841	97.0	6381	97.0	6116
		100.0	6168	100.0	5911

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	11934	0.0	11068	0.0	9495
6.1	10517	18.2	9754	33.3	8010
21.2	8519	42.4	7901	81.8	6531
75.8	6901	78.8	6401	97.0	5147
97.0	5590	97.0	5185	100.0	4975
100.0	5360	100.0	4971		

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	7939	0.0	7951	0.0	7962
81.8	6373	72.7	6382	63.6	6391
97.0	5115	97.0	5123	97.0	5130
100.0	4992	100.0	4999	100.0	5006

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	8038	0.0	7993	0.0	7970
60.6	6452	60.6	6416	63.6	6397
97.0	5179	97.0	5150	97.0	5135
100.0	5054	100.0	5026	100.0	5011

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	7735	0.0	6837	0.0	6257
63.6	6208	57.6	5488	45.5	5022
97.0	4983	97.0	4405	97.0	4031
100.0	4863	100.0	4299	100.0	3934

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	5688	0.0	5332	0.0	5142
39.4	4566	30.3	4280	33.3	4127
97.0	3665	97.0	3436	97.0	3313
100.0	3576	100.0	3353	100.0	3233

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	4667	0.0	4166	0.0	3678
33.3	3746	33.3	3344	33.3	2952
97.0	3007	97.0	2684	97.0	2370
100.0	2934	100.0	2619	100.0	2313

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	2954	0.0	3673	0.0	5483
33.3	2371	6.1	3573	9.1	5241
97.0	1903	15.2	3477	12.1	5008
100.0	1857	24.2	3383	18.2	4786
		27.3	3291	24.2	4372
		30.3	3202	33.3	4178
		33.3	3116	36.4	3993
		42.4	3032	39.4	3816
		45.5	2870	42.4	3647
		51.5	2792	45.5	3485
		75.8	2572	51.5	3331
		78.8	2435	54.5	3183
		81.8	2242	60.6	3042
		100.0	2182	66.7	2907
				84.8	2425
				100.0	2318

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	5364	0.0	7427	0.0	9389
3.0	4904	6.1	6546	12.1	8099
6.1	4759	12.1	5302	39.4	6783
9.1	4618	51.5	4295	63.6	6208
15.2	4482	90.9	3948	66.7	5681
21.2	4222	93.9	3479	72.7	5515
24.2	4097	100.0	3336	100.0	5355
27.3	3859				
48.5	3745				
51.5	3527				
54.5	3224				
57.6	3129				
100.0	3037				

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	11055	0.0	11004	0.0	10718
21.2	10755	3.0	10773	3.0	10526
36.4	10463	30.3	10547	12.1	10339
39.4	9903	39.4	10325	27.3	10154
54.5	8395	60.6	10108	39.4	9973
81.8	6736	66.7	9896	57.6	9795
100.0	6553	75.8	9286	66.7	9620
		84.8	7510	81.8	9448
		100.0	7353	84.8	9280
				90.9	7751
				100.0	7612

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	13962	0.0	24100	0.0	25112
6.1	10149	6.1	10229	3.0	21846
18.2	9796	15.2	9576	9.1	20376
45.5	9455	75.8	8965	12.1	12512
78.8	9126	93.9	7356	15.2	10153
93.9	7378	100.0	6887	21.2	9470
100.0	7121			81.8	8832
				93.9	7167
				100.0	6684

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

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	26792	0.0	27256	0.0	30107
6.1	24894	3.0	25319	3.0	23786
9.1	19969	9.1	23519	15.2	21988
12.1	18555	12.1	21847	18.2	20327
15.2	17240	18.2	20293	36.4	17372
18.2	16019	24.2	18851	45.5	16059
24.2	14884	33.3	17511	54.5	10023
30.3	9578	36.4	13037	69.7	9266
69.7	8900	39.4	10450	90.9	8566
93.9	7139	42.4	9707	93.9	7320
100.0	6633	81.8	9017	100.0	6767
		93.9	7227		
		100.0	6713		
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	33134	0.0	33244	0.0	33595
9.1	25822	6.1	25953	6.1	24247
12.1	21868	9.1	23897	12.1	20600
15.2	20124	12.1	22004	18.2	18987
27.3	18519	15.2	20261	27.3	17501
42.4	17042	21.2	18655	33.3	14868
45.5	15683	30.3	17178	45.5	12631
51.5	14432	45.5	15817	60.6	11642
54.5	13281	48.5	14564	69.7	10731
57.6	11248	63.6	13410	72.7	9891
60.6	10351	66.7	12348	87.9	9117
63.6	9525	69.7	9639	90.9	7745
90.9	8765	87.9	8876	100.0	7139
93.9	7423	93.9	7525		
100.0	6831	100.0	6929		

TABLE 14 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE I

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	23535	0.0	17331
3.0	22071	6.1	16401
9.1	19410	12.1	15521
18.2	16008	21.2	13900
27.3	15013	27.3	13155
30.3	14079	30.3	12449
36.4	13203	39.4	11781
39.4	11611	42.4	11149
51.5	10212	48.5	10550
87.9	7407	87.9	7578
100.0	6946	97.0	6423
		100.0	6078

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	17271	0.0	18346	20967
3.0	16339	3.0	15212	17385
15.2	15457	6.1	13426	15344
21.2	14622	9.1	12614	14416
24.2	12380	15.2	11850	13543
27.3	11711	18.2	11133	12723
33.3	11079	30.3	10459	11953
36.4	10481	84.8	9231	10550
87.9	7941	87.9	7191	8218
97.0	6360	97.0	5962	6814
100.0	6017	100.0	5601	6402

^{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 15

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	9558	0.0	8947
3.0	13051	12.1	9326	3.0	8677
18.2	12432	21.2	9100	12.1	8415
33.3	11841	24.2	8453	15.2	8160
48.5	11279	33.3	8248	18.2	7914
63.6	10744	36.4	8048	27.3	7675
69.7	9748	39.4	7853	36.4	7218
75.8	9285	51.5	7662	42.4	7000
78.8	8845	57.6	7295	51.5	6788
81.8	8025	66.7	7118	54.5	6583
84.8	6936	69.7	6613	69.7	6192
93.9	6606	72.7	6452	72.7	6004
97.0	6293	75.8	6143	75.8	5477
100.0	5994	100.0	5994	81.8	5311
				84.8	5151
				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	9283	0.0	9591	0.0	9937
3.0	8880	9.1	9153	6.1	9097
12.1	8495	18.2	8335	15.2	8704
30.3	7774	21.2	7955	33.3	8328
36.4	7436	39.4	7591	54.5	7624
48.5	7114	63.6	6914	57.6	7294
63.6	6805	66.7	6598	60.6	6979
69.7	6510	72.7	6297	78.8	6678
72.7	6227	81.8	5734	81.8	6389
75.8	5957	87.9	5473	84.8	6113
78.8	5699	90.9	4984	90.9	5596
81.8	5451	97.0	4134	97.0	4488
84.8	5215	100.0	3945	100.0	4294
87.9	4988				
90.9	4565				
97.0	4177				
100.0	3996				

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	9581	0.0	10177	0.0	9320
12.1	9221	12.1	9805	12.1	9057
33.3	8875	15.2	8769	42.4	8802
36.4	8222	24.2	8448	69.7	7629
39.4	7914	54.5	8139	75.8	7204
48.5	7617	75.8	7013	84.8	7001
75.8	7331	78.8	6757	97.0	5569
78.8	6537	84.8	6510	100.0	5412
81.8	6292	97.0	5206		
87.9	6056	100.0	5016		
97.0	4815				
100.0	4634				

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	10615	0.0	12174	0.0	12124
3.0	10301	3.0	10979	3.0	11690
6.1	9997	6.1	10607	9.1	10105
33.3	9702	33.3	10247	48.5	9743
60.6	8352	66.7	8626	72.7	8422
66.7	8105	72.7	8333	75.8	8120
69.7	7866	87.9	8051	87.9	7830
87.9	7633	97.0	6547	97.0	6292
97.0	6189	100.0	6326	100.0	6067
100.0	6006				

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	12620	0.0	11707	0.0	10122
3.0	12082	15.2	11213	24.2	9770
6.1	11074	18.2	10288	33.3	8481
15.2	10602	27.3	9854	63.6	8187
21.2	9303	42.4	8660	81.8	6621
51.5	8906	51.5	8295	97.0	5355
75.8	7482	78.8	6982	100.0	5169
81.8	7163	81.8	6688		
97.0	5761	97.0	5392		
100.0	5515	100.0	5165		

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	8586	0.0	8606	0.0	8562
21.2	8360	12.1	8379	21.2	8339
63.6	8141	60.6	8158	63.6	6753
81.8	6757	72.7	6768	72.7	6577
87.9	6579	78.8	6589	97.0	5326
97.0	5317	97.0	5322	100.0	5188
100.0	5178	100.0	5182		

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	8734	0.0	8529	0.0	8506
12.1	8501	30.3	8308	30.3	8286
48.5	8274	60.6	6917	63.6	6898
60.6	6848	66.7	6739	66.7	6720
69.7	6665	84.8	6565	81.8	6546
97.0	5369	97.0	5324	97.0	5309
100.0	5226	100.0	5187	100.0	5172

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	8246	0.0	7307	0.0	6707
33.3	8034	24.2	7118	21.2	6534
63.6	6693	57.6	5927	45.5	5441
66.7	6521	63.6	5773	51.5	5301
81.8	6353	69.7	5624	66.7	5164
97.0	5157	97.0	4561	97.0	4190
100.0	5024	100.0	4444	100.0	4082

TABLE 1.5 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	6253	0.0	5898	0.0	6026
6.1	6086	6.1	5739	3.0	5839
30.3	5922	21.2	5584	6.1	5658
39.4	4896	30.3	4739	21.2	5483
57.6	4765	33.3	4611	30.3	5313
90.9	4637	51.5	4487	33.3	4685
97.0	3834	87.9	4365	39.4	4539
100.0	3731	97.0	3605	63.6	4399
		100.0	3507	78.8	4263
				97.0	3420
				100.0	3314
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	5551	0.0	5141	0.0	4668
3.0	5207	3.0	4808	3.0	4511
15.2	5043	9.1	4650	6.1	4359
30.3	4884	24.2	4497	9.1	4212
33.3	4298	30.3	4349	24.2	4071
39.4	4163	33.3	4067	33.3	3934
63.6	4032	39.4	3933	36.4	3801
78.8	3905	51.5	3804	39.4	3674
97.0	3122	60.6	3678	42.4	3550
100.0	3024	78.8	3557	57.6	3431
		97.0	2814	63.6	3315
		100.0	2721	78.8	3204
				84.8	3096
				97.0	2521
				100.0	2437

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	6490	0.0	8557	0.0	9125
3.0	4862	3.0	6464	3.0	8730
9.1	4088	6.1	5966	6.1	8539
18.2	3859	9.1	5731	9.1	7645
27.3	3642	12.1	5506	12.1	7154
39.4	3438	18.2	5290	15.2	6695
54.5	3245	27.3	4691	21.2	6549
66.7	3063	30.3	4506	24.2	6405
72.7	2891	33.3	4329	30.3	6265
78.8	2729	36.4	4159	33.3	6128
93.9	2576	100.0	3996	100.0	5994
97.0	2295				
100.0	2166				

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	12683	0.0	18656	0.0	15401
3.0	12192	3.0	14689	6.1	14374
6.1	11721	9.1	13035	15.2	13886
9.1	10831	12.1	12278	24.2	13415
12.1	10413	21.2	11566	30.3	12520
15.2	10010	33.3	10895	39.4	11684
18.2	9623	45.5	10263	51.5	11288
21.2	8549	54.5	9668	57.6	10905
33.3	8218	63.6	9107	66.7	10535
36.4	7900	72.7	8579	69.7	10177
45.5	7595	81.8	8081	75.8	9498
48.5	7301	84.8	7171	81.8	9176
54.5	6747	87.9	6363	93.9	8273
57.6	6486	100.0	5994	100.0	7992
60.6	6235				
100.0	5994				

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	19138	0.0	19419	0.0	17440
6.1	18300	3.0	17936	3.0	16866
15.2	16734	6.1	17238	6.1	16310
24.2	16001	15.2	16567	18.2	15772
30.3	15301	27.3	15921	21.2	15252
39.4	14631	36.4	15301	45.5	14750
45.5	13991	45.5	14705	51.5	14263
57.6	13378	57.6	14133	57.6	13793
69.7	12793	69.7	13582	72.7	13339
78.8	12233	78.8	13053	75.8	12899
84.8	11697	81.8	12057	87.9	12474
90.9	10696	90.9	11136	90.9	12063
93.9	10228	97.0	9500	93.9	11665
97.0	8551	100.0	9130	97.0	9540
100.0	8177			100.0	9226

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	17075	0.0	26570	0.0	30318
3.0	16407	6.1	19371	3.0	26348
6.1	15148	9.1	17071	6.1	24563
15.2	14555	12.1	15045	9.1	22898
21.2	13986	18.2	14123	12.1	19900
39.4	13438	33.3	13258	15.2	18551
51.5	12913	60.6	12446	18.2	15029
69.7	12407	90.9	11684	27.3	14011
90.9	11922	97.0	8519	36.4	13061
97.0	8324	100.0	7997	72.7	12176
100.0	7998			87.9	11351
				97.0	8573
				100.0	7992

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

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	32604	0.0	32125	0.0	36193
6.1	28118	6.1	27905	3.0	28977
9.1	24250	21.2	24239	9.1	26906
12.1	22521	24.2	22591	18.2	24984
15.2	20914	30.3	21055	24.2	23199
21.2	19422	36.4	17046	30.3	21541
27.3	18037	39.4	15887	39.4	20002
30.3	16751	48.5	14807	54.5	14870
33.3	14446	60.6	13800	60.6	13807
39.4	13416	66.7	12861	78.8	12821
63.6	12459	87.9	11987	81.8	11905
78.8	11570	93.9	11172	90.9	11054
93.9	10745	97.0	9045	97.0	9531
97.0	8606	100.0	8430	100.0	8850
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	43755	0.0	39477	0.0	43214
6.1	40010	6.1	28203	3.0	39541
9.1	30590	15.2	23839	6.1	30291
12.1	27972	21.2	21917	9.1	27717
15.2	23388	33.3	20149	12.1	25361
30.3	21386	48.5	18525	18.2	23205
45.5	19556	54.5	17031	21.2	21233
51.5	17882	63.6	15658	33.3	19428
54.5	16351	69.7	14395	36.4	17777
57.6	14952	72.7	13235	42.4	16266
66.7	13672	78.8	12168	48.5	14883
81.8	12502	90.9	10285	66.7	13618
87.9	11431	93.9	9455	75.8	12461
90.9	10453	97.0	8693	84.8	11402
97.0	8740	100.0	7992	87.9	10432
100.0	7992			93.9	9546
				97.0	8734
				100.0	7992

TABLE 15 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE I

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	29100	0.0	23511
9.1	23729	6.1	22057
15.2	20711	9.1	20693
18.2	19349	15.2	19414
30.3	18077	18.2	18214
33.3	16888	27.3	15040
42.4	15778	45.5	14110
45.5	14740	57.6	13238
48.5	13771	63.6	12420
57.6	12866	78.8	11652
69.7	12020	87.9	9621
87.9	11229	97.0	7454
90.9	10491	100.0	6993
93.9	9801		
97.0	8555		
100.0	7992		

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	22824	0.0	21935	25069
6.1	21415	3.0	20534	23468
9.1	20093	6.1	16847	19253
18.2	18853	9.1	15771	18024
21.2	17690	15.2	14764	16873
24.2	14612	21.2	13821	15796
33.3	13710	33.3	12939	14787
45.5	12864	60.6	12113	13843
69.7	12070	75.8	11339	12959
84.8	11325	84.8	10615	12132
87.9	9970	87.9	9938	11357
93.9	9355	90.9	8709	9953
97.0	7251	93.9	8153	9318
100.0	6803	97.0	6689	7644
		100.0	6262	7156

^{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 16

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	26997	0.0	19563
3.0	31718	3.0	24455	3.0	18013
6.1	28913	6.1	22153	6.1	17285
12.1	27605	9.1	21084	12.1	16587
15.2	26357	18.2	20067	27.3	15916
18.2	25164	30.3	19099	30.3	15273
27.3	24026	36.4	18178	39.4	14656
36.4	22939	42.4	17301	45.5	14063
51.5	21902	57.6	16466	57.6	13495
57.6	20911	60.6	15672	60.6	12950
66.7	19965	72.7	14916	72.7	11924
72.7	19062	75.8	14197	84.8	11442
75.8	18200	87.9	13512	87.9	10980
78.8	17376	90.9	12860	90.9	9701
84.8	16590	93.9	11649	97.0	9309
87.9	15840	97.0	11087	100.0	8933
93.9	15123	100.0	10552		
97.0	14439				
100.0	13786				
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	18239	0.0	15405	0.0	14992
3.0	16842	9.1	14885	9.1	14451
6.1	16185	12.1	14382	12.1	13929
12.1	15553	18.2	13896	18.2	13427
18.2	14362	21.2	13426	24.2	12942
30.3	13801	30.3	12973	36.4	12475
39.4	13262	45.5	12534	42.4	12025
51.5	12744	54.5	11701	51.5	11591
66.7	12246	57.6	11306	54.5	11172
69.7	11768	69.7	10924	69.7	10380
72.7	11308	75.8	10555	78.8	10006
78.8	10867	78.8	10198	81.8	9645
81.8	10035	81.8	9520	90.9	8638
84.8	9643	87.9	9199	93.9	8326
87.9	9266	90.9	8888	97.0	7736
93.9	8904	97.0	8297	100.0	7457
100.0	8556	100.0	8017		

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	14588	0.0	14095	0.0	13406
9.1	13552	9.1	13169	6.1	13008
15.2	13062	18.2	12729	12.1	12622
27.3	12590	21.2	12303	21.2	12247
33.3	12135	30.3	11892	39.4	11883
42.4	11696	42.4	11494	51.5	11531
57.6	11273	54.5	11110	66.7	11188
60.6	10866	63.6	10739	69.7	10856
69.7	10473	72.7	10380	75.8	10533
78.8	10094	78.8	10033	78.8	9917
87.9	8712	81.8	9698	81.8	9623
93.9	8397	84.8	9060	93.9	9060
97.0	7519	93.9	8757	97.0	7792
100.0	7247	97.0	7644	100.0	7560
		100.0	7389		

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	14451	0.0	14637	0.0	15205
3.0	14013	6.1	14208	3.0	14220
6.1	13587	9.1	13791	9.1	13298
9.1	13174	15.2	13387	21.2	12859
21.2	12774	27.3	12995	45.5	12436
36.4	12386	48.5	12614	63.6	11630
51.5	12010	57.6	12244	72.7	11246
57.6	11645	66.7	11537	75.8	10876
63.6	11292	72.7	11198	78.8	10517
69.7	10949	75.8	10870	87.9	9835
72.7	10294	78.8	10552	93.9	9511
87.9	9981	87.9	10242	97.0	8318
93.9	9678	93.9	9942	100.0	8044
97.0	8295	97.0	8568		
100.0	8043	100.0	8317		

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	15411	0.0	14532	0.0	13035
3.0	14834	9.1	13984	3.0	12611
6.1	14277	18.2	12951	12.1	12201
9.1	13742	21.2	12463	27.3	11804
12.1	13227	39.4	11994	30.3	11420
18.2	12731	42.4	11542	33.3	11048
21.2	12253	45.5	11108	45.5	10689
33.3	11794	48.5	10689	63.6	10341
54.5	11352	69.7	10287	75.8	10004
66.7	10926	78.8	9168	81.8	9364
72.7	10516	87.9	8823	84.8	8765
75.8	10122	90.9	8491	90.9	8204
78.8	9742	93.9	8171	97.0	7187
87.9	9025	97.0	7282	100.0	6953
93.9	8687	100.0	7008		
97.0	7746				
100.0	7456				

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	11141	0.0	11180	0.0	11012
9.1	10869	6.1	10905	6.1	10748
18.2	10603	12.1	10636	12.1	10491
51.5	10344	48.5	10374	45.5	10240
66.7	10091	57.6	10118	51.5	9995
75.8	9844	66.7	9869	60.6	9756
81.8	9140	72.7	8931	63.6	8855
84.8	8916	78.8	8711	72.7	8643
87.9	8698	84.8	8497	81.8	8436
90.9	8278	90.9	8287	87.9	8234
93.9	8076	93.9	8083	93.9	8037
97.0	7135	97.0	7135	97.0	7120
100.0	6961	100.0	6959	100.0	6950

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	11020	0.0	11289	0.0	11074
3.0	10758	3.0	10719	3.0	10519
6.1	10502	6.1	10444	12.1	10253
30.3	10252	21.2	10177	33.3	9993
45.5	10008	45.5	9916	48.5	9739
54.5	9770	57.6	9662	60.6	9492
60.6	8873	60.6	8710	63.6	8788
69.7	8662	69.7	8487	66.7	8565
81.8	8456	87.9	8270	84.8	8348
87.9	8254	90.9	8058	90.9	7930
90.9	8058	97.0	7078	97.0	6974
97.0	7144	100.0	6897	100.0	6797
100.0	6974				

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	10340	0.0	9255	0.0	8730
6.1	10102	9.1	9051	6.1	8536
27.3	9869	27.3	8852	18.2	8346
39.4	9642	36.4	8657	30.3	8161
51.5	9420	48.5	8466	42.4	7803
60.6	9203	57.6	7573	45.5	7133
63.6	8383	66.7	7406	48.5	6974
75.8	8190	75.8	7243	66.7	6819
84.8	8002	84.8	7083	69.7	6668
90.9	7817	87.9	6927	84.8	6520
93.9	7637	97.0	6197	97.0	5828
97.0	6797	100.0	6060	100.0	5698
100.0	6640				

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	8156	0.0	7700	0.0	8251
6.1	7977	9.1	7537	3.0	7615
9.1	7802	12.1	7377	9.1	7414
15.2	7631	18.2	7220	18.2	7218
33.3	7463	30.3	6487	27.3	7028
39.4	6982	36.4	6349	33.3	6661
42.4	6679	45.5	6215	36.4	6486
48.5	6532	66.7	5954	45.5	6314
60.6	6388	72.7	5828	54.5	6148
63.6	6248	84.8	5704	57.6	5985
78.8	6111	97.0	5236	75.8	5827
84.8	5977	100.0	5125	78.8	5673
97.0	5469			93.9	5524
100.0	5349			97.0	5098
				100.0	4963
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	7908	0.0	7638	0.0	7866
3.0	7121	3.0	7074	3.0	7618
9.1	6936	6.1	6722	6.1	7379
18.2	6757	15.2	6553	15.2	7146
27.3	6582	30.3	6387	24.2	6922
33.3	6246	36.4	6069	33.3	6704
36.4	6084	48.5	5767	36.4	6493
45.5	5927	51.5	5622	39.4	6289
57.6	5773	66.7	5480	45.5	6091
60.6	5624	72.7	5342	48.5	5899
72.7	5478	75.8	5207	51.5	5534
87.9	5337	81.8	5076	54.5	5359
93.9	5064	93.9	4823	60.6	5191
97.0	4933	100.0	4701	81.8	5027
100.0	4805			93.9	4716
				97.0	4424
				100.0	4285

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	16189	0.0	27740	0.0	40471
3.0	13379	9.1	23956	3.0	34879
6.1	11782	12.1	20689	6.1	30060
12.1	9736	15.2	17867	12.1	27906
21.2	9137	24.2	16604	15.2	25907
27.3	8574	27.3	15430	24.2	24050
30.3	8046	30.3	13325	33.3	22327
36.4	7551	36.4	12383	48.5	20727
48.5	7086	51.5	11508	51.5	19242
57.6	6649	57.6	10694	60.6	17864
60.6	6240	69.7	9938	66.7	16584
69.7	5856	72.7	9236	72.7	15395
81.8	5495	75.8	8583	81.8	14292
93.9	5157	78.8	7976	84.8	13268
100.0	4839	93.9	7412	87.9	12318
		100.0	6888	97.0	10616
				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	50921	0.0	52162	0.0	98096
6.1	44333	9.1	49437	3.0	67333
9.1	36013	12.1	46854	6.1	62451
15.2	33603	24.2	44407	9.1	53724
24.2	31353	27.3	42087	24.2	49829
27.3	29255	33.3	39888	33.3	46217
36.4	27297	39.4	37804	36.4	42866
45.5	25470	57.6	35829	42.4	39758
69.7	23765	60.6	33957	66.7	36876
75.8	20690	63.6	32183	78.8	34203
78.8	18013	69.7	30502	81.8	31723
84.8	16807	75.8	27398	93.9	29423
90.9	15682	84.8	24610	97.0	25312
97.0	14633	87.9	23324	100.0	23477
100.0	13653	90.9	22106		
		93.9	20951		
		97.0	19857		
		100.0	18819		

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	83759	0.0	80066	0.0	80084
6.1	75813	3.0	71098	3.0	72088
9.1	68621	9.1	63135	9.1	67206
15.2	62111	12.1	60684	12.1	64891
24.2	59091	18.2	58328	15.2	58412
27.3	56219	24.2	56063	21.2	56400
33.3	53485	36.4	53887	33.3	54456
48.5	50885	45.5	51795	48.5	52580
54.5	48411	51.5	49784	63.6	50768
57.6	46058	66.7	47851	69.7	49019
69.7	43819	72.7	42492	81.8	47330
75.8	41688	81.8	40842	84.8	45700
81.8	39662	87.9	39256	87.9	44125
87.9	37734	100.0	37732	97.0	42605
90.9	35899			100.0	41137
93.9	34154				
100.0	32493				
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	60334	0.0	92069	0.0	80582
6.1	59001	3.0	71300	3.0	77269
9.1	57698	9.1	65475	9.1	74092
15.2	56423	18.2	62744	15.2	71046
21.2	55176	24.2	60127	18.2	65325
30.3	52765	33.3	57619	24.2	62639
36.4	51599	42.4	55215	30.3	60064
42.4	50459	51.5	52912	42.4	57595
51.5	49344	57.6	50705	45.5	55227
63.6	48253	66.7	48590	57.6	52956
81.8	45125	78.8	46563	66.7	50779
90.9	44128	90.9	42760	72.7	48692
93.9	40355	100.0	40976	81.8	46690
100.0	39464			84.8	42930
				90.9	41165
				93.9	37850
				100.0	36294

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

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	76006	0.0	79783	0.0	94731
9.1	72836	3.0	76187	3.0	84860
15.2	66886	9.1	72753	6.1	71948
21.2	64096	21.2	69474	15.2	68097
27.3	58861	24.2	63353	18.2	64452
39.4	56406	33.3	60498	30.3	61001
51.5	54053	45.5	57771	33.3	57736
57.6	51798	60.6	55167	54.5	54645
69.7	49638	63.6	52681	63.6	51720
75.8	47567	66.7	50307	72.7	48951
78.8	45583	78.8	48039	78.8	46331
84.8	43682	87.9	43807	90.9	43851
87.9	41860	93.9	39947	97.0	35188
90.9	40114	97.0	34786	100.0	33305
97.0	35301	100.0	33218		
100.0	33828				
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	123119	0.0	94265	0.0	87724
3.0	102075	6.1	86485	3.0	68736
6.1	92943	9.1	72798	9.1	58421
9.1	84628	12.1	66790	15.2	53859
12.1	77057	15.2	61277	24.2	49653
15.2	63887	24.2	56220	27.3	45776
24.2	58171	42.4	51580	45.5	42201
42.4	52967	60.6	47323	54.5	38906
63.6	48228	69.7	43417	72.7	35868
78.8	43914	84.8	39834	87.9	33067
84.8	39985	90.9	36546	90.9	30485
93.9	33151	93.9	30762	97.0	20302
97.0	22787	97.0	19997	100.0	18716
100.0	20748	100.0	18347		

TABLE 16 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE I

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	60065	0.0	52954
6.1	56657	12.1	49870
12.1	53442	15.2	46965
15.2	50410	18.2	44229
18.2	47549	27.3	39226
30.3	44851	36.4	36942
33.3	39906	42.4	34790
39.4	37642	60.6	32763
48.5	35506	66.7	30855
63.6	33491	69.7	29058
75.8	31591	75.8	27365
78.8	29798	84.8	25771
81.8	28107	97.0	17978
90.9	26512	100.0	16931
93.9	25008		
97.0	20988		
100.0	19797		

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (CFS)
0.0	72474	0.0	69238	79129
3.0	52059	3.0	41027	46888
9.1	44122	9.1	37600	42972
15.2	40619	18.2	34460	39382
18.2	37395	33.3	31581	36093
27.3	34426	36.4	28943	33078
45.5	31693	48.5	26526	30315
51.5	29177	60.6	24310	27783
57.6	26861	84.8	20419	23336
72.7	24729	87.9	18713	21387
87.9	22766	93.9	17150	19600
97.0	16353	97.0	14405	16463
100.0	15055	100.0	13202	15088

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 17

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	71896	0.0	81633	0.0	56247
9.1	67692	3.0	68557	12.1	45756
12.1	60006	6.1	57576	15.2	42713
21.2	53193	9.1	52764	18.2	37222
30.3	50082	15.2	48354	27.3	34746
42.4	44396	30.3	44312	45.5	32436
51.5	37054	36.4	40609	66.7	30279
57.6	34887	54.5	37215	72.7	26386
72.7	32847	66.7	34104	81.8	24631
78.8	30926	72.7	31254	90.9	20037
87.9	27415	78.8	28642	97.0	16300
90.9	25812	84.8	26248	100.0	15216
97.0	24302	90.9	22044		
100.0	22881	93.9	16965		
		100.0	15547		

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	47955	0.0	42157	0.0	42928
6.1	44774	3.0	37074	3.0	35402
9.1	41804	6.1	34767	6.1	31133
15.2	39031	9.1	30575	9.1	29195
18.2	36442	21.2	28673	18.2	27378
21.2	34025	30.3	26889	24.2	25674
27.3	31768	36.4	25216	30.3	24077
36.4	29661	51.5	23647	42.4	22578
42.4	27694	63.6	22175	51.5	21173
66.7	25857	69.7	20796	69.7	19856
75.8	24142	75.8	19502	78.8	18620
81.8	22540	78.8	18288	81.8	17461
84.8	21045	90.9	17150	84.8	16374
87.9	19649	93.9	15082	87.9	15355
90.9	18346	97.0	13264	93.9	13504
93.9	15993	100.0	12439	100.0	12663
97.0	13942				
100.0	13017				

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	41346	0.0	28629	0.0	26336
3.0	28365	3.0	23690	3.0	25301
6.1	26639	9.1	22595	6.1	24306
9.1	25017	21.2	21550	9.1	23350
21.2	23494	27.3	20554	12.1	22431
27.3	22064	33.3	19603	15.2	21549
36.4	20721	39.4	18697	21.2	20702
45.5	19460	45.5	17833	24.2	19887
54.5	18275	54.5	17008	45.5	19105
69.7	17163	66.7	15472	54.5	18354
81.8	16118	75.8	14756	57.6	17632
87.9	15137	87.9	14074	60.6	16939
93.9	13350	97.0	12211	63.6	16272
100.0	12537	100.0	11646	66.7	15632
				78.8	15018
				84.8	14427
				87.9	13859
				97.0	12791
				100.0	12288
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	24365	0.0	25002	0.0	22589
3.0	21439	3.0	20236	3.0	20067
6.1	20544	15.2	19398	6.1	19290
15.2	19686	21.2	18595	15.2	18544
21.2	18864	39.4	17825	24.2	17826
36.4	18076	54.5	17087	36.4	17136
48.5	16598	60.6	16379	54.5	16473
60.6	15905	66.7	15701	63.6	15836
66.7	15241	72.7	15051	69.7	15223
81.8	14605	87.9	14427	78.8	14634
87.9	13995	90.9	13830	90.9	12497
90.9	13411	93.9	13257	97.0	11102
97.0	11307	97.0	11677	100.0	10672
100.0	10835	100.0	11194		

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	20600	0.0	20757	0.0	18397
3.0	19839	3.0	20035	3.0	17433
6.1	19107	6.1	19339	12.1	16970
12.1	18402	12.1	18666	21.2	16519
18.2	17723	18.2	17391	30.3	16080
24.2	17069	30.3	16787	36.4	15237
30.3	16439	39.4	16203	57.6	14832
42.4	15832	51.5	15640	66.7	14438
54.5	15248	54.5	15096	75.8	14054
66.7	14685	72.7	14571	87.9	13317
78.8	14144	78.8	14065	90.9	12963
90.9	12635	81.8	13576	93.9	12619
93.9	11719	87.9	13104	97.0	11330
97.0	10469	90.9	12648	100.0	11029
100.0	10083	97.0	10979		
		100.0	10597		

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	16425	0.0	16165	0.0	16643
6.1	15795	6.1	15845	3.0	15972
9.1	15489	9.1	15531	6.1	15329
15.2	15189	12.1	15224	9.1	15017
27.3	14894	18.2	14922	21.2	14712
54.5	14323	39.4	14627	27.3	14412
66.7	14045	48.5	14337	45.5	14119
78.8	13773	57.6	14053	60.6	13832
87.9	13506	66.7	13775	72.7	13550
93.9	13244	84.8	13502	78.8	13275
97.0	11548	87.9	13235	81.8	13005
100.0	11325	90.9	12218	87.9	11978
		97.0	11278	97.0	11496
		100.0	11055	100.0	11262

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	16184	0.0	16295	0.0	16633
6.1	15892	3.0	15963	3.0	15910
9.1	15606	6.1	15636	6.1	15561
12.1	15324	12.1	15317	15.2	14885
18.2	15048	15.2	15004	18.2	14558
27.3	14777	24.2	14398	27.3	14238
33.3	14510	30.3	14104	33.3	13925
36.4	14249	48.5	13816	51.5	13619
48.5	13992	54.5	13533	63.6	13320
57.6	13739	72.7	13257	72.7	13028
69.7	13492	78.8	12721	78.8	12462
75.8	13248	81.8	12461	84.8	12188
78.8	12775	84.8	12207	87.9	11920
84.8	12544	90.9	11957	90.9	11659
90.9	12096	93.9	11474	93.9	11152
93.9	11878	97.0	11240	100.0	10907
97.0	11664	100.0	11010		
100.0	11454				
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	15791	0.0	14798	0.0	14217
6.1	15466	6.1	14167	3.0	13313
9.1	14838	9.1	13270	6.1	13024
12.1	14533	12.1	12984	9.1	12466
18.2	14234	24.2	12704	15.2	12195
21.2	13942	30.3	12430	18.2	11931
24.2	13656	39.4	12162	33.3	11673
42.4	13375	42.4	11900	36.4	11420
48.5	13101	60.6	11643	39.4	11172
57.6	12831	63.6	11392	45.5	10930
72.7	12310	69.7	11147	54.5	10693
75.8	12057	78.8	10906	60.6	10461
84.8	11567	84.8	10671	72.7	10234
87.9	11329	87.9	10441	78.8	9796
93.9	10869	90.9	10216	84.8	9583
100.0	10645	97.0	9996	100.0	9376
		100.0	9780		

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	13218	0.0	13149	0.0	13658
3.0	12666	3.0	11964	3.0	12563
6.1	12398	6.1	11685	6.1	11557
9.1	11880	12.1	11413	9.1	11240
15.2	11384	18.2	10886	12.1	10931
18.2	11143	24.2	10632	24.2	10631
30.3	10677	33.3	10384	30.3	10339
33.3	10452	39.4	10142	36.4	9779
42.4	10231	42.4	9905	45.5	9511
48.5	10015	45.5	9674	51.5	9250
63.6	9597	54.5	9449	69.7	8996
66.7	9394	60.6	9228	84.8	8749
81.8	9195	72.7	9013	93.9	8509
87.9	9001	81.8	8803	97.0	8275
100.0	8811	90.9	8597	100.0	8048
		100.0	8397		
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	13911	0.0	14998	0.0	19881
3.0	11675	3.0	13154	3.0	16868
6.1	11272	6.1	12591	6.1	15969
15.2	10509	9.1	12053	9.1	14312
21.2	10147	12.1	11537	12.1	13549
36.4	9798	18.2	10571	21.2	12826
39.4	9134	24.2	10119	24.2	12143
48.5	8820	39.4	9686	30.3	11495
60.6	8516	48.5	8875	33.3	10883
84.8	8223	69.7	8495	39.4	10302
90.9	7939	75.8	8131	48.5	9753
93.9	7666	87.9	7783	63.6	9233
97.0	7402	90.9	7450	72.7	8741
100.0	7147	93.9	7132	78.8	8275
		97.0	6827	90.9	7834
		100.0	6534	93.9	7416
				100.0	7021

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	45109	0.0	90583	0.0	84661
6.1	40086	6.1	80327	6.1	78930
9.1	35622	12.1	71233	12.1	73587
12.1	31655	21.2	63168	24.2	63962
18.2	28130	24.2	56016	30.3	59632
24.2	24998	30.3	49674	39.4	55595
36.4	22214	33.3	44050	51.5	51832
42.4	19740	39.4	39063	63.6	48323
48.5	15589	48.5	30718	69.7	45052
57.6	13853	54.5	27240	78.8	42003
63.6	12310	60.6	24156	81.8	39159
66.7	10939	66.7	21421	90.9	36508
75.8	9721	75.8	18996	93.9	27582
78.8	8639	84.8	16845	97.0	23975
87.9	7677	87.9	14938	100.0	22352
90.9	6822	90.9	13247		
93.9	6062	93.9	11747		
97.0	5387	97.0	10417		
100.0	4787	100.0	9238		

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	82663	0.0	112609	0.0	134223
15.2	78528	6.1	104607	6.1	127392
18.2	70868	18.2	97175	9.1	120909
24.2	67322	27.3	90270	15.2	108915
42.4	63955	30.3	83856	30.3	103372
45.5	60755	42.4	77898	33.3	98111
57.6	57716	54.5	72363	39.4	93118
69.7	54829	57.6	67221	57.6	88379
72.7	52086	66.7	62445	63.6	79612
93.9	49480	72.7	58008	75.8	75560
97.0	32820	84.8	53886	81.8	68065
100.0	31178	93.9	46501	84.8	64601
		97.0	29881	93.9	58193
		100.0	27758	97.0	52420
				100.0	49752

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	152727	0.0	150604	0.0	156571
3.0	143374	3.0	137732	3.0	151359
9.1	134594	6.1	131714	6.1	136740
12.1	111351	9.1	125960	9.1	132188
27.3	104532	18.2	120457	12.1	127788
36.4	98131	21.2	115194	21.2	119421
39.4	92122	30.3	105349	36.4	115446
51.5	86480	45.5	100746	57.6	111602
66.7	81184	57.6	96345	69.7	107887
72.7	76213	72.7	92135	78.8	104296
81.8	71546	78.8	88110	84.8	100824
87.9	67165	84.8	80579	93.9	91086
90.9	63052	87.9	77059	97.0	85122
97.0	48969	93.9	73692	100.0	82289
100.0	45970	97.0	67394		
		100.0	64449		

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	149062	0.0	172539	0.0	171461
3.0	144702	3.0	153707	6.1	164971
6.1	140469	9.1	147899	12.1	152720
9.1	136360	15.2	136931	15.2	146939
12.1	132371	30.3	131757	18.2	141378
18.2	128499	39.4	126777	24.2	136027
24.2	124740	48.5	117376	30.3	130878
27.3	121091	60.6	112940	36.4	125925
30.3	117549	69.7	108672	39.4	121159
39.4	114110	72.7	104565	51.5	116573
51.5	110772	78.8	100614	57.6	112161
54.5	107532	84.8	96812	72.7	107916
66.7	104386	93.9	93153	78.8	99901
69.7	101333	97.0	86245	81.8	96120
75.8	98368	100.0	82986	84.8	92482
78.8	95491			87.9	88982
90.9	92697			90.9	85614
93.9	89986			100.0	82374
97.0	87353				
100.0	84798				

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

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	181094	0.0	165841
3.0	158694	3.0	174108	6.1	145743
9.1	151926	6.1	160934	9.1	141111
12.1	145448	9.1	154725	15.2	136627
18.2	139245	12.1	143017	21.2	132284
24.2	133307	15.2	137500	33.3	124010
30.3	127622	21.2	127096	39.4	120069
39.4	116969	30.3	122193	42.4	116253
48.5	111981	39.4	117479	60.6	112558
54.5	107206	51.5	112946	66.7	108981
66.7	102634	63.6	108589	72.7	105518
69.7	98257	66.7	104400	78.8	102164
78.8	94067	75.8	100372	87.9	98918
84.8	90056	81.8	96500	90.9	95774
90.9	82539	84.8	92777	93.9	92730
100.0	79019	87.9	89198	100.0	89783
		100.0	85757		
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	201122	0.0	136402	0.0	119075
3.0	190054	9.1	130310	3.0	109978
6.1	151546	12.1	124490	9.1	101576
12.1	135325	15.2	118930	12.1	97619
27.3	127877	21.2	113618	21.2	93816
30.3	120840	24.2	108543	24.2	90161
39.4	114190	36.4	103695	30.3	86649
51.5	107906	45.5	99064	45.5	83273
60.6	101967	54.5	94640	51.5	80029
72.7	96356	57.6	90413	63.6	76911
81.8	91053	72.7	86375	69.7	73915
87.9	86042	84.8	82517	72.7	71036
90.9	76832	93.9	75311	78.8	68268
93.9	72604	97.0	59929	90.9	65609
100.0	68608	100.0	57253	93.9	63053
				97.0	58236
				100.0	55967

TABLE 17 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE I

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	97795	0.0	101944
6.1	93809	3.0	96824
12.1	89985	12.1	91962
15.2	86318	21.2	87343
21.2	82799	27.3	82957
27.3	79424	30.3	78791
30.3	76187	33.3	74834
39.4	73082	42.4	71076
45.5	70103	48.5	67506
57.6	67246	60.6	64116
66.7	64505	63.6	57838
72.7	61876	75.8	54933
75.8	59354	78.8	52175
78.8	54614	81.8	49554
81.8	52388	84.8	47066
84.8	50252	87.9	44702
87.9	48204	93.9	42457
93.9	46239	97.0	40325
100.0	44355	100.0	38300

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (CFS)
0.0	170986	0.0	107008	122295
3.0	145828	9.1	92791	106047
9.1	106073	21.2	86408	98752
12.1	97959	27.3	80463	91958
21.2	90466	33.3	74928	85632
30.3	83546	36.4	64973	74255
39.4	77156	42.4	60503	69147
42.4	71254	51.5	56341	64390
45.5	65803	54.5	52465	59960
57.6	60770	63.6	48856	55835
69.7	56122	66.7	45495	51994
78.8	51829	72.7	42365	48417
81.8	47864	84.8	39450	45086
84.8	44203	87.9	36736	41984
90.9	40822	90.9	34209	39096
100.0	37699	97.0	29664	33902
		100.0	27623	31570

^{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 18

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONVE ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5636.	0.	0.	5636.	1999.2	481.	6117.
2	4029.	5968.	0.	0.	5968.	1997.7	431.	6399.
3	3518.	6308.	0.	0.	6308.	1995.6	375.	6683.
4	2007.	6710.	0.	0.	6710.	1992.0	214.	6924.
5	1248.	7045.	0.	0.	7045.	1987.6	142.	7187.
6	1176.	7377.	0.	0.	7377.	1982.9	132.	7509.
7	1103.	7397.	0.	0.	7397.	1978.2	124.	7521.
8	1042.	7709.	0.	0.	7709.	1973.1	117.	7826.
9	994.	8017.	0.	0.	8017.	1967.8	111.	8128.
10	903.	8438.	0.	0.	8438.	1962.1	126.	8564.
11	903.	8651.	0.	0.	8651.	1956.3	126.	8777.
12	903.	8425.	0.	0.	8425.	1950.6	126.	8551.
13	903.	7987.	0.	0.	7987.	1944.4	126.	8113.
14	828.	7767.	0.	0.	7767.	1938.3	100.	7867.
15	812.	7794.	0.	0.	7794.	1932.1	99.	7893.
16	812.	7808.	0.	0.	7808.	1925.9	99.	7907.
17	812.	7821.	0.	0.	7821.	1919.7	99.	7920.
18	757.	6268.	0.	0.	6268.	1914.8	92.	6360.
19	667.	6309.	0.	0.	6309.	1909.8	96.	6405.
20	667.	6278.	0.	0.	6278.	1904.8	96.	6374.
21	667.	6294.	0.	0.	6294.	1899.8	96.	6390.
22	641.	6238.	0.	0.	6238.	1894.0	91.	6329.
23	618.	5962.	0.	0.	5962.	1888.5	75.	6037.
24	618.	5764.	0.	0.	5764.	1883.1	75.	5839.
25	618.	5547.	0.	0.	5547.	1878.0	75.	5622.
26	618.	5405.	0.	0.	5405.	1873.0	75.	5480.
27	542.	5323.	0.	0.	5323.	1868.1	90.	5413.
28	700.	5146.	0.	0.	5146.	1863.5	112.	5258.
29	1071.	4962.	0.	0.	4962.	1859.4	176.	5138.
30	1861.	4700.	0.	0.	4700.	1856.5	305.	5005.
31	4923.	4258.	0.	0.	4258.	1857.2	655.	4913.
32	14338.	3992.	0.	0.	3992.	1867.9	1932.	5924.
33	15945.	3821.	0.	0.	3821.	1880.5	2149.	5970.
34	7915.	3616.	0.	0.	3616.	1884.9	1067.	4683.
35	13828.	3258.	0.	0.	3258.	1895.9	1866.	5124.
36	26696.	1996.	0.	0.	1996.	1918.4	2027.	4023.
37	19247.	1601.	0.	0.	1601.	1934.0	1461.	3062.
38	12238.	1341.	0.	0.	1341.	1943.7	930.	2271.
39	17232.	1485.	0.	0.	1485.	1956.5	1310.	2795.
40	18464.	1333.	2329.	0.	3661.	1967.7	1614.	5275.
41	21682.	1426.	4913.	0.	6339.	1979.3	1897.	8236.
42	20740.	1310.	5144.	0.	6454.	1990.1	1816.	8270.
43	19074.	1237.	5423.	0.	6660.	1999.5	1668.	8328.
44	17891.	2160.	0.	15077.	17237.	2000.0	2168.	19405.
45	14413.	1912.	0.	12501.	14413.	2000.0	1803.	16216.
46	15312.	0.	0.	15312.	15312.	2000.0	1917.	17229.
47	14985.	0.	0.	14985.	14985.	2000.0	1875.	16860.
48	21048.	0.	0.	21048.	21048.	2000.0	2629.	23677.
49	24531.	531.	0.	24000.	24531.	2000.0	3723.	28254.
50	15237.	0.	0.	15237.	15237.	2000.0	2313.	17550.
51	15738.	0.	0.	15738.	15738.	2000.0	2390.	18128.
52	13323.	0.	0.	13323.	13323.	2000.0	2022.	15345.

TABLE 18

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	5636.	0.	0.	5636.	1999.2	481.	6117.
2	4029.	5968.	0.	0.	5968.	1997.7	431.	6399.
3	3518.	6308.	0.	0.	6308.	1995.6	375.	6683.
4	2007.	6710.	0.	0.	6710.	1992.0	214.	6924.
5	1248.	7045.	0.	0.	7045.	1987.6	142.	7187.
6	1176.	7377.	0.	0.	7377.	1982.9	132.	7509.
7	1103.	7397.	0.	0.	7397.	1978.2	124.	7521.
8	1042.	7709.	0.	0.	7709.	1973.1	117.	7826.
9	994.	8017.	0.	0.	8017.	1967.8	111.	8128.
10	903.	8438.	0.	0.	8438.	1962.1	126.	8564.
11	903.	8651.	0.	0.	8651.	1956.3	126.	8777.
12	903.	8425.	0.	0.	8425.	1950.6	126.	8551.
13	903.	7987.	0.	0.	7987.	1944.4	126.	8113.
14	828.	7767.	0.	0.	7767.	1938.3	100.	7867.
15	812.	7794.	0.	0.	7794.	1932.1	99.	7893.
16	812.	7808.	0.	0.	7808.	1925.9	99.	7907.
17	812.	7821.	0.	0.	7821.	1919.7	99.	7920.
18	757.	6268.	0.	0.	6268.	1914.8	92.	6360.
19	667.	6309.	0.	0.	6309.	1909.8	96.	6405.
20	667.	6278.	0.	0.	6278.	1904.8	96.	6374.
21	667.	6294.	0.	0.	6294.	1899.8	96.	6390.
22	641.	6238.	0.	0.	6238.	1894.0	91.	6329.
23	618.	5962.	0.	0.	5962.	1888.5	75.	6037.
24	618.	5764.	0.	0.	5764.	1883.1	75.	5839.
25	618.	5547.	0.	0.	5547.	1878.0	75.	5622.
26	618.	5405.	0.	0.	5405.	1873.0	75.	5480.
27	542.	5323.	0.	0.	5323.	1868.1	90.	5413.
28	700.	5146.	0.	0.	5146.	1863.5	112.	5258.
29	1071.	4962.	0.	0.	4962.	1859.4	176.	5138.
30	1861.	4700.	0.	0.	4700.	1856.5	305.	5005.
31	4923.	4258.	0.	0.	4258.	1857.2	655.	4913.
32	14338.	3992.	0.	0.	3992.	1867.9	1932.	5924.
33	15945.	3821.	0.	0.	3821.	1880.5	2149.	5970.
34	7915.	3616.	0.	0.	3616.	1884.9	1067.	4683.
35	13828.	3258.	0.	0.	3258.	1895.9	1866.	5124.
36	26696.	1996.	0.	0.	1996.	1918.4	2027.	4023.
37	19247.	1601.	0.	0.	1601.	1934.0	1461.	3062.
38	12238.	1341.	0.	0.	1341.	1943.7	930.	2271.
39	17232.	1485.	0.	0.	1485.	1956.5	1310.	2795.
40	18464.	1333.	2329.	0.	3661.	1967.7	1614.	5275.
41	21682.	1426.	4913.	0.	6339.	1979.3	1897.	8236.
42	20740.	1310.	5144.	0.	6454.	1990.1	1816.	8270.
43	19074.	1237.	5423.	0.	6660.	1999.5	1668.	8328.
44	17891.	2160.	0.	15077.	17237.	2000.0	2168.	19405.
45	14413.	1912.	0.	12501.	14413.	2000.0	1803.	16216.
46	15312.	0.	0.	15312.	15312.	2000.0	1917.	17229.
47	14985.	0.	0.	14985.	14985.	2000.0	1875.	16860.
48	21048.	0.	0.	21048.	21048.	2000.0	2629.	23677.
49	24531.	531.	0.	24000.	24531.	2000.0	3723.	28254.
50	15237.	0.	0.	15237.	15237.	2000.0	2313.	17550.
51	15738.	0.	0.	15738.	15738.	2000.0	2390.	18128.
52	13323.	0.	0.	13323.	13323.	2000.0	2022.	15345.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1952 1	7559.	2903.	0.	4656.	7559.	2000.0	1019.	8578.
2	5055.	5830.	0.	0.	5830.	1999.4	680.	6510.
3	3674.	6234.	0.	0.	6234.	1997.5	495.	6729.
4	2855.	6606.	0.	0.	6606.	1994.6	385.	6991.
5	2793.	6843.	0.	0.	6843.	1991.6	482.	7325.
6	2609.	7179.	0.	0.	7179.	1988.1	442.	7621.
7	1928.	7553.	0.	0.	7553.	1983.9	328.	7881.
8	1908.	7709.	0.	0.	7709.	1979.5	323.	8032.
9	1761.	8017.	0.	0.	8017.	1974.7	299.	8316.
10	1489.	8438.	0.	0.	8438.	1969.5	255.	8693.
11	1489.	8651.	0.	0.	8651.	1964.1	255.	8906.
12	1489.	8425.	0.	0.	8425.	1958.8	255.	8680.
13	1489.	7987.	0.	0.	7987.	1953.9	255.	8242.
14	1329.	7767.	0.	0.	7767.	1948.9	218.	7985.
15	1299.	7794.	0.	0.	7794.	1943.1	213.	8007.
16	1299.	7808.	0.	0.	7808.	1937.4	213.	8021.
17	1299.	7821.	0.	0.	7821.	1931.6	213.	8034.
18	1069.	7835.	0.	0.	7835.	1925.6	173.	8008.
19	819.	7886.	0.	0.	7886.	1919.3	94.	7980.
20	819.	7848.	0.	0.	7848.	1913.1	94.	7942.
21	819.	6294.	0.	0.	6294.	1908.3	94.	6388.
22	784.	6238.	0.	0.	6238.	1903.4	92.	6330.
23	730.	5962.	0.	0.	5962.	1898.6	93.	6055.
24	730.	5764.	0.	0.	5764.	1893.4	93.	5857.
25	730.	5547.	0.	0.	5547.	1888.4	93.	5640.
26	730.	5405.	0.	0.	5405.	1883.5	93.	5498.
27	796.	5323.	0.	0.	5323.	1878.8	69.	5392.
28	796.	5146.	0.	0.	5146.	1874.3	69.	5215.
29	796.	4962.	0.	0.	4962.	1870.0	69.	5031.
30	796.	4700.	0.	0.	4700.	1865.9	69.	4769.
31	909.	5322.	0.	0.	5322.	1861.3	161.	5483.
32	1132.	4990.	0.	0.	4990.	1857.3	216.	5206.
33	1549.	4776.	0.	0.	4776.	1854.0	295.	5071.
34	3357.	3616.	0.	0.	3616.	1853.7	637.	4253.
35	16784.	3258.	0.	0.	3258.	1867.7	3024.	6282.
36	19892.	3039.	0.	0.	3039.	1885.2	3259.	6298.
37	28174.	2997.	0.	0.	2997.	1909.7	4614.	7611.
38	30555.	2480.	0.	0.	2480.	1934.6	5006.	7486.
39	27039.	2601.	0.	0.	2601.	1955.3	4431.	7032.
40	23527.	1163.	0.	0.	1163.	1972.2	2928.	4091.
41	16714.	858.	0.	0.	858.	1984.2	2082.	2940.
42	21361.	1190.	0.	0.	1190.	1999.5	2660.	3850.
43	23150.	0.	0.	22460.	22460.	2000.0	2882.	25342.
44	30727.	6727.	0.	24000.	30727.	2000.0	3803.	34530.
45	19888.	0.	0.	19888.	19888.	2000.0	2684.	22572.
46	15618.	0.	0.	15618.	15618.	2000.0	2104.	17722.
47	11855.	0.	0.	11855.	11855.	2000.0	1599.	13454.
48	13935.	0.	0.	13935.	13935.	2000.0	1849.	15784.
49	15561.	0.	0.	15561.	15561.	2000.0	2532.	18093.
50	10522.	0.	0.	10522.	10522.	2000.0	1714.	12236.
51	9086.	0.	0.	9086.	9086.	2000.0	1481.	10567.
52	10876.	0.	0.	10876.	10876.	2000.0	1770.	12646.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8559.	1054.	0.	7505.	8559.	2000.0	1690.	10249.
2	7982.	2452.	0.	5530.	7982.	2000.0	1575.	9557.
3	5556.	5910.	0.	0.	5910.	1999.7	1097.	7007.
4	4049.	6372.	0.	0.	6372.	1998.0	799.	7171.
5	3948.	6708.	0.	0.	6708.	1995.9	692.	7400.
6	3377.	7074.	0.	0.	7074.	1993.1	581.	7655.
7	2164.	7492.	0.	0.	7492.	1989.1	373.	7865.
8	2652.	7761.	0.	0.	7761.	1985.2	457.	8218.
9	1913.	8017.	0.	0.	8017.	1980.6	328.	8345.
10	1250.	8438.	0.	0.	8438.	1975.1	268.	8706.
11	1250.	8651.	0.	0.	8651.	1969.5	268.	8919.
12	1250.	8425.	0.	0.	8425.	1964.1	268.	8693.
13	1250.	7987.	0.	0.	7987.	1959.0	268.	8255.
14	880.	7939.	0.	0.	7939.	1953.7	196.	8135.
15	820.	7956.	0.	0.	7956.	1948.0	181.	8137.
16	820.	7962.	0.	0.	7962.	1941.7	181.	8143.
17	820.	7970.	0.	0.	7970.	1935.3	181.	8151.
18	722.	7989.	0.	0.	7989.	1928.9	160.	8149.
19	598.	8057.	0.	0.	8057.	1922.3	130.	8187.
20	598.	8051.	0.	0.	8051.	1915.7	130.	8181.
21	598.	7867.	0.	0.	7867.	1909.2	130.	7997.
22	606.	6238.	0.	0.	6238.	1904.3	131.	6369.
23	678.	5962.	0.	0.	5962.	1899.5	92.	6054.
24	678.	5764.	0.	0.	5764.	1894.2	92.	5856.
25	678.	5547.	0.	0.	5547.	1889.2	92.	5639.
26	678.	5405.	0.	0.	5405.	1884.3	92.	5497.
27	486.	6654.	0.	0.	6654.	1877.9	29.	6683.
28	486.	6432.	0.	0.	6432.	1871.7	29.	6461.
29	785.	6202.	0.	0.	6202.	1866.1	48.	6250.
30	1308.	5875.	0.	0.	5875.	1861.3	76.	5951.
31	10007.	5171.	0.	0.	5171.	1866.4	1675.	6846.
32	13666.	4529.	0.	0.	4529.	1875.8	2485.	7014.
33	12435.	4543.	0.	0.	4543.	1884.0	2261.	6804.
34	21448.	3409.	0.	0.	3409.	1902.3	3898.	7307.
35	16652.	3791.	0.	0.	3791.	1913.7	3063.	6854.
36	27821.	2654.	0.	0.	2654.	1936.0	4862.	7516.
37	21482.	2902.	0.	0.	2902.	1952.1	3755.	6657.
38	17488.	2239.	0.	0.	2239.	1963.7	3055.	5294.
39	20466.	2330.	0.	0.	2330.	1977.4	3574.	5904.
40	17377.	1215.	0.	0.	1215.	1989.6	1737.	2952.
41	15695.	1173.	0.	775.	1948.	2000.0	1567.	3515.
42	17070.	1121.	0.	15949.	17070.	2000.0	1705.	18775.
43	17745.	0.	0.	17745.	17745.	2000.0	1773.	19518.
44	20931.	0.	0.	20931.	20931.	2000.0	3074.	24005.
45	17859.	0.	0.	17859.	17859.	2000.0	2716.	20575.
46	14312.	0.	0.	14312.	14312.	2000.0	2175.	16487.
47	14731.	0.	0.	14731.	14731.	2000.0	2241.	16972.
48	17519.	0.	0.	17519.	17519.	2000.0	2672.	20191.
49	14058.	0.	0.	14058.	14058.	2000.0	2991.	17049.
50	12806.	0.	0.	12806.	12806.	2000.0	2725.	15531.
51	10679.	0.	0.	10679.	10679.	2000.0	2272.	12951.
52	8137.	828.	0.	7309.	8137.	2000.0	1730.	9867.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1954 1	6126.	4186.	0.	1941.	6126.	2000.0	1294.	7420.
2	5080.	5624.	0.	0.	5624.	1999.6	1072.	6696.
3	3728.	6080.	0.	0.	6080.	1997.8	786.	6866.
4	2971.	6477.	0.	0.	6477.	1995.2	626.	7103.
5	1821.	6897.	0.	0.	6897.	1991.3	378.	7275.
6	1738.	7234.	0.	0.	7234.	1987.2	347.	7581.
7	1608.	7565.	0.	0.	7565.	1982.7	320.	7885.
8	1497.	7709.	0.	0.	7709.	1978.0	299.	8008.
9	1361.	8017.	0.	0.	8017.	1972.9	272.	8289.
10	1174.	8438.	0.	0.	8438.	1967.4	200.	8638.
11	1174.	8651.	0.	0.	8651.	1961.8	200.	8851.
12	1174.	8425.	0.	0.	8425.	1956.3	200.	8625.
13	1174.	7987.	0.	0.	7987.	1951.1	200.	8187.
14	1120.	7767.	0.	0.	7767.	1945.4	140.	7907.
15	1099.	7794.	0.	0.	7794.	1939.5	137.	7931.
16	1099.	7808.	0.	0.	7808.	1933.6	137.	7945.
17	1099.	7821.	0.	0.	7821.	1927.6	137.	7958.
18	982.	7835.	0.	0.	7835.	1921.5	123.	7958.
19	794.	7886.	0.	0.	7886.	1915.3	129.	8015.
20	794.	6278.	0.	0.	6278.	1910.4	129.	6407.
21	794.	6294.	0.	0.	6294.	1905.5	129.	6423.
22	716.	6238.	0.	0.	6238.	1900.6	118.	6356.
23	630.	5962.	0.	0.	5962.	1895.2	88.	6050.
24	630.	5764.	0.	0.	5764.	1889.9	88.	5852.
25	630.	5547.	0.	0.	5547.	1884.8	88.	5635.
26	630.	5405.	0.	0.	5405.	1879.8	88.	5493.
27	506.	5323.	0.	0.	5323.	1874.8	79.	5402.
28	506.	5146.	0.	0.	5146.	1870.0	79.	5225.
29	870.	4962.	0.	0.	4962.	1865.8	136.	5098.
30	930.	4700.	0.	0.	4700.	1861.9	146.	4846.
31	4308.	4258.	0.	0.	4258.	1861.9	1280.	5538.
32	8521.	3992.	0.	0.	3992.	1866.6	2613.	6605.
33	13802.	3393.	0.	0.	3393.	1877.4	4233.	7626.
34	15823.	2898.	0.	0.	2898.	1890.8	4851.	7749.
35	14807.	2949.	0.	0.	2949.	1902.7	4594.	7543.
36	19799.	3408.	0.	0.	3408.	1917.2	3646.	7054.
37	19022.	3116.	0.	0.	3116.	1931.3	3503.	6619.
38	18245.	2751.	0.	0.	2751.	1945.0	3358.	6109.
39	22178.	2939.	0.	0.	2939.	1960.3	4084.	7023.
40	19307.	3190.	0.	0.	3190.	1972.5	2306.	5496.
41	15396.	2434.	0.	0.	2434.	1982.3	1841.	4275.
42	14981.	2330.	0.	0.	2330.	1991.9	1790.	4120.
43	14981.	2349.	0.	1861.	4209.	2000.0	1790.	5999.
44	24614.	614.	0.	24000.	24614.	2000.0	4396.	29010.
45	20049.	0.	0.	20049.	20049.	2000.0	3574.	23623.
46	20049.	0.	0.	20049.	20049.	2000.0	3574.	23623.
47	20049.	0.	0.	20049.	20049.	2000.0	3574.	23623.
48	18930.	0.	0.	18930.	18930.	2000.0	3420.	22350.
49	11256.	0.	0.	11256.	11256.	2000.0	3032.	14288.
50	9676.	0.	0.	9676.	9676.	2000.0	2606.	12282.
51	9025.	0.	0.	9025.	9025.	2000.0	2431.	11456.
52	5793.	3610.	0.	2184.	5793.	2000.0	1562.	7355.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	4746.	5253.	0.	0.	5253.	1999.6	1207.	6460.
2	4461.	5595.	0.	0.	5595.	1998.8	1132.	6727.
3	3359.	6050.	0.	0.	6050.	1996.7	852.	6902.
4	3359.	6362.	0.	0.	6362.	1994.5	852.	7214.
5	2716.	6782.	0.	0.	6782.	1991.4	600.	7382.
6	2156.	7161.	0.	0.	7161.	1987.6	481.	7642.
7	2032.	7488.	0.	0.	7488.	1983.5	455.	7943.
8	1796.	7709.	0.	0.	7709.	1979.0	401.	8110.
9	1756.	8017.	0.	0.	8017.	1974.3	384.	8401.
10	1657.	8438.	0.	0.	8438.	1969.1	338.	8776.
11	1624.	8651.	0.	0.	8651.	1963.8	332.	8983.
12	1431.	8425.	0.	0.	8425.	1958.5	292.	8717.
13	1431.	7987.	0.	0.	7987.	1953.6	292.	8279.
14	1546.	7767.	0.	0.	7767.	1948.7	292.	8059.
15	1561.	7794.	0.	0.	7794.	1943.1	294.	8088.
16	1338.	7808.	0.	0.	7808.	1937.4	251.	8059.
17	1249.	7821.	0.	0.	7821.	1931.6	234.	8055.
18	1179.	7835.	0.	0.	7835.	1925.7	222.	8057.
19	1052.	7886.	0.	0.	7886.	1919.6	228.	8114.
20	1052.	7848.	0.	0.	7848.	1913.6	228.	8076.
21	1052.	6294.	0.	0.	6294.	1909.0	228.	6522.
22	949.	6238.	0.	0.	6238.	1904.3	204.	6442.
23	879.	5962.	0.	0.	5962.	1899.8	131.	6093.
24	879.	5764.	0.	0.	5764.	1894.7	131.	5895.
25	879.	5547.	0.	0.	5547.	1889.8	131.	5678.
26	879.	5405.	0.	0.	5405.	1885.1	131.	5536.
27	828.	6654.	0.	0.	6654.	1879.1	134.	6788.
28	828.	6432.	0.	0.	6432.	1873.3	134.	6566.
29	828.	6202.	0.	0.	6202.	1867.7	134.	6336.
30	828.	5875.	0.	0.	5875.	1862.5	134.	6009.
31	2519.	5322.	0.	0.	5322.	1859.5	618.	5940.
32	3321.	4990.	0.	0.	4990.	1857.8	829.	5819.
33	3882.	4776.	0.	0.	4776.	1856.9	967.	5743.
34	11626.	4179.	0.	0.	4179.	1864.6	2894.	7073.
35	12771.	3911.	0.	0.	3911.	1873.8	3183.	7094.
36	17007.	2665.	0.	0.	2665.	1888.7	2116.	4781.
37	27727.	3440.	0.	0.	3440.	1911.9	3448.	6888.
38	30081.	3273.	0.	0.	3273.	1935.6	3741.	7014.
39	28168.	2716.	0.	0.	2716.	1957.0	3505.	6221.
40	29660.	1541.	0.	0.	1541.	1978.2	3134.	4675.
41	24776.	1284.	0.	0.	1284.	1996.0	2618.	3902.
42	19124.	870.	0.	12976.	13846.	2000.0	2021.	15867.
43	22869.	0.	0.	22869.	22869.	2000.0	2413.	25282.
44	20805.	0.	0.	20805.	20805.	2000.0	1298.	22103.
45	19270.	0.	0.	19270.	19270.	2000.0	1163.	20433.
46	19771.	0.	0.	19771.	19771.	2000.0	1194.	20965.
47	24039.	39.	0.	24000.	24039.	2000.0	1449.	25488.
48	34146.	10146.	0.	24000.	34146.	2000.0	2045.	36191.
49	17921.	0.	0.	17921.	17921.	2000.0	688.	18609.
50	13691.	0.	0.	13691.	13691.	2000.0	528.	14219.
51	11128.	0.	0.	11128.	11128.	2000.0	427.	11555.
52	8763.	1678.	0.	7085.	8763.	2000.0	337.	9100.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6059.	4798.	0.	1261.	6059.	2000.0	809.	6868.
2	4461.	5877.	0.	0.	5877.	1998.9	594.	6471.
3	3633.	6243.	0.	0.	6243.	1997.0	484.	6727.
4	3129.	6591.	0.	0.	6591.	1994.3	418.	7009.
5	2062.	6963.	0.	0.	6963.	1990.6	263.	7226.
6	1721.	7308.	0.	0.	7308.	1986.4	217.	7525.
7	1581.	7635.	0.	0.	7635.	1981.8	200.	7835.
8	1393.	7709.	0.	0.	7709.	1977.0	177.	7886.
9	1306.	8017.	0.	0.	8017.	1972.0	164.	8181.
10	1027.	8438.	0.	0.	8438.	1966.4	170.	8608.
11	1027.	8651.	0.	0.	8651.	1960.6	170.	8821.
12	1027.	8425.	0.	0.	8425.	1955.0	170.	8595.
13	1027.	7987.	0.	0.	7987.	1949.7	170.	8157.
14	848.	7767.	0.	0.	7767.	1943.6	110.	7877.
15	810.	7794.	0.	0.	7794.	1937.4	103.	7897.
16	810.	7808.	0.	0.	7808.	1931.2	103.	7911.
17	810.	7821.	0.	0.	7821.	1925.0	103.	7924.
18	809.	7835.	0.	0.	7835.	1918.7	105.	7940.
19	750.	7886.	0.	0.	7886.	1912.4	142.	8028.
20	750.	6278.	0.	0.	6278.	1907.5	142.	6420.
21	750.	6294.	0.	0.	6294.	1902.6	142.	6436.
22	739.	6238.	0.	0.	6238.	1897.4	140.	6378.
23	689.	5962.	0.	0.	5962.	1891.9	160.	6122.
24	689.	5764.	0.	0.	5764.	1886.6	160.	5924.
25	689.	5547.	0.	0.	5547.	1881.6	160.	5707.
26	689.	5405.	0.	0.	5405.	1876.7	160.	5565.
27	641.	5323.	0.	0.	5323.	1871.8	129.	5452.
28	641.	5146.	0.	0.	5146.	1867.1	129.	5275.
29	641.	4962.	0.	0.	4962.	1862.7	129.	5091.
30	641.	4700.	0.	0.	4700.	1858.4	129.	4829.
31	1798.	4258.	0.	0.	4258.	1855.9	422.	4680.
32	8483.	3992.	0.	0.	3992.	1860.6	1972.	5964.
33	12106.	3821.	0.	0.	3821.	1869.2	2816.	6637.
34	24085.	2453.	0.	0.	2453.	1891.6	5602.	8055.
35	15966.	3421.	0.	0.	3421.	1904.0	3794.	7215.
36	27294.	3255.	0.	0.	3255.	1925.2	3880.	7135.
37	35522.	2440.	0.	0.	2440.	1953.9	5051.	7491.
38	26081.	2989.	0.	0.	2989.	1971.3	3709.	6698.
39	22994.	2381.	0.	0.	2381.	1986.9	3269.	5650.
40	24335.	246.	0.	6825.	7071.	2000.0	3071.	10142.
41	26536.	2536.	0.	24000.	26536.	2000.0	3349.	29885.
42	26799.	2799.	0.	24000.	26799.	2000.0	3382.	30181.
43	26153.	2153.	0.	24000.	26153.	2000.0	3301.	29454.
44	24666.	666.	0.	24000.	24666.	2000.0	4364.	29030.
45	22447.	0.	0.	22447.	22447.	2000.0	4063.	26510.
46	20285.	0.	0.	20285.	20285.	2000.0	3671.	23956.
47	16173.	0.	0.	16173.	16173.	2000.0	2926.	19099.
48	13792.	0.	0.	13792.	13792.	2000.0	2514.	16306.
49	11446.	0.	0.	11446.	11446.	2000.0	2893.	14339.
50	16046.	0.	0.	16046.	16046.	2000.0	4055.	20101.
51	15637.	0.	0.	15637.	15637.	2000.0	3951.	19588.
52	10015.	0.	0.	10015.	10015.	2000.0	2532.	12547.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1957 1	5279.	5121.	0.	158.	5279.	2000.0	1298.	6577.
2	5279.	5504.	0.	0.	5504.	1999.8	1298.	6802.
3	3583.	6029.	0.	0.	6029.	1998.0	879.	6908.
4	3300.	6378.	0.	0.	6378.	1995.7	810.	7188.
5	2789.	6768.	0.	0.	6768.	1992.6	610.	7378.
6	2342.	7135.	0.	0.	7135.	1989.0	513.	7648.
7	2247.	7457.	0.	0.	7457.	1985.1	493.	7950.
8	2123.	7709.	0.	0.	7709.	1980.8	464.	8173.
9	2035.	8017.	0.	0.	8017.	1976.3	436.	8453.
10	1908.	8438.	0.	0.	8438.	1971.4	305.	8743.
11	1852.	8651.	0.	0.	8651.	1966.2	295.	8946.
12	1509.	8425.	0.	0.	8425.	1961.0	242.	8667.
13	1509.	7987.	0.	0.	7987.	1956.1	242.	8229.
14	1399.	7767.	0.	0.	7767.	1951.3	215.	7982.
15	1378.	7794.	0.	0.	7794.	1945.8	210.	8004.
16	1378.	7961.	0.	0.	7961.	1940.0	210.	8171.
17	1378.	7966.	0.	0.	7966.	1934.2	210.	8176.
18	1310.	7975.	0.	0.	7975.	1928.3	199.	8174.
19	1193.	8019.	0.	0.	8019.	1922.2	203.	8222.
20	1193.	8007.	0.	0.	8007.	1916.2	203.	8210.
21	1193.	7867.	0.	0.	7867.	1910.3	203.	8070.
22	1079.	6238.	0.	0.	6238.	1905.7	184.	6422.
23	920.	5962.	0.	0.	5962.	1901.2	168.	6130.
24	920.	5764.	0.	0.	5764.	1896.4	168.	5932.
25	920.	5547.	0.	0.	5547.	1891.6	168.	5715.
26	920.	6756.	0.	0.	6756.	1885.6	168.	6924.
27	837.	6654.	0.	0.	6654.	1879.5	137.	6791.
28	837.	6432.	0.	0.	6432.	1873.7	137.	6569.
29	837.	6202.	0.	0.	6202.	1868.1	137.	6339.
30	837.	5875.	0.	0.	5875.	1862.9	137.	6012.
31	2452.	5322.	0.	0.	5322.	1859.9	546.	5868.
32	4269.	4990.	0.	0.	4990.	1859.2	971.	5961.
33	6969.	4776.	0.	0.	4776.	1861.5	1588.	6364.
34	15611.	3732.	0.	0.	3732.	1873.8	3559.	7291.
35	23050.	2661.	0.	0.	2661.	1895.0	5136.	7797.
36	31747.	3368.	0.	0.	3368.	1920.8	3742.	7110.
37	28053.	2794.	0.	0.	2794.	1943.2	3306.	6100.
38	24892.	2309.	0.	0.	2309.	1961.3	2933.	5242.
39	17043.	1550.	0.	0.	1550.	1973.0	2009.	3559.
40	19864.	1451.	0.	0.	1451.	1986.9	2131.	3582.
41	18252.	1394.	0.	0.	1394.	1999.7	1957.	3351.
42	20463.	1340.	0.	18701.	20040.	2000.0	2195.	22235.
43	22198.	0.	0.	22198.	22198.	2000.0	2383.	24581.
44	17659.	0.	0.	17659.	17659.	2000.0	2111.	19770.
45	17664.	0.	0.	17664.	17664.	2000.0	2107.	19771.
46	17568.	0.	0.	17568.	17568.	2000.0	2095.	19663.
47	16111.	0.	0.	16111.	16111.	2000.0	1920.	18031.
48	17804.	0.	0.	17804.	17804.	2000.0	2149.	19953.
49	14143.	0.	0.	14143.	14143.	2000.0	3094.	17237.
50	15435.	0.	0.	15435.	15435.	2000.0	3378.	18813.
51	15008.	0.	0.	15008.	15008.	2000.0	3284.	18292.
52	14415.	0.	0.	14415.	14415.	2000.0	3152.	17567.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	7628.	1990.	0.	5638.	7628.	2000.0	1775.	9403.
2	6544.	4100.	0.	2444.	6544.	2000.0	1523.	8067.
3	5337.	5834.	0.	0.	5834.	1999.6	1242.	7076.
4	5503.	6115.	0.	0.	6115.	1999.2	1281.	7396.
5	3997.	6597.	0.	0.	6597.	1997.2	888.	7485.
6	3287.	6985.	0.	0.	6985.	1994.4	734.	7719.
7	2815.	7345.	0.	0.	7345.	1991.0	628.	7973.
8	2314.	7716.	0.	0.	7716.	1986.9	517.	8233.
9	2637.	7985.	0.	0.	7985.	1982.8	584.	8569.
10	2991.	8226.	0.	0.	8226.	1978.9	877.	9103.
11	2551.	8497.	0.	0.	8497.	1974.4	749.	9246.
12	1902.	8361.	0.	0.	8361.	1969.5	558.	8919.
13	1544.	7970.	0.	0.	7970.	1964.6	454.	8424.
14	1839.	7787.	0.	0.	7787.	1960.1	389.	8176.
15	1614.	7814.	0.	0.	7814.	1955.4	339.	8153.
16	1408.	7834.	0.	0.	7834.	1950.6	295.	8129.
17	1332.	7842.	0.	0.	7842.	1944.9	279.	8121.
18	1101.	7869.	0.	0.	7869.	1938.9	230.	8099.
19	1152.	7937.	0.	0.	7937.	1932.9	181.	8118.
20	1038.	7935.	0.	0.	7935.	1926.8	163.	8098.
21	959.	7928.	0.	0.	7928.	1920.6	150.	8078.
22	959.	7857.	0.	0.	7857.	1914.5	152.	8009.
23	1024.	7520.	0.	0.	7520.	1908.8	114.	7634.
24	1000.	7298.	0.	0.	7298.	1903.2	110.	7408.
25	939.	7076.	0.	0.	7076.	1897.4	103.	7179.
26	939.	6961.	0.	0.	6961.	1891.1	103.	7064.
27	950.	6882.	0.	0.	6882.	1885.0	121.	7003.
28	1063.	6698.	0.	0.	6698.	1879.1	135.	6833.
29	1153.	6531.	0.	0.	6531.	1873.5	146.	6677.
30	1398.	6336.	0.	0.	6336.	1868.4	177.	6513.
31	3001.	5824.	0.	0.	5824.	1865.5	550.	6374.
32	5917.	4990.	0.	0.	4990.	1866.4	1133.	6123.
33	8267.	4776.	0.	0.	4776.	1870.1	1582.	6358.
34	15742.	4031.	0.	0.	4031.	1882.2	3010.	7041.
35	16842.	3835.	0.	0.	3835.	1895.7	3161.	6996.
36	24642.	2058.	0.	0.	2058.	1916.4	2474.	4532.
37	24642.	1895.	0.	0.	1895.	1936.5	2474.	4369.
38	21247.	1647.	0.	0.	1647.	1953.3	2134.	3781.
39	19363.	1462.	0.	0.	1462.	1966.8	1941.	3403.
40	18442.	2326.	0.	0.	2326.	1979.0	1806.	4132.
41	18442.	2309.	0.	0.	2309.	1991.2	1806.	4115.
42	18442.	2243.	0.	4606.	6848.	2000.0	1806.	8654.
43	18082.	2020.	0.	16062.	18082.	2000.0	1769.	19851.
44	32829.	8829.	0.	24000.	32829.	2000.0	3998.	36827.
45	23946.	0.	0.	23946.	23946.	2000.0	3051.	26997.
46	17783.	0.	0.	17783.	17783.	2000.0	2265.	20048.
47	14415.	0.	0.	14415.	14415.	2000.0	1836.	16251.
48	9969.	0.	0.	9969.	9969.	2000.0	1270.	11239.
49	6605.	2486.	0.	4119.	6605.	2000.0	1132.	7737.
50	6605.	2739.	0.	3866.	6605.	2000.0	1132.	7737.
51	5128.	4911.	0.	217.	5128.	2000.0	880.	6008.
52	5129.	5106.	0.	23.	5129.	2000.0	878.	6007.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW CONC. VALVE ENVIRON. EXCESS RELEASE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	5396.	0.	5396.	1999.4	936.	6332.
2	4050.	5760.	0.	5760.	1998.1	823.	6583.
3	3875.	6087.	0.	6087.	1996.4	787.	6874.
4	2689.	6527.	0.	6527.	1993.5	547.	7074.
5	2392.	6907.	0.	6907.	1990.1	378.	7285.
6	2068.	7256.	0.	7256.	1986.2	320.	7576.
7	1760.	7596.	0.	7596.	1981.8	275.	7871.
8	1352.	7709.	0.	7709.	1977.0	211.	7920.
9	1215.	8017.	0.	8017.	1971.8	190.	8207.
10	797.	8438.	0.	8438.	1966.0	188.	8626.
11	879.	8651.	0.	8651.	1960.2	207.	8858.
12	1375.	8425.	0.	8425.	1954.8	324.	8749.
13	1375.	7987.	0.	7987.	1949.8	324.	8311.
14	1150.	7767.	0.	7767.	1943.9	253.	8020.
15	1109.	7794.	0.	7794.	1938.0	242.	8036.
16	1056.	7808.	0.	7808.	1932.0	232.	8040.
17	1035.	7821.	0.	7821.	1926.0	227.	8048.
18	1051.	7835.	0.	7835.	1920.0	225.	8060.
19	1027.	7886.	0.	7886.	1913.9	251.	8137.
20	984.	6278.	0.	6278.	1909.3	242.	6520.
21	879.	6294.	0.	6294.	1904.5	217.	6511.
22	797.	6238.	0.	6238.	1899.6	200.	6438.
23	683.	5962.	0.	5962.	1894.1	182.	6144.
24	683.	5764.	0.	5764.	1888.8	182.	5946.
25	683.	5547.	0.	5547.	1883.8	182.	5729.
26	683.	5405.	0.	5405.	1878.9	182.	5587.
27	666.	5323.	0.	5323.	1874.0	165.	5488.
28	666.	5146.	0.	5146.	1869.4	165.	5311.
29	952.	4962.	0.	4962.	1865.2	235.	5197.
30	999.	4700.	0.	4700.	1861.4	247.	4947.
31	1801.	4258.	0.	4258.	1858.8	670.	4928.
32	2951.	3992.	0.	3992.	1857.8	1092.	5084.
33	12604.	3167.	0.	3167.	1867.6	4657.	7824.
34	17856.	1854.	0.	1854.	1884.2	6599.	8453.
35	14298.	2528.	0.	2528.	1896.4	5354.	7882.
36	20496.	3604.	0.	3604.	1911.9	3364.	6968.
37	15311.	2775.	0.	2775.	1923.0	2511.	5286.
38	18247.	2953.	0.	2953.	1936.5	2992.	5945.
39	20418.	2932.	0.	2932.	1951.7	3351.	6283.
40	21688.	1990.	0.	1990.	1966.6	2957.	4947.
41	20819.	1872.	0.	1872.	1980.9	2840.	4712.
42	22556.	1990.	0.	1990.	1996.5	3076.	5067.
43	17816.	1475.	0.	11721.	2000.0	2429.	15626.
44	18373.	0.	0.	18373.	2000.0	3570.	21943.
45	14392.	0.	0.	14392.	2000.0	2796.	17188.
46	18474.	0.	0.	18474.	2000.0	3590.	22064.
47	34121.	10121.	0.	21674.	2001.5	6635.	38430.
48	33290.	10924.	0.	20603.	2002.6	6473.	38000.
49	20953.	1042.	0.	24000.	2000.0	4882.	29924.
50	10824.	0.	0.	10824.	2000.0	2525.	13349.
51	8131.	458.	0.	7673.	2000.0	1895.	10026.
52	7669.	1280.	0.	6389.	2000.0	1790.	9459.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	1322.	0.	7212.	8534.	2000.0	1473.	10007.
2	5896.	5380.	0.	516.	5896.	2000.0	1017.	6913.
3	3243.	6198.	0.	0.	6198.	1997.8	560.	6758.
4	4051.	6435.	0.	0.	6435.	1996.0	700.	7135.
5	2692.	6825.	0.	0.	6825.	1992.8	500.	7325.
6	2292.	7181.	0.	0.	7181.	1989.1	424.	7605.
7	2194.	7503.	0.	0.	7503.	1985.1	405.	7908.
8	2064.	7709.	0.	0.	7709.	1980.9	380.	8089.
9	1962.	8017.	0.	0.	8017.	1976.3	360.	8377.
10	1656.	8438.	0.	0.	8438.	1971.1	339.	8777.
11	1656.	8651.	0.	0.	8651.	1965.8	339.	8990.
12	1656.	8425.	0.	0.	8425.	1960.7	339.	8764.
13	1656.	7987.	0.	0.	7987.	1955.9	339.	8326.
14	1541.	7767.	0.	0.	7767.	1951.2	316.	8083.
15	1523.	7794.	0.	0.	7794.	1945.9	312.	8106.
16	1360.	7923.	0.	0.	7923.	1940.1	277.	8200.
17	1295.	7935.	0.	0.	7935.	1934.2	264.	8199.
18	1227.	7948.	0.	0.	7948.	1928.2	247.	8195.
19	1175.	8019.	0.	0.	8019.	1922.2	203.	8222.
20	1152.	8009.	0.	0.	8009.	1916.1	199.	8208.
21	1097.	7867.	0.	0.	7867.	1910.1	189.	8056.
22	1062.	6238.	0.	0.	6238.	1905.5	185.	6423.
23	1041.	5962.	0.	0.	5962.	1901.2	164.	6126.
24	996.	5764.	0.	0.	5764.	1896.4	156.	5920.
25	882.	5547.	0.	0.	5547.	1891.6	137.	5684.
26	882.	6756.	0.	0.	6756.	1885.5	137.	6893.
27	694.	6654.	0.	0.	6654.	1879.3	96.	6750.
28	694.	6432.	0.	0.	6432.	1873.3	96.	6528.
29	910.	6202.	0.	0.	6202.	1867.8	125.	6327.
30	945.	5875.	0.	0.	5875.	1862.7	132.	6007.
31	4703.	5322.	0.	0.	5322.	1862.1	642.	5964.
32	6668.	4990.	0.	0.	4990.	1863.8	898.	5888.
33	12886.	4776.	0.	0.	4776.	1872.2	1731.	6507.
34	20055.	4203.	0.	0.	4203.	1888.7	2695.	6898.
35	20716.	4009.	0.	0.	4009.	1905.2	2808.	6817.
36	11838.	2514.	0.	0.	2514.	1913.4	1290.	3804.
37	12275.	2469.	0.	0.	2469.	1922.1	1335.	3804.
38	12710.	2432.	0.	0.	2432.	1931.2	1383.	3815.
39	13971.	2431.	0.	0.	2431.	1941.4	1520.	3951.
40	19936.	1298.	0.	0.	1298.	1956.8	2220.	3518.
41	14780.	1162.	438.	0.	1599.	1966.7	1646.	3245.
42	17003.	1273.	5173.	0.	6446.	1974.7	1895.	8341.
43	23312.	1513.	3985.	0.	5498.	1988.2	2599.	8097.
44	26487.	2886.	0.	8003.	10889.	2000.0	3567.	14456.
45	20467.	2614.	0.	17853.	20467.	2000.0	2937.	23404.
46	18086.	0.	0.	18086.	18086.	2000.0	2595.	20681.
47	17477.	0.	0.	17477.	17477.	2000.0	2507.	19984.
48	16811.	0.	0.	16811.	16811.	2000.0	2415.	19226.
49	14281.	0.	0.	14281.	14281.	2000.0	2542.	16823.
50	22570.	0.	0.	22570.	22570.	2000.0	4016.	26586.
51	15996.	0.	0.	15996.	15996.	2000.0	2848.	18844.
52	11980.	0.	0.	11980.	11980.	2000.0	2132.	14112.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961 1	9778.	0.	0.	9778.	9778.	2000.0	1813.	11591.
2	7102.	3712.	0.	3391.	7102.	2000.0	1316.	8418.
3	5050.	5995.	0.	0.	5995.	1999.3	936.	6931.
4	3678.	6437.	0.	0.	6437.	1997.2	682.	7119.
5	2753.	6809.	0.	0.	6809.	1994.1	516.	7325.
6	2516.	7150.	0.	0.	7150.	1990.6	465.	7615.
7	2319.	7479.	0.	0.	7479.	1986.7	430.	7909.
8	2058.	7822.	0.	0.	7822.	1982.4	381.	8203.
9	2118.	8017.	0.	0.	8017.	1977.9	390.	8407.
10	2126.	8438.	0.	0.	8438.	1973.1	508.	8946.
11	2085.	8651.	0.	0.	8651.	1968.2	498.	9149.
12	1833.	8425.	0.	0.	8425.	1963.2	438.	8863.
13	1833.	7987.	0.	0.	7987.	1958.5	438.	8425.
14	1776.	7809.	0.	0.	7809.	1954.0	435.	8244.
15	1773.	7812.	0.	0.	7812.	1949.3	430.	8242.
16	1825.	7802.	0.	0.	7802.	1944.0	443.	8245.
17	1846.	7799.	0.	0.	7799.	1938.7	448.	8247.
18	1601.	7828.	0.	0.	7828.	1933.2	387.	8215.
19	1317.	7925.	0.	0.	7925.	1927.3	287.	8212.
20	1297.	7917.	0.	0.	7917.	1921.5	281.	8198.
21	1246.	7909.	0.	0.	7909.	1915.6	270.	8179.
22	1181.	7798.	0.	0.	7798.	1909.7	265.	8063.
23	1097.	7452.	0.	0.	7452.	1904.1	255.	7707.
24	1222.	7205.	0.	0.	7205.	1898.6	283.	7488.
25	1535.	6934.	0.	0.	6934.	1893.0	356.	7290.
26	1535.	6756.	0.	0.	6756.	1887.6	356.	7112.
27	1617.	6768.	0.	0.	6768.	1882.2	379.	7147.
28	1617.	6587.	0.	0.	6587.	1877.1	379.	6966.
29	1783.	6377.	0.	0.	6377.	1872.3	418.	6795.
30	1811.	6191.	0.	0.	6191.	1867.7	424.	6615.
31	5580.	5539.	0.	0.	5539.	1867.8	1001.	6540.
32	10306.	4935.	0.	0.	4935.	1873.4	1795.	6730.
33	17834.	4008.	0.	0.	4008.	1887.7	3106.	7114.
34	16989.	3966.	0.	0.	3966.	1901.0	2958.	6924.
35	15795.	3932.	0.	0.	3932.	1911.6	2833.	6765.
36	14578.	2980.	0.	0.	2980.	1921.8	2747.	5727.
37	23810.	3707.	0.	0.	3707.	1939.6	4488.	8195.
38	29749.	2033.	0.	0.	2033.	1962.1	5608.	7641.
39	24996.	2388.	0.	0.	2388.	1979.2	4712.	7100.
40	18341.	1712.	0.	0.	1712.	1991.8	2958.	4670.
41	19253.	0.	0.	8403.	8403.	2000.0	3104.	11507.
42	19937.	0.	0.	19937.	19937.	2000.0	3213.	23150.
43	20655.	0.	0.	20655.	20655.	2000.0	3329.	23984.
44	22581.	0.	0.	22581.	22581.	2000.0	2011.	24592.
45	23083.	0.	0.	23083.	23083.	2000.0	1978.	25061.
46	19710.	0.	0.	19710.	19710.	2000.0	1689.	21399.
47	18708.	0.	0.	18708.	18708.	2000.0	1602.	20310.
48	13842.	0.	0.	13842.	13842.	2000.0	1211.	15053.
49	9309.	0.	0.	9309.	9309.	2000.0	1953.	11262.
50	10560.	0.	0.	10560.	10560.	2000.0	2218.	12778.
51	10059.	0.	0.	10059.	10059.	2000.0	2110.	12169.
52	10131.	0.	0.	10131.	10131.	2000.0	2125.	12256.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	8304.	1550.	0.	6754.	8304.	2000.0	1497.	9801.
2	3663.	5843.	0.	0.	5843.	1998.4	661.	6504.
3	3663.	6153.	0.	0.	6153.	1996.5	661.	6814.
4	3663.	6464.	0.	0.	6464.	1994.3	661.	7125.
5	2910.	6907.	0.	0.	6907.	1991.3	364.	7271.
6	2187.	7273.	0.	0.	7273.	1987.5	271.	7544.
7	2187.	7587.	0.	0.	7587.	1983.4	271.	7858.
8	2187.	7709.	0.	0.	7709.	1979.2	271.	7980.
9	2067.	8017.	0.	0.	8017.	1974.7	254.	8271.
10	1742.	8438.	0.	0.	8438.	1969.7	218.	8656.
11	1742.	8651.	0.	0.	8651.	1964.4	218.	8869.
12	1742.	8425.	0.	0.	8425.	1959.4	218.	8643.
13	1742.	7987.	0.	0.	7987.	1954.6	218.	8205.
14	1645.	7767.	0.	0.	7767.	1950.0	192.	7959.
15	1626.	7794.	0.	0.	7794.	1944.6	189.	7983.
16	1626.	7808.	0.	0.	7808.	1939.1	189.	7997.
17	1626.	7821.	0.	0.	7821.	1933.6	189.	8010.
18	1462.	7995.	0.	0.	7995.	1927.8	172.	8167.
19	1237.	8050.	0.	0.	8050.	1921.8	155.	8205.
20	1237.	7848.	0.	0.	7848.	1915.9	155.	8003.
21	1237.	7867.	0.	0.	7867.	1910.0	155.	8022.
22	1207.	6238.	0.	0.	6238.	1905.6	152.	6390.
23	1174.	5962.	0.	0.	5962.	1901.3	142.	6104.
24	1174.	5764.	0.	0.	5764.	1896.8	142.	5906.
25	1174.	5547.	0.	0.	5547.	1892.3	142.	5689.
26	1174.	6756.	0.	0.	6756.	1886.5	142.	6898.
27	1335.	6916.	0.	0.	6916.	1880.7	151.	7067.
28	1335.	6739.	0.	0.	6739.	1875.1	151.	6890.
29	1335.	6202.	0.	0.	6202.	1870.0	151.	6353.
30	1335.	5875.	0.	0.	5875.	1865.3	151.	6026.
31	3165.	5322.	0.	0.	5322.	1863.1	226.	5548.
32	3896.	4990.	0.	0.	4990.	1861.9	277.	5267.
33	10571.	4776.	0.	0.	4776.	1868.0	754.	5530.
34	15580.	4520.	0.	0.	4520.	1879.4	1110.	5630.
35	25042.	4073.	0.	0.	4073.	1901.0	1780.	5853.
36	25502.	2704.	0.	0.	2704.	1921.2	3374.	6078.
37	49464.	2454.	0.	0.	2454.	1961.0	6546.	9000.
38	42296.	1998.	0.	0.	1998.	1991.5	5595.	7593.
39	29941.	0.	0.	18651.	18651.	2000.0	3961.	22612.
40	24659.	659.	0.	24000.	24659.	2000.0	1504.	26163.
41	24076.	76.	0.	24000.	24076.	2000.0	1467.	25543.
42	20979.	0.	0.	20979.	20979.	2000.0	1279.	22258.
43	24659.	659.	0.	24000.	24659.	2000.0	1504.	26163.
44	22051.	0.	0.	22051.	22051.	2000.0	2563.	24614.
45	19487.	0.	0.	19487.	19487.	2000.0	2312.	21799.
46	19487.	0.	0.	19487.	19487.	2000.0	2312.	21799.
47	19487.	0.	0.	19487.	19487.	2000.0	2312.	21799.
48	19844.	0.	0.	19844.	19844.	2000.0	2365.	22209.
49	18961.	0.	0.	18961.	18961.	2000.0	3047.	22008.
50	11972.	0.	0.	11972.	11972.	2000.0	1927.	13899.
51	9699.	0.	0.	9699.	9699.	2000.0	1558.	11257.
52	9763.	0.	0.	9763.	9763.	2000.0	1569.	11332.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	7677.	2727.	0.	4950.	7677.	2000.0	1060.	8737.
2	5846.	5669.	0.	178.	5846.	2000.0	807.	6653.
3	5094.	6118.	0.	0.	6118.	1999.2	703.	6821.
4	4603.	6460.	0.	0.	6460.	1997.8	635.	7095.
5	3273.	6945.	0.	0.	6945.	1995.0	249.	7194.
6	2427.	7295.	0.	0.	7295.	1991.4	180.	7475.
7	2427.	7607.	0.	0.	7607.	1987.4	180.	7787.
8	2427.	7923.	0.	0.	7923.	1983.3	180.	8103.
9	2243.	8017.	0.	0.	8017.	1978.9	167.	8184.
10	1684.	8438.	0.	0.	8438.	1973.8	188.	8626.
11	1684.	8651.	0.	0.	8651.	1968.5	188.	8839.
12	1684.	8425.	0.	0.	8425.	1963.4	188.	8613.
13	1684.	7987.	0.	0.	7987.	1958.7	188.	8175.
14	1346.	7942.	0.	0.	7942.	1953.7	194.	8136.
15	1303.	7951.	0.	0.	7951.	1948.4	187.	8138.
16	1303.	7953.	0.	0.	7953.	1942.5	187.	8140.
17	1303.	7958.	0.	0.	7958.	1936.6	187.	8145.
18	1284.	7963.	0.	0.	7963.	1930.7	181.	8144.
19	1203.	7993.	0.	0.	7993.	1924.7	211.	8204.
20	1203.	7980.	0.	0.	7980.	1918.7	211.	8191.
21	1203.	7867.	0.	0.	7867.	1912.8	211.	8078.
22	1015.	6238.	0.	0.	6238.	1908.2	173.	6411.
23	870.	5962.	0.	0.	5962.	1903.7	63.	6025.
24	870.	5764.	0.	0.	5764.	1899.2	63.	5827.
25	870.	6934.	0.	0.	6934.	1892.9	63.	6997.
26	870.	6756.	0.	0.	6756.	1886.8	63.	6819.
27	680.	7000.	0.	0.	7000.	1880.3	13.	7013.
28	680.	6432.	0.	0.	6432.	1874.3	13.	6445.
29	680.	6202.	0.	0.	6202.	1868.6	13.	6215.
30	680.	5875.	0.	0.	5875.	1863.2	13.	5888.
31	2138.	5322.	0.	0.	5322.	1859.9	322.	5644.
32	2871.	4990.	0.	0.	4990.	1857.7	449.	5439.
33	16185.	4466.	0.	0.	4466.	1869.8	2529.	6995.
34	26173.	3351.	0.	0.	3351.	1893.5	4088.	7439.
35	29395.	2873.	0.	0.	2873.	1918.0	4660.	7533.
36	20039.	3521.	0.	0.	3521.	1932.6	3344.	6865.
37	20039.	3396.	0.	0.	3396.	1947.3	3344.	6740.
38	20039.	3278.	0.	0.	3278.	1960.4	3344.	6622.
39	20039.	3140.	0.	0.	3140.	1973.2	3344.	6484.
40	25591.	2338.	0.	0.	2338.	1990.8	3317.	5655.
41	33081.	0.	0.	20875.	20875.	2000.0	4287.	25162.
42	31343.	7343.	0.	24000.	31343.	2000.0	4064.	35407.
43	26765.	2765.	0.	24000.	26765.	2000.0	3469.	30234.
44	24772.	772.	0.	24000.	24772.	2000.0	2100.	26872.
45	22882.	0.	0.	22882.	22882.	2000.0	1847.	24729.
46	19853.	0.	0.	19853.	19853.	2000.0	1602.	21455.
47	20996.	0.	0.	20996.	20996.	2000.0	1695.	22691.
48	17689.	0.	0.	17689.	17689.	2000.0	1433.	19122.
49	13124.	0.	0.	13124.	13124.	2000.0	1194.	14318.
50	11736.	0.	0.	11736.	11736.	2000.0	1068.	12804.
51	9384.	222.	0.	9162.	9384.	2000.0	855.	10239.
52	8325.	1696.	0.	6629.	8325.	2000.0	758.	9083.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	3180.	0.	4024.	7204.	2000.0	1123.	8327.
2	6067.	5271.	0.	796.	6067.	2000.0	944.	7011.
3	4963.	6081.	0.	0.	6081.	1999.2	774.	6855.
4	3760.	6488.	0.	0.	6488.	1997.1	587.	7075.
5	2277.	6882.	0.	0.	6882.	1993.6	381.	7263.
6	2037.	7222.	0.	0.	7222.	1989.7	337.	7559.
7	1803.	7558.	0.	0.	7558.	1985.3	297.	7855.
8	1489.	7709.	0.	0.	7709.	1980.6	247.	7956.
9	1454.	8017.	0.	0.	8017.	1975.7	236.	8253.
10	1358.	8438.	0.	0.	8438.	1970.3	218.	8656.
11	1311.	8651.	0.	0.	8651.	1964.8	212.	8863.
12	1038.	8425.	0.	0.	8425.	1959.2	167.	8592.
13	1038.	7987.	0.	0.	7987.	1953.9	167.	8154.
14	913.	7767.	0.	0.	7767.	1948.5	134.	7901.
15	888.	7794.	0.	0.	7794.	1942.4	132.	7926.
16	830.	7808.	0.	0.	7808.	1936.2	124.	7932.
17	807.	7821.	0.	0.	7821.	1930.0	119.	7940.
18	816.	7835.	0.	0.	7835.	1923.8	118.	7953.
19	818.	7886.	0.	0.	7886.	1917.5	124.	8010.
20	802.	7848.	0.	0.	7848.	1911.3	120.	7968.
21	760.	6294.	0.	0.	6294.	1906.4	116.	6410.
22	696.	6238.	0.	0.	6238.	1901.5	106.	6344.
23	612.	5962.	0.	0.	5962.	1896.2	95.	6057.
24	588.	5764.	0.	0.	5764.	1890.8	91.	5855.
25	524.	5547.	0.	0.	5547.	1885.6	82.	5629.
26	524.	5405.	0.	0.	5405.	1880.5	82.	5487.
27	588.	5323.	0.	0.	5323.	1875.6	86.	5409.
28	588.	5146.	0.	0.	5146.	1870.9	86.	5232.
29	637.	4962.	0.	0.	4962.	1866.4	93.	5055.
30	646.	4700.	0.	0.	4700.	1862.2	94.	4794.
31	524.	4258.	0.	0.	4258.	1858.3	66.	4324.
32	521.	3992.	0.	0.	3992.	1854.7	83.	4075.
33	699.	3821.	0.	0.	3821.	1851.5	110.	3931.
34	1548.	2952.	0.	0.	2952.	1850.0	242.	3194.
35	17791.	3258.	0.	0.	3258.	1865.1	2238.	5496.
36	66753.	1052.	0.	0.	1052.	1928.4	7730.	8782.
37	45845.	1023.	0.	0.	1023.	1965.5	5308.	6331.
38	38257.	834.	0.	0.	834.	1993.8	4430.	5264.
39	27669.	0.	0.	19425.	19425.	2000.0	3203.	22628.
40	22261.	0.	0.	22261.	22261.	2000.0	2009.	24270.
41	22938.	0.	0.	22938.	22938.	2000.0	2071.	25009.
42	21646.	0.	0.	21646.	21646.	2000.0	1955.	23601.
43	14854.	0.	0.	14854.	14854.	2000.0	1340.	16194.
44	16893.	0.	0.	16893.	16893.	2000.0	1836.	18729.
45	15985.	0.	0.	15985.	15985.	2000.0	1751.	17736.
46	12889.	0.	0.	12889.	12889.	2000.0	1411.	14300.
47	13741.	0.	0.	13741.	13741.	2000.0	1506.	15247.
48	11603.	0.	0.	11603.	11603.	2000.0	1277.	12880.
49	8901.	0.	0.	8901.	8901.	2000.0	1588.	10489.
50	7255.	1840.	0.	5415.	7255.	2000.0	1293.	8548.
51	7294.	2041.	0.	5253.	7294.	2000.0	1301.	8595.
52	6247.	3603.	0.	2644.	6247.	2000.0	1114.	7361.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	5814.	4603.	0.	1211.	5814.	2000.0	1230.	7044.
2	6506.	4304.	0.	2202.	6506.	2000.0	1377.	7883.
3	4258.	6016.	0.	0.	6016.	1998.7	901.	6917.
4	3387.	6423.	0.	0.	6423.	1996.4	717.	7140.
5	2593.	6917.	0.	0.	6917.	1993.1	321.	7238.
6	2408.	7256.	0.	0.	7256.	1989.4	279.	7535.
7	2383.	7570.	0.	0.	7570.	1985.5	276.	7846.
8	2656.	7709.	0.	0.	7709.	1981.7	307.	8016.
9	1708.	8017.	0.	0.	8017.	1976.9	198.	8215.
10	1175.	8438.	0.	0.	8438.	1971.4	96.	8534.
11	1047.	8651.	0.	0.	8651.	1965.7	86.	8737.
12	952.	8425.	0.	0.	8425.	1960.0	78.	8503.
13	952.	7987.	0.	0.	7987.	1954.7	78.	8065.
14	880.	7767.	0.	0.	7767.	1949.4	63.	7830.
15	866.	7794.	0.	0.	7794.	1943.3	62.	7856.
16	866.	7808.	0.	0.	7808.	1937.1	62.	7870.
17	866.	7821.	0.	0.	7821.	1931.0	62.	7883.
18	821.	7835.	0.	0.	7835.	1924.7	59.	7894.
19	764.	7886.	0.	0.	7886.	1918.4	56.	7942.
20	764.	7848.	0.	0.	7848.	1912.2	56.	7904.
21	764.	6294.	0.	0.	6294.	1907.3	56.	6350.
22	785.	6238.	0.	0.	6238.	1902.4	56.	6294.
23	809.	5962.	0.	0.	5962.	1897.5	61.	6023.
24	809.	5764.	0.	0.	5764.	1892.4	61.	5825.
25	809.	5547.	0.	0.	5547.	1887.4	61.	5608.
26	809.	5405.	0.	0.	5405.	1882.7	61.	5466.
27	1050.	5323.	0.	0.	5323.	1878.2	65.	5388.
28	1050.	5146.	0.	0.	5146.	1874.0	65.	5211.
29	1324.	4962.	0.	0.	4962.	1870.2	82.	5044.
30	1370.	5875.	0.	0.	5875.	1865.5	84.	5959.
31	1702.	5322.	0.	0.	5322.	1861.8	197.	5519.
32	4582.	4990.	0.	0.	4990.	1861.4	548.	5538.
33	7973.	4776.	0.	0.	4776.	1864.7	952.	5728.
34	14365.	4520.	0.	0.	4520.	1874.9	1719.	6239.
35	28598.	3718.	0.	0.	3718.	1900.6	3363.	7081.
36	18020.	2811.	0.	0.	2811.	1914.1	2494.	5305.
37	19249.	2719.	0.	0.	2719.	1928.7	2667.	5386.
38	18396.	2439.	0.	0.	2439.	1942.9	2546.	4985.
39	27076.	3009.	0.	0.	3009.	1962.1	3750.	6759.
40	25264.	2190.	0.	0.	2190.	1979.6	3194.	5384.
41	25478.	2131.	0.	0.	2131.	1997.2	3220.	5351.
42	23730.	0.	0.	20051.	20051.	2000.0	3000.	23051.
43	20581.	0.	0.	20581.	20581.	2000.0	2600.	23181.
44	18313.	0.	0.	18313.	18313.	2000.0	2559.	20872.
45	16343.	0.	0.	16343.	16343.	2000.0	2243.	18586.
46	25247.	1247.	0.	24000.	25247.	2000.0	3464.	28711.
47	16925.	0.	0.	16925.	16925.	2000.0	2322.	19247.
48	9394.	0.	0.	9394.	9394.	2000.0	1299.	10693.
49	14093.	0.	0.	14093.	14093.	2000.0	1740.	15833.
50	17314.	0.	0.	17314.	17314.	2000.0	2138.	19452.
51	15844.	0.	0.	15844.	15844.	2000.0	1957.	17801.
52	18328.	0.	0.	18328.	18328.	2000.0	2263.	20591.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	0.	0.	10948.	10948.	2000.0	2686.	13634.
2	6087.	4641.	0.	1446.	6087.	2000.0	1492.	7579.
3	2852.	6126.	0.	0.	6126.	1997.5	698.	6824.
4	2359.	6505.	0.	0.	6505.	1994.4	578.	7083.
5	2043.	6860.	0.	0.	6860.	1990.7	457.	7317.
6	1676.	7228.	0.	0.	7228.	1986.5	366.	7594.
7	1481.	7569.	0.	0.	7569.	1981.9	323.	7892.
8	1412.	7709.	0.	0.	7709.	1977.2	309.	8018.
9	1361.	8017.	0.	0.	8017.	1972.1	295.	8312.
10	1265.	8438.	0.	0.	8438.	1966.7	289.	8727.
11	1223.	8651.	0.	0.	8651.	1961.1	280.	8931.
12	1174.	8425.	0.	0.	8425.	1955.6	268.	8693.
13	1129.	7987.	0.	0.	7987.	1950.4	259.	8246.
14	1075.	7767.	0.	0.	7767.	1944.6	223.	7990.
15	1062.	7794.	0.	0.	7794.	1938.6	219.	8013.
16	1062.	7808.	0.	0.	7808.	1932.6	219.	8027.
17	1062.	7821.	0.	0.	7821.	1926.6	219.	8040.
18	1025.	7835.	0.	0.	7835.	1920.6	213.	8048.
19	980.	7886.	0.	0.	7886.	1914.5	200.	8086.
20	980.	6278.	0.	0.	6278.	1909.8	200.	6478.
21	980.	6294.	0.	0.	6294.	1905.1	200.	6494.
22	983.	6238.	0.	0.	6238.	1900.4	201.	6439.
23	985.	5962.	0.	0.	5962.	1895.4	202.	6164.
24	985.	5764.	0.	0.	5764.	1890.4	202.	5966.
25	985.	5547.	0.	0.	5547.	1885.7	202.	5749.
26	985.	5405.	0.	0.	5405.	1881.1	202.	5607.
27	1091.	5323.	0.	0.	5323.	1876.7	226.	5549.
28	1091.	5146.	0.	0.	5146.	1872.5	226.	5372.
29	1432.	4962.	0.	0.	4962.	1868.8	299.	5261.
30	1490.	4700.	0.	0.	4700.	1865.5	310.	5010.
31	2210.	5322.	0.	0.	5322.	1862.2	504.	5826.
32	2873.	4990.	0.	0.	4990.	1860.0	667.	5657.
33	5322.	4776.	0.	0.	4776.	1860.6	1235.	6011.
34	10202.	4494.	0.	0.	4494.	1866.5	2367.	6861.
35	16017.	3584.	0.	0.	3584.	1879.4	3686.	7270.
36	37660.	1800.	0.	0.	1800.	1914.2	6451.	8251.
37	26954.	2725.	0.	0.	2725.	1935.7	4615.	7340.
38	22768.	2997.	0.	0.	2997.	1952.7	3900.	6897.
39	19214.	2365.	0.	0.	2365.	1965.5	3291.	5656.
40	15178.	1324.	0.	0.	1324.	1976.0	2212.	3536.
41	14458.	1310.	0.	0.	1310.	1985.9	2106.	3416.
42	15132.	1428.	0.	0.	1428.	1996.3	2205.	3633.
43	17122.	1562.	0.	10620.	12182.	2000.0	2493.	14675.
44	22511.	0.	0.	22511.	22511.	2000.0	3578.	26089.
45	18320.	0.	0.	18320.	18320.	2000.0	3025.	21345.
46	15064.	0.	0.	15064.	15064.	2000.0	2488.	17552.
47	18252.	0.	0.	18252.	18252.	2000.0	3014.	21266.
48	14606.	0.	0.	14606.	14606.	2000.0	2410.	17016.
49	10023.	0.	0.	10023.	10023.	2000.0	1779.	11802.
50	9733.	0.	0.	9733.	9733.	2000.0	1729.	11462.
51	9623.	0.	0.	9623.	9623.	2000.0	1708.	11331.
52	7019.	2599.	0.	4420.	7019.	2000.0	1248.	8267.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	5525.	5221.	0.	304.	5525.	2000.0	962.	6487.
2	3705.	5851.	0.	0.	5851.	1998.4	645.	6496.
3	2802.	6247.	0.	0.	6247.	1995.8	486.	6733.
4	1896.	6647.	0.	0.	6647.	1992.2	331.	6978.
5	1290.	6972.	0.	0.	6972.	1987.9	278.	7250.
6	1192.	7309.	0.	0.	7309.	1983.3	254.	7563.
7	1192.	7397.	0.	0.	7397.	1978.6	254.	7651.
8	1192.	7709.	0.	0.	7709.	1973.6	254.	7963.
9	1173.	8017.	0.	0.	8017.	1968.5	249.	8266.
10	1119.	8438.	0.	0.	8438.	1962.9	242.	8680.
11	1119.	8651.	0.	0.	8651.	1957.2	242.	8893.
12	1119.	8425.	0.	0.	8425.	1951.7	242.	8667.
13	1119.	7987.	0.	0.	7987.	1945.9	242.	8229.
14	1105.	7767.	0.	0.	7767.	1940.0	257.	8024.
15	1106.	7794.	0.	0.	7794.	1934.1	257.	8051.
16	1106.	7808.	0.	0.	7808.	1928.1	257.	8065.
17	1106.	7821.	0.	0.	7821.	1922.2	257.	8078.
18	1077.	7835.	0.	0.	7835.	1916.2	248.	8083.
19	1037.	6309.	0.	0.	6309.	1911.5	238.	6547.
20	1037.	6278.	0.	0.	6278.	1906.9	238.	6516.
21	1037.	6294.	0.	0.	6294.	1902.2	238.	6532.
22	965.	6238.	0.	0.	6238.	1897.1	223.	6461.
23	882.	5962.	0.	0.	5962.	1891.9	196.	6158.
24	882.	5764.	0.	0.	5764.	1886.8	196.	5960.
25	882.	5547.	0.	0.	5547.	1882.0	196.	5743.
26	882.	5405.	0.	0.	5405.	1877.3	196.	5601.
27	771.	5323.	0.	0.	5323.	1872.5	192.	5515.
28	771.	5146.	0.	0.	5146.	1868.0	192.	5338.
29	790.	4962.	0.	0.	4962.	1863.7	199.	5161.
30	910.	4700.	0.	0.	4700.	1859.7	228.	4928.
31	1409.	4258.	0.	0.	4258.	1856.8	215.	4473.
32	4044.	3992.	0.	0.	3992.	1856.8	605.	4597.
33	14066.	3821.	0.	0.	3821.	1867.5	2103.	5924.
34	19680.	3616.	0.	0.	3616.	1884.1	2944.	6560.
35	23533.	3258.	0.	0.	3258.	1904.4	3528.	6786.
36	22187.	3025.	0.	0.	3025.	1921.4	2731.	5756.
37	29069.	3373.	0.	0.	3373.	1944.2	3579.	6952.
38	24227.	2637.	0.	0.	2637.	1961.3	2982.	5619.
39	23703.	2328.	0.	0.	2328.	1977.5	2917.	5245.
40	17634.	1636.	0.	0.	1636.	1989.6	2442.	4078.
41	17564.	1617.	0.	2216.	3834.	2000.0	2431.	6265.
42	24423.	423.	0.	24000.	24423.	2000.0	3382.	27805.
43	28466.	4466.	0.	24000.	28466.	2000.0	3942.	32408.
44	21665.	0.	0.	21665.	21665.	2000.0	3511.	25176.
45	20177.	0.	0.	20177.	20177.	2000.0	3228.	23405.
46	44209.	10368.	0.	20559.	30927.	2008.4	7073.	38000.
47	24653.	10515.	0.	23539.	34054.	2002.5	3946.	38000.
48	16555.	0.	0.	20436.	20436.	2000.0	2674.	23110.
49	23511.	0.	0.	23511.	23511.	2000.0	3524.	27035.
50	13875.	0.	0.	13875.	13875.	2000.0	2080.	15955.
51	10087.	0.	0.	10087.	10087.	2000.0	1510.	11597.
52	7666.	1995.	0.	5672.	7666.	2000.0	1147.	8813.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA TURBINE DISCHARGE	OUTFLOW		TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
			ENVIRON. RELEASE	EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	5636.	5284.	0.	352.	5636.	2000.0	794.	6430.
2	4692.	5841.	0.	0.	5841.	1999.1	661.	6502.
3	3669.	6224.	0.	0.	6224.	1997.2	518.	6742.
4	2797.	6603.	0.	0.	6603.	1994.3	394.	6997.
5	2340.	6927.	0.	0.	6927.	1990.8	330.	7257.
6	1987.	7273.	0.	0.	7273.	1986.9	278.	7551.
7	1881.	7597.	0.	0.	7597.	1982.5	264.	7861.
8	1812.	7709.	0.	0.	7709.	1978.1	252.	7961.
9	1780.	8017.	0.	0.	8017.	1973.3	246.	8263.
10	1740.	8438.	0.	0.	8438.	1968.3	229.	8667.
11	1740.	8651.	0.	0.	8651.	1963.1	229.	8880.
12	1669.	8425.	0.	0.	8425.	1957.9	219.	8644.
13	1657.	7987.	0.	0.	7987.	1953.2	218.	8205.
14	1633.	7767.	0.	0.	7767.	1948.3	235.	8002.
15	1634.	7794.	0.	0.	7794.	1942.8	235.	8029.
16	1634.	7808.	0.	0.	7808.	1937.3	235.	8043.
17	1611.	7821.	0.	0.	7821.	1931.8	231.	8052.
18	1552.	7835.	0.	0.	7835.	1926.3	224.	8059.
19	1561.	7886.	0.	0.	7886.	1920.7	218.	8104.
20	1561.	7848.	0.	0.	7848.	1915.1	218.	8066.
21	1561.	7867.	0.	0.	7867.	1909.5	218.	8085.
22	1561.	6238.	0.	0.	6238.	1905.4	218.	6456.
23	1560.	5962.	0.	0.	5962.	1901.5	219.	6181.
24	1560.	5764.	0.	0.	5764.	1897.4	219.	5983.
25	1560.	5547.	0.	0.	5547.	1893.2	219.	5766.
26	1560.	6756.	0.	0.	6756.	1887.8	219.	6975.
27	1544.	6871.	0.	0.	6871.	1882.3	206.	7077.
28	1485.	6697.	0.	0.	6697.	1876.9	199.	6896.
29	1556.	6508.	0.	0.	6508.	1871.8	208.	6716.
30	1662.	6322.	0.	0.	6322.	1866.9	221.	6543.
31	1787.	5995.	0.	0.	5995.	1862.6	300.	6295.
32	2353.	4990.	0.	0.	4990.	1859.8	395.	5385.
33	10464.	4776.	0.	0.	4776.	1865.7	1753.	6529.
34	27061.	3091.	0.	0.	3091.	1890.6	4536.	7627.
35	21911.	3457.	0.	0.	3457.	1908.3	3703.	7160.
36	21507.	3232.	0.	0.	3232.	1924.5	3114.	6346.
37	29938.	3314.	0.	0.	3314.	1948.1	4336.	7650.
38	30356.	2685.	0.	0.	2685.	1969.3	4397.	7082.
39	22099.	2349.	0.	0.	2349.	1984.2	3201.	5550.
40	24724.	1613.	0.	2277.	3889.	2000.0	3099.	6988.
41	22504.	0.	0.	22504.	22504.	2000.0	2821.	25325.
42	21723.	0.	0.	21723.	21723.	2000.0	2724.	24447.
43	20991.	0.	0.	20991.	20991.	2000.0	2632.	23623.
44	18324.	0.	0.	18324.	18324.	2000.0	2500.	20824.
45	16541.	0.	0.	16541.	16541.	2000.0	2275.	18816.
46	13759.	0.	0.	13759.	13759.	2000.0	1894.	15653.
47	12436.	0.	0.	12436.	12436.	2000.0	1709.	14145.
48	11024.	0.	0.	11024.	11024.	2000.0	1515.	12539.
49	9099.	0.	0.	9099.	9099.	2000.0	1354.	10453.
50	9115.	0.	0.	9115.	9115.	2000.0	1356.	10471.
51	5821.	4157.	0.	1664.	5821.	2000.0	866.	6687.
52	4456.	5232.	0.	0.	5232.	1999.3	664.	5896.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	5583.	0.	0.	5583.	1998.3	589.	6172.
2	3593.	5933.	0.	0.	5933.	1996.5	509.	6442.
3	2768.	6307.	0.	0.	6307.	1993.8	392.	6699.
4	2457.	6650.	0.	0.	6650.	1990.6	348.	6998.
5	2109.	6980.	0.	0.	6980.	1987.0	277.	7258.
6	1631.	7337.	0.	0.	7337.	1982.6	213.	7550.
7	1241.	7397.	0.	0.	7397.	1978.0	163.	7560.
8	1087.	7709.	0.	0.	7709.	1973.0	142.	7851.
9	901.	8017.	0.	0.	8017.	1967.6	116.	8133.
10	809.	8438.	0.	0.	8438.	1961.8	87.	8525.
11	767.	8651.	0.	0.	8651.	1955.9	82.	8733.
12	724.	8425.	0.	0.	8425.	1950.0	77.	8502.
13	687.	7987.	0.	0.	7987.	1943.6	74.	8061.
14	658.	7767.	0.	0.	7767.	1937.3	73.	7840.
15	640.	7794.	0.	0.	7794.	1930.9	71.	7865.
16	598.	7808.	0.	0.	7808.	1924.5	65.	7873.
17	598.	7821.	0.	0.	7821.	1918.1	65.	7886.
18	598.	6268.	0.	0.	6268.	1913.1	65.	6333.
19	587.	6309.	0.	0.	6309.	1908.1	73.	6382.
20	599.	6278.	0.	0.	6278.	1903.0	74.	6352.
21	630.	6294.	0.	0.	6294.	1897.7	77.	6371.
22	630.	6238.	0.	0.	6238.	1891.8	77.	6315.
23	655.	5962.	0.	0.	5962.	1886.3	80.	6042.
24	673.	5764.	0.	0.	5764.	1881.1	82.	5846.
25	709.	5547.	0.	0.	5547.	1876.0	87.	5634.
26	732.	5405.	0.	0.	5405.	1871.2	90.	5495.
27	779.	5323.	0.	0.	5323.	1866.5	99.	5422.
28	919.	5146.	0.	0.	5146.	1862.1	117.	5263.
29	1196.	4962.	0.	0.	4962.	1858.2	152.	5114.
30	1696.	4700.	0.	0.	4700.	1855.1	216.	4916.
31	2867.	4258.	0.	0.	4258.	1853.6	341.	4599.
32	5116.	3992.	0.	0.	3992.	1854.8	611.	4603.
33	9727.	3821.	0.	0.	3821.	1860.9	1165.	4986.
34	17064.	3616.	0.	0.	3616.	1874.9	2040.	5656.
35	10209.	3258.	0.	0.	3258.	1882.1	1237.	4495.
36	11525.	3039.	0.	0.	3039.	1890.9	787.	3826.
37	14689.	2997.	0.	0.	2997.	1902.6	1003.	4000.
38	16092.	3008.	0.	0.	3008.	1914.2	1099.	4107.
39	14614.	2729.	0.	0.	2729.	1924.7	996.	3725.
40	13051.	1870.	0.	0.	1870.	1934.6	674.	2544.
41	16518.	2002.	0.	0.	2002.	1947.5	854.	2856.
42	16974.	2004.	4572.	0.	6575.	1955.7	874.	7449.
43	14188.	1944.	5101.	0.	7045.	1961.1	733.	7778.
44	11668.	2844.	3439.	0.	6282.	1965.2	1035.	7317.
45	12201.	3147.	2769.	0.	5915.	1969.9	1126.	7041.
46	6318.	2813.	4107.	0.	6919.	1969.5	585.	7504.
47	5126.	2897.	4228.	0.	7125.	1968.0	472.	7597.
48	4792.	3205.	3994.	0.	7199.	1966.1	442.	7641.
49	5256.	3578.	3375.	0.	6953.	1964.9	668.	7621.
50	4595.	4898.	1186.	0.	6084.	1963.7	584.	6668.
51	3939.	5524.	0.	0.	5524.	1962.5	502.	6026.
52	3308.	5566.	0.	0.	5566.	1960.6	421.	5987.

TABLE 19

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II.

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	6117.	6117.	0.	0.	6117.	1455.0	255.	6372.
2	6399.	6399.	0.	0.	6399.	1455.0	226.	6625.
3	6683.	6683.	0.	0.	6683.	1455.0	198.	6881.
4	6924.	6924.	0.	0.	6924.	1455.0	113.	7037.
5	7187.	7187.	0.	0.	7187.	1455.0	81.	7268.
6	7509.	7509.	0.	0.	7509.	1455.0	78.	7587.
7	7521.	7521.	0.	0.	7521.	1455.0	73.	7594.
8	7826.	7826.	0.	0.	7826.	1455.0	70.	7896.
9	8128.	8128.	0.	0.	8128.	1455.0	66.	8194.
10	8564.	8564.	0.	0.	8564.	1455.0	71.	8635.
11	8777.	8777.	0.	0.	8777.	1455.0	71.	8848.
12	8551.	8551.	0.	0.	8551.	1455.0	71.	8622.
13	8113.	8113.	0.	0.	8113.	1455.0	71.	8184.
14	7867.	7867.	0.	0.	7867.	1455.0	52.	7919.
15	7893.	7893.	0.	0.	7893.	1455.0	49.	7942.
16	7907.	7907.	0.	0.	7907.	1455.0	49.	7956.
17	7920.	7920.	0.	0.	7920.	1455.0	49.	7969.
18	6360.	6360.	0.	0.	6360.	1455.0	51.	6411.
19	6405.	6405.	0.	0.	6405.	1455.0	57.	6462.
20	6374.	6374.	0.	0.	6374.	1455.0	57.	6431.
21	6390.	6390.	0.	0.	6390.	1455.0	57.	6447.
22	6329.	6329.	0.	0.	6329.	1455.0	54.	6383.
23	6037.	6037.	0.	0.	6037.	1455.0	47.	6084.
24	5839.	5839.	0.	0.	5839.	1455.0	47.	5886.
25	5622.	5622.	0.	0.	5622.	1455.0	47.	5669.
26	5480.	5480.	0.	0.	5480.	1455.0	47.	5527.
27	5413.	5413.	0.	0.	5413.	1455.0	142.	5555.
28	5258.	5258.	0.	0.	5258.	1455.0	185.	5443.
29	5138.	5138.	0.	0.	5138.	1455.0	282.	5420.
30	5005.	5005.	0.	0.	5005.	1455.0	491.	5496.
31	4913.	4913.	0.	0.	4913.	1455.0	579.	5492.
32	5924.	5924.	0.	0.	5924.	1455.0	1059.	6983.
33	5970.	5970.	0.	0.	5970.	1455.0	1177.	7147.
34	4683.	5415.	0.	0.	5415.	1453.8	585.	6000.
35	5124.	5023.	0.	0.	5023.	1454.0	977.	6000.
36	4023.	8180.	0.	0.	8180.	1446.6	820.	9000.
37	3062.	8408.	0.	0.	8408.	1435.8	592.	9000.
38	2271.	8625.	0.	0.	8625.	1422.8	375.	9000.
39	2795.	8471.	0.	0.	8471.	1411.3	529.	9000.
40	5276.	8349.	0.	0.	8349.	1405.0	651.	9000.
41	8236.	8236.	0.	0.	8236.	1405.0	764.	9000.
42	8270.	8270.	0.	0.	8270.	1405.0	730.	9000.
43	8328.	8328.	0.	0.	8328.	1405.0	672.	9000.
44	19405.	7630.	0.	0.	7630.	1429.0	1370.	9000.
45	16216.	7602.	0.	0.	7602.	1446.5	1398.	9000.
46	17229.	9331.	0.	3050.	12381.	1455.0	1485.	13865.
47	16860.	9439.	0.	7421.	16860.	1455.0	1454.	18314.
48	23677.	9755.	0.	13922.	23677.	1455.0	1923.	25600.
49	28254.	9584.	0.	18670.	28254.	1455.0	1803.	30057.
50	17550.	10248.	0.	7303.	17550.	1455.0	1121.	18671.
51	18128.	10478.	0.	7650.	18128.	1455.0	1158.	19286.
52	15345.	10642.	0.	4703.	15345.	1455.0	980.	16325.

TABLE 19

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONE ENVIRON. RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	6117.	6117.	0.	0.	6117.	1455.0	255.	6372.
2	6399.	6399.	0.	0.	6399.	1455.0	226.	6625.
3	6683.	6683.	0.	0.	6683.	1455.0	198.	6881.
4	6924.	6924.	0.	0.	6924.	1455.0	113.	7037.
5	7187.	7187.	0.	0.	7187.	1455.0	81.	7268.
6	7509.	7509.	0.	0.	7509.	1455.0	78.	7587.
7	7521.	7521.	0.	0.	7521.	1455.0	73.	7594.
8	7826.	7826.	0.	0.	7826.	1455.0	70.	7896.
9	8128.	8128.	0.	0.	8128.	1455.0	66.	8194.
10	8564.	8564.	0.	0.	8564.	1455.0	71.	8635.
11	8777.	8777.	0.	0.	8777.	1455.0	71.	8848.
12	8551.	8551.	0.	0.	8551.	1455.0	71.	8622.
13	8113.	8113.	0.	0.	8113.	1455.0	71.	8184.
14	7867.	7867.	0.	0.	7867.	1455.0	52.	7919.
15	7893.	7893.	0.	0.	7893.	1455.0	49.	7942.
16	7907.	7907.	0.	0.	7907.	1455.0	49.	7956.
17	7920.	7920.	0.	0.	7920.	1455.0	49.	7969.
18	6360.	6360.	0.	0.	6360.	1455.0	51.	6411.
19	6405.	6405.	0.	0.	6405.	1455.0	57.	6462.
20	6374.	6374.	0.	0.	6374.	1455.0	57.	6431.
21	6390.	6390.	0.	0.	6390.	1455.0	57.	6447.
22	6329.	6329.	0.	0.	6329.	1455.0	54.	6383.
23	6037.	6037.	0.	0.	6037.	1455.0	47.	6084.
24	5839.	5839.	0.	0.	5839.	1455.0	47.	5886.
25	5622.	5622.	0.	0.	5622.	1455.0	47.	5669.
26	5480.	5480.	0.	0.	5480.	1455.0	47.	5527.
27	5413.	5413.	0.	0.	5413.	1455.0	142.	5555.
28	5258.	5258.	0.	0.	5258.	1455.0	185.	5443.
29	5138.	5138.	0.	0.	5138.	1455.0	282.	5420.
30	5005.	5005.	0.	0.	5005.	1455.0	491.	5496.
31	4913.	4913.	0.	0.	4913.	1455.0	579.	5492.
32	5924.	5924.	0.	0.	5924.	1455.0	1059.	6983.
33	5970.	5970.	0.	0.	5970.	1455.0	1177.	7147.
34	4683.	5415.	0.	0.	5415.	1453.8	585.	6000.
35	5124.	5023.	0.	0.	5023.	1454.0	977.	6000.
36	4023.	8180.	0.	0.	8180.	1446.6	820.	9000.
37	3062.	8408.	0.	0.	8408.	1435.8	592.	9000.
38	2271.	8625.	0.	0.	8625.	1422.8	375.	9000.
39	2795.	8471.	0.	0.	8471.	1411.3	529.	9000.
40	5276.	8349.	0.	0.	8349.	1405.0	651.	9000.
41	8236.	8236.	0.	0.	8236.	1405.0	764.	9000.
42	8270.	8270.	0.	0.	8270.	1405.0	730.	9000.
43	8328.	8328.	0.	0.	8328.	1405.0	672.	9000.
44	19405.	7630.	0.	0.	7630.	1429.0	1370.	9000.
45	16216.	7602.	0.	0.	7602.	1446.5	1398.	9000.
46	17229.	9331.	0.	3050.	12381.	1455.0	1485.	13865.
47	16860.	9439.	0.	7421.	16860.	1455.0	1454.	18314.
48	23677.	9755.	0.	13922.	23677.	1455.0	1923.	25600.
49	28254.	9584.	0.	18670.	28254.	1455.0	1803.	30057.
50	17550.	10248.	0.	7303.	17550.	1455.0	1121.	18671.
51	18128.	10478.	0.	7650.	18128.	1455.0	1158.	19286.
52	15345.	10642.	0.	4703.	15345.	1455.0	980.	16325.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON		DEVIL CANYON		OUTFLOW		END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE	VALVE	TOTAL	WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	OUTFLOW	RESERVOIR	DEVIL CNYN-	GOLD
	(CFS)	(CFS)	RELEASE	RELEASE		ELEVATION	GOLD CREEK	CREEK
			(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1952 1	8578.	8578.	0.	0.	8578.	1455.0	651.	9229.
2	6510.	6510.	0.	0.	6510.	1455.0	436.	6946.
3	6729.	6729.	0.	0.	6729.	1455.0	317.	7046.
4	6991.	6991.	0.	0.	6991.	1455.0	246.	7237.
5	7325.	7325.	0.	0.	7325.	1455.0	225.	7550.
6	7621.	7621.	0.	0.	7621.	1455.0	153.	7774.
7	7881.	7881.	0.	0.	7881.	1455.0	113.	7994.
8	8032.	8032.	0.	0.	8032.	1455.0	112.	8144.
9	8316.	8316.	0.	0.	8316.	1455.0	126.	8442.
10	8693.	8693.	0.	0.	8693.	1455.0	156.	8849.
11	8906.	8906.	0.	0.	8906.	1455.0	156.	9062.
12	8680.	8680.	0.	0.	8680.	1455.0	156.	8836.
13	8242.	8242.	0.	0.	8242.	1455.0	156.	8398.
14	7985.	7985.	0.	0.	7985.	1455.0	96.	8081.
15	8007.	8007.	0.	0.	8007.	1455.0	88.	8095.
16	8021.	8021.	0.	0.	8021.	1455.0	88.	8109.
17	8034.	8034.	0.	0.	8034.	1455.0	88.	8122.
18	8008.	8008.	0.	0.	8008.	1455.0	101.	8109.
19	7980.	7980.	0.	0.	7980.	1455.0	87.	8067.
20	7942.	7942.	0.	0.	7942.	1455.0	87.	8029.
21	6388.	6388.	0.	0.	6388.	1455.0	87.	6475.
22	6330.	6330.	0.	0.	6330.	1455.0	73.	6403.
23	6055.	6055.	0.	0.	6055.	1455.0	57.	6112.
24	5857.	5857.	0.	0.	5857.	1455.0	57.	5914.
25	5640.	5640.	0.	0.	5640.	1455.0	57.	5697.
26	5498.	5498.	0.	0.	5498.	1455.0	57.	5555.
27	5392.	5392.	0.	0.	5392.	1455.0	55.	5447.
28	5215.	5215.	0.	0.	5215.	1455.0	55.	5270.
29	5031.	5031.	0.	0.	5031.	1455.0	55.	5086.
30	4769.	4769.	0.	0.	4769.	1455.0	55.	4824.
31	5483.	5483.	0.	0.	5483.	1455.0	121.	5604.
32	5206.	5206.	0.	0.	5206.	1455.0	166.	5372.
33	5071.	5773.	0.	0.	5773.	1453.9	227.	6000.
34	4253.	5508.	0.	0.	5508.	1451.9	492.	6000.
35	6282.	4325.	0.	0.	4325.	1455.0	2121.	6446.
36	6298.	7337.	0.	0.	7337.	1453.3	1663.	9000.
37	7611.	6645.	0.	0.	6645.	1454.9	2355.	9000.
38	7486.	7413.	0.	0.	7413.	1455.0	2553.	9966.
39	7032.	7032.	0.	0.	7032.	1455.0	2259.	9291.
40	4091.	7826.	0.	0.	7826.	1448.8	1174.	9000.
41	2940.	8167.	0.	0.	8167.	1438.1	833.	9000.
42	3850.	7935.	0.	0.	7935.	1429.8	1065.	9000.
43	25342.	8931.	0.	3364.	12295.	1455.0	1154.	13449.
44	34530.	3135.	0.	31395.	34530.	1455.0	2713.	37243.
45	22572.	9157.	0.	13415.	22572.	1455.0	2499.	25071.
46	17722.	9291.	0.	8431.	17722.	1455.0	1964.	19686.
47	13454.	9424.	0.	4031.	13454.	1455.0	1489.	14943.
48	15784.	9726.	0.	6058.	15784.	1455.0	1545.	17329.
49	18093.	10021.	0.	8072.	18093.	1455.0	793.	18886.
50	12236.	10222.	0.	2014.	12236.	1455.0	535.	12771.
51	10567.	10440.	0.	127.	10567.	1455.0	462.	11029.
52	12646.	10627.	0.	2020.	12646.	1455.0	554.	13200.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON		DEVIL CANYON	OUTFLOW			END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE VALVE		TOTAL	WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	OUTFLOW	RESERVOIR	DEVIL CNYN-	GOLD
	(CFS)	(CFS)	RELEASE	RELEASE		ELEVATION	GOLD CREEK	GOLD
			(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	10249.	10249.	0.	0.	10249.	1455.0	894.	11143.
2	9557.	9557.	0.	0.	9557.	1455.0	833.	10390.
3	7007.	7007.	0.	0.	7007.	1455.0	580.	7587.
4	7171.	7171.	0.	0.	7171.	1455.0	423.	7594.
5	7400.	7400.	0.	0.	7400.	1455.0	360.	7760.
6	7655.	7655.	0.	0.	7655.	1455.0	299.	7954.
7	7865.	7865.	0.	0.	7865.	1455.0	192.	8057.
8	8218.	8218.	0.	0.	8218.	1455.0	234.	8452.
9	8345.	8345.	0.	0.	8345.	1455.0	188.	8533.
10	8706.	8706.	0.	0.	8706.	1455.0	182.	8888.
11	8919.	8919.	0.	0.	8919.	1455.0	182.	9101.
12	8693.	8693.	0.	0.	8693.	1455.0	182.	8875.
13	8255.	8255.	0.	0.	8255.	1455.0	182.	8437.
14	8135.	8135.	0.	0.	8135.	1455.0	110.	8245.
15	8137.	8137.	0.	0.	8137.	1455.0	99.	8236.
16	8143.	8143.	0.	0.	8143.	1455.0	99.	8242.
17	8151.	8151.	0.	0.	8151.	1455.0	99.	8250.
18	8149.	8149.	0.	0.	8149.	1455.0	98.	8247.
19	8187.	8187.	0.	0.	8187.	1455.0	92.	8279.
20	8181.	8181.	0.	0.	8181.	1455.0	92.	8273.
21	7997.	7997.	0.	0.	7997.	1455.0	92.	8089.
22	6369.	6369.	0.	0.	6369.	1455.0	83.	6452.
23	6054.	6054.	0.	0.	6054.	1455.0	50.	6104.
24	5856.	5856.	0.	0.	5856.	1455.0	50.	5906.
25	5639.	5639.	0.	0.	5639.	1455.0	50.	5689.
26	5497.	5497.	0.	0.	5497.	1455.0	50.	5547.
27	6683.	6683.	0.	0.	6683.	1455.0	415.	7098.
28	6461.	6461.	0.	0.	6461.	1455.0	415.	6876.
29	6250.	6250.	0.	0.	6250.	1455.0	671.	6921.
30	5951.	5951.	0.	0.	5951.	1455.0	1116.	7067.
31	6846.	6846.	0.	0.	6846.	1455.0	2447.	9293.
32	7014.	7014.	0.	0.	7014.	1455.0	663.	7677.
33	6804.	6804.	0.	0.	6804.	1455.0	604.	7408.
34	7307.	7307.	0.	0.	7307.	1455.0	1040.	8347.
35	6854.	6854.	0.	0.	6854.	1455.0	1028.	7882.
36	7516.	7516.	0.	0.	7516.	1455.0	2431.	9947.
37	6657.	7123.	0.	0.	7123.	1454.3	1877.	9000.
38	5294.	7472.	0.	0.	7472.	1450.8	1528.	9000.
39	5904.	7211.	0.	0.	7211.	1448.3	1789.	9000.
40	2952.	7885.	0.	0.	7885.	1438.3	1115.	9000.
41	3515.	7991.	0.	0.	7991.	1429.2	1009.	9000.
42	18775.	7904.	0.	0.	7904.	1451.0	1096.	9000.
43	19518.	8791.	0.	8238.	17029.	1455.0	1139.	18168.
44	24005.	9135.	0.	14870.	24005.	1455.0	1638.	25643.
45	20575.	9150.	0.	11425.	20575.	1455.0	1282.	21857.
46	16487.	9287.	0.	7201.	16487.	1455.0	1027.	17514.
47	16972.	9439.	0.	7533.	16972.	1455.0	1057.	18029.
48	20191.	9742.	0.	10449.	20191.	1455.0	1309.	21500.
49	17049.	10017.	0.	7032.	17049.	1455.0	1737.	18786.
50	15531.	10240.	0.	5291.	15531.	1455.0	1583.	17114.
51	12951.	10454.	0.	2498.	12951.	1455.0	1320.	14271.
52	9867.	9867.	0.	0.	9867.	1455.0	1006.	10873.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1954 1	7420.	7420.	0.	0.	7420.	1455.0	699.	8119.
2	6696.	6696.	0.	0.	6696.	1455.0	581.	7277.
3	6866.	6866.	0.	0.	6866.	1455.0	426.	7292.
4	7103.	7103.	0.	0.	7103.	1455.0	340.	7443.
5	7275.	7275.	0.	0.	7275.	1455.0	202.	7477.
6	7581.	7581.	0.	0.	7581.	1455.0	186.	7767.
7	7885.	7885.	0.	0.	7885.	1455.0	172.	8057.
8	8008.	8008.	0.	0.	8008.	1455.0	161.	8169.
9	8289.	8289.	0.	0.	8289.	1455.0	153.	8442.
10	8638.	8638.	0.	0.	8638.	1455.0	126.	8764.
11	8851.	8851.	0.	0.	8851.	1455.0	126.	8977.
12	8625.	8625.	0.	0.	8625.	1455.0	126.	8751.
13	8187.	8187.	0.	0.	8187.	1455.0	126.	8313.
14	7907.	7907.	0.	0.	7907.	1455.0	69.	7976.
15	7931.	7931.	0.	0.	7931.	1455.0	64.	7995.
16	7945.	7945.	0.	0.	7945.	1455.0	64.	8009.
17	7958.	7958.	0.	0.	7958.	1455.0	64.	8022.
18	7958.	7958.	0.	0.	7958.	1455.0	66.	8024.
19	8015.	8015.	0.	0.	8015.	1455.0	77.	8092.
20	6407.	6407.	0.	0.	6407.	1455.0	77.	6484.
21	6423.	6423.	0.	0.	6423.	1455.0	77.	6500.
22	6356.	6356.	0.	0.	6356.	1455.0	72.	6428.
23	6050.	6050.	0.	0.	6050.	1455.0	62.	6112.
24	5852.	5852.	0.	0.	5852.	1455.0	62.	5914.
25	5635.	5635.	0.	0.	5635.	1455.0	62.	5697.
26	5493.	5493.	0.	0.	5493.	1455.0	62.	5555.
27	5402.	5402.	0.	0.	5402.	1455.0	285.	5687.
28	5225.	5225.	0.	0.	5225.	1455.0	285.	5510.
29	5098.	5098.	0.	0.	5098.	1455.0	490.	5588.
30	4846.	4846.	0.	0.	4846.	1455.0	524.	5370.
31	5538.	5538.	0.	0.	5538.	1455.0	1155.	6693.
32	6605.	6605.	0.	0.	6605.	1455.0	1152.	7757.
33	7626.	7626.	0.	0.	7626.	1455.0	1865.	9491.
34	7749.	7749.	0.	0.	7749.	1455.0	2140.	9889.
35	7543.	7543.	0.	0.	7543.	1455.0	2170.	9713.
36	7054.	7054.	0.	0.	7054.	1455.0	2012.	9066.
37	6619.	7068.	0.	0.	7068.	1454.3	1932.	9000.
38	6109.	7146.	0.	0.	7146.	1452.6	1854.	9000.
39	7023.	6748.	0.	0.	6748.	1453.1	2252.	9000.
40	5496.	6127.	0.	0.	6127.	1452.1	2873.	9000.
41	4275.	6708.	0.	0.	6708.	1447.7	2292.	9000.
42	4120.	6771.	0.	0.	6771.	1442.3	2229.	9000.
43	5999.	6771.	0.	0.	6771.	1440.7	2229.	9000.
44	29010.	8681.	0.	12631.	21312.	1455.0	2133.	23445.
45	23623.	9161.	0.	14462.	23623.	1455.0	377.	24000.
46	23623.	9312.	0.	14311.	23623.	1455.0	377.	24000.
47	23623.	9463.	0.	14160.	23623.	1455.0	377.	24000.
48	22350.	9750.	0.	12600.	22350.	1455.0	650.	23000.
49	14288.	10005.	0.	4283.	14288.	1455.0	1998.	16286.
50	12282.	10222.	0.	2060.	12282.	1455.0	1718.	14000.
51	11456.	10445.	0.	1011.	11456.	1455.0	1601.	13057.
52	7355.	7355.	0.	0.	7355.	1455.0	1028.	8383.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	6460.	6460.	0.	0.	6460.	1455.0	547.	7007.
2	6727.	6727.	0.	0.	6727.	1455.0	516.	7243.
3	6902.	6902.	0.	0.	6902.	1455.0	389.	7291.
4	7214.	7214.	0.	0.	7214.	1455.0	389.	7603.
5	7382.	7382.	0.	0.	7382.	1455.0	370.	7752.
6	7642.	7642.	0.	0.	7642.	1455.0	363.	8005.
7	7943.	7943.	0.	0.	7943.	1455.0	342.	8285.
8	8110.	8110.	0.	0.	8110.	1455.0	303.	8413.
9	8401.	8401.	0.	0.	8401.	1455.0	274.	8675.
10	8776.	8776.	0.	0.	8776.	1455.0	205.	8981.
11	8983.	8983.	0.	0.	8983.	1455.0	201.	9184.
12	8717.	8717.	0.	0.	8717.	1455.0	177.	8894.
13	8279.	8279.	0.	0.	8279.	1455.0	177.	8456.
14	8059.	8059.	0.	0.	8059.	1455.0	148.	8207.
15	8088.	8088.	0.	0.	8088.	1455.0	145.	8233.
16	8059.	8059.	0.	0.	8059.	1455.0	125.	8184.
17	8055.	8055.	0.	0.	8055.	1455.0	117.	8172.
18	8057.	8057.	0.	0.	8057.	1455.0	113.	8170.
19	8114.	8114.	0.	0.	8114.	1455.0	120.	8234.
20	8076.	8076.	0.	0.	8076.	1455.0	120.	8196.
21	6522.	6522.	0.	0.	6522.	1455.0	120.	6642.
22	6442.	6442.	0.	0.	6442.	1455.0	118.	6560.
23	6093.	6093.	0.	0.	6093.	1455.0	90.	6183.
24	5895.	5895.	0.	0.	5895.	1455.0	90.	5985.
25	5678.	5678.	0.	0.	5678.	1455.0	90.	5768.
26	5536.	5536.	0.	0.	5536.	1455.0	90.	5626.
27	6788.	6788.	0.	0.	6788.	1455.0	238.	7026.
28	6566.	6566.	0.	0.	6566.	1455.0	238.	6804.
29	6336.	6336.	0.	0.	6336.	1455.0	238.	6574.
30	6009.	6009.	0.	0.	6009.	1455.0	238.	6247.
31	5940.	5940.	0.	0.	5940.	1455.0	420.	6360.
32	5819.	5819.	0.	0.	5819.	1455.0	350.	6169.
33	5743.	5743.	0.	0.	5743.	1455.0	408.	6151.
34	7073.	7073.	0.	0.	7073.	1455.0	1223.	8296.
35	7094.	7094.	0.	0.	7094.	1455.0	1475.	8569.
36	4781.	7794.	0.	0.	7794.	1450.2	1206.	9000.
37	6888.	7032.	0.	0.	7032.	1450.0	1968.	9000.
38	7014.	6865.	0.	0.	6865.	1450.2	2135.	9000.
39	6221.	7002.	0.	0.	7002.	1448.7	1998.	9000.
40	4675.	7608.	0.	0.	7608.	1442.7	1392.	9000.
41	3902.	7837.	0.	0.	7837.	1434.7	1163.	9000.
42	15867.	8102.	0.	0.	8102.	1450.4	898.	9000.
43	25282.	8814.	0.	13575.	22389.	1455.0	1075.	23464.
44	22103.	9129.	0.	12974.	22103.	1455.0	511.	22614.
45	20433.	9150.	0.	11283.	20433.	1455.0	467.	20900.
46	20965.	9302.	0.	11663.	20965.	1455.0	478.	21443.
47	25488.	9435.	0.	16053.	25488.	1455.0	583.	26071.
48	36191.	700.	0.	35491.	36191.	1455.0	1052.	37243.
49	18609.	10023.	0.	8586.	18609.	1455.0	1062.	19671.
50	14219.	10233.	0.	3987.	14219.	1455.0	810.	15029.
51	11555.	10446.	0.	1109.	11555.	1455.0	659.	12214.
52	9100.	9100.	0.	0.	9100.	1455.0	519.	9619.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6868.	6868.	0.	0.	6868.	1455.0	368.	7236.
2	6471.	6471.	0.	0.	6471.	1455.0	272.	6743.
3	6727.	6727.	0.	0.	6727.	1455.0	222.	6949.
4	7009.	7009.	0.	0.	7009.	1455.0	190.	7199.
5	7226.	7226.	0.	0.	7226.	1455.0	161.	7387.
6	7525.	7525.	0.	0.	7525.	1455.0	162.	7687.
7	7835.	7835.	0.	0.	7835.	1455.0	148.	7983.
8	7886.	7886.	0.	0.	7886.	1455.0	130.	8016.
9	8181.	8181.	0.	0.	8181.	1455.0	116.	8297.
10	8608.	8608.	0.	0.	8608.	1455.0	103.	8711.
11	8821.	8821.	0.	0.	8821.	1455.0	103.	8924.
12	8595.	8595.	0.	0.	8595.	1455.0	103.	8698.
13	8157.	8157.	0.	0.	8157.	1455.0	103.	8260.
14	7877.	7877.	0.	0.	7877.	1455.0	68.	7945.
15	7897.	7897.	0.	0.	7897.	1455.0	67.	7964.
16	7911.	7911.	0.	0.	7911.	1455.0	67.	7978.
17	7924.	7924.	0.	0.	7924.	1455.0	67.	7991.
18	7940.	7940.	0.	0.	7940.	1455.0	62.	8002.
19	8028.	8028.	0.	0.	8028.	1455.0	78.	8106.
20	6420.	6420.	0.	0.	6420.	1455.0	78.	6498.
21	6436.	6436.	0.	0.	6436.	1455.0	78.	6514.
22	6378.	6378.	0.	0.	6378.	1455.0	78.	6456.
23	6122.	6122.	0.	0.	6122.	1455.0	91.	6213.
24	5924.	5924.	0.	0.	5924.	1455.0	91.	6015.
25	5707.	5707.	0.	0.	5707.	1455.0	91.	5798.
26	5565.	5565.	0.	0.	5565.	1455.0	91.	5656.
27	5452.	5452.	0.	0.	5452.	1455.0	180.	5632.
28	5275.	5275.	0.	0.	5275.	1455.0	180.	5455.
29	5091.	5091.	0.	0.	5091.	1455.0	180.	5271.
30	4829.	4829.	0.	0.	4829.	1455.0	180.	5009.
31	4680.	4680.	0.	0.	4680.	1455.0	294.	4974.
32	5964.	5964.	0.	0.	5964.	1455.0	945.	6909.
33	6637.	6637.	0.	0.	6637.	1455.0	1349.	7986.
34	8055.	8055.	0.	0.	8055.	1455.0	2684.	10739.
35	7215.	7215.	0.	0.	7215.	1455.0	1926.	9141.
36	7135.	7135.	0.	0.	7135.	1455.0	2283.	9418.
37	7491.	7491.	0.	0.	7491.	1455.0	2970.	10461.
38	6698.	6819.	0.	0.	6819.	1454.8	2181.	9000.
39	5650.	7077.	0.	0.	7077.	1452.5	1923.	9000.
40	10142.	8594.	0.	0.	8594.	1455.0	1651.	10245.
41	29885.	6560.	0.	23325.	29885.	1455.0	1801.	31686.
42	30181.	6283.	0.	23898.	30181.	1455.0	1819.	32000.
43	29454.	6872.	0.	22582.	29454.	1455.0	1775.	31229.
44	29030.	8555.	0.	20475.	29030.	1455.0	2399.	31429.
45	26510.	9171.	0.	17339.	26510.	1455.0	2261.	28771.
46	23956.	9313.	0.	14643.	23956.	1455.0	2044.	26000.
47	19099.	9447.	0.	9652.	19099.	1455.0	1630.	20729.
48	16306.	9728.	0.	6578.	16306.	1455.0	1408.	17714.
49	14339.	10005.	0.	4334.	14339.	1455.0	1661.	16000.
50	20101.	10258.	0.	9843.	20101.	1455.0	2328.	22429.
51	19588.	10484.	0.	9104.	19588.	1455.0	2269.	21857.
52	12547.	10626.	0.	1921.	12547.	1455.0	1453.	14000.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1957 1	6577.	6577.	0.	0.	6577.	1455.0	623.	7200.
2	6802.	6802.	0.	0.	6802.	1455.0	623.	7425.
3	6908.	6908.	0.	0.	6908.	1455.0	424.	7332.
4	7188.	7188.	0.	0.	7188.	1455.0	390.	7578.
5	7378.	7378.	0.	0.	7378.	1455.0	358.	7736.
6	7648.	7648.	0.	0.	7648.	1455.0	345.	7993.
7	7950.	7950.	0.	0.	7950.	1455.0	331.	8281.
8	8173.	8173.	0.	0.	8173.	1455.0	313.	8486.
9	8453.	8453.	0.	0.	8453.	1455.0	286.	8739.
10	8743.	8743.	0.	0.	8743.	1455.0	187.	8930.
11	8946.	8946.	0.	0.	8946.	1455.0	182.	9128.
12	8667.	8667.	0.	0.	8667.	1455.0	149.	8816.
13	8229.	8229.	0.	0.	8229.	1455.0	149.	8378.
14	7982.	7982.	0.	0.	7982.	1455.0	115.	8097.
15	8004.	8004.	0.	0.	8004.	1455.0	112.	8116.
16	8171.	8171.	0.	0.	8171.	1455.0	112.	8283.
17	8176.	8176.	0.	0.	8176.	1455.0	112.	8288.
18	8174.	8174.	0.	0.	8174.	1455.0	105.	8279.
19	8222.	8222.	0.	0.	8222.	1455.0	104.	8326.
20	8210.	8210.	0.	0.	8210.	1455.0	104.	8314.
21	8070.	8070.	0.	0.	8070.	1455.0	104.	8174.
22	6422.	6422.	0.	0.	6422.	1455.0	108.	6530.
23	6130.	6130.	0.	0.	6130.	1455.0	112.	6242.
24	5932.	5932.	0.	0.	5932.	1455.0	112.	6044.
25	5715.	5715.	0.	0.	5715.	1455.0	112.	5827.
26	6924.	6924.	0.	0.	6924.	1455.0	112.	7036.
27	6791.	6791.	0.	0.	6791.	1455.0	226.	7017.
28	6569.	6569.	0.	0.	6569.	1455.0	226.	6795.
29	6339.	6339.	0.	0.	6339.	1455.0	226.	6565.
30	6012.	6012.	0.	0.	6012.	1455.0	226.	6238.
31	5868.	5868.	0.	0.	5868.	1455.0	416.	6284.
32	5961.	5961.	0.	0.	5961.	1455.0	517.	6478.
33	6364.	6364.	0.	0.	6364.	1455.0	843.	7207.
34	7291.	7291.	0.	0.	7291.	1455.0	1887.	9178.
35	7797.	7797.	0.	0.	7797.	1455.0	2728.	10525.
36	7110.	7110.	0.	0.	7110.	1455.0	1954.	9064.
37	6100.	7273.	0.	0.	7273.	1453.1	1727.	9000.
38	5242.	7468.	0.	0.	7468.	1449.5	1532.	9000.
39	3559.	7952.	0.	0.	7952.	1440.5	1048.	9000.
40	3582.	7781.	0.	0.	7781.	1432.0	1219.	9000.
41	3351.	7880.	0.	0.	7880.	1422.8	1120.	9000.
42	22235.	7744.	0.	0.	7744.	1451.8	1256.	9000.
43	24581.	8804.	0.	13749.	22553.	1455.0	1362.	23915.
44	19770.	9121.	0.	10650.	19770.	1455.0	1187.	20957.
45	19771.	9147.	0.	10624.	19771.	1455.0	1172.	20943.
46	19663.	9298.	0.	10365.	19663.	1455.0	1166.	20829.
47	18031.	9443.	0.	8588.	18031.	1455.0	1069.	19100.
48	19953.	9741.	0.	10212.	19953.	1455.0	1190.	21143.
49	17237.	10018.	0.	7219.	17237.	1455.0	1677.	18914.
50	18813.	10253.	0.	8561.	18813.	1455.0	1830.	20643.
51	18292.	10479.	0.	7813.	18292.	1455.0	1779.	20071.
52	17567.	10651.	0.	6916.	17567.	1455.0	1708.	19275.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	9403.	9403.	0.	0.	9403.	1455.0	930.	10333.
2	8067.	8067.	0.	0.	8067.	1455.0	797.	8864.
3	7076.	7076.	0.	0.	7076.	1455.0	651.	7727.
4	7396.	7396.	0.	0.	7396.	1455.0	670.	8066.
5	7485.	7485.	0.	0.	7485.	1455.0	544.	8029.
6	7719.	7719.	0.	0.	7719.	1455.0	500.	8219.
7	7973.	7973.	0.	0.	7973.	1455.0	427.	8400.
8	8233.	8233.	0.	0.	8233.	1455.0	350.	8583.
9	8569.	8569.	0.	0.	8569.	1455.0	365.	8934.
10	9103.	9103.	0.	0.	9103.	1455.0	446.	9549.
11	9246.	9246.	0.	0.	9246.	1455.0	380.	9626.
12	8919.	8919.	0.	0.	8919.	1455.0	284.	9203.
13	8424.	8424.	0.	0.	8424.	1455.0	231.	8655.
14	8176.	8176.	0.	0.	8176.	1455.0	201.	8377.
15	8153.	8153.	0.	0.	8153.	1455.0	176.	8329.
16	8129.	8129.	0.	0.	8129.	1455.0	154.	8283.
17	8121.	8121.	0.	0.	8121.	1455.0	146.	8267.
18	8099.	8099.	0.	0.	8099.	1455.0	126.	8225.
19	8118.	8118.	0.	0.	8118.	1455.0	110.	8228.
20	8098.	8098.	0.	0.	8098.	1455.0	99.	8197.
21	8078.	8078.	0.	0.	8078.	1455.0	91.	8169.
22	8009.	8009.	0.	0.	8009.	1455.0	89.	8098.
23	7634.	7634.	0.	0.	7634.	1455.0	62.	7696.
24	7408.	7408.	0.	0.	7408.	1455.0	61.	7469.
25	7179.	7179.	0.	0.	7179.	1455.0	58.	7237.
26	7064.	7064.	0.	0.	7064.	1455.0	58.	7122.
27	7003.	7003.	0.	0.	7003.	1455.0	129.	7132.
28	6833.	6833.	0.	0.	6833.	1455.0	145.	6978.
29	6677.	6677.	0.	0.	6677.	1455.0	158.	6835.
30	6513.	6513.	0.	0.	6513.	1455.0	191.	6704.
31	6374.	6374.	0.	0.	6374.	1455.0	439.	6813.
32	6123.	6123.	0.	0.	6123.	1455.0	833.	6956.
33	6358.	6358.	0.	0.	6358.	1455.0	1165.	7523.
34	7041.	7041.	0.	0.	7041.	1455.0	2219.	9260.
35	6996.	6996.	0.	0.	6996.	1455.0	2054.	9050.
36	4532.	8116.	0.	0.	8116.	1449.1	884.	9000.
37	4369.	8116.	0.	0.	8116.	1441.5	884.	9000.
38	3781.	8238.	0.	0.	8238.	1432.4	762.	9000.
39	3403.	8304.	0.	0.	8304.	1422.4	696.	9000.
40	4132.	7248.	0.	0.	7248.	1416.1	1752.	9000.
41	4115.	7248.	0.	0.	7248.	1409.7	1752.	9000.
42	8654.	7248.	0.	0.	7248.	1412.5	1752.	9000.
43	19851.	7280.	0.	0.	7280.	1438.1	1720.	9000.
44	36827.	1269.	0.	26598.	27867.	1455.0	1859.	29726.
45	26997.	9173.	0.	17824.	26997.	1455.0	532.	27529.
46	20048.	9299.	0.	10749.	20048.	1455.0	395.	20443.
47	16251.	9437.	0.	6815.	16251.	1455.0	320.	16571.
48	11239.	9703.	0.	1536.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	6332.	6332.	0.	0.	6332.	1455.0	451.	6783.
2	6583.	6583.	0.	0.	6583.	1455.0	398.	6981.
3	6874.	6874.	0.	0.	6874.	1455.0	381.	7255.
4	7074.	7074.	0.	0.	7074.	1455.0	264.	7338.
5	7285.	7285.	0.	0.	7285.	1455.0	216.	7501.
6	7576.	7576.	0.	0.	7576.	1455.0	212.	7788.
7	7871.	7871.	0.	0.	7871.	1455.0	179.	8050.
8	7920.	7920.	0.	0.	7920.	1455.0	137.	8057.
9	8207.	8207.	0.	0.	8207.	1455.0	124.	8331.
10	8626.	8626.	0.	0.	8626.	1455.0	115.	8741.
11	8858.	8858.	0.	0.	8858.	1455.0	128.	8986.
12	8749.	8749.	0.	0.	8749.	1455.0	201.	8950.
13	8311.	8311.	0.	0.	8311.	1455.0	201.	8512.
14	8020.	8020.	0.	0.	8020.	1455.0	154.	8174.
15	8036.	8036.	0.	0.	8036.	1455.0	149.	8185.
16	8040.	8040.	0.	0.	8040.	1455.0	141.	8181.
17	8048.	8048.	0.	0.	8048.	1455.0	138.	8186.
18	8060.	8060.	0.	0.	8060.	1455.0	124.	8184.
19	8137.	8137.	0.	0.	8137.	1455.0	122.	8259.
20	6520.	6520.	0.	0.	6520.	1455.0	117.	6637.
21	6511.	6511.	0.	0.	6511.	1455.0	104.	6615.
22	6438.	6438.	0.	0.	6438.	1455.0	109.	6547.
23	6144.	6144.	0.	0.	6144.	1455.0	115.	6259.
24	5946.	5946.	0.	0.	5946.	1455.0	115.	6061.
25	5729.	5729.	0.	0.	5729.	1455.0	115.	5844.
26	5587.	5587.	0.	0.	5587.	1455.0	115.	5702.
27	5488.	5488.	0.	0.	5488.	1455.0	169.	5657.
28	5311.	5311.	0.	0.	5311.	1455.0	169.	5480.
29	5197.	5197.	0.	0.	5197.	1455.0	242.	5439.
30	4947.	4947.	0.	0.	4947.	1455.0	254.	5201.
31	4928.	4928.	0.	0.	4928.	1455.0	386.	5314.
32	5084.	5084.	0.	0.	5084.	1455.0	500.	5584.
33	7824.	7824.	0.	0.	7824.	1455.0	2139.	9963.
34	8453.	8453.	0.	0.	8453.	1455.0	3031.	11484.
35	7882.	7882.	0.	0.	7882.	1455.0	2677.	10559.
36	6968.	6968.	0.	0.	6968.	1455.0	2169.	9137.
37	5286.	7379.	0.	0.	7379.	1451.7	1621.	9000.
38	5945.	7068.	0.	0.	7068.	1449.8	1932.	9000.
39	6283.	6840.	0.	0.	6840.	1448.7	2160.	9000.
40	4947.	7245.	0.	0.	7245.	1444.0	1755.	9000.
41	4712.	7316.	0.	0.	7316.	1438.7	1684.	9000.
42	5067.	7175.	0.	0.	7175.	1434.4	1825.	9000.
43	15626.	7559.	0.	0.	7559.	1450.7	1441.	9000.
44	21943.	9150.	0.	10075.	19225.	1455.0	1943.	21168.
45	17188.	9138.	0.	8050.	17188.	1455.0	1441.	18629.
46	22064.	9306.	0.	12758.	22064.	1455.0	1850.	23914.
47	38430.	430.	0.	38000.	38430.	1455.0	3415.	41845.
48	38000.	0.	0.	38000.	38000.	1455.0	3408.	41408.
49	29924.	9130.	0.	20794.	29924.	1455.0	2865.	32789.
50	13349.	10228.	0.	3121.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW (CFS)	DEVIL CANYON TURBINE DISCHARGE (CFS)	CONCRETE VALVE ENVIRON. RELEASE (CFS)	EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVEN- ING FLOW DEVIL CANYON- GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1960 1	10007.	10007.	0.	0.	10007.	1455.0	707.	10714.
2	6913.	6913.	0.	0.	6913.	1455.0	487.	7400.
3	6758.	6758.	0.	0.	6758.	1455.0	268.	7026.
4	7135.	7135.	0.	0.	7135.	1455.0	335.	7470.
5	7325.	7325.	0.	0.	7325.	1455.0	294.	7619.
6	7605.	7605.	0.	0.	7605.	1455.0	284.	7889.
7	7908.	7908.	0.	0.	7908.	1455.0	272.	8180.
8	8089.	8089.	0.	0.	8089.	1455.0	256.	8345.
9	8377.	8377.	0.	0.	8377.	1455.0	235.	8612.
10	8777.	8777.	0.	0.	8777.	1455.0	205.	8982.
11	8990.	8990.	0.	0.	8990.	1455.0	205.	9195.
12	8764.	8764.	0.	0.	8764.	1455.0	205.	8969.
13	8326.	8326.	0.	0.	8326.	1455.0	205.	8531.
14	8083.	8083.	0.	0.	8083.	1455.0	172.	8255.
15	8106.	8106.	0.	0.	8106.	1455.0	165.	8271.
16	8200.	8200.	0.	0.	8200.	1455.0	149.	8349.
17	8199.	8199.	0.	0.	8199.	1455.0	141.	8340.
18	8195.	8195.	0.	0.	8195.	1455.0	140.	8335.
19	8222.	8222.	0.	0.	8222.	1455.0	122.	8344.
20	8208.	8208.	0.	0.	8208.	1455.0	120.	8328.
21	8056.	8056.	0.	0.	8056.	1455.0	114.	8170.
22	6423.	6423.	0.	0.	6423.	1455.0	110.	6533.
23	6126.	6126.	0.	0.	6126.	1455.0	95.	6221.
24	5920.	5920.	0.	0.	5920.	1455.0	91.	6011.
25	5684.	5684.	0.	0.	5684.	1455.0	81.	5765.
26	6893.	6893.	0.	0.	6893.	1455.0	81.	6974.
27	6750.	6750.	0.	0.	6750.	1455.0	310.	7060.
28	6528.	6528.	0.	0.	6528.	1455.0	310.	6838.
29	6327.	6327.	0.	0.	6327.	1455.0	408.	6735.
30	6007.	6007.	0.	0.	6007.	1455.0	423.	6430.
31	5964.	5964.	0.	0.	5964.	1455.0	512.	6476.
32	5888.	5888.	0.	0.	5888.	1455.0	34.	5922.
33	6507.	6507.	0.	0.	6507.	1455.0	69.	6576.
34	6898.	6898.	0.	0.	6898.	1455.0	107.	7005.
35	6817.	6817.	0.	0.	6817.	1455.0	762.	7579.
36	3804.	7771.	0.	0.	7771.	1448.3	1229.	9000.
37	3804.	7724.	0.	0.	7724.	1440.3	1276.	9000.
38	3815.	7679.	0.	0.	7679.	1432.5	1321.	9000.
39	3951.	7548.	0.	0.	7548.	1425.1	1452.	9000.
40	3518.	8227.	0.	0.	8227.	1415.6	773.	9000.
41	3245.	8426.	0.	0.	8426.	1405.0	574.	9000.
42	8341.	8341.	0.	0.	8341.	1405.0	659.	9000.
43	8097.	8097.	0.	0.	8097.	1405.0	903.	9000.
44	14456.	7011.	0.	0.	7011.	1420.2	1989.	9000.
45	23404.	6975.	0.	0.	6975.	1452.8	2025.	9000.
46	20681.	9313.	0.	10005.	19318.	1455.0	1790.	21108.
47	19984.	9450.	0.	10534.	19984.	1455.0	1730.	21714.
48	19226.	9739.	0.	9488.	19226.	1455.0	1631.	20857.
49	16823.	10016.	0.	6807.	16823.	1455.0	1491.	18314.
50	26586.	10283.	0.	16303.	26586.	1455.0	2357.	28943.
51	18844.	10481.	0.	8363.	18844.	1455.0	1670.	20514.
52	14112.	10635.	0.	3477.	14112.	1455.0	1250.	15362.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	CANYON CONE ENVIRON. RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961 1	11591.	11204.	0.	388.	11591.	1455.0	938.	12529.
2	8418.	8418.	0.	0.	8418.	1455.0	682.	9100.
3	6931.	6931.	0.	0.	6931.	1455.0	485.	7416.
4	7119.	7119.	0.	0.	7119.	1455.0	354.	7473.
5	7325.	7325.	0.	0.	7325.	1455.0	317.	7642.
6	7615.	7615.	0.	0.	7615.	1455.0	319.	7934.
7	7909.	7909.	0.	0.	7909.	1455.0	294.	8203.
8	8203.	8203.	0.	0.	8203.	1455.0	261.	8464.
9	8407.	8407.	0.	0.	8407.	1455.0	249.	8656.
10	8946.	8946.	0.	0.	8946.	1455.0	266.	9212.
11	9149.	9149.	0.	0.	9149.	1455.0	260.	9409.
12	8863.	8863.	0.	0.	8863.	1455.0	229.	9092.
13	8425.	8425.	0.	0.	8425.	1455.0	229.	8654.
14	8244.	8244.	0.	0.	8244.	1455.0	203.	8447.
15	8242.	8242.	0.	0.	8242.	1455.0	197.	8439.
16	8245.	8245.	0.	0.	8245.	1455.0	203.	8448.
17	8247.	8247.	0.	0.	8247.	1455.0	206.	8453.
18	8215.	8215.	0.	0.	8215.	1455.0	212.	8427.
19	8212.	8212.	0.	0.	8212.	1455.0	196.	8408.
20	8198.	8198.	0.	0.	8198.	1455.0	193.	8391.
21	8179.	8179.	0.	0.	8179.	1455.0	184.	8363.
22	8063.	8063.	0.	0.	8063.	1455.0	168.	8231.
23	7707.	7707.	0.	0.	7707.	1455.0	148.	7855.
24	7488.	7488.	0.	0.	7488.	1455.0	166.	7654.
25	7290.	7290.	0.	0.	7290.	1455.0	209.	7499.
26	7112.	7112.	0.	0.	7112.	1455.0	209.	7321.
27	7147.	7147.	0.	0.	7147.	1455.0	504.	7651.
28	6966.	6966.	0.	0.	6966.	1455.0	504.	7470.
29	6795.	6795.	0.	0.	6795.	1455.0	556.	7351.
30	6615.	6615.	0.	0.	6615.	1455.0	565.	7180.
31	6540.	6540.	0.	0.	6540.	1455.0	648.	7188.
32	6730.	6730.	0.	0.	6730.	1455.0	613.	7343.
33	7114.	7114.	0.	0.	7114.	1455.0	1060.	8174.
34	6924.	6924.	0.	0.	6924.	1455.0	1010.	7934.
35	6765.	6765.	0.	0.	6765.	1455.0	1186.	7951.
36	5727.	7354.	0.	0.	7354.	1452.4	1646.	9000.
37	8195.	6569.	0.	0.	6569.	1455.0	2688.	9257.
38	7641.	7641.	0.	0.	7641.	1455.0	3357.	10998.
39	7100.	7100.	0.	0.	7100.	1455.0	2821.	9921.
40	4670.	7299.	0.	0.	7299.	1450.8	1701.	9000.
41	11507.	8786.	0.	93.	8878.	1455.0	1786.	10664.
42	23150.	8772.	0.	14378.	23150.	1455.0	1850.	25000.
43	23984.	8787.	0.	15198.	23984.	1455.0	1916.	25900.
44	24592.	9138.	0.	15455.	24592.	1455.0	1051.	25643.
45	25061.	9166.	0.	15895.	25061.	1455.0	939.	26000.
46	21399.	9304.	0.	12095.	21399.	1455.0	801.	22200.
47	20310.	9451.	0.	10859.	20310.	1455.0	761.	21071.
48	15053.	9722.	0.	5331.	15053.	1455.0	604.	15657.
49	11262.	9989.	0.	1273.	11262.	1455.0	1167.	12429.
50	12778.	10225.	0.	2553.	12778.	1455.0	1322.	14100.
51	12169.	10449.	0.	1720.	12169.	1455.0	1260.	13429.
52	12256.	10624.	0.	1632.	12256.	1455.0	1269.	13525.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	9801.	9801.	0.	0.	9801.	1455.0	628.	10429.
2	6504.	6504.	0.	0.	6504.	1455.0	276.	6780.
3	6814.	6814.	0.	0.	6814.	1455.0	276.	7090.
4	7125.	7125.	0.	0.	7125.	1455.0	276.	7401.
5	7271.	7271.	0.	0.	7271.	1455.0	240.	7511.
6	7544.	7544.	0.	0.	7544.	1455.0	242.	7786.
7	7858.	7858.	0.	0.	7858.	1455.0	242.	8100.
8	7980.	7980.	0.	0.	7980.	1455.0	242.	8222.
9	8271.	8271.	0.	0.	8271.	1455.0	208.	8479.
10	8656.	8656.	0.	0.	8656.	1455.0	140.	8796.
11	8869.	8869.	0.	0.	8869.	1455.0	140.	9009.
12	8643.	8643.	0.	0.	8643.	1455.0	140.	8783.
13	8205.	8205.	0.	0.	8205.	1455.0	140.	8345.
14	7959.	7959.	0.	0.	7959.	1455.0	92.	8051.
15	7983.	7983.	0.	0.	7983.	1455.0	85.	8068.
16	7997.	7997.	0.	0.	7997.	1455.0	85.	8082.
17	8010.	8010.	0.	0.	8010.	1455.0	85.	8095.
18	8167.	8167.	0.	0.	8167.	1455.0	95.	8262.
19	8205.	8205.	0.	0.	8205.	1455.0	108.	8313.
20	8003.	8003.	0.	0.	8003.	1455.0	108.	8111.
21	8022.	8022.	0.	0.	8022.	1455.0	108.	8130.
22	6390.	6390.	0.	0.	6390.	1455.0	98.	6488.
23	6104.	6104.	0.	0.	6104.	1455.0	84.	6188.
24	5906.	5906.	0.	0.	5906.	1455.0	84.	5990.
25	5689.	5689.	0.	0.	5689.	1455.0	84.	5773.
26	6898.	6898.	0.	0.	6898.	1455.0	84.	6982.
27	7067.	7067.	0.	0.	7067.	1455.0	214.	7281.
28	6890.	6890.	0.	0.	6890.	1455.0	214.	7104.
29	6353.	6353.	0.	0.	6353.	1455.0	214.	6567.
30	6026.	6026.	0.	0.	6026.	1455.0	214.	6240.
31	5548.	5548.	0.	0.	5548.	1455.0	309.	5857.
32	5267.	5267.	0.	0.	5267.	1455.0	327.	5594.
33	5530.	5530.	0.	0.	5530.	1455.0	889.	6419.
34	5630.	5630.	0.	0.	5630.	1455.0	1310.	6940.
35	5853.	5853.	0.	0.	5853.	1455.0	1649.	7502.
36	6078.	7590.	0.	0.	7590.	1452.6	1410.	9000.
37	9000.	7488.	0.	0.	7488.	1455.0	2733.	10221.
38	7593.	7593.	0.	0.	7593.	1455.0	2338.	9931.
39	22612.	9190.	0.	13422.	22612.	1455.0	1655.	24267.
40	26163.	8274.	0.	17889.	26163.	1455.0	1023.	27186.
41	25543.	8754.	0.	16789.	25543.	1455.0	1000.	26543.
42	22258.	8769.	0.	13489.	22258.	1455.0	871.	23129.
43	26163.	8203.	0.	17960.	26163.	1455.0	1023.	27186.
44	24614.	9138.	0.	15477.	24614.	1455.0	1443.	26057.
45	21799.	9154.	0.	12645.	21799.	1455.0	1201.	23000.
46	21799.	9305.	0.	12494.	21799.	1455.0	1201.	23000.
47	21799.	9457.	0.	12342.	21799.	1455.0	1201.	23000.
48	22209.	9750.	0.	12459.	22209.	1455.0	1220.	23429.
49	22008.	10036.	0.	11972.	22008.	1455.0	1563.	23571.
50	13899.	10231.	0.	3668.	13899.	1455.0	987.	14886.
51	11257.	10444.	0.	813.	11257.	1455.0	800.	12057.
52	11332.	10619.	0.	713.	11332.	1455.0	805.	12137.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONE VALVE ENVIRON. RELEASE	DEVIL CANYON EXCESS VALVE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN-ING FLOW DEVIL CANYON-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	8737.	8737.	0.	0.	8737.	1455.0	413.	9150.
2	6653.	6653.	0.	0.	6653.	1455.0	314.	6967.
3	6821.	6821.	0.	0.	6821.	1455.0	274.	7095.
4	7095.	7095.	0.	0.	7095.	1455.0	248.	7343.
5	7194.	7194.	0.	0.	7194.	1455.0	178.	7372.
6	7475.	7475.	0.	0.	7475.	1455.0	193.	7668.
7	7787.	7787.	0.	0.	7787.	1455.0	193.	7980.
8	8103.	8103.	0.	0.	8103.	1455.0	193.	8296.
9	8184.	8184.	0.	0.	8184.	1455.0	161.	8345.
10	8626.	8626.	0.	0.	8626.	1455.0	128.	8754.
11	8839.	8839.	0.	0.	8839.	1455.0	128.	8967.
12	8613.	8613.	0.	0.	8613.	1455.0	128.	8741.
13	8175.	8175.	0.	0.	8175.	1455.0	128.	8303.
14	8136.	8136.	0.	0.	8136.	1455.0	117.	8253.
15	8138.	8138.	0.	0.	8138.	1455.0	110.	8248.
16	8140.	8140.	0.	0.	8140.	1455.0	110.	8250.
17	8145.	8145.	0.	0.	8145.	1455.0	110.	8255.
18	8144.	8144.	0.	0.	8144.	1455.0	92.	8236.
19	8204.	8204.	0.	0.	8204.	1455.0	86.	8290.
20	8191.	8191.	0.	0.	8191.	1455.0	86.	8277.
21	8078.	8078.	0.	0.	8078.	1455.0	86.	8164.
22	6411.	6411.	0.	0.	6411.	1455.0	98.	6509.
23	6025.	6025.	0.	0.	6025.	1455.0	67.	6092.
24	5827.	5827.	0.	0.	5827.	1455.0	67.	5894.
25	6997.	6997.	0.	0.	6997.	1455.0	67.	7064.
26	6819.	6819.	0.	0.	6819.	1455.0	67.	6886.
27	7013.	7013.	0.	0.	7013.	1455.0	137.	7150.
28	6445.	6445.	0.	0.	6445.	1455.0	137.	6582.
29	6215.	6215.	0.	0.	6215.	1455.0	137.	6352.
30	5888.	5888.	0.	0.	5888.	1455.0	137.	6025.
31	5644.	5644.	0.	0.	5644.	1455.0	206.	5850.
32	5439.	5439.	0.	0.	5439.	1455.0	80.	5519.
33	6995.	6995.	0.	0.	6995.	1455.0	457.	7452.
34	7439.	7439.	0.	0.	7439.	1455.0	739.	8178.
35	7533.	7533.	0.	0.	7533.	1455.0	1631.	9164.
36	6865.	6865.	0.	0.	6865.	1455.0	2617.	9482.
37	6740.	6740.	0.	0.	6740.	1455.0	2617.	9357.
38	6622.	6622.	0.	0.	6622.	1455.0	2617.	9239.
39	6484.	6484.	0.	0.	6484.	1455.0	2617.	9101.
40	5655.	6765.	0.	0.	6765.	1453.2	2235.	9000.
41	25162.	8829.	0.	15223.	24052.	1455.0	2889.	26941.
42	35407.	2222.	0.	33185.	35407.	1455.0	2736.	38143.
43	30234.	6325.	0.	23909.	30234.	1455.0	2337.	32571.
44	26872.	8453.	0.	18419.	26872.	1455.0	928.	27800.
45	24729.	9165.	0.	15564.	24729.	1455.0	414.	25143.
46	21455.	9304.	0.	12151.	21455.	1455.0	359.	21814.
47	22691.	9460.	0.	13231.	22691.	1455.0	380.	23071.
48	19122.	9738.	0.	9384.	19122.	1455.0	421.	19543.
49	14318.	10005.	0.	4313.	14318.	1455.0	825.	15143.
50	12804.	10225.	0.	2579.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONE VALVE ENVIRON. RELEASE	DEVIL CANYON EXCESS VALVE RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN-ING FLOW DEVIL CANYON-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	8327.	8327.	0.	0.	8327.	1455.0	570.	8897.
2	7011.	7011.	0.	0.	7011.	1455.0	480.	7491.
3	6855.	6855.	0.	0.	6855.	1455.0	392.	7247.
4	7075.	7075.	0.	0.	7075.	1455.0	296.	7371.
5	7263.	7263.	0.	0.	7263.	1455.0	228.	7491.
6	7559.	7559.	0.	0.	7559.	1455.0	226.	7785.
7	7855.	7855.	0.	0.	7855.	1455.0	200.	8055.
8	7956.	7956.	0.	0.	7956.	1455.0	164.	8120.
9	8253.	8253.	0.	0.	8253.	1455.0	153.	8406.
10	8656.	8656.	0.	0.	8656.	1455.0	124.	8780.
11	8863.	8863.	0.	0.	8863.	1455.0	120.	8983.
12	8592.	8592.	0.	0.	8592.	1455.0	95.	8687.
13	8154.	8154.	0.	0.	8154.	1455.0	95.	8249.
14	7901.	7901.	0.	0.	7901.	1455.0	82.	7983.
15	7926.	7926.	0.	0.	7926.	1455.0	80.	8006.
16	7932.	7932.	0.	0.	7932.	1455.0	75.	8007.
17	7940.	7940.	0.	0.	7940.	1455.0	74.	8014.
18	7953.	7953.	0.	0.	7953.	1455.0	66.	8019.
19	8010.	8010.	0.	0.	8010.	1455.0	58.	8068.
20	7968.	7968.	0.	0.	7968.	1455.0	58.	8026.
21	6410.	6410.	0.	0.	6410.	1455.0	54.	6464.
22	6344.	6344.	0.	0.	6344.	1455.0	59.	6403.
23	6057.	6057.	0.	0.	6057.	1455.0	63.	6120.
24	5855.	5855.	0.	0.	5855.	1455.0	60.	5915.
25	5629.	5629.	0.	0.	5629.	1455.0	54.	5683.
26	5487.	5487.	0.	0.	5487.	1455.0	54.	5541.
27	5409.	5409.	0.	0.	5409.	1455.0	36.	5445.
28	5232.	5232.	0.	0.	5232.	1455.0	36.	5268.
29	5055.	5055.	0.	0.	5055.	1455.0	40.	5095.
30	4794.	4794.	0.	0.	4794.	1455.0	40.	4834.
31	4324.	4324.	0.	0.	4324.	1455.0	276.	4600.
32	4075.	4075.	0.	0.	4075.	1455.0	439.	4514.
33	3931.	5409.	0.	0.	5409.	1452.6	591.	6000.
34	3194.	4691.	0.	0.	4691.	1450.3	1309.	6000.
35	5496.	2522.	0.	0.	2522.	1455.0	8961.	11483.
36	8782.	8782.	0.	0.	8782.	1455.0	546.	9328.
37	6331.	8624.	0.	0.	8624.	1451.3	376.	9000.
38	5264.	8687.	0.	0.	8687.	1444.8	313.	9000.
39	22628.	9247.	0.	7665.	16912.	1455.0	228.	17140.
40	24270.	8859.	0.	15411.	24270.	1455.0	1101.	25371.
41	25009.	8820.	0.	16189.	25009.	1455.0	1134.	26143.
42	23601.	8774.	0.	14827.	23601.	1455.0	1070.	24671.
43	16194.	8760.	0.	7434.	16194.	1455.0	735.	16929.
44	18729.	9117.	0.	9612.	18729.	1455.0	1028.	19757.
45	17736.	9140.	0.	8596.	17736.	1455.0	993.	18729.
46	14300.	9277.	0.	5023.	14300.	1455.0	800.	15100.
47	15247.	9433.	0.	5815.	15247.	1455.0	853.	16100.
48	12880.	9711.	0.	3169.	12880.	1455.0	720.	13600.
49	10489.	9985.	0.	504.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON		DEVIL CANYON	OUTFLOW		END OF		INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE	VALVE	TOTAL	WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	OUTFLOW	RESERVOIR	DEVIL CNYN-	GOLD
			RELEASE	RELEASE		ELEVATION	GOLD CREEK	CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	7044.	7044.	0.	0.	7044.	1455.0	633.	7677.
2	7883.	7883.	0.	0.	7883.	1455.0	708.	8591.
3	6917.	6917.	0.	0.	6917.	1455.0	464.	7381.
4	7140.	7140.	0.	0.	7140.	1455.0	369.	7509.
5	7238.	7238.	0.	0.	7238.	1455.0	166.	7404.
6	7535.	7535.	0.	0.	7535.	1455.0	149.	7684.
7	7846.	7846.	0.	0.	7846.	1455.0	148.	7994.
8	8016.	8016.	0.	0.	8016.	1455.0	166.	8182.
9	8215.	8215.	0.	0.	8215.	1455.0	127.	8342.
10	8534.	8534.	0.	0.	8534.	1455.0	99.	8633.
11	8737.	8737.	0.	0.	8737.	1455.0	88.	8825.
12	8503.	8503.	0.	0.	8503.	1455.0	80.	8583.
13	8065.	8065.	0.	0.	8065.	1455.0	80.	8145.
14	7830.	7830.	0.	0.	7830.	1455.0	38.	7868.
15	7856.	7856.	0.	0.	7856.	1455.0	32.	7888.
16	7870.	7870.	0.	0.	7870.	1455.0	32.	7902.
17	7883.	7883.	0.	0.	7883.	1455.0	32.	7915.
18	7894.	7894.	0.	0.	7894.	1455.0	37.	7931.
19	7942.	7942.	0.	0.	7942.	1455.0	40.	7982.
20	7904.	7904.	0.	0.	7904.	1455.0	40.	7944.
21	6350.	6350.	0.	0.	6350.	1455.0	40.	6390.
22	6294.	6294.	0.	0.	6294.	1455.0	36.	6330.
23	6023.	6023.	0.	0.	6023.	1455.0	30.	6053.
24	5825.	5825.	0.	0.	5825.	1455.0	30.	5855.
25	5608.	5608.	0.	0.	5608.	1455.0	30.	5638.
26	5466.	5466.	0.	0.	5466.	1455.0	30.	5496.
27	5388.	5388.	0.	0.	5388.	1455.0	65.	5453.
28	5211.	5211.	0.	0.	5211.	1455.0	65.	5276.
29	5044.	5044.	0.	0.	5044.	1455.0	83.	5127.
30	5959.	5959.	0.	0.	5959.	1455.0	86.	6045.
31	5519.	5519.	0.	0.	5519.	1455.0	112.	5631.
32	5538.	5538.	0.	0.	5538.	1455.0	256.	5794.
33	5728.	5728.	0.	0.	5728.	1455.0	446.	6174.
34	6239.	6239.	0.	0.	6239.	1455.0	802.	7041.
35	7081.	7081.	0.	0.	7081.	1455.0	1682.	8763.
36	5305.	7543.	0.	0.	7543.	1451.4	1457.	9000.
37	5386.	7445.	0.	0.	7445.	1447.6	1555.	9000.
38	4985.	7513.	0.	0.	7513.	1442.5	1487.	9000.
39	6759.	6812.	0.	0.	6812.	1442.4	2188.	9000.
40	5384.	7101.	0.	0.	7101.	1438.9	1899.	9000.
41	5351.	7084.	0.	0.	7084.	1435.4	1916.	9000.
42	23051.	8878.	0.	3844.	12723.	1455.0	1784.	14507.
43	23181.	8784.	0.	14397.	23181.	1455.0	1548.	24729.
44	20872.	9124.	0.	11748.	20872.	1455.0	1357.	22229.
45	18586.	9143.	0.	9443.	18586.	1455.0	1085.	19671.
46	28711.	8211.	0.	20500.	28711.	1455.0	1675.	30386.
47	19247.	9447.	0.	9800.	19247.	1455.0	1124.	20371.
48	10693.	9700.	0.	993.	10693.	1455.0	650.	11343.
49	15833.	10013.	0.	5820.	15833.	1455.0	1016.	16849.
50	19452.	10255.	0.	9197.	19452.	1455.0	1248.	20700.
51	17801.	10477.	0.	7324.	17801.	1455.0	1142.	18943.
52	20591.	10664.	0.	9928.	20591.	1455.0	1322.	21913.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	13634.	11216.	0.	2418.	13634.	1455.0	1452.	15086.
2	7579.	7579.	0.	0.	7579.	1455.0	808.	8387.
3	6824.	6824.	0.	0.	6824.	1455.0	379.	7203.
4	7083.	7083.	0.	0.	7083.	1455.0	313.	7396.
5	7317.	7317.	0.	0.	7317.	1455.0	264.	7581.
6	7594.	7594.	0.	0.	7594.	1455.0	222.	7816.
7	7892.	7892.	0.	0.	7892.	1455.0	196.	8088.
8	8018.	8018.	0.	0.	8018.	1455.0	186.	8204.
9	8312.	8312.	0.	0.	8312.	1455.0	173.	8485.
10	8727.	8727.	0.	0.	8727.	1455.0	160.	8887.
11	8931.	8931.	0.	0.	8931.	1455.0	154.	9085.
12	8693.	8693.	0.	0.	8693.	1455.0	148.	8841.
13	8246.	8246.	0.	0.	8246.	1455.0	142.	8388.
14	7990.	7990.	0.	0.	7990.	1455.0	121.	8111.
15	8013.	8013.	0.	0.	8013.	1455.0	119.	8132.
16	8027.	8027.	0.	0.	8027.	1455.0	119.	8146.
17	8040.	8040.	0.	0.	8040.	1455.0	119.	8159.
18	8048.	8048.	0.	0.	8048.	1455.0	119.	8167.
19	8086.	8086.	0.	0.	8086.	1455.0	120.	8206.
20	6478.	6478.	0.	0.	6478.	1455.0	120.	6598.
21	6494.	6494.	0.	0.	6494.	1455.0	120.	6614.
22	6439.	6439.	0.	0.	6439.	1455.0	116.	6555.
23	6164.	6164.	0.	0.	6164.	1455.0	113.	6277.
24	5966.	5966.	0.	0.	5966.	1455.0	113.	6079.
25	5749.	5749.	0.	0.	5749.	1455.0	113.	5862.
26	5607.	5607.	0.	0.	5607.	1455.0	113.	5720.
27	5549.	5549.	0.	0.	5549.	1455.0	183.	5732.
28	5372.	5372.	0.	0.	5372.	1455.0	183.	5555.
29	5261.	5261.	0.	0.	5261.	1455.0	240.	5501.
30	5010.	5010.	0.	0.	5010.	1455.0	250.	5260.
31	5826.	5826.	0.	0.	5826.	1455.0	300.	6126.
32	5657.	5657.	0.	0.	5657.	1455.0	346.	6003.
33	6011.	6011.	0.	0.	6011.	1455.0	643.	6654.
34	6861.	6861.	0.	0.	6861.	1455.0	1231.	8092.
35	7270.	7270.	0.	0.	7270.	1455.0	1954.	9224.
36	8251.	8251.	0.	0.	8251.	1455.0	3575.	11826.
37	7340.	7340.	0.	0.	7340.	1455.0	2560.	9900.
38	6897.	6897.	0.	0.	6897.	1455.0	2161.	9058.
39	5656.	7176.	0.	0.	7176.	1452.6	1824.	9000.
40	3536.	7747.	0.	0.	7747.	1444.7	1253.	9000.
41	3416.	7807.	0.	0.	7807.	1435.8	1193.	9000.
42	3633.	7751.	0.	0.	7751.	1427.4	1249.	9000.
43	14675.	7586.	0.	0.	7586.	1441.8	1414.	9000.
44	26089.	9219.	0.	9718.	18936.	1455.0	1925.	20861.
45	21345.	9153.	0.	12192.	21345.	1455.0	1569.	22914.
46	17552.	9290.	0.	8262.	17552.	1455.0	1291.	18843.
47	21266.	9455.	0.	11811.	21266.	1455.0	1563.	22829.
48	17016.	9730.	0.	7286.	17016.	1455.0	1284.	18300.
49	11802.	9992.	0.	1810.	11802.	1455.0	1084.	12886.
50	11462.	10218.	0.	1245.	11462.	1455.0	1052.	12514.
51	11331.	10445.	0.	887.	11331.	1455.0	1040.	12371.
52	8267.	8267.	0.	0.	8267.	1455.0	758.	9025.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	6487.	6487.	0.	0.	6487.	1455.0	503.	6990.
2	6496.	6496.	0.	0.	6496.	1455.0	337.	6833.
3	6733.	6733.	0.	0.	6733.	1455.0	256.	6989.
4	6978.	6978.	0.	0.	6978.	1455.0	173.	7151.
5	7250.	7250.	0.	0.	7250.	1455.0	161.	7411.
6	7563.	7563.	0.	0.	7563.	1455.0	154.	7717.
7	7651.	7651.	0.	0.	7651.	1455.0	154.	7805.
8	7963.	7963.	0.	0.	7963.	1455.0	154.	8117.
9	8266.	8266.	0.	0.	8266.	1455.0	149.	8415.
10	8680.	8680.	0.	0.	8680.	1455.0	139.	8819.
11	8893.	8893.	0.	0.	8893.	1455.0	139.	9032.
12	8667.	8667.	0.	0.	8667.	1455.0	139.	8806.
13	8229.	8229.	0.	0.	8229.	1455.0	139.	8368.
14	8024.	8024.	0.	0.	8024.	1455.0	138.	8162.
15	8051.	8051.	0.	0.	8051.	1455.0	137.	8188.
16	8065.	8065.	0.	0.	8065.	1455.0	137.	8202.
17	8078.	8078.	0.	0.	8078.	1455.0	137.	8215.
18	8083.	8083.	0.	0.	8083.	1455.0	132.	8215.
19	6547.	6547.	0.	0.	6547.	1455.0	125.	6672.
20	6516.	6516.	0.	0.	6516.	1455.0	125.	6641.
21	6532.	6532.	0.	0.	6532.	1455.0	125.	6657.
22	6461.	6461.	0.	0.	6461.	1455.0	126.	6587.
23	6158.	6158.	0.	0.	6158.	1455.0	122.	6280.
24	5960.	5960.	0.	0.	5960.	1455.0	122.	6082.
25	5743.	5743.	0.	0.	5743.	1455.0	122.	5865.
26	5601.	5601.	0.	0.	5601.	1455.0	122.	5723.
27	5515.	5515.	0.	0.	5515.	1455.0	137.	5652.
28	5338.	5338.	0.	0.	5338.	1455.0	137.	5475.
29	5161.	5161.	0.	0.	5161.	1455.0	140.	5301.
30	4928.	4928.	0.	0.	4928.	1455.0	162.	5090.
31	4473.	4473.	0.	0.	4473.	1455.0	119.	4592.
32	4597.	4597.	0.	0.	4597.	1455.0	280.	4877.
33	5924.	5924.	0.	0.	5924.	1455.0	974.	6898.
34	6560.	6560.	0.	0.	6560.	1455.0	1362.	7922.
35	6786.	6786.	0.	0.	6786.	1455.0	1768.	8554.
36	5756.	7347.	0.	0.	7347.	1452.5	1653.	9000.
37	6952.	6834.	0.	0.	6834.	1452.7	2166.	9000.
38	5619.	7195.	0.	0.	7195.	1450.1	1805.	9000.
39	5245.	7234.	0.	0.	7234.	1446.1	1766.	9000.
40	4078.	7519.	0.	0.	7519.	1439.1	1481.	9000.
41	6265.	7524.	0.	0.	7524.	1436.6	1476.	9000.
42	27805.	8509.	0.	9558.	18067.	1455.0	2052.	20119.
43	32408.	4806.	0.	27602.	32408.	1455.0	2392.	34800.
44	25176.	9140.	0.	16036.	25176.	1455.0	1924.	27100.
45	23405.	9160.	0.	14245.	23405.	1455.0	1638.	25043.
46	38000.	0.	0.	38000.	38000.	1455.0	3589.	41589.
47	38000.	0.	0.	38000.	38000.	1455.0	2001.	40001.
48	23110.	9753.	0.	13357.	23110.	1455.0	1385.	24495.
49	27035.	10056.	0.	16979.	27035.	1455.0	2036.	29071.
50	15955.	10241.	0.	5714.	15955.	1455.0	1202.	17157.
51	11597.	10446.	0.	1151.	11597.	1455.0	874.	12471.
52	8813.	8813.	0.	0.	8813.	1455.0	664.	9477.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONCRETE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	6430.	6430.	0.	0.	6430.	1455.0	421.	6851.
2	6502.	6502.	0.	0.	6502.	1455.0	350.	6852.
3	6742.	6742.	0.	0.	6742.	1455.0	273.	7015.
4	6997.	6997.	0.	0.	6997.	1455.0	209.	7206.
5	7257.	7257.	0.	0.	7257.	1455.0	187.	7444.
6	7551.	7551.	0.	0.	7551.	1455.0	164.	7715.
7	7861.	7861.	0.	0.	7861.	1455.0	155.	8016.
8	7961.	7961.	0.	0.	7961.	1455.0	150.	8111.
9	8263.	8263.	0.	0.	8263.	1455.0	145.	8408.
10	8667.	8667.	0.	0.	8667.	1455.0	131.	8798.
11	8880.	8880.	0.	0.	8880.	1455.0	131.	9011.
12	8644.	8644.	0.	0.	8644.	1455.0	126.	8770.
13	8205.	8205.	0.	0.	8205.	1455.0	125.	8330.
14	8002.	8002.	0.	0.	8002.	1455.0	132.	8134.
15	8029.	8029.	0.	0.	8029.	1455.0	131.	8160.
16	8043.	8043.	0.	0.	8043.	1455.0	131.	8174.
17	8052.	8052.	0.	0.	8052.	1455.0	129.	8181.
18	8059.	8059.	0.	0.	8059.	1455.0	124.	8183.
19	8104.	8104.	0.	0.	8104.	1455.0	121.	8225.
20	8066.	8066.	0.	0.	8066.	1455.0	121.	8187.
21	8085.	8085.	0.	0.	8085.	1455.0	121.	8206.
22	6456.	6456.	0.	0.	6456.	1455.0	121.	6577.
23	6181.	6181.	0.	0.	6181.	1455.0	121.	6302.
24	5983.	5983.	0.	0.	5983.	1455.0	121.	6104.
25	5766.	5766.	0.	0.	5766.	1455.0	121.	5887.
26	6975.	6975.	0.	0.	6975.	1455.0	121.	7096.
27	7077.	7077.	0.	0.	7077.	1455.0	121.	7198.
28	6896.	6896.	0.	0.	6896.	1455.0	116.	7012.
29	6716.	6716.	0.	0.	6716.	1455.0	122.	6838.
30	6543.	6543.	0.	0.	6543.	1455.0	131.	6674.
31	6295.	6295.	0.	0.	6295.	1455.0	156.	6451.
32	5385.	5385.	0.	0.	5385.	1455.0	195.	5580.
33	6529.	6529.	0.	0.	6529.	1455.0	869.	7398.
34	7627.	7627.	0.	0.	7627.	1455.0	2246.	9873.
35	7160.	7160.	0.	0.	7160.	1455.0	1929.	9089.
36	6346.	7164.	0.	0.	7164.	1453.7	1836.	9000.
37	7650.	6831.	0.	0.	6831.	1455.0	2555.	9386.
38	7082.	7082.	0.	0.	7082.	1455.0	2590.	9672.
39	5550.	7114.	0.	0.	7114.	1452.5	1886.	9000.
40	6988.	7394.	0.	0.	7394.	1451.9	1606.	9000.
41	25325.	8837.	0.	14518.	23355.	1455.0	1461.	24816.
42	24447.	8777.	0.	15670.	24447.	1455.0	1410.	25857.
43	23623.	8785.	0.	14838.	23623.	1455.0	1363.	24986.
44	20824.	9124.	0.	11700.	20824.	1455.0	1390.	22214.
45	18816.	9144.	0.	9672.	18816.	1455.0	1327.	20143.
46	15653.	9284.	0.	6370.	15653.	1455.0	1104.	16757.
47	14145.	9427.	0.	4718.	14145.	1455.0	998.	15143.
48	12539.	9709.	0.	2830.	12539.	1455.0	890.	13429.
49	10453.	9985.	0.	469.	10453.	1455.0	818.	11271.
50	10471.	10212.	0.	259.	10471.	1455.0	820.	11291.
51	6687.	6687.	0.	0.	6687.	1455.0	523.	7210.
52	5896.	5896.	0.	0.	5896.	1455.0	400.	6296.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON	DEVIL CANYON	DEVIL CANYON	OUTFLOW		END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE VALVE		WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	RESERVOIR	DEVIL CANYON-	GOLD
	(CFS)	(CFS)	RELEASE	RELEASE	ELEVATION	GOLD CREEK	CREEK
1969 1	6172.	6172.	0.	0.	6172.	1455.0	6482.
2	6442.	6442.	0.	0.	6442.	1455.0	6710.
3	6699.	6699.	0.	0.	6699.	1455.0	6905.
4	6998.	6998.	0.	0.	6998.	1455.0	7180.
5	7258.	7258.	0.	0.	7258.	1455.0	7415.
6	7550.	7550.	0.	0.	7550.	1455.0	7677.
7	7560.	7560.	0.	0.	7560.	1455.0	7656.
8	7851.	7851.	0.	0.	7851.	1455.0	7936.
9	8133.	8133.	0.	0.	8133.	1455.0	8202.
10	8525.	8525.	0.	0.	8525.	1455.0	8579.
11	8733.	8733.	0.	0.	8733.	1455.0	8784.
12	8502.	8502.	0.	0.	8502.	1455.0	8551.
13	8061.	8061.	0.	0.	8061.	1455.0	8107.
14	7840.	7840.	0.	0.	7840.	1455.0	7880.
15	7865.	7865.	0.	0.	7865.	1455.0	7904.
16	7873.	7873.	0.	0.	7873.	1455.0	7910.
17	7886.	7886.	0.	0.	7886.	1455.0	7923.
18	6333.	6333.	0.	0.	6333.	1455.0	6370.
19	6382.	6382.	0.	0.	6382.	1455.0	6422.
20	6352.	6352.	0.	0.	6352.	1455.0	6393.
21	6371.	6371.	0.	0.	6371.	1455.0	6414.
22	6315.	6315.	0.	0.	6315.	1455.0	6358.
23	6042.	6042.	0.	0.	6042.	1455.0	6086.
24	5846.	5846.	0.	0.	5846.	1455.0	5891.
25	5634.	5634.	0.	0.	5634.	1455.0	5681.
26	5495.	5495.	0.	0.	5495.	1455.0	5544.
27	5422.	5422.	0.	0.	5422.	1455.0	5501.
28	5263.	5263.	0.	0.	5263.	1455.0	5356.
29	5114.	5114.	0.	0.	5114.	1455.0	5237.
30	4916.	4916.	0.	0.	4916.	1455.0	5090.
31	4599.	4599.	0.	0.	4599.	1455.0	4791.
32	4603.	4603.	0.	0.	4603.	1455.0	4889.
33	4986.	5458.	0.	0.	5458.	1454.2	6000.
34	5656.	5184.	0.	0.	5184.	1455.0	6137.
35	4495.	5377.	0.	0.	5377.	1453.6	6000.
36	3826.	7512.	0.	0.	7512.	1447.1	8000.
37	4000.	7378.	0.	0.	7378.	1440.2	8000.
38	4107.	7320.	0.	0.	7320.	1433.7	8000.
39	3725.	7381.	0.	0.	7381.	1426.2	8000.
40	2544.	7796.	0.	0.	7796.	1415.5	8000.
41	2856.	7743.	0.	0.	7743.	1405.6	8000.
42	7449.	7734.	0.	0.	7734.	1405.0	8000.
43	7778.	7778.	0.	0.	7778.	1405.0	8000.
44	7317.	7317.	0.	0.	7317.	1405.0	8000.
45	7041.	7041.	0.	0.	7041.	1405.0	8000.
46	7504.	7504.	0.	0.	7504.	1405.0	8000.
47	7597.	7597.	0.	0.	7597.	1405.0	8000.
48	7641.	7641.	0.	0.	7641.	1405.0	8000.
49	7621.	7621.	0.	0.	7621.	1405.0	8000.
50	6668.	6668.	0.	0.	6668.	1405.0	7000.
51	6026.	5715.	0.	0.	5715.	1405.6	6000.
52	5987.	5760.	0.	0.	5760.	1406.2	6000.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	6097.	5673.	0.	0.	5673.	1407.0	327.	6000.
2	5106.	5692.	0.	0.	5692.	1405.8	308.	6000.
3	5263.	4730.	0.	0.	4730.	1406.9	270.	5000.
4	5330.	3818.	0.	0.	3818.	1410.0	182.	4000.
5	5547.	2901.	0.	0.	2901.	1415.4	99.	3000.
6	5843.	2920.	0.	0.	2920.	1421.3	80.	3000.
7	6033.	2936.	0.	0.	2936.	1427.6	64.	3000.
8	4958.	2943.	0.	0.	2943.	1431.7	57.	3000.
9	5147.	2947.	0.	0.	2947.	1436.2	53.	3000.
10	5421.	1940.	0.	0.	1940.	1443.3	60.	2000.
11	5550.	1942.	0.	0.	1942.	1450.5	58.	2000.
12	5407.	2592.	0.	0.	2592.	1455.0	57.	2649.
13	5131.	5131.	0.	0.	5131.	1455.0	57.	5188.
14	5017.	5017.	0.	0.	5017.	1455.0	70.	5087.
15	5035.	5035.	0.	0.	5035.	1455.0	69.	5104.
16	5039.	5039.	0.	0.	5039.	1455.0	66.	5105.
17	5045.	5045.	0.	0.	5045.	1455.0	65.	5110.
18	5053.	5053.	0.	0.	5053.	1455.0	65.	5118.
19	5079.	5079.	0.	0.	5079.	1455.0	61.	5140.
20	5048.	5048.	0.	0.	5048.	1455.0	57.	5105.
21	5060.	5060.	0.	0.	5060.	1455.0	57.	5117.
22	5017.	5017.	0.	0.	5017.	1455.0	57.	5074.
23	4788.	4788.	0.	0.	4788.	1455.0	52.	4840.
24	4634.	4634.	0.	0.	4634.	1455.0	53.	4687.
25	4468.	4468.	0.	0.	4468.	1455.0	55.	4523.
26	4356.	4356.	0.	0.	4356.	1455.0	55.	4411.
27	4234.	4234.	0.	0.	4234.	1455.0	39.	4273.
28	4099.	4099.	0.	0.	4099.	1455.0	43.	4142.
29	3959.	3959.	0.	0.	3959.	1455.0	50.	4009.
30	3765.	3765.	0.	0.	3765.	1455.0	60.	3825.
31	3552.	3552.	0.	0.	3552.	1455.0	110.	3662.
32	3627.	3769.	0.	0.	3769.	1454.8	231.	4000.
33	4717.	5182.	0.	0.	5182.	1454.0	818.	6000.
34	5160.	5261.	0.	0.	5261.	1453.9	739.	6000.
35	5183.	5017.	0.	0.	5017.	1454.1	983.	6000.
36	5555.	6534.	0.	0.	6534.	1452.6	1466.	8000.
37	5423.	6586.	0.	0.	6586.	1450.7	1414.	8000.
38	5306.	6662.	0.	0.	6662.	1448.2	1338.	8000.
39	6954.	5745.	0.	0.	5745.	1450.5	2255.	8000.
40	6541.	6047.	0.	0.	6047.	1451.3	1953.	8000.
41	5521.	6362.	0.	0.	6362.	1449.9	1638.	8000.
42	5730.	6245.	0.	0.	6245.	1448.9	1755.	8000.
43	5480.	6321.	0.	0.	6321.	1447.2	1679.	8000.
44	6389.	6330.	0.	0.	6330.	1447.3	1670.	8000.
45	7567.	6784.	0.	0.	6784.	1448.9	1216.	8000.
46	16732.	9316.	0.	3723.	13039.	1455.0	939.	13978.
47	18910.	9446.	0.	9464.	18910.	1455.0	1061.	19971.
48	13021.	9712.	0.	3309.	13021.	1455.0	765.	13786.
49	10994.	9987.	0.	1007.	10994.	1455.0	903.	11897.
50	8748.	8748.	0.	0.	8748.	1455.0	718.	9466.
51	8910.	8910.	0.	0.	8910.	1455.0	733.	9643.
52	5925.	5925.	0.	0.	5925.	1455.0	408.	6333.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	6508.	6508.	0.	0.	6508.	1455.0	724.	7232.
2	6709.	6709.	0.	0.	6709.	1455.0	604.	7313.
3	6923.	6923.	0.	0.	6923.	1455.0	492.	7415.
4	7174.	7174.	0.	0.	7174.	1455.0	419.	7593.
5	7435.	7435.	0.	0.	7435.	1455.0	379.	7814.
6	7728.	7728.	0.	0.	7728.	1455.0	351.	8079.
7	8011.	8011.	0.	0.	8011.	1455.0	319.	8330.
8	8235.	8235.	0.	0.	8235.	1455.0	282.	8517.
9	8490.	8490.	0.	0.	8490.	1455.0	257.	8747.
10	8873.	8873.	0.	0.	8873.	1455.0	250.	9123.
11	9056.	9056.	0.	0.	9056.	1455.0	234.	9290.
12	8797.	8797.	0.	0.	8797.	1455.0	214.	9011.
13	8320.	8320.	0.	0.	8320.	1455.0	192.	8512.
14	8036.	8036.	0.	0.	8036.	1455.0	146.	8182.
15	8035.	8035.	0.	0.	8035.	1455.0	128.	8163.
16	8026.	8026.	0.	0.	8026.	1455.0	116.	8142.
17	8011.	8011.	0.	0.	8011.	1455.0	103.	8114.
18	8014.	8014.	0.	0.	8014.	1455.0	98.	8112.
19	8064.	8064.	0.	0.	8064.	1455.0	101.	8165.
20	8010.	8010.	0.	0.	8010.	1455.0	92.	8102.
21	6456.	6456.	0.	0.	6456.	1455.0	92.	6548.
22	6397.	6397.	0.	0.	6397.	1455.0	90.	6487.
23	6111.	6111.	0.	0.	6111.	1455.0	85.	6196.
24	5913.	5913.	0.	0.	5913.	1455.0	85.	5998.
25	5696.	5696.	0.	0.	5696.	1455.0	85.	5781.
26	5554.	5554.	0.	0.	5554.	1455.0	85.	5639.
27	5476.	5476.	0.	0.	5476.	1455.0	94.	5570.
28	5305.	5305.	0.	0.	5305.	1455.0	97.	5402.
29	5134.	5134.	0.	0.	5134.	1455.0	106.	5240.
30	4892.	4892.	0.	0.	4892.	1455.0	118.	5010.
31	5536.	5536.	0.	0.	5536.	1455.0	145.	5681.
32	5275.	5275.	0.	0.	5275.	1455.0	200.	5475.
33	5195.	5706.	0.	0.	5706.	1454.2	294.	6000.
34	4357.	5481.	0.	0.	5481.	1452.4	519.	6000.
35	4561.	5147.	0.	0.	5147.	1451.5	853.	6000.
36	5271.	7753.	0.	0.	7753.	1446.8	1247.	9000.
37	7869.	6426.	0.	0.	6426.	1449.8	2574.	9000.
38	5542.	7437.	0.	0.	7437.	1445.9	1563.	9000.
39	7068.	6842.	0.	0.	6842.	1446.4	2158.	9000.
40	3280.	7718.	0.	0.	7718.	1437.3	1282.	9000.
41	3378.	7696.	0.	0.	7696.	1428.5	1304.	9000.
42	9435.	7497.	0.	0.	7497.	1432.5	1503.	9000.
43	17694.	8023.	0.	0.	8023.	1451.7	977.	9000.
44	23161.	9149.	0.	11936.	21085.	1455.0	1196.	22281.
45	38000.	0.	0.	38000.	38000.	1455.0	1737.	39737.
46	37994.	0.	0.	37994.	37994.	1455.0	1553.	39547.
47	29036.	6953.	0.	22083.	29036.	1455.0	952.	29988.
48	18657.	9736.	0.	8921.	18657.	1455.0	814.	19471.
49	21459.	10034.	0.	11425.	21459.	1455.0	1398.	22857.
50	13693.	10230.	0.	3463.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL CANYON CONCRETE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW DEVIL CANYON- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	7354.	7354.	0.	0.	7354.	1455.0	390.	7744.
2	6590.	6590.	0.	0.	6590.	1455.0	349.	6939.
3	6727.	6727.	0.	0.	6727.	1455.0	265.	6992.
4	6995.	6995.	0.	0.	6995.	1455.0	219.	7214.
5	7265.	7265.	0.	0.	7265.	1455.0	214.	7479.
6	7559.	7559.	0.	0.	7559.	1455.0	201.	7760.
7	7861.	7861.	0.	0.	7861.	1455.0	190.	8051.
8	8169.	8169.	0.	0.	8169.	1455.0	179.	8348.
9	8308.	8308.	0.	0.	8308.	1455.0	169.	8477.
10	8811.	8811.	0.	0.	8811.	1455.0	211.	9022.
11	9024.	9024.	0.	0.	9024.	1455.0	211.	9235.
12	8770.	8770.	0.	0.	8770.	1455.0	195.	8965.
13	8332.	8332.	0.	0.	8332.	1455.0	195.	8527.
14	8225.	8225.	0.	0.	8225.	1455.0	218.	8443.
15	8211.	8211.	0.	0.	8211.	1455.0	199.	8410.
16	8210.	8210.	0.	0.	8210.	1455.0	199.	8409.
17	8211.	8211.	0.	0.	8211.	1455.0	199.	8410.
18	8207.	8207.	0.	0.	8207.	1455.0	200.	8407.
19	8249.	8249.	0.	0.	8249.	1455.0	201.	8450.
20	8226.	8226.	0.	0.	8226.	1455.0	193.	8419.
21	8210.	8210.	0.	0.	8210.	1455.0	193.	8403.
22	8125.	8125.	0.	0.	8125.	1455.0	184.	8309.
23	7754.	7754.	0.	0.	7754.	1455.0	168.	7922.
24	7493.	7493.	0.	0.	7493.	1455.0	161.	7654.
25	7222.	7222.	0.	0.	7222.	1455.0	161.	7383.
26	7165.	7165.	0.	0.	7165.	1455.0	158.	7323.
27	7093.	7093.	0.	0.	7093.	1455.0	217.	7310.
28	6916.	6916.	0.	0.	6916.	1455.0	217.	7133.
29	6732.	6732.	0.	0.	6732.	1455.0	207.	6939.
30	6117.	6117.	0.	0.	6117.	1455.0	217.	6334.
31	5882.	5882.	0.	0.	5882.	1455.0	440.	6322.
32	7347.	7347.	0.	0.	7347.	1455.0	2501.	9848.
33	7208.	7208.	0.	0.	7208.	1455.0	2463.	9671.
34	7594.	7594.	0.	0.	7594.	1455.0	3434.	11028.
35	8668.	8668.	0.	0.	8668.	1455.0	4856.	13524.
36	5388.	7861.	0.	0.	7861.	1451.1	1139.	9000.
37	8695.	6980.	0.	0.	6980.	1453.8	2020.	9000.
38	7377.	7231.	0.	0.	7231.	1454.0	1769.	9000.
39	11808.	9151.	0.	2045.	11196.	1455.0	1197.	12393.
40	24274.	8859.	0.	15415.	24274.	1455.0	1097.	25371.
41	24261.	8818.	0.	15443.	24261.	1455.0	1096.	25357.
42	21623.	8767.	0.	12856.	21623.	1455.0	977.	22600.
43	17632.	8765.	0.	8867.	17632.	1455.0	797.	18429.
44	19568.	9120.	0.	10448.	19568.	1455.0	675.	20243.
45	20953.	9152.	0.	11802.	20953.	1455.0	776.	21729.
46	19219.	9296.	0.	9923.	19219.	1455.0	710.	19929.
47	19865.	9450.	0.	10415.	19865.	1455.0	735.	20600.
48	13290.	9713.	0.	3577.	13290.	1455.0	496.	13786.
49	12589.	9996.	0.	2593.	12589.	1455.0	597.	13186.
50	17212.	10246.	0.	6966.	17212.	1455.0	817.	18029.
51	12685.	10452.	0.	2233.	12685.	1455.0	601.	13286.
52	5794.	5794.	0.	0.	5794.	1455.0	272.	6066.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	6049.	6049.	0.	0.	6049.	1455.0	155.	6204.
2	6344.	6344.	0.	0.	6344.	1455.0	143.	6487.
3	6706.	6706.	0.	0.	6706.	1455.0	198.	6904.
4	6962.	6962.	0.	0.	6962.	1455.0	148.	7110.
5	7212.	7212.	0.	0.	7212.	1455.0	144.	7356.
6	7508.	7508.	0.	0.	7508.	1455.0	135.	7643.
7	7810.	7810.	0.	0.	7810.	1455.0	115.	7925.
8	7865.	7865.	0.	0.	7865.	1455.0	106.	7971.
9	8152.	8152.	0.	0.	8152.	1455.0	89.	8241.
10	8593.	8593.	0.	0.	8593.	1455.0	89.	8682.
11	8790.	8790.	0.	0.	8790.	1455.0	80.	8870.
12	8560.	8560.	0.	0.	8560.	1455.0	79.	8639.
13	8122.	8122.	0.	0.	8122.	1455.0	79.	8201.
14	7878.	7878.	0.	0.	7878.	1455.0	67.	7945.
15	7902.	7902.	0.	0.	7902.	1455.0	66.	7968.
16	7916.	7916.	0.	0.	7916.	1455.0	66.	7982.
17	7929.	7929.	0.	0.	7929.	1455.0	66.	7995.
18	7942.	7942.	0.	0.	7942.	1455.0	58.	8000.
19	8020.	8020.	0.	0.	8020.	1455.0	58.	8078.
20	7982.	7982.	0.	0.	7982.	1455.0	58.	8040.
21	6428.	6428.	0.	0.	6428.	1455.0	58.	6486.
22	6359.	6359.	0.	0.	6359.	1455.0	64.	6423.
23	6039.	6039.	0.	0.	6039.	1455.0	55.	6094.
24	5841.	5841.	0.	0.	5841.	1455.0	55.	5896.
25	5624.	5624.	0.	0.	5624.	1455.0	55.	5679.
26	5482.	5482.	0.	0.	5482.	1455.0	55.	5537.
27	5393.	5393.	0.	0.	5393.	1455.0	51.	5444.
28	5216.	5216.	0.	0.	5216.	1455.0	51.	5267.
29	5032.	5032.	0.	0.	5032.	1455.0	51.	5083.
30	4774.	4774.	0.	0.	4774.	1455.0	54.	4828.
31	4360.	4360.	0.	0.	4360.	1455.0	71.	4431.
32	4189.	4189.	0.	0.	4189.	1455.0	134.	4323.
33	4492.	5537.	0.	0.	5537.	1453.3	463.	6000.
34	4542.	5364.	0.	0.	5364.	1452.0	636.	6000.
35	4421.	5260.	0.	0.	5260.	1450.7	740.	6000.
36	4225.	8034.	0.	0.	8034.	1443.1	966.	9000.
37	6101.	7389.	0.	0.	7389.	1440.5	1611.	9000.
38	6215.	7257.	0.	0.	7257.	1438.4	1743.	9000.
39	4089.	7855.	0.	0.	7855.	1430.7	1145.	9000.
40	2463.	8328.	0.	0.	8328.	1418.8	672.	9000.
41	2489.	8359.	0.	0.	8359.	1406.8	641.	9000.
42	7623.	8515.	0.	0.	8515.	1405.0	485.	9000.
43	8476.	8476.	0.	0.	8476.	1405.0	524.	9000.
44	15393.	8373.	0.	0.	8373.	1419.3	627.	9000.
45	20275.	8246.	0.	0.	8246.	1443.8	754.	9000.
46	16155.	9339.	0.	627.	9966.	1455.0	602.	10568.
47	21018.	9454.	0.	11564.	21018.	1455.0	782.	21800.
48	22260.	9750.	0.	12510.	22260.	1455.0	911.	23171.
49	12074.	9993.	0.	2081.	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 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON		DEVIL CANYON		OUTFLOW		END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE	VALVE	TOTAL	WEEK	ING FLOW	TOTAL
		DISCHARGE	ENVIRON.	EXCESS	OUTFLOW	RESERVOIR	DEVIL CANYN-	GOLD
			RELEASE	RELEASE		ELEVATION	GOLD CREEK	CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	6205.	6205.	0.	0.	6205.	1455.0	361.	6566.
2	6450.	6450.	0.	0.	6450.	1455.0	290.	6740.
3	6684.	6684.	0.	0.	6684.	1455.0	200.	6884.
4	6961.	6961.	0.	0.	6961.	1455.0	151.	7112.
5	7192.	7192.	0.	0.	7192.	1455.0	79.	7271.
6	7503.	7503.	0.	0.	7503.	1455.0	69.	7572.
7	7503.	7503.	0.	0.	7503.	1455.0	64.	7567.
8	7807.	7807.	0.	0.	7807.	1455.0	58.	7865.
9	8106.	8106.	0.	0.	8106.	1455.0	53.	8159.
10	8509.	8509.	0.	0.	8509.	1455.0	44.	8553.
11	8714.	8714.	0.	0.	8714.	1455.0	40.	8754.
12	8485.	8485.	0.	0.	8485.	1455.0	38.	8523.
13	8046.	8046.	0.	0.	8046.	1455.0	37.	8083.
14	7827.	7827.	0.	0.	7827.	1455.0	31.	7858.
15	7853.	7853.	0.	0.	7853.	1455.0	30.	7883.
16	7865.	7865.	0.	0.	7865.	1455.0	29.	7894.
17	7878.	7878.	0.	0.	7878.	1455.0	28.	7906.
18	6321.	6321.	0.	0.	6321.	1455.0	31.	6352.
19	6367.	6367.	0.	0.	6367.	1455.0	35.	6402.
20	6335.	6335.	0.	0.	6335.	1455.0	35.	6370.
21	6349.	6349.	0.	0.	6349.	1455.0	33.	6382.
22	6293.	6293.	0.	0.	6293.	1455.0	32.	6325.
23	6028.	6028.	0.	0.	6028.	1455.0	36.	6064.
24	5828.	5828.	0.	0.	5828.	1455.0	36.	5864.
25	5608.	5608.	0.	0.	5608.	1455.0	34.	5642.
26	5466.	5466.	0.	0.	5466.	1455.0	34.	5500.
27	5368.	5368.	0.	0.	5368.	1455.0	61.	5429.
28	5191.	5191.	0.	0.	5191.	1455.0	64.	5255.
29	5017.	5017.	0.	0.	5017.	1455.0	77.	5094.
30	4790.	4790.	0.	0.	4790.	1455.0	121.	4911.
31	4586.	4586.	0.	0.	4586.	1455.0	184.	4770.
32	4876.	4876.	0.	0.	4876.	1455.0	361.	5237.
33	5468.	5468.	0.	0.	5468.	1455.0	675.	6143.
34	7291.	7291.	0.	0.	7291.	1455.0	1508.	8799.
35	7361.	7361.	0.	0.	7361.	1455.0	1974.	9335.
36	4890.	7552.	0.	0.	7552.	1450.8	1448.	9000.
37	4143.	7763.	0.	0.	7763.	1443.6	1237.	9000.
38	3828.	7843.	0.	0.	7843.	1435.4	1157.	9000.
39	3894.	7765.	0.	0.	7765.	1427.5	1235.	9000.
40	3074.	8058.	0.	0.	8058.	1417.4	942.	9000.
41	3787.	7830.	0.	0.	7830.	1409.2	1170.	9000.
42	5884.	7927.	0.	0.	7927.	1405.0	1073.	9000.
43	7968.	7968.	0.	0.	7968.	1405.0	1032.	9000.
44	7891.	7891.	0.	0.	7891.	1405.0	1109.	9000.
45	7807.	7807.	0.	0.	7807.	1405.0	1193.	9000.
46	11731.	7980.	0.	0.	7980.	1412.6	1020.	9000.
47	11844.	8193.	0.	0.	8193.	1420.1	807.	9000.
48	16072.	7942.	0.	0.	7942.	1436.6	1058.	9000.
49	15586.	6972.	0.	0.	6972.	1453.3	1028.	8000.
50	8738.	7647.	0.	0.	7647.	1455.0	576.	8223.
51	8830.	8830.	0.	0.	8830.	1455.0	583.	9413.
52	11618.	10621.	0.	997.	11618.	1455.0	767.	12385.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON	DEVIL CANYON	DEVIL CANYON	OUTFLOW		END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE VALVE		WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	RESERVOIR	DEVIL CNYN-	GOLD
	(CFS)	(CFS)	RELEASE	RELEASE	ELEVATION	GOLD CREEK	CREEK
			(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	6183.	6183.	0.	0.	1455.0	345.	6528.
2	6486.	6486.	0.	0.	1455.0	343.	6829.
3	6661.	6661.	0.	0.	1455.0	182.	6843.
4	6930.	6930.	0.	0.	1455.0	121.	7051.
5	7195.	7195.	0.	0.	1455.0	82.	7277.
6	7517.	7517.	0.	0.	1455.0	78.	7595.
7	7541.	7541.	0.	0.	1455.0	78.	7619.
8	7853.	7853.	0.	0.	1455.0	78.	7931.
9	8163.	8163.	0.	0.	1455.0	79.	8242.
10	8653.	8653.	0.	0.	1455.0	121.	8774.
11	8866.	8866.	0.	0.	1455.0	121.	8987.
12	8640.	8640.	0.	0.	1455.0	121.	8761.
13	8202.	8202.	0.	0.	1455.0	121.	8323.
14	7970.	7970.	0.	0.	1455.0	113.	8083.
15	7985.	7985.	0.	0.	1455.0	106.	8091.
16	7999.	7999.	0.	0.	1455.0	106.	8105.
17	8012.	8012.	0.	0.	1455.0	106.	8118.
18	8028.	8028.	0.	0.	1455.0	107.	8135.
19	6551.	6551.	0.	0.	1455.0	135.	6686.
20	6520.	6520.	0.	0.	1455.0	135.	6655.
21	6526.	6526.	0.	0.	1455.0	130.	6656.
22	6461.	6461.	0.	0.	1455.0	126.	6587.
23	6194.	6194.	0.	0.	1455.0	128.	6322.
24	5996.	5996.	0.	0.	1455.0	128.	6124.
25	5779.	5779.	0.	0.	1455.0	128.	5907.
26	5637.	5637.	0.	0.	1455.0	128.	5765.
27	5535.	5535.	0.	0.	1455.0	152.	5687.
28	5359.	5359.	0.	0.	1455.0	154.	5513.
29	5195.	5195.	0.	0.	1455.0	168.	5363.
30	4976.	4976.	0.	0.	1455.0	199.	5175.
31	4684.	4684.	0.	0.	1455.0	284.	4968.
32	5038.	5038.	0.	0.	1455.0	673.	5711.
33	6122.	6122.	0.	0.	1455.0	1479.	7601.
34	7134.	7134.	0.	0.	1455.0	2259.	9393.
35	7577.	7577.	0.	0.	1455.0	2792.	10369.
36	7188.	7188.	0.	0.	1455.0	1938.	9126.
37	5436.	7543.	0.	0.	1451.6	1457.	9000.
38	6427.	7170.	0.	0.	1450.5	1830.	9000.
39	5518.	7365.	0.	0.	1446.8	1635.	9000.
40	5999.	7655.	0.	0.	1443.5	1345.	9000.
41	28436.	7581.	0.	14501.	1455.0	1464.	23546.
42	26957.	8668.	0.	18290.	1455.0	1386.	28343.
43	24660.	8789.	0.	15871.	1455.0	1269.	25929.
44	22789.	9131.	0.	13658.	1455.0	1411.	24200.
45	18242.	9142.	0.	9100.	1455.0	1244.	19486.
46	17426.	9290.	0.	8136.	1455.0	1188.	18614.
47	15380.	9433.	0.	5947.	1455.0	1049.	16429.
48	13252.	9713.	0.	3539.	1455.0	905.	14157.
49	10858.	9987.	0.	871.	1455.0	885.	11743.
50	18386.	10251.	0.	8135.	1455.0	1500.	19886.
51	17223.	10475.	0.	6748.	1455.0	1406.	18629.
52	14515.	10637.	0.	3878.	1455.0	1185.	15700.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
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	7198.	7198.	0.	0.	7198.	1455.0	451.	7649.
5	7284.	7284.	0.	0.	7284.	1455.0	270.	7554.
6	7536.	7536.	0.	0.	7536.	1455.0	216.	7752.
7	7818.	7818.	0.	0.	7818.	1455.0	164.	7982.
8	8118.	8118.	0.	0.	8118.	1455.0	130.	8248.
9	8173.	8173.	0.	0.	8173.	1455.0	104.	8277.
10	8576.	8576.	0.	0.	8576.	1455.0	80.	8656.
11	8784.	8784.	0.	0.	8784.	1455.0	77.	8861.
12	8553.	8553.	0.	0.	8553.	1455.0	74.	8627.
13	8108.	8108.	0.	0.	8108.	1455.0	70.	8178.
14	7909.	7909.	0.	0.	7909.	1455.0	80.	7989.
15	7937.	7937.	0.	0.	7937.	1455.0	79.	8016.
16	7946.	7946.	0.	0.	7946.	1455.0	76.	8022.
17	7957.	7957.	0.	0.	7957.	1455.0	75.	8032.
18	7970.	7970.	0.	0.	7970.	1455.0	74.	8044.
19	8020.	8020.	0.	0.	8020.	1455.0	70.	8090.
20	7982.	7982.	0.	0.	7982.	1455.0	70.	8052.
21	6428.	6428.	0.	0.	6428.	1455.0	70.	6498.
22	6368.	6368.	0.	0.	6368.	1455.0	73.	6441.
23	6097.	6097.	0.	0.	6097.	1455.0	78.	6175.
24	5899.	5899.	0.	0.	5899.	1455.0	78.	5977.
25	5682.	5682.	0.	0.	5682.	1455.0	78.	5760.
26	5540.	5540.	0.	0.	5540.	1455.0	78.	5618.
27	5435.	5435.	0.	0.	5435.	1455.0	144.	5579.
28	5263.	5263.	0.	0.	5263.	1455.0	151.	5414.
29	5106.	5106.	0.	0.	5106.	1455.0	188.	5294.
30	4941.	4941.	0.	0.	4941.	1455.0	314.	5255.
31	5129.	5129.	0.	0.	5129.	1455.0	646.	5775.
32	6588.	6588.	0.	0.	6588.	1455.0	1569.	8157.
33	6316.	6316.	0.	0.	6316.	1455.0	1508.	7824.
34	6224.	6224.	0.	0.	6224.	1455.0	1578.	7802.
35	6279.	6279.	0.	0.	6279.	1455.0	1733.	8012.
36	6017.	7545.	0.	0.	7545.	1452.6	1455.	9000.
37	6122.	7431.	0.	0.	7431.	1450.5	1569.	9000.
38	4321.	7895.	0.	0.	7895.	1443.3	1105.	9000.
39	4042.	7934.	0.	0.	7934.	1435.4	1066.	9000.
40	2709.	7947.	0.	0.	7947.	1424.7	1053.	9000.
41	2790.	7949.	0.	0.	7949.	1414.2	1051.	9000.
42	3462.	7999.	0.	0.	7999.	1405.0	1001.	9000.
43	7974.	7974.	0.	0.	7974.	1405.0	1026.	9000.
44	14996.	8536.	0.	0.	8536.	1418.2	464.	9000.
45	27600.	7264.	0.	1622.	8886.	1454.9	114.	9000.
46	20486.	9301.	0.	11121.	20422.	1455.0	85.	20507.
47	15736.	9435.	0.	6301.	15736.	1455.0	64.	15800.
48	11079.	9702.	0.	1377.	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	6154.	5535.	0.	0.	5535.	1454.5	465.	6000.
52	6088.	5806.	0.	0.	5806.	1455.0	496.	6302.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	6228.	6228.	0.	0.	6228.	1455.0	389.	6617.
2	6475.	6475.	0.	0.	6475.	1455.0	317.	6792.
3	6776.	6776.	0.	0.	6776.	1455.0	302.	7078.
4	7064.	7064.	0.	0.	7064.	1455.0	269.	7333.
5	7366.	7366.	0.	0.	7366.	1455.0	291.	7657.
6	7668.	7668.	0.	0.	7668.	1455.0	276.	7944.
7	7843.	7843.	0.	0.	7843.	1455.0	258.	8101.
8	8129.	8129.	0.	0.	8129.	1455.0	244.	8373.
9	8520.	8520.	0.	0.	8520.	1455.0	286.	8806.
10	8965.	8965.	0.	0.	8965.	1455.0	285.	9250.
11	9129.	9129.	0.	0.	9129.	1455.0	257.	9386.
12	8862.	8862.	0.	0.	8862.	1455.0	237.	9099.
13	8392.	8392.	0.	0.	8392.	1455.0	219.	8611.
14	8097.	8097.	0.	0.	8097.	1455.0	185.	8282.
15	8114.	8114.	0.	0.	8114.	1455.0	180.	8294.
16	8111.	8111.	0.	0.	8111.	1455.0	171.	8282.
17	8117.	8117.	0.	0.	8117.	1455.0	167.	8284.
18	8121.	8121.	0.	0.	8121.	1455.0	157.	8278.
19	8154.	8154.	0.	0.	8154.	1455.0	142.	8296.
20	6542.	6542.	0.	0.	6542.	1455.0	139.	6681.
21	6558.	6558.	0.	0.	6558.	1455.0	139.	6697.
22	6497.	6497.	0.	0.	6497.	1455.0	142.	6639.
23	6211.	6211.	0.	0.	6211.	1455.0	145.	6356.
24	6013.	6013.	0.	0.	6013.	1455.0	145.	6158.
25	5796.	5796.	0.	0.	5796.	1455.0	145.	5941.
26	5654.	5654.	0.	0.	5654.	1455.0	145.	5799.
27	5612.	5612.	0.	0.	5612.	1455.0	162.	5774.
28	5435.	5435.	0.	0.	5435.	1455.0	162.	5597.
29	6507.	6507.	0.	0.	6507.	1455.0	170.	6677.
30	6195.	6195.	0.	0.	6195.	1455.0	179.	6374.
31	5720.	5720.	0.	0.	5720.	1455.0	259.	5979.
32	5697.	5697.	0.	0.	5697.	1455.0	483.	6180.
33	7028.	7028.	0.	0.	7028.	1455.0	1750.	8778.
34	7435.	7435.	0.	0.	7435.	1455.0	2685.	10120.
35	8113.	8113.	0.	0.	8113.	1455.0	3752.	11865.
36	7043.	7234.	0.	0.	7234.	1454.7	1766.	9000.
37	7605.	7415.	0.	0.	7415.	1455.0	2338.	9753.
38	6801.	7085.	0.	0.	7085.	1454.5	1915.	9000.
39	5796.	7291.	0.	0.	7291.	1452.2	1709.	9000.
40	5479.	7716.	0.	0.	7716.	1448.2	1284.	9000.
41	22716.	8847.	0.	9853.	18700.	1455.0	1427.	20127.
42	24005.	8775.	0.	15230.	24005.	1455.0	1509.	25514.
43	19973.	8773.	0.	11200.	19973.	1455.0	1256.	21229.
44	21372.	9126.	0.	12246.	21372.	1455.0	914.	22286.
45	20695.	9151.	0.	11545.	20695.	1455.0	634.	21329.
46	18935.	9295.	0.	9640.	18935.	1455.0	579.	19514.
47	19143.	9447.	0.	9696.	19143.	1455.0	586.	19729.
48	12101.	9707.	0.	2394.	12101.	1455.0	413.	12514.
49	9714.	9714.	0.	0.	9714.	1455.0	649.	10363.
50	13751.	10230.	0.	3521.	13751.	1455.0	920.	14671.
51	13190.	10455.	0.	2735.	13190.	1455.0	881.	14071.
52	11099.	10618.	0.	481.	11099.	1455.0	743.	11842.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON		DEVIL CANYON	OUTFLOW		END OF		INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE VALVE		TOTAL	WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	OUTFLOW	RESERVOIR	DEVIL CANYN-	GOLD
			RELEASE	RELEASE		ELEVATION	GOLD CREEK	CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
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	7209.	7209.	0.	0.	7209.	1455.0	476.	7685.
5	7413.	7413.	0.	0.	7413.	1455.0	407.	7820.
6	7669.	7669.	0.	0.	7669.	1455.0	355.	8024.
7	7949.	7949.	0.	0.	7949.	1455.0	319.	8268.
8	8243.	8243.	0.	0.	8243.	1455.0	296.	8539.
9	8486.	8486.	0.	0.	8486.	1455.0	272.	8758.
10	8853.	8853.	0.	0.	8853.	1455.0	234.	9087.
11	9048.	9048.	0.	0.	9048.	1455.0	224.	9272.
12	8810.	8810.	0.	0.	8810.	1455.0	217.	9027.
13	8405.	8405.	0.	0.	8405.	1455.0	201.	8606.
14	8169.	8169.	0.	0.	8169.	1455.0	176.	8345.
15	8162.	8162.	0.	0.	8162.	1455.0	165.	8327.
16	8153.	8153.	0.	0.	8153.	1455.0	157.	8310.
17	8148.	8148.	0.	0.	8148.	1455.0	151.	8299.
18	8141.	8141.	0.	0.	8141.	1455.0	144.	8285.
19	8183.	8183.	0.	0.	8183.	1455.0	152.	8335.
20	8164.	8164.	0.	0.	8164.	1455.0	147.	8311.
21	8153.	8153.	0.	0.	8153.	1455.0	147.	8300.
22	8072.	8072.	0.	0.	8072.	1455.0	140.	8212.
23	7672.	7672.	0.	0.	7672.	1455.0	122.	7794.
24	7425.	7425.	0.	0.	7425.	1455.0	122.	7547.
25	7242.	7242.	0.	0.	7242.	1455.0	122.	7364.
26	7126.	7126.	0.	0.	7126.	1455.0	123.	7249.
27	7058.	7058.	0.	0.	7058.	1455.0	209.	7267.
28	6882.	6882.	0.	0.	6882.	1455.0	209.	7091.
29	6701.	6701.	0.	0.	6701.	1455.0	209.	6910.
30	6529.	6529.	0.	0.	6529.	1455.0	221.	6750.
31	6228.	6228.	0.	0.	6228.	1455.0	139.	6367.
32	5472.	5472.	0.	0.	5472.	1455.0	213.	5685.
33	5434.	5710.	0.	0.	5710.	1454.6	290.	6000.
34	5869.	5804.	0.	0.	5804.	1454.7	196.	6000.
35	5378.	5779.	0.	0.	5779.	1454.0	221.	6000.
36	3850.	7531.	0.	0.	7531.	1447.7	469.	8000.
37	4287.	7349.	0.	0.	7349.	1441.4	651.	8000.
38	3817.	7443.	0.	0.	7443.	1434.0	557.	8000.
39	4051.	7306.	0.	0.	7306.	1427.4	694.	8000.
40	4320.	7010.	0.	0.	7010.	1421.9	990.	8000.
41	4085.	7081.	0.	0.	7081.	1415.8	919.	8000.
42	4086.	7071.	0.	0.	7071.	1409.7	929.	8000.
43	4759.	7089.	0.	0.	7089.	1405.0	911.	8000.
44	15939.	6721.	0.	0.	6721.	1423.8	1279.	8000.
45	17917.	6803.	0.	0.	6803.	1446.4	1197.	8000.
46	16659.	9328.	0.	2425.	11754.	1455.0	1112.	12866.
47	13901.	9426.	0.	4475.	13901.	1455.0	928.	14829.
48	10010.	9696.	0.	314.	10010.	1455.0	676.	10686.
49	10516.	9985.	0.	531.	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	5876.	5876.	0.	0.	5876.	1455.0	354.	6230.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	CONC. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN-ING FLOW DEVIL CANYON- GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	6276.	6276.	0.	0.	6276.	1455.0	411.	6687.
2	6625.	6625.	0.	0.	6625.	1455.0	462.	7087.
3	6850.	6850.	0.	0.	6850.	1455.0	373.	7223.
4	7077.	7077.	0.	0.	7077.	1455.0	281.	7358.
5	7357.	7357.	0.	0.	7357.	1455.0	310.	7667.
6	7641.	7641.	0.	0.	7641.	1455.0	296.	7937.
7	7902.	7902.	0.	0.	7902.	1455.0	222.	8124.
8	8013.	8013.	0.	0.	8013.	1455.0	195.	8208.
9	8307.	8307.	0.	0.	8307.	1455.0	179.	8486.
10	8703.	8703.	0.	0.	8703.	1455.0	152.	8855.
11	8893.	8893.	0.	0.	8893.	1455.0	138.	9031.
12	8644.	8644.	0.	0.	8644.	1455.0	124.	8768.
13	8198.	8198.	0.	0.	8198.	1455.0	119.	8317.
14	7941.	7941.	0.	0.	7941.	1455.0	98.	8039.
15	7962.	7962.	0.	0.	7962.	1455.0	94.	8056.
16	7976.	7976.	0.	0.	7976.	1455.0	94.	8070.
17	7989.	7989.	0.	0.	7989.	1455.0	94.	8083.
18	7989.	7989.	0.	0.	7989.	1455.0	87.	8076.
19	8037.	8037.	0.	0.	8037.	1455.0	82.	8119.
20	6429.	6429.	0.	0.	6429.	1455.0	82.	6511.
21	6445.	6445.	0.	0.	6445.	1455.0	82.	6527.
22	6375.	6375.	0.	0.	6375.	1455.0	74.	6449.
23	6018.	6018.	0.	0.	6018.	1455.0	31.	6049.
24	5820.	5820.	0.	0.	5820.	1455.0	31.	5851.
25	5603.	5603.	0.	0.	5603.	1455.0	31.	5634.
26	5461.	5461.	0.	0.	5461.	1455.0	31.	5492.
27	5390.	5390.	0.	0.	5390.	1455.0	69.	5459.
28	5217.	5217.	0.	0.	5217.	1455.0	73.	5290.
29	6279.	6279.	0.	0.	6279.	1455.0	81.	6360.
30	5970.	5970.	0.	0.	5970.	1455.0	103.	6073.
31	5509.	5509.	0.	0.	5509.	1455.0	105.	5614.
32	5355.	5355.	0.	0.	5355.	1455.0	145.	5500.
33	5627.	5662.	0.	0.	5662.	1454.9	338.	6000.
34	5878.	5843.	0.	0.	5843.	1455.0	539.	6382.
35	6266.	6266.	0.	0.	6266.	1455.0	1008.	7274.
36	3136.	8197.	0.	0.	8197.	1446.1	803.	9000.
37	2701.	8326.	0.	0.	8326.	1434.6	674.	9000.
38	2509.	8391.	0.	0.	8391.	1422.7	609.	9000.
39	2817.	8247.	0.	0.	8247.	1411.6	753.	9000.
40	4472.	7711.	0.	0.	7711.	1405.0	1289.	9000.
41	12251.	7725.	0.	0.	7725.	1414.2	1275.	9000.
42	30205.	5810.	0.	3683.	9493.	1455.0	1552.	11045.
43	30868.	5131.	0.	25737.	30868.	1455.0	1589.	32457.
44	24867.	9138.	0.	15729.	24867.	1455.0	1647.	26514.
45	23326.	9160.	0.	14166.	23326.	1455.0	1474.	24800.
46	18838.	9295.	0.	9543.	18838.	1455.0	1191.	20029.
47	16043.	9436.	0.	6607.	16043.	1455.0	1014.	17057.
48	14232.	9718.	0.	4514.	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.	10452.	0.	2211.	12663.	1455.0	880.	13543.
52	10027.	10027.	0.	0.	10027.	1455.0	695.	10722.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	DEVIL 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1980 1	7486.	7486.	0.	0.	7486.	1455.0	404.	7890.
2	9501.	9501.	0.	0.	9501.	1455.0	513.	10014.
3	6830.	6830.	0.	0.	6830.	1455.0	361.	7191.
4	7044.	7044.	0.	0.	7044.	1455.0	267.	7311.
5	7309.	7309.	0.	0.	7309.	1455.0	283.	7592.
6	7590.	7590.	0.	0.	7590.	1455.0	276.	7866.
7	7915.	7915.	0.	0.	7915.	1455.0	308.	8223.
8	8157.	8157.	0.	0.	8157.	1455.0	220.	8377.
9	8451.	8451.	0.	0.	8451.	1455.0	206.	8657.
10	8824.	8824.	0.	0.	8824.	1455.0	167.	8991.
11	9021.	9021.	0.	0.	9021.	1455.0	150.	9171.
12	8775.	8775.	0.	0.	8775.	1455.0	138.	8913.
13	8318.	8318.	0.	0.	8318.	1455.0	125.	8443.
14	8095.	8095.	0.	0.	8095.	1455.0	113.	8208.
15	8094.	8094.	0.	0.	8094.	1455.0	107.	8201.
16	8087.	8087.	0.	0.	8087.	1455.0	101.	8188.
17	8083.	8083.	0.	0.	8083.	1455.0	96.	8179.
18	8081.	8081.	0.	0.	8081.	1455.0	93.	8174.
19	8117.	8117.	0.	0.	8117.	1455.0	89.	8206.
20	8101.	8101.	0.	0.	8101.	1455.0	85.	8186.
21	8088.	8088.	0.	0.	8088.	1455.0	81.	8169.
22	8013.	8013.	0.	0.	8013.	1455.0	80.	8093.
23	7652.	7652.	0.	0.	7652.	1455.0	79.	7731.
24	7426.	7426.	0.	0.	7426.	1455.0	79.	7505.
25	7198.	7198.	0.	0.	7198.	1455.0	79.	7277.
26	7082.	7082.	0.	0.	7082.	1455.0	79.	7161.
27	7009.	7009.	0.	0.	7009.	1455.0	140.	7149.
28	6832.	6832.	0.	0.	6832.	1455.0	140.	6972.
29	6674.	6674.	0.	0.	6674.	1455.0	147.	6821.
30	6517.	6517.	0.	0.	6517.	1455.0	200.	6717.
31	6316.	6316.	0.	0.	6316.	1455.0	268.	6584.
32	5990.	5990.	0.	0.	5990.	1455.0	502.	6492.
33	6208.	6208.	0.	0.	6208.	1455.0	718.	6926.
34	5803.	5803.	0.	0.	5803.	1455.0	642.	6445.
35	6127.	6127.	0.	0.	6127.	1455.0	1075.	7202.
36	6861.	6861.	0.	0.	6861.	1455.0	3170.	10031.
37	6344.	6502.	0.	0.	6502.	1454.7	2498.	9000.
38	6693.	6535.	0.	0.	6535.	1455.0	3235.	9770.
39	6264.	6264.	0.	0.	6264.	1455.0	2822.	9086.
40	5134.	7158.	0.	0.	7158.	1451.8	1842.	9000.
41	9263.	7239.	0.	0.	7239.	1455.0	1867.	9106.
42	31585.	5087.	0.	26498.	31585.	1455.0	1972.	33557.
43	28372.	7657.	0.	20715.	28372.	1455.0	1771.	30143.
44	31440.	5437.	0.	26003.	31440.	1455.0	1574.	33014.
45	21402.	9153.	0.	12249.	21402.	1455.0	1798.	23200.
46	20230.	9300.	0.	10930.	20230.	1455.0	1699.	21929.
47	18346.	9444.	0.	8902.	18346.	1455.0	1540.	19886.
48	13413.	9714.	0.	3699.	13413.	1455.0	1044.	14457.
49	9786.	9786.	0.	0.	9786.	1455.0	784.	10570.
50	10465.	10212.	0.	253.	10465.	1455.0	839.	11304.
51	17592.	10476.	0.	7116.	17592.	1455.0	1408.	19000.
52	11492.	10620.	0.	872.	11492.	1455.0	921.	12413.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON TURBINE DISCHARGE	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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
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	7049.	7049.	0.	0.	7049.	1455.0	254.	7303.
5	7274.	7274.	0.	0.	7274.	1455.0	268.	7542.
6	7561.	7561.	0.	0.	7561.	1455.0	282.	7843.
7	7820.	7820.	0.	0.	7820.	1455.0	211.	8031.
8	8135.	8135.	0.	0.	8135.	1455.0	215.	8350.
9	8436.	8436.	0.	0.	8436.	1455.0	202.	8638.
10	8479.	8479.	0.	0.	8479.	1455.0	98.	8577.
11	8683.	8683.	0.	0.	8683.	1455.0	76.	8759.
12	8696.	8696.	0.	0.	8696.	1455.0	71.	8767.
13	8252.	8252.	0.	0.	8252.	1455.0	68.	8320.
14	8057.	8057.	0.	0.	8057.	1455.0	47.	8104.
15	8066.	8066.	0.	0.	8066.	1455.0	54.	8120.
16	8070.	8070.	0.	0.	8070.	1455.0	63.	8133.
17	8072.	8072.	0.	0.	8072.	1455.0	68.	8140.
18	8069.	8069.	0.	0.	8069.	1455.0	67.	8136.
19	8195.	8195.	0.	0.	8195.	1455.0	174.	8369.
20	8153.	8153.	0.	0.	8153.	1455.0	146.	8299.
21	8111.	8111.	0.	0.	8111.	1455.0	116.	8227.
22	8032.	8032.	0.	0.	8032.	1455.0	109.	8141.
23	7669.	7669.	0.	0.	7669.	1455.0	109.	7778.
24	7448.	7448.	0.	0.	7448.	1455.0	116.	7564.
25	7219.	7219.	0.	0.	7219.	1455.0	119.	7338.
26	7086.	7086.	0.	0.	7086.	1455.0	121.	7207.
27	7028.	7028.	0.	0.	7028.	1455.0	251.	7279.
28	6853.	6853.	0.	0.	6853.	1455.0	261.	7114.
29	6676.	6676.	0.	0.	6676.	1455.0	278.	6953.
30	6521.	6521.	0.	0.	6521.	1455.0	360.	6881.
31	6289.	6289.	0.	0.	6289.	1455.0	427.	6716.
32	6648.	6648.	0.	0.	6648.	1455.0	1161.	7809.
33	6490.	6490.	0.	0.	6490.	1455.0	1165.	7655.
34	6134.	6134.	0.	0.	6134.	1455.0	767.	6901.
35	6326.	6326.	0.	0.	6326.	1455.0	1059.	7385.
36	3176.	8462.	0.	0.	8462.	1445.6	538.	9000.
37	2938.	8511.	0.	0.	8511.	1434.3	489.	9000.
38	3093.	8474.	0.	0.	8474.	1423.3	526.	9000.
39	3384.	8387.	0.	0.	8387.	1413.1	613.	9000.
40	4447.	7328.	0.	0.	7328.	1407.3	1672.	9000.
41	9517.	5052.	0.	0.	5052.	1416.4	3948.	9000.
42	33121.	5036.	0.	8425.	13461.	1455.0	3860.	17321.
43	33258.	4323.	0.	28935.	33258.	1455.0	3442.	36700.
44	36067.	2741.	0.	33326.	36067.	1455.0	2533.	38600.
45	34704.	3744.	0.	30960.	34704.	1455.0	1453.	36157.
46	38000.	0.	0.	38000.	38000.	1455.0	1877.	39877.
47	38000.	0.	0.	38000.	38000.	1455.0	1488.	39488.
48	28225.	8837.	0.	19388.	28225.	1455.0	1139.	29364.
49	16893.	10017.	0.	6876.	16893.	1455.0	1093.	17986.
50	13620.	10229.	0.	3391.	13620.	1455.0	880.	14500.
51	11366.	10445.	0.	921.	11366.	1455.0	734.	12100.
52	9251.	9251.	0.	0.	9251.	1455.0	598.	9849.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON WEEK	INFLOW	DEVIL CANYON 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
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	6569.	6569.	0.	0.	6569.	1455.0	1072.	7641.
2	6486.	6486.	0.	0.	6486.	1455.0	1010.	7496.
3	6795.	6795.	0.	0.	6795.	1455.0	1038.	7833.
4	7143.	7143.	0.	0.	7143.	1455.0	1205.	8348.
5	7432.	7432.	0.	0.	7432.	1455.0	471.	7903.
6	7689.	7689.	0.	0.	7689.	1455.0	430.	8119.
7	7988.	7988.	0.	0.	7988.	1455.0	421.	8409.
8	8252.	8252.	0.	0.	8252.	1455.0	354.	8606.
9	8524.	8524.	0.	0.	8524.	1455.0	294.	8818.
10	8795.	8795.	0.	0.	8795.	1455.0	201.	8996.
11	8984.	8984.	0.	0.	8984.	1455.0	192.	9176.
12	8832.	8832.	0.	0.	8832.	1455.0	185.	9017.
13	8384.	8384.	0.	0.	8384.	1455.0	185.	8569.
14	8195.	8195.	0.	0.	8195.	1455.0	216.	8411.
15	8196.	8196.	0.	0.	8196.	1455.0	217.	8413.
16	8191.	8191.	0.	0.	8191.	1455.0	217.	8408.
17	8190.	8190.	0.	0.	8190.	1455.0	217.	8407.
18	8181.	8181.	0.	0.	8181.	1455.0	208.	8389.
19	8247.	8247.	0.	0.	8247.	1455.0	246.	8493.
20	8178.	8178.	0.	0.	8178.	1455.0	179.	8357.
21	8123.	8123.	0.	0.	8123.	1455.0	131.	8254.
22	8045.	8045.	0.	0.	8045.	1455.0	118.	8163.
23	7670.	7670.	0.	0.	7670.	1455.0	99.	7769.
24	7446.	7446.	0.	0.	7446.	1455.0	99.	7545.
25	7225.	7225.	0.	0.	7225.	1455.0	104.	7329.
26	7132.	7132.	0.	0.	7132.	1455.0	134.	7266.
27	7114.	7114.	0.	0.	7114.	1455.0	214.	7328.
28	6939.	6939.	0.	0.	6939.	1455.0	214.	7153.
29	6771.	6771.	0.	0.	6771.	1455.0	237.	7008.
30	6640.	6640.	0.	0.	6640.	1455.0	314.	6954.
31	6325.	6325.	0.	0.	6325.	1455.0	351.	6676.
32	5923.	5923.	0.	0.	5923.	1455.0	893.	6816.
33	6503.	6503.	0.	0.	6503.	1455.0	1655.	8158.
34	6762.	6762.	0.	0.	6762.	1455.0	2223.	8985.
35	6700.	6700.	0.	0.	6700.	1455.0	2171.	8871.
36	5863.	7507.	0.	0.	7507.	1452.4	1493.	9000.
37	4829.	7752.	0.	0.	7752.	1447.1	1248.	9000.
38	5940.	7352.	0.	0.	7352.	1444.2	1648.	9000.
39	5515.	7402.	0.	0.	7402.	1440.4	1598.	9000.
40	3033.	8210.	0.	0.	8210.	1429.8	790.	9000.
41	3796.	8022.	0.	0.	8022.	1421.2	978.	9000.
42	10999.	8007.	0.	0.	8007.	1427.3	993.	9000.
43	26386.	8950.	0.	3160.	12110.	1455.0	1114.	13224.
44	22303.	9129.	0.	13174.	22303.	1455.0	1354.	23657.
45	15386.	9132.	0.	6254.	15386.	1455.0	1243.	16629.
46	13388.	9273.	0.	4116.	13388.	1455.0	1083.	14471.
47	11684.	9415.	0.	2269.	11684.	1455.0	945.	12629.
48	13035.	9712.	0.	3323.	13035.	1455.0	979.	14014.
49	12548.	9996.	0.	2552.	12548.	1455.0	938.	13486.
50	15713.	10240.	0.	5473.	15713.	1455.0	1173.	16886.
51	24712.	10505.	0.	14207.	24712.	1455.0	1845.	26557.
52	13620.	10632.	0.	2988.	13620.	1455.0	1018.	14638.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	3018.	5502.	0.	0.	5502.	1958.7	595.	6097.
2	2841.	4546.	0.	0.	4546.	1957.4	560.	5106.
3	2489.	4773.	0.	0.	4773.	1955.7	490.	5263.
4	1680.	4999.	0.	0.	4999.	1953.2	331.	5330.
5	1432.	5364.	0.	0.	5364.	1950.2	183.	5547.
6	1202.	5696.	0.	0.	5696.	1946.2	147.	5843.
7	950.	5918.	0.	0.	5918.	1941.8	115.	6033.
8	842.	4857.	0.	0.	4857.	1938.3	101.	4958.
9	787.	5051.	0.	0.	5051.	1934.5	96.	5147.
10	735.	5316.	0.	0.	5316.	1930.5	105.	5421.
11	699.	5450.	0.	0.	5450.	1926.3	100.	5550.
12	694.	5308.	0.	0.	5308.	1922.2	99.	5407.
13	694.	5032.	0.	0.	5032.	1918.3	99.	5131.
14	656.	4893.	0.	0.	4893.	1914.6	124.	5017.
15	656.	4910.	0.	0.	4910.	1910.8	125.	5035.
16	628.	4919.	0.	0.	4919.	1907.0	120.	5039.
17	617.	4927.	0.	0.	4927.	1903.2	118.	5045.
18	618.	4936.	0.	0.	4936.	1899.2	117.	5053.
19	628.	4968.	0.	0.	4968.	1894.7	111.	5079.
20	589.	4944.	0.	0.	4944.	1890.2	104.	5048.
21	589.	4956.	0.	0.	4956.	1885.7	104.	5060.
22	589.	4913.	0.	0.	4913.	1881.2	104.	5017.
23	605.	4695.	0.	0.	4695.	1877.0	93.	4788.
24	616.	4539.	0.	0.	4539.	1872.9	95.	4634.
25	645.	4368.	0.	0.	4368.	1869.0	100.	4468.
26	645.	4256.	0.	0.	4256.	1865.3	100.	4356.
27	769.	4192.	0.	0.	4192.	1861.7	42.	4234.
28	846.	4052.	0.	0.	4052.	1858.4	47.	4099.
29	969.	3907.	0.	0.	3907.	1855.3	52.	3959.
30	1176.	3701.	0.	0.	3701.	1852.7	64.	3765.
31	1634.	3353.	0.	0.	3353.	1850.9	199.	3552.
32	3900.	3144.	0.	0.	3144.	1851.7	483.	3627.
33	13817.	3009.	0.	0.	3009.	1862.9	1708.	4717.
34	12474.	3616.	0.	0.	3616.	1872.1	1544.	5160.
35	15221.	3258.	0.	0.	3258.	1884.6	1925.	5183.
36	12989.	3039.	0.	0.	3039.	1894.9	2516.	5555.
37	12531.	2997.	0.	0.	2997.	1904.1	2426.	5423.
38	11864.	3008.	0.	0.	3008.	1911.9	2298.	5306.
39	19977.	3086.	0.	0.	3086.	1926.9	3868.	6954.
40	20089.	3554.	0.	0.	3554.	1941.5	2987.	6541.
41	16855.	3014.	0.	0.	3014.	1953.2	2507.	5521.
42	18059.	3044.	0.	0.	3044.	1964.6	2686.	5730.
43	17267.	2912.	0.	0.	2912.	1975.4	2568.	5480.
44	21606.	3236.	0.	0.	3236.	1989.3	3153.	6389.
45	18880.	2673.	0.	2119.	4792.	2000.0	2775.	7567.
46	14586.	0.	0.	14586.	14586.	2000.0	2146.	16732.
47	16486.	0.	0.	16486.	16486.	2000.0	2424.	18910.
48	11350.	0.	0.	11350.	11350.	2000.0	1671.	13021.
49	9396.	0.	0.	9396.	9396.	2000.0	1598.	10994.
50	7477.	1619.	0.	5858.	7477.	2000.0	1271.	8748.
51	7616.	1693.	0.	5923.	7616.	2000.0	1294.	8910.
52	4244.	5202.	0.	0.	5202.	1999.2	723.	5925.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	4991.	5206.	0.	0.	5206.	1999.0	1302.	6508.
2	4166.	5622.	0.	0.	5622.	1997.9	1087.	6709.
3	3393.	6037.	0.	0.	6037.	1995.9	886.	6923.
4	2885.	6421.	0.	0.	6421.	1993.2	753.	7174.
5	2923.	6737.	0.	0.	6737.	1990.3	698.	7435.
6	2796.	7075.	0.	0.	7075.	1987.1	653.	7728.
7	2543.	7416.	0.	0.	7416.	1983.4	595.	8011.
8	2249.	7709.	0.	0.	7709.	1979.3	526.	8235.
9	2013.	8017.	0.	0.	8017.	1974.8	473.	8490.
10	1886.	8438.	0.	0.	8438.	1969.8	435.	8873.
11	1761.	8651.	0.	0.	8651.	1964.6	405.	9056.
12	1614.	8425.	0.	0.	8425.	1959.4	372.	8797.
13	1446.	7987.	0.	0.	7987.	1954.5	333.	8320.
14	1328.	7767.	0.	0.	7767.	1949.6	269.	8036.
15	1188.	7794.	0.	0.	7794.	1943.7	241.	8035.
16	1080.	7808.	0.	0.	7808.	1937.7	218.	8026.
17	950.	7821.	0.	0.	7821.	1931.7	190.	8011.
18	880.	7835.	0.	0.	7835.	1925.5	179.	8014.
19	821.	7886.	0.	0.	7886.	1919.2	178.	8064.
20	746.	7848.	0.	0.	7848.	1912.9	162.	8010.
21	746.	6294.	0.	0.	6294.	1908.0	162.	6456.
22	730.	6238.	0.	0.	6238.	1903.2	159.	6397.
23	716.	5962.	0.	0.	5962.	1898.3	149.	6111.
24	716.	5764.	0.	0.	5764.	1893.0	149.	5913.
25	716.	5547.	0.	0.	5547.	1888.0	149.	5696.
26	716.	5405.	0.	0.	5405.	1883.1	149.	5554.
27	717.	5323.	0.	0.	5323.	1878.3	153.	5476.
28	744.	5146.	0.	0.	5146.	1873.8	159.	5305.
29	808.	4962.	0.	0.	4962.	1869.5	172.	5134.
30	904.	4700.	0.	0.	4700.	1865.5	192.	4892.
31	1098.	5322.	0.	0.	5322.	1861.1	214.	5536.
32	1415.	4990.	0.	0.	4990.	1857.4	285.	5275.
33	2087.	4776.	0.	0.	4776.	1854.6	419.	5195.
34	3683.	3616.	0.	0.	3616.	1854.7	741.	4357.
35	6558.	3258.	0.	0.	3258.	1858.1	1303.	4561.
36	19251.	2912.	0.	0.	2912.	1875.1	2359.	5271.
37	39740.	2997.	0.	0.	2997.	1911.3	4872.	7869.
38	24136.	2584.	0.	0.	2584.	1930.4	2958.	5542.
39	33340.	2980.	0.	0.	2980.	1956.2	4088.	7068.
40	21395.	1486.	0.	0.	1486.	1971.3	1794.	3280.
41	21771.	1553.	0.	0.	1553.	1986.6	1825.	3378.
42	25092.	1715.	0.	5615.	7330.	2000.0	2105.	9435.
43	16325.	974.	0.	15351.	16325.	2000.0	1369.	17694.
44	20943.	0.	0.	20943.	20943.	2000.0	2218.	23161.
45	38945.	10231.	0.	23708.	33939.	2003.2	4061.	38000.
46	34819.	10366.	0.	24000.	34366.	2003.5	3628.	37994.
47	21352.	2811.	0.	24000.	26811.	2000.0	2225.	29036.
48	16880.	0.	0.	16880.	16880.	2000.0	1777.	18657.
49	19170.	0.	0.	19170.	19170.	2000.0	2289.	21459.
50	12233.	0.	0.	12233.	12233.	2000.0	1460.	13693.
51	9251.	95.	0.	9156.	9251.	2000.0	1103.	10354.
52	8027.	1805.	0.	6222.	8027.	2000.0	958.	8985.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	4259.	0.	2360.	6619.	2000.0	735.	7354.
2	5931.	5738.	0.	193.	5931.	2000.0	659.	6590.
3	4501.	6226.	0.	0.	6226.	1998.7	501.	6727.
4	3711.	6582.	0.	0.	6582.	1996.5	413.	6995.
5	3005.	6884.	0.	0.	6884.	1993.6	381.	7265.
6	2717.	7220.	0.	0.	7220.	1990.2	339.	7559.
7	2574.	7539.	0.	0.	7539.	1986.4	322.	7861.
8	2430.	7864.	0.	0.	7864.	1982.3	305.	8169.
9	2311.	8017.	0.	0.	8017.	1978.0	291.	8308.
10	2016.	8438.	0.	0.	8438.	1973.1	373.	8811.
11	2016.	8651.	0.	0.	8651.	1968.1	373.	9024.
12	1860.	8425.	0.	0.	8425.	1963.2	345.	8770.
13	1860.	7987.	0.	0.	7987.	1958.5	345.	8332.
14	1790.	7833.	0.	0.	7833.	1954.0	392.	8225.
15	1642.	7852.	0.	0.	7852.	1949.1	359.	8211.
16	1642.	7851.	0.	0.	7851.	1943.6	359.	8210.
17	1642.	7852.	0.	0.	7852.	1938.1	359.	8211.
18	1643.	7850.	0.	0.	7850.	1932.6	357.	8207.
19	1528.	7892.	0.	0.	7892.	1927.0	357.	8249.
20	1465.	7884.	0.	0.	7884.	1921.3	342.	8226.
21	1465.	7868.	0.	0.	7868.	1915.6	342.	8210.
22	1403.	7798.	0.	0.	7798.	1910.0	327.	8125.
23	1416.	7452.	0.	0.	7452.	1904.6	302.	7754.
24	1351.	7205.	0.	0.	7205.	1899.3	288.	7493.
25	1351.	6934.	0.	0.	6934.	1893.6	288.	7222.
26	1329.	6881.	0.	0.	6881.	1887.8	284.	7165.
27	1241.	6851.	0.	0.	6851.	1882.0	242.	7093.
28	1241.	6674.	0.	0.	6674.	1876.3	242.	6916.
29	1189.	6499.	0.	0.	6499.	1870.8	233.	6732.
30	1241.	5875.	0.	0.	5875.	1866.0	242.	6117.
31	2386.	5322.	0.	0.	5322.	1863.0	560.	5882.
32	13753.	4030.	0.	0.	4030.	1873.1	3317.	7347.
33	13553.	3938.	0.	0.	3938.	1883.0	3270.	7208.
34	18894.	3036.	0.	0.	3036.	1899.5	4558.	7594.
35	31966.	1247.	0.	0.	1247.	1926.8	7421.	8668.
36	20142.	2198.	0.	0.	2198.	1942.7	3190.	5388.
37	35772.	3030.	0.	0.	3030.	1968.5	5665.	8695.
38	31327.	2416.	0.	0.	2416.	1990.4	4961.	7377.
39	21178.	0.	0.	8454.	8454.	2000.0	3354.	11808.
40	22096.	0.	0.	22096.	22096.	2000.0	2178.	24274.
41	22084.	0.	0.	22084.	22084.	2000.0	2177.	24261.
42	19683.	0.	0.	19683.	19683.	2000.0	1940.	21623.
43	16050.	0.	0.	16050.	16050.	2000.0	1582.	17632.
44	18343.	0.	0.	18343.	18343.	2000.0	1225.	19568.
45	19675.	0.	0.	19675.	19675.	2000.0	1278.	20953.
46	18045.	0.	0.	18045.	18045.	2000.0	1174.	19219.
47	18653.	0.	0.	18653.	18653.	2000.0	1212.	19865.
48	12473.	0.	0.	12473.	12473.	2000.0	817.	13290.
49	11598.	0.	0.	11598.	11598.	2000.0	991.	12589.
50	15857.	0.	0.	15857.	15857.	2000.0	1355.	17212.
51	11686.	0.	0.	11686.	11686.	2000.0	999.	12685.
52	5278.	5344.	0.	0.	5344.	1999.9	450.	5794.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	4296.	5714.	0.	0.	5714.	1998.9	335.	6049.
2	3976.	6034.	0.	0.	6034.	1997.3	310.	6344.
3	5515.	6276.	0.	0.	6276.	1996.7	430.	6706.
4	4090.	6643.	0.	0.	6643.	1994.8	319.	6962.
5	2727.	6969.	0.	0.	6969.	1991.6	243.	7212.
6	2210.	7310.	0.	0.	7310.	1987.7	198.	7508.
7	1887.	7641.	0.	0.	7641.	1983.4	169.	7810.
8	1738.	7709.	0.	0.	7709.	1978.9	156.	7865.
9	1519.	8017.	0.	0.	8017.	1974.0	135.	8152.
10	1356.	8438.	0.	0.	8438.	1968.6	155.	8593.
11	1210.	8651.	0.	0.	8651.	1963.0	139.	8790.
12	1186.	8425.	0.	0.	8425.	1957.5	135.	8560.
13	1186.	7987.	0.	0.	7987.	1952.4	135.	8122.
14	1051.	7767.	0.	0.	7767.	1946.8	111.	7878.
15	1026.	7794.	0.	0.	7794.	1940.8	108.	7902.
16	1026.	7808.	0.	0.	7808.	1934.8	108.	7916.
17	1026.	7821.	0.	0.	7821.	1928.8	108.	7929.
18	1035.	7835.	0.	0.	7835.	1922.8	107.	7942.
19	1008.	7886.	0.	0.	7886.	1916.7	134.	8020.
20	1008.	7848.	0.	0.	7848.	1910.6	134.	7982.
21	1008.	6294.	0.	0.	6294.	1905.9	134.	6428.
22	929.	6238.	0.	0.	6238.	1901.2	121.	6359.
23	868.	5962.	0.	0.	5962.	1896.2	77.	6039.
24	868.	5764.	0.	0.	5764.	1891.1	77.	5841.
25	868.	5547.	0.	0.	5547.	1886.2	77.	5624.
26	868.	5405.	0.	0.	5405.	1881.5	77.	5482.
27	879.	5323.	0.	0.	5323.	1876.9	70.	5393.
28	879.	5146.	0.	0.	5146.	1872.5	70.	5216.
29	879.	4962.	0.	0.	4962.	1868.2	70.	5032.
30	929.	4700.	0.	0.	4700.	1864.3	74.	4774.
31	1227.	4258.	0.	0.	4258.	1861.2	102.	4360.
32	2355.	3992.	0.	0.	3992.	1859.5	197.	4189.
33	8066.	3821.	0.	0.	3821.	1863.9	671.	4492.
34	11109.	3616.	0.	0.	3616.	1871.6	926.	4542.
35	13811.	3258.	0.	0.	3258.	1882.6	1163.	4421.
36	17385.	2362.	0.	0.	2362.	1898.2	1863.	4225.
37	28985.	2997.	0.	0.	2997.	1921.5	3104.	6101.
38	31344.	2859.	0.	0.	2859.	1946.7	3356.	6215.
39	20593.	1884.	0.	0.	1884.	1961.3	2205.	4089.
40	18980.	1058.	0.	0.	1058.	1974.9	1405.	2463.
41	18143.	1144.	0.	0.	1144.	1987.8	1345.	2489.
42	13728.	1028.	5580.	0.	6607.	1993.1	1016.	7623.
43	14810.	1084.	6297.	0.	7381.	1998.8	1095.	8476.
44	15752.	1461.	0.	12654.	14115.	2000.0	1278.	15393.
45	18754.	1318.	0.	17437.	18754.	2000.0	1521.	20275.
46	14942.	0.	0.	14942.	14942.	2000.0	1213.	16155.
47	19441.	0.	0.	19441.	19441.	2000.0	1577.	21018.
48	20593.	0.	0.	20593.	20593.	2000.0	1667.	22260.
49	11210.	0.	0.	11210.	11210.	2000.0	864.	12074.
50	7823.	1977.	0.	5846.	7823.	2000.0	602.	8425.
51	6605.	3682.	0.	2923.	6605.	2000.0	510.	7115.
52	5366.	5359.	0.	7.	5366.	2000.0	413.	5779.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	4607.	5537.	0.	0.	5537.	1999.3	668.	6205.
2	3710.	5911.	0.	0.	5911.	1997.6	539.	6450.
3	2558.	6312.	0.	0.	6312.	1994.8	372.	6684.
4	1938.	6679.	0.	0.	6679.	1991.2	282.	6961.
5	1693.	7050.	0.	0.	7050.	1987.2	142.	7192.
6	1459.	7388.	0.	0.	7388.	1982.7	115.	7503.
7	1344.	7397.	0.	0.	7397.	1978.1	106.	7503.
8	1230.	7709.	0.	0.	7709.	1973.2	98.	7807.
9	1129.	8017.	0.	0.	8017.	1968.0	89.	8106.
10	1028.	8438.	0.	0.	8438.	1962.4	71.	8509.
11	926.	8651.	0.	0.	8651.	1956.5	63.	8714.
12	881.	8425.	0.	0.	8425.	1950.8	60.	8485.
13	854.	7987.	0.	0.	7987.	1944.6	59.	8046.
14	816.	7767.	0.	0.	7767.	1938.5	60.	7827.
15	811.	7794.	0.	0.	7794.	1932.3	59.	7853.
16	778.	7808.	0.	0.	7808.	1926.1	57.	7865.
17	765.	7821.	0.	0.	7821.	1919.8	57.	7878.
18	745.	6268.	0.	0.	6268.	1914.9	53.	6321.
19	707.	6309.	0.	0.	6309.	1910.0	58.	6367.
20	694.	6278.	0.	0.	6278.	1905.0	57.	6335.
21	662.	6294.	0.	0.	6294.	1900.0	55.	6349.
22	663.	6238.	0.	0.	6238.	1894.3	55.	6293.
23	648.	5962.	0.	0.	5962.	1888.7	66.	6028.
24	636.	5764.	0.	0.	5764.	1883.4	64.	5828.
25	605.	5547.	0.	0.	5547.	1878.3	61.	5608.
26	605.	5405.	0.	0.	5405.	1873.3	61.	5466.
27	594.	5323.	0.	0.	5323.	1868.4	45.	5368.
28	620.	5146.	0.	0.	5146.	1863.7	45.	5191.
29	747.	4962.	0.	0.	4962.	1859.3	55.	5017.
30	1189.	4700.	0.	0.	4700.	1855.7	90.	4790.
31	2059.	4258.	0.	0.	4258.	1853.4	328.	4586.
32	5341.	3992.	0.	0.	3992.	1854.8	884.	4876.
33	9964.	3821.	0.	0.	3821.	1861.2	1647.	5468.
34	22246.	3616.	0.	0.	3616.	1880.5	3675.	7291.
35	25280.	3258.	0.	0.	3258.	1902.9	4103.	7361.
36	16013.	2794.	0.	0.	2794.	1914.6	2096.	4890.
37	13675.	2355.	0.	0.	2355.	1924.6	1788.	4143.
38	12785.	2156.	0.	0.	2156.	1934.0	1672.	3828.
39	13651.	2109.	0.	0.	2109.	1944.3	1785.	3894.
40	14383.	1456.	0.	0.	1456.	1954.9	1618.	3074.
41	17876.	1776.	0.	0.	1776.	1967.0	2011.	3787.
42	16396.	1680.	2359.	0.	4039.	1976.4	1845.	5884.
43	15766.	1654.	4541.	0.	6195.	1983.6	1773.	7968.
44	14730.	2106.	3910.	0.	6016.	1990.2	1875.	7891.
45	15504.	2192.	3626.	0.	5818.	1997.6	1989.	7807.
46	13265.	2112.	0.	7918.	10030.	2000.0	1701.	11731.
47	10498.	1942.	0.	8556.	10498.	2000.0	1346.	11844.
48	14244.	2348.	0.	11896.	14244.	2000.0	1828.	16072.
49	13395.	3474.	0.	9922.	13395.	2000.0	2191.	15586.
50	7511.	2851.	0.	4660.	7511.	2000.0	1227.	8738.
51	7590.	1782.	0.	5809.	7590.	2000.0	1240.	8830.
52	9984.	0.	0.	9984.	9984.	2000.0	1634.	11618.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	4537.	5562.	0.	0.	5562.	1999.2	621.	6183.
2	4509.	5869.	0.	0.	5869.	1998.2	617.	6486.
3	2402.	6331.	0.	0.	6331.	1995.2	330.	6661.
4	1602.	6710.	0.	0.	6710.	1991.4	220.	6930.
5	1468.	7045.	0.	0.	7045.	1987.1	150.	7195.
6	1478.	7373.	0.	0.	7373.	1982.7	144.	7517.
7	1478.	7397.	0.	0.	7397.	1978.2	144.	7541.
8	1478.	7709.	0.	0.	7709.	1973.5	144.	7853.
9	1461.	8017.	0.	0.	8017.	1968.5	146.	8163.
10	1264.	8438.	0.	0.	8438.	1963.1	215.	8653.
11	1264.	8651.	0.	0.	8651.	1957.5	215.	8866.
12	1264.	8425.	0.	0.	8425.	1952.1	215.	8640.
13	1264.	7987.	0.	0.	7987.	1946.5	215.	8202.
14	1270.	7767.	0.	0.	7767.	1940.8	203.	7970.
15	1203.	7794.	0.	0.	7794.	1934.9	191.	7985.
16	1203.	7808.	0.	0.	7808.	1929.1	191.	7999.
17	1203.	7821.	0.	0.	7821.	1923.2	191.	8012.
18	1200.	7835.	0.	0.	7835.	1917.3	193.	8028.
19	1123.	6309.	0.	0.	6309.	1912.7	242.	6551.
20	1123.	6278.	0.	0.	6278.	1908.2	242.	6520.
21	1081.	6294.	0.	0.	6294.	1903.5	232.	6526.
22	1051.	6238.	0.	0.	6238.	1898.8	223.	6461.
23	1040.	5962.	0.	0.	5962.	1893.7	232.	6194.
24	1040.	5764.	0.	0.	5764.	1888.8	232.	5996.
25	1040.	5547.	0.	0.	5547.	1884.1	232.	5779.
26	1040.	5405.	0.	0.	5405.	1879.6	232.	5637.
27	1036.	5323.	0.	0.	5323.	1875.1	212.	5535.
28	1047.	5146.	0.	0.	5146.	1870.9	213.	5359.
29	1142.	4962.	0.	0.	4962.	1866.9	233.	5195.
30	1354.	4700.	0.	0.	4700.	1863.4	276.	4976.
31	2133.	4258.	0.	0.	4258.	1861.2	426.	4684.
32	5138.	3992.	0.	0.	3992.	1862.4	1046.	5038.
33	11291.	3821.	0.	0.	3821.	1870.2	2301.	6122.
34	17252.	3616.	0.	0.	3616.	1884.3	3518.	7134.
35	23081.	2950.	0.	0.	2950.	1904.4	4627.	7577.
36	30459.	3185.	0.	0.	3185.	1928.6	4003.	7188.
37	22880.	2430.	0.	0.	2430.	1946.7	3006.	5436.
38	28749.	2649.	0.	0.	2649.	1966.9	3778.	6427.
39	25700.	2139.	0.	0.	2139.	1984.8	3379.	5518.
40	23413.	1420.	0.	1836.	3257.	2000.0	2742.	5998.
41	25455.	1455.	0.	24000.	25455.	2000.0	2981.	28436.
42	24131.	131.	0.	24000.	24131.	2000.0	2826.	26957.
43	22076.	0.	0.	22076.	22076.	2000.0	2584.	24660.
44	20265.	0.	0.	20265.	20265.	2000.0	2524.	22789.
45	16199.	0.	0.	16199.	16199.	2000.0	2043.	18242.
46	15474.	0.	0.	15474.	15474.	2000.0	1952.	17426.
47	13658.	0.	0.	13658.	13658.	2000.0	1722.	15380.
48	11762.	0.	0.	11762.	11762.	2000.0	1490.	13252.
49	9359.	0.	0.	9359.	9359.	2000.0	1499.	10858.
50	15849.	0.	0.	15849.	15849.	2000.0	2537.	18386.
51	14847.	0.	0.	14847.	14847.	2000.0	2376.	17223.
52	12513.	0.	0.	12513.	12513.	2000.0	2002.	14515.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	7559.	2053.	0.	5506.	7559.	2000.0	1787.	9346.
2	6664.	3905.	0.	2759.	6664.	2000.0	1579.	8243.
3	6139.	5258.	0.	882.	6139.	2000.0	1454.	7593.
4	3621.	6341.	0.	0.	6341.	1997.9	857.	7198.
5	2720.	6845.	0.	0.	6845.	1994.8	439.	7284.
6	1937.	7232.	0.	0.	7232.	1990.8	304.	7536.
7	1475.	7586.	0.	0.	7586.	1986.2	232.	7818.
8	1173.	7935.	0.	0.	7935.	1981.1	183.	8118.
9	1011.	8017.	0.	0.	8017.	1975.8	156.	8173.
10	925.	8438.	0.	0.	8438.	1970.1	138.	8576.
11	890.	8651.	0.	0.	8651.	1964.2	133.	8784.
12	855.	8425.	0.	0.	8425.	1958.5	128.	8553.
13	809.	7987.	0.	0.	7987.	1953.1	121.	8108.
14	778.	7767.	0.	0.	7767.	1947.4	142.	7909.
15	778.	7794.	0.	0.	7794.	1941.2	143.	7937.
16	750.	7808.	0.	0.	7808.	1934.9	138.	7946.
17	739.	7821.	0.	0.	7821.	1928.7	136.	7957.
18	741.	7835.	0.	0.	7835.	1922.4	135.	7970.
19	746.	7886.	0.	0.	7886.	1916.1	134.	8020.
20	746.	7848.	0.	0.	7848.	1909.8	134.	7982.
21	746.	6294.	0.	0.	6294.	1904.9	134.	6428.
22	726.	6238.	0.	0.	6238.	1900.0	130.	6368.
23	687.	5962.	0.	0.	5962.	1894.5	135.	6097.
24	687.	5764.	0.	0.	5764.	1889.2	135.	5899.
25	687.	5547.	0.	0.	5547.	1884.2	135.	5682.
26	687.	5405.	0.	0.	5405.	1879.3	135.	5540.
27	644.	5323.	0.	0.	5323.	1874.4	112.	5435.
28	675.	5146.	0.	0.	5146.	1869.8	117.	5263.
29	839.	4962.	0.	0.	4962.	1865.5	144.	5106.
30	1402.	4700.	0.	0.	4700.	1862.1	241.	4941.
31	3440.	4258.	0.	0.	4258.	1861.2	871.	5129.
32	9778.	3992.	0.	0.	3992.	1867.2	2596.	6588.
33	9397.	3821.	0.	0.	3821.	1873.0	2495.	6316.
34	9828.	3616.	0.	0.	3616.	1879.5	2608.	6224.
35	11375.	3258.	0.	0.	3258.	1887.9	3021.	6279.
36	23100.	2872.	0.	0.	2872.	1907.6	3145.	6017.
37	24887.	2735.	0.	0.	2735.	1927.2	3387.	6122.
38	17525.	1937.	0.	0.	1937.	1941.0	2384.	4321.
39	16928.	1736.	0.	0.	1736.	1953.8	2306.	4042.
40	16991.	1424.	0.	0.	1424.	1965.6	1285.	2709.
41	16954.	1509.	0.	0.	1509.	1977.3	1281.	2790.
42	16164.	1526.	715.	0.	2241.	1987.8	1221.	3462.
43	16576.	1610.	5109.	0.	6719.	1995.3	1255.	7974.
44	20226.	1306.	0.	12665.	13971.	2000.0	1024.	14995.
45	26317.	2317.	0.	24000.	26317.	2000.0	1283.	27600.
46	19534.	0.	0.	19534.	19534.	2000.0	952.	20486.
47	15004.	0.	0.	15004.	15004.	2000.0	732.	15736.
48	10554.	0.	0.	10554.	10554.	2000.0	525.	11079.
49	6302.	2821.	0.	3481.	6302.	2000.0	862.	7164.
50	5160.	4075.	0.	1085.	5160.	2000.0	707.	5867.
51	5190.	5442.	0.	0.	5442.	1999.8	712.	6154.
52	5530.	5333.	0.	0.	5333.	2000.0	755.	6088.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	3729.	5515.	0.	0.	5515.	1998.6	713.	6228.
2	3045.	5894.	0.	0.	5894.	1996.5	581.	6475.
3	2903.	6221.	0.	0.	6221.	1994.0	555.	6776.
4	2576.	6572.	0.	0.	6572.	1990.9	492.	7064.
5	2139.	6853.	0.	0.	6853.	1987.4	513.	7366.
6	1963.	7193.	0.	0.	7193.	1983.4	475.	7668.
7	1839.	7397.	0.	0.	7397.	1979.2	446.	7843.
8	1736.	7709.	0.	0.	7709.	1974.7	420.	8129.
9	2097.	8017.	0.	0.	8017.	1970.2	503.	8520.
10	1902.	8438.	0.	0.	8438.	1965.3	527.	8965.
11	1722.	8651.	0.	0.	8651.	1960.0	478.	9129.
12	1583.	8425.	0.	0.	8425.	1954.9	437.	8862.
13	1462.	7987.	0.	0.	7987.	1949.9	405.	8392.
14	1442.	7767.	0.	0.	7767.	1944.3	330.	8097.
15	1400.	7794.	0.	0.	7794.	1938.6	320.	8114.
16	1326.	7808.	0.	0.	7808.	1932.9	303.	8111.
17	1294.	7821.	0.	0.	7821.	1927.1	296.	8117.
18	1257.	7835.	0.	0.	7835.	1921.3	286.	8121.
19	1219.	7886.	0.	0.	7886.	1915.4	268.	8154.
20	1197.	6278.	0.	0.	6278.	1910.9	264.	6542.
21	1197.	6294.	0.	0.	6294.	1906.4	264.	6558.
22	1156.	6238.	0.	0.	6238.	1901.9	259.	6497.
23	1106.	5962.	0.	0.	5962.	1897.2	249.	6211.
24	1106.	5764.	0.	0.	5764.	1892.3	249.	6013.
25	1106.	5547.	0.	0.	5547.	1887.7	249.	5796.
26	1106.	5405.	0.	0.	5405.	1883.3	249.	5654.
27	1149.	5323.	0.	0.	5323.	1878.9	289.	5612.
28	1149.	5146.	0.	0.	5146.	1874.8	289.	5435.
29	1211.	6202.	0.	0.	6202.	1869.6	305.	6507.
30	1272.	5875.	0.	0.	5875.	1864.8	320.	6195.
31	1314.	5322.	0.	0.	5322.	1860.7	398.	5720.
32	2267.	4990.	0.	0.	4990.	1857.8	707.	5697.
33	8205.	4469.	0.	0.	4469.	1861.7	2559.	7028.
34	12588.	3508.	0.	0.	3508.	1871.1	3927.	7435.
35	19531.	2196.	0.	0.	2196.	1889.1	5917.	8113.
36	29414.	3266.	0.	0.	3266.	1913.9	3777.	7043.
37	38957.	2600.	0.	0.	2600.	1946.1	5005.	7605.
38	31928.	2701.	0.	0.	2701.	1968.8	4100.	6801.
39	28489.	2137.	0.	0.	2137.	1988.7	3659.	5796.
40	18502.	1274.	0.	2277.	3551.	2000.0	1928.	5479.
41	20572.	0.	0.	20572.	20572.	2000.0	2144.	22716.
42	21740.	0.	0.	21740.	21740.	2000.0	2265.	24005.
43	18089.	0.	0.	18089.	18089.	2000.0	1884.	19973.
44	19531.	0.	0.	19531.	19531.	2000.0	1841.	21372.
45	18939.	0.	0.	18939.	18939.	2000.0	1756.	20695.
46	17328.	0.	0.	17328.	17328.	2000.0	1607.	18935.
47	17519.	0.	0.	17519.	17519.	2000.0	1624.	19143.
48	11066.	0.	0.	11066.	11066.	2000.0	1035.	12101.
49	8643.	297.	0.	8346.	8643.	2000.0	1071.	9714.
50	12235.	0.	0.	12235.	12235.	2000.0	1516.	13751.
51	11736.	0.	0.	11736.	11736.	2000.0	1454.	13190.
52	9877.	0.	0.	9877.	9877.	2000.0	1222.	11099.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	3419.	0.	3364.	6782.	2000.0	1330.	8112.
2	6882.	3921.	0.	2961.	6882.	2000.0	1347.	8229.
3	6046.	5658.	0.	388.	6046.	2000.0	1186.	7232.
4	4510.	6324.	0.	0.	6324.	1998.6	885.	7209.
5	3355.	6689.	0.	0.	6689.	1996.1	724.	7413.
6	2862.	7057.	0.	0.	7057.	1992.9	612.	7669.
7	2578.	7396.	0.	0.	7396.	1989.3	553.	7949.
8	2392.	7731.	0.	0.	7731.	1985.3	512.	8243.
9	2223.	8017.	0.	0.	8017.	1980.9	469.	8486.
10	2108.	8438.	0.	0.	8438.	1976.1	415.	8853.
11	2015.	8651.	0.	0.	8651.	1971.1	397.	9048.
12	1955.	8425.	0.	0.	8425.	1966.2	385.	8810.
13	1808.	8050.	0.	0.	8050.	1961.4	355.	8405.
14	1741.	7850.	0.	0.	7850.	1956.8	319.	8169.
15	1641.	7861.	0.	0.	7861.	1952.1	301.	8162.
16	1557.	7867.	0.	0.	7867.	1946.9	286.	8153.
17	1496.	7874.	0.	0.	7874.	1941.2	274.	8148.
18	1403.	7881.	0.	0.	7881.	1935.5	260.	8141.
19	1285.	7920.	0.	0.	7920.	1929.6	263.	8183.
20	1247.	7908.	0.	0.	7908.	1923.7	256.	8164.
21	1247.	7897.	0.	0.	7897.	1917.8	256.	8153.
22	1212.	7824.	0.	0.	7824.	1912.0	248.	8072.
23	1258.	7452.	0.	0.	7452.	1906.5	220.	7672.
24	1258.	7205.	0.	0.	7205.	1901.2	220.	7425.
25	1258.	7022.	0.	0.	7022.	1895.5	220.	7242.
26	1275.	6903.	0.	0.	6903.	1889.6	223.	7126.
27	1251.	6868.	0.	0.	6868.	1883.8	190.	7058.
28	1251.	6692.	0.	0.	6692.	1878.1	190.	6882.
29	1251.	6511.	0.	0.	6511.	1872.7	190.	6701.
30	1322.	6329.	0.	0.	6329.	1867.5	200.	6529.
31	3355.	6079.	0.	0.	6079.	1864.7	149.	6228.
32	11862.	4990.	0.	0.	4990.	1871.8	482.	5472.
33	16195.	4776.	0.	0.	4776.	1883.6	658.	5434.
34	10959.	5424.	0.	0.	5424.	1889.4	445.	5869.
35	11660.	4888.	0.	0.	4888.	1896.4	490.	5378.
36	13979.	2912.	0.	0.	2912.	1906.7	938.	3850.
37	19417.	2984.	0.	0.	2984.	1921.3	1303.	4287.
38	16614.	2702.	0.	0.	2702.	1933.6	1115.	3817.
39	20703.	2662.	0.	0.	2662.	1949.6	1389.	4051.
40	19608.	2604.	0.	0.	2604.	1962.5	1716.	4320.
41	18215.	2490.	0.	0.	2490.	1974.4	1595.	4085.
42	18416.	2474.	0.	0.	2474.	1986.5	1612.	4086.
43	18064.	2483.	694.	0.	3177.	1997.7	1582.	4759.
44	16600.	3141.	0.	10463.	13604.	2000.0	2335.	15939.
45	15674.	2812.	0.	12862.	15674.	2000.0	2243.	17917.
46	14572.	0.	0.	14572.	14572.	2000.0	2087.	16659.
47	12160.	0.	0.	12160.	12160.	2000.0	1741.	13901.
48	8756.	0.	0.	8756.	8756.	2000.0	1254.	10010.
49	9287.	0.	0.	9287.	9287.	2000.0	1229.	10516.
50	8372.	809.	0.	7563.	8372.	2000.0	1108.	9480.
51	6293.	3669.	0.	2624.	6293.	2000.0	833.	7126.
52	4696.	5255.	0.	0.	5255.	1999.5	621.	5876.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

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 CNYN.	TOTAL FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	4195.	5466.	0.	0.	5466.	1998.6	810.	6276.
2	4701.	5719.	0.	0.	5719.	1997.8	906.	6625.
3	3796.	6118.	0.	0.	6118.	1996.0	732.	6850.
4	2849.	6528.	0.	0.	6528.	1993.2	549.	7077.
5	2736.	6826.	0.	0.	6826.	1990.2	531.	7357.
6	2368.	7179.	0.	0.	7179.	1986.5	462.	7641.
7	1774.	7555.	0.	0.	7555.	1982.1	347.	7902.
8	1558.	7709.	0.	0.	7709.	1977.5	304.	8013.
9	1502.	8017.	0.	0.	8017.	1972.6	290.	8307.
10	1483.	8438.	0.	0.	8438.	1967.3	265.	8703.
11	1349.	8651.	0.	0.	8651.	1961.8	242.	8893.
12	1214.	8425.	0.	0.	8425.	1956.3	219.	8644.
13	1170.	7987.	0.	0.	7987.	1951.2	211.	8198.
14	1185.	7767.	0.	0.	7767.	1945.5	174.	7941.
15	1138.	7794.	0.	0.	7794.	1939.6	168.	7962.
16	1138.	7808.	0.	0.	7808.	1933.7	168.	7976.
17	1138.	7821.	0.	0.	7821.	1927.8	168.	7989.
18	1059.	7835.	0.	0.	7835.	1921.8	154.	7989.
19	1067.	7886.	0.	0.	7886.	1915.8	151.	8037.
20	1067.	6278.	0.	0.	6278.	1911.2	151.	6429.
21	1067.	6294.	0.	0.	6294.	1906.5	151.	6445.
22	989.	6238.	0.	0.	6238.	1901.9	137.	6375.
23	1113.	5962.	0.	0.	5962.	1897.2	56.	6018.
24	1113.	5764.	0.	0.	5764.	1892.3	56.	5820.
25	1113.	5547.	0.	0.	5547.	1887.7	56.	5603.
26	1113.	5405.	0.	0.	5405.	1883.3	56.	5461.
27	1064.	5323.	0.	0.	5323.	1878.9	67.	5390.
28	1113.	5146.	0.	0.	5146.	1874.7	71.	5217.
29	1228.	6202.	0.	0.	6202.	1869.5	77.	6279.
30	1545.	5875.	0.	0.	5875.	1865.0	95.	5970.
31	2451.	5322.	0.	0.	5322.	1862.0	187.	5509.
32	4633.	4990.	0.	0.	4990.	1861.7	365.	5355.
33	10811.	4776.	0.	0.	4776.	1867.9	851.	5627.
34	17246.	4520.	0.	0.	4520.	1881.1	1358.	5878.
35	28470.	4073.	0.	0.	4073.	1905.5	2193.	6266.
36	25470.	1923.	0.	0.	1923.	1926.4	1213.	3136.
37	21379.	1683.	0.	0.	1683.	1943.8	1018.	2701.
38	19302.	1591.	0.	0.	1591.	1958.1	918.	2509.
39	23880.	1679.	0.	0.	1679.	1974.9	1138.	2817.
40	22832.	1944.	278.	0.	2221.	1990.5	2250.	4471.
41	22584.	1823.	0.	8201.	10024.	2000.0	2227.	12251.
	27495.	3495.	0.	24000.	27495.	2000.0	2710.	30205.
43	28100.	4100.	0.	24000.	28100.	2000.0	2768.	30868.
44	21732.	0.	0.	21732.	21732.	2000.0	3135.	24867.
45	20346.	0.	0.	20346.	20346.	2000.0	2980.	23326.
46	16431.	0.	0.	16431.	16431.	2000.0	2407.	18838.
47	13993.	0.	0.	13993.	13993.	2000.0	2050.	16043.
48	12415.	0.	0.	12415.	12415.	2000.0	1817.	14232.
49	7911.	1271.	0.	6640.	7911.	2000.0	923.	8834.
50	7704.	1776.	0.	5928.	7704.	2000.0	902.	8606.
51	11339.	0.	0.	11339.	11339.	2000.0	1324.	12663.
52	8978.	651.	0.	8327.	8978.	2000.0	1049.	10027.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CANYON	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONVEYANCE RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1980 1	6672.	4112.	0.	2560.	6672.	2000.0	814.	7486.
2	8469.	2515.	0.	5954.	8469.	2000.0	1032.	9501.
3	5948.	6105.	0.	0.	6105.	1999.9	725.	6830.
4	4395.	6509.	0.	0.	6509.	1998.3	535.	7044.
5	4084.	6805.	0.	0.	6805.	1996.2	504.	7309.
6	3698.	7140.	0.	0.	7140.	1993.6	450.	7590.
7	4120.	7414.	0.	0.	7414.	1991.1	501.	7915.
8	2949.	7797.	0.	0.	7797.	1987.5	360.	8157.
9	2811.	8111.	0.	0.	8111.	1983.5	340.	8451.
10	2297.	8545.	0.	0.	8545.	1978.7	279.	8824.
11	2069.	8769.	0.	0.	8769.	1973.7	252.	9021.
12	1890.	8546.	0.	0.	8546.	1968.6	229.	8775.
13	1711.	8111.	0.	0.	8111.	1963.8	207.	8318.
14	1607.	7901.	0.	0.	7901.	1959.0	194.	8095.
15	1535.	7907.	0.	0.	7907.	1954.2	187.	8094.
16	1451.	7910.	0.	0.	7910.	1949.2	177.	8087.
17	1379.	7915.	0.	0.	7915.	1943.4	168.	8083.
18	1345.	7919.	0.	0.	7919.	1937.6	162.	8081.
19	1285.	7962.	0.	0.	7962.	1931.7	155.	8117.
20	1224.	7953.	0.	0.	7953.	1925.7	148.	8101.
21	1176.	7945.	0.	0.	7945.	1919.7	143.	8088.
22	1175.	7868.	0.	0.	7868.	1913.8	145.	8013.
23	1177.	7508.	0.	0.	7508.	1908.2	144.	7652.
24	1177.	7282.	0.	0.	7282.	1902.8	144.	7426.
25	1177.	7054.	0.	0.	7054.	1897.2	144.	7198.
26	1177.	6938.	0.	0.	6938.	1891.2	144.	7082.
27	1122.	6871.	0.	0.	6871.	1885.2	138.	7009.
28	1122.	6694.	0.	0.	6694.	1879.4	138.	6832.
29	1179.	6529.	0.	0.	6529.	1873.9	145.	6674.
30	1604.	6321.	0.	0.	6321.	1869.0	196.	6517.
31	3462.	5903.	0.	0.	5903.	1866.4	413.	6316.
32	8212.	4990.	0.	0.	4990.	1869.8	1000.	5990.
33	11764.	4776.	0.	0.	4776.	1877.0	1432.	6208.
34	10518.	4520.	0.	0.	4520.	1883.3	1283.	5803.
35	16714.	4073.	0.	0.	4073.	1896.4	2054.	6127.
36	25823.	3711.	0.	0.	3711.	1916.5	3150.	6861.
37	20349.	3862.	0.	0.	3862.	1931.1	2482.	6344.
38	26351.	3479.	0.	0.	3479.	1951.2	3214.	6693.
39	22988.	3460.	0.	0.	3460.	1965.9	2804.	6264.
40	26281.	1914.	0.	0.	1914.	1984.4	3220.	5134.
41	26663.	1727.	0.	4266.	5993.	2000.0	3270.	9263.
42	28137.	4137.	0.	24000.	28137.	2000.0	3448.	31585.
43	25275.	1275.	0.	24000.	25275.	2000.0	3097.	28372.
44	28150.	4150.	0.	24000.	28150.	2000.0	3290.	31440.
45	19051.	0.	0.	19051.	19051.	2000.0	2351.	21402.
46	18006.	0.	0.	18006.	18006.	2000.0	2224.	20230.
47	16331.	0.	0.	16331.	16331.	2000.0	2015.	18346.
48	11948.	0.	0.	11948.	11948.	2000.0	1465.	13413.
49	8723.	217.	0.	8506.	8723.	2000.0	1063.	9786.
50	9329.	0.	0.	9329.	9329.	2000.0	1136.	10465.
51	15679.	0.	0.	15679.	15679.	2000.0	1913.	17592.
52	10243.	0.	0.	10243.	10243.	2000.0	1249.	11492.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	8532.	1957.	0.	6575.	8532.	2000.0	902.	9434.
2	7605.	3722.	0.	3883.	7605.	2000.0	804.	8409.
3	6326.	5922.	0.	404.	6326.	2000.0	668.	6994.
4	5214.	6498.	0.	0.	6498.	1999.0	551.	7049.
5	3950.	6835.	0.	0.	6835.	1996.8	439.	7274.
6	3534.	7166.	0.	0.	7166.	1994.1	395.	7561.
7	2637.	7525.	0.	0.	7525.	1990.4	295.	7820.
8	2685.	7835.	0.	0.	7835.	1986.5	300.	8135.
9	2707.	8145.	0.	0.	8145.	1982.4	291.	8436.
10	2175.	8438.	0.	0.	8438.	1977.7	41.	8479.
11	1678.	8651.	0.	0.	8651.	1972.4	32.	8683.
12	1578.	8666.	0.	0.	8666.	1967.0	30.	8696.
13	1516.	8222.	0.	0.	8222.	1961.9	30.	8252.
14	1448.	7981.	0.	0.	7981.	1957.0	76.	8057.
15	1684.	7975.	0.	0.	7975.	1952.2	91.	8066.
16	1961.	7965.	0.	0.	7965.	1947.3	105.	8070.
17	2118.	7958.	0.	0.	7958.	1942.1	114.	8072.
18	2142.	7949.	0.	0.	7949.	1937.0	120.	8069.
19	1911.	7866.	0.	0.	7866.	1931.7	329.	8195.
20	1594.	7879.	0.	0.	7879.	1926.2	274.	8153.
21	1265.	7892.	0.	0.	7892.	1920.3	219.	8111.
22	1190.	7831.	0.	0.	7831.	1914.4	201.	8032.
23	1194.	7472.	0.	0.	7472.	1908.8	197.	7669.
24	1274.	7238.	0.	0.	7238.	1903.6	210.	7448.
25	1297.	7006.	0.	0.	7006.	1898.2	213.	7219.
26	1314.	6871.	0.	0.	6871.	1892.5	215.	7086.
27	1238.	6817.	0.	0.	6817.	1886.7	211.	7028.
28	1291.	6634.	0.	0.	6634.	1881.1	219.	6853.
29	1373.	6441.	0.	0.	6441.	1875.9	235.	6676.
30	1779.	6217.	0.	0.	6217.	1871.3	304.	6521.
31	4737.	5830.	0.	0.	5830.	1870.1	459.	6289.
32	17566.	4975.	0.	0.	4975.	1883.2	1673.	6648.
33	17640.	4809.	0.	0.	4809.	1896.5	1681.	6490.
34	11625.	5026.	0.	0.	5026.	1902.9	1108.	6134.
35	19077.	4519.	0.	0.	4519.	1915.8	1807.	6326.
36	16465.	1550.	0.	0.	1550.	1929.0	1626.	3176.
37	14949.	1462.	0.	0.	1462.	1940.9	1476.	2938.
38	16085.	1504.	0.	0.	1504.	1953.3	1589.	3093.
39	18788.	1528.	0.	0.	1528.	1966.3	1856.	3384.
40	14090.	2380.	0.	0.	2380.	1975.2	2067.	4447.
41	33261.	4640.	0.	0.	4640.	1996.9	4877.	9517.
42	32516.	4354.	0.	24000.	28354.	2000.0	4767.	33121.
43	29007.	5007.	0.	24000.	29007.	2000.0	4251.	33258.
44	31168.	7168.	0.	24000.	31168.	2000.0	4899.	36067.
45	30077.	6077.	0.	24000.	30077.	2000.0	4627.	34704.
46	38871.	10402.	0.	21617.	32019.	2004.4	5981.	38000.
47	30803.	10552.	0.	22710.	33262.	2002.8	4738.	38000.
48	20647.	1040.	0.	24000.	25040.	2000.0	3185.	28225.
49	15158.	0.	0.	15158.	15158.	2000.0	1735.	16893.
50	12220.	0.	0.	12220.	12220.	2000.0	1400.	13620.
51	10197.	0.	0.	10197.	10197.	2000.0	1169.	11366.
52	8299.	1510.	0.	6789.	8299.	2000.0	952.	9251.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	5130.	0.	771.	5901.	2000.0	668.	6569.
2	5560.	5856.	0.	0.	5856.	1999.8	630.	6486.
3	5713.	6147.	0.	0.	6147.	1999.4	648.	6795.
4	6627.	6394.	0.	0.	6394.	1999.6	749.	7143.
5	3364.	6655.	0.	0.	6655.	1997.1	777.	7432.
6	2845.	7021.	0.	0.	7021.	1994.0	668.	7689.
7	2782.	7334.	0.	0.	7334.	1990.5	654.	7988.
8	2339.	7702.	0.	0.	7702.	1986.5	550.	8252.
9	2057.	8047.	0.	0.	8047.	1981.9	477.	8524.
10	1971.	8438.	0.	0.	8438.	1977.1	357.	8795.
11	1860.	8651.	0.	0.	8651.	1971.9	333.	8984.
12	1794.	8511.	0.	0.	8511.	1966.8	321.	8832.
13	1794.	8063.	0.	0.	8063.	1962.1	321.	8384.
14	1697.	7808.	0.	0.	7808.	1957.5	387.	8195.
15	1695.	7808.	0.	0.	7808.	1952.8	388.	8196.
16	1695.	7803.	0.	0.	7803.	1947.9	388.	8191.
17	1695.	7802.	0.	0.	7802.	1942.5	388.	8190.
18	1729.	7804.	0.	0.	7804.	1937.1	377.	8181.
19	1662.	7798.	0.	0.	7798.	1931.7	449.	8247.
20	1213.	7849.	0.	0.	7849.	1925.8	329.	8178.
21	881.	7885.	0.	0.	7885.	1919.6	238.	8123.
22	767.	7830.	0.	0.	7830.	1913.4	215.	8045.
23	826.	7495.	0.	0.	7495.	1907.5	175.	7670.
24	826.	7271.	0.	0.	7271.	1901.7	175.	7446.
25	874.	7039.	0.	0.	7039.	1895.6	186.	7225.
26	1123.	6892.	0.	0.	6892.	1889.7	240.	7132.
27	956.	6784.	0.	0.	6784.	1883.6	330.	7114.
28	956.	6609.	0.	0.	6609.	1877.7	330.	6939.
29	1057.	6408.	0.	0.	6408.	1872.2	363.	6771.
30	1403.	6157.	0.	0.	6157.	1867.3	483.	6640.
31	2641.	5931.	0.	0.	5931.	1863.8	394.	6325.
32	6274.	4990.	0.	0.	4990.	1865.2	933.	5923.
33	11618.	4776.	0.	0.	4776.	1872.3	1727.	6503.
34	15603.	4445.	0.	0.	4445.	1883.9	2317.	6762.
35	17916.	4073.	0.	0.	4073.	1898.2	2627.	6700.
36	21638.	2851.	0.	0.	2851.	1915.1	3012.	5863.
37	18090.	2310.	0.	0.	2310.	1929.1	2519.	4829.
38	23883.	2614.	0.	0.	2614.	1947.9	3326.	5940.
39	23173.	2286.	0.	0.	2286.	1964.0	3229.	5515.
40	16689.	1012.	0.	0.	1012.	1975.9	2021.	3033.
41	20637.	1297.	0.	0.	1297.	1990.5	2499.	3796.
42	20979.	1259.	0.	7198.	8457.	2000.0	2542.	10999.
43	23533.	0.	0.	23533.	23533.	2000.0	2853.	26386.
44	20306.	0.	0.	20306.	20306.	2000.0	1997.	22303.
45	13970.	0.	0.	13970.	13970.	2000.0	1416.	15386.
46	12157.	0.	0.	12157.	12157.	2000.0	1231.	13388.
47	10610.	0.	0.	10610.	10610.	2000.0	1074.	11684.
48	11835.	0.	0.	11835.	11835.	2000.0	1200.	13035.
49	10670.	0.	0.	10670.	10670.	2000.0	1878.	12548.
50	13360.	0.	0.	13360.	13360.	2000.0	2353.	15713.
51	21010.	0.	0.	21010.	21010.	2000.0	3702.	24712.
52	11582.	0.	0.	11582.	11582.	2000.0	2038.	13620.

TABLE 18 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR STAGE II

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVEN- ING FLOW WATANA- DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	7782.	1893.	0.	5889.	7782.	2000.0	1709.	9491.
2	6119.	4769.	0.	1350.	6119.	2000.0	1345.	7464.
3	4982.	5912.	0.	0.	5912.	1999.3	1095.	7007.
4	2921.	6460.	0.	0.	6460.	1996.6	641.	7101.
5	2384.	6887.	0.	0.	6887.	1993.2	376.	7263.
6	2252.	7224.	0.	0.	7224.	1989.5	338.	7562.
7	2137.	7546.	0.	0.	7546.	1985.4	321.	7867.
8	1997.	7709.	0.	0.	7709.	1981.0	300.	8009.
9	1944.	8017.	0.	0.	8017.	1976.4	291.	8308.
10	1850.	8438.	0.	0.	8438.	1971.5	292.	8730.
11	1850.	8651.	0.	0.	8651.	1966.3	292.	8943.
12	1850.	8425.	0.	0.	8425.	1961.3	292.	8717.
13	1965.	7987.	0.	0.	7987.	1956.8	309.	8296.
14	2201.	7767.	0.	0.	7767.	1952.6	368.	8135.
15	1906.	7885.	0.	0.	7885.	1947.7	319.	8204.
16	1690.	7903.	0.	0.	7903.	1942.2	284.	8187.
17	1588.	7915.	0.	0.	7915.	1936.6	266.	8181.
18	1553.	7918.	0.	0.	7918.	1931.0	260.	8178.
19	1535.	7976.	0.	0.	7976.	1925.3	234.	8210.
20	1650.	7950.	0.	0.	7950.	1919.7	252.	8202.
21	1685.	7930.	0.	0.	7930.	1914.2	257.	8187.
22	1583.	7798.	0.	0.	7798.	1908.7	238.	8036.
23	1534.	5962.	0.	0.	5962.	1904.7	176.	6138.
24	1437.	7205.	0.	0.	7205.	1899.6	165.	7370.
25	1389.	6934.	0.	0.	6934.	1893.8	159.	7093.
26	1280.	6961.	0.	0.	6961.	1887.9	147.	7108.
27	1185.	6902.	0.	0.	6902.	1882.0	156.	7058.
28	1208.	6725.	0.	0.	6725.	1876.3	158.	6883.
29	1411.	6528.	0.	0.	6528.	1870.9	185.	6713.
30	1907.	5875.	0.	0.	5875.	1866.8	251.	6126.
31	3484.	5322.	0.	0.	5322.	1864.9	612.	5934.
32	8419.	4990.	0.	0.	4990.	1868.5	1528.	6518.
33	14537.	4344.	0.	0.	4344.	1879.1	2639.	6983.
34	12909.	4401.	0.	0.	4401.	1887.9	2344.	6745.
35	18671.	3709.	0.	0.	3709.	1902.9	3325.	7034.
36	23758.	2038.	0.	0.	2038.	1922.2	2687.	4725.
37	17019.	1592.	0.	0.	1592.	1935.8	1923.	3515.
38	20754.	1704.	0.	0.	1704.	1952.3	2348.	4052.
39	20568.	1568.	0.	0.	1568.	1966.7	2326.	3894.
40	22463.	1669.	0.	0.	1669.	1982.4	1769.	3438.
41	19352.	1540.	853.	0.	2393.	1995.2	1523.	3916.
42	16152.	1325.	0.	8516.	9842.	2000.0	1271.	11113.
43	17431.	1190.	0.	16241.	17431.	2000.0	1370.	18801.
44	17935.	1005.	0.	16930.	17935.	2000.0	2009.	19944.
45	22829.	0.	0.	22829.	22829.	2000.0	2559.	25388.
46	21149.	0.	0.	21149.	21149.	2000.0	2371.	23520.
47	18683.	0.	0.	18683.	18683.	2000.0	2095.	20778.
48	22728.	0.	0.	22728.	22728.	2000.0	2556.	25284.
49	15528.	0.	0.	15528.	15528.	2000.0	2163.	17691.
50	9607.	0.	0.	9607.	9607.	2000.0	1339.	10946.
51	8465.	881.	0.	7584.	8465.	2000.0	1179.	9644.
52	9728.	0.	0.	9728.	9728.	2000.0	1357.	11085.

TABLE 19 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON & GOLD CREEK
FOR STAGE II

WATER YEAR/DEVIL CANYON	DEVIL CANYON	DEVIL CANYON	OUTFLOW		END OF	INTERVEN-	TOTAL
WEEK	INFLOW	TURBINE	CONE VALVE		WEEK	ING FLOW	FLOW
		DISCHARGE	ENVIRON.	EXCESS	RESERVOIR	DEVIL CNYN-	GOLD
	(CFS)	(CFS)	RELEASE	RELEASE	ELEVATION	GOLD CREEK	CREEK
1983 1	9491.	9491.	0.	0.	1455.0	938.	10429.
2	7464.	7464.	0.	0.	1455.0	737.	8201.
3	7007.	7007.	0.	0.	1455.0	600.	7607.
4	7101.	7101.	0.	0.	1455.0	352.	7453.
5	7263.	7263.	0.	0.	1455.0	211.	7474.
6	7562.	7562.	0.	0.	1455.0	196.	7758.
7	7867.	7867.	0.	0.	1455.0	185.	8052.
8	8009.	8009.	0.	0.	1455.0	174.	8183.
9	8308.	8308.	0.	0.	1455.0	165.	8473.
10	8730.	8730.	0.	0.	1455.0	159.	8889.
11	8943.	8943.	0.	0.	1455.0	158.	9101.
12	8717.	8717.	0.	0.	1455.0	158.	8875.
13	8296.	8296.	0.	0.	1455.0	169.	8465.
14	8135.	8135.	0.	0.	1455.0	202.	8337.
15	8204.	8204.	0.	0.	1455.0	175.	8379.
16	8187.	8187.	0.	0.	1455.0	155.	8342.
17	8181.	8181.	0.	0.	1455.0	146.	8327.
18	8178.	8178.	0.	0.	1455.0	144.	8322.
19	8210.	8210.	0.	0.	1455.0	131.	8341.
20	8202.	8202.	0.	0.	1455.0	141.	8343.
21	8187.	8187.	0.	0.	1455.0	144.	8331.
22	8036.	8036.	0.	0.	1455.0	136.	8172.
23	6138.	6138.	0.	0.	1455.0	104.	6242.
24	7370.	7370.	0.	0.	1455.0	98.	7468.
25	7093.	7093.	0.	0.	1455.0	95.	7188.
26	7108.	7108.	0.	0.	1455.0	87.	7195.
27	7058.	7058.	0.	0.	1455.0	159.	7217.
28	6883.	6883.	0.	0.	1455.0	163.	7046.
29	6713.	6713.	0.	0.	1455.0	190.	6903.
30	6126.	6126.	0.	0.	1455.0	256.	6382.
31	5934.	5934.	0.	0.	1455.0	490.	6424.
32	6518.	6518.	0.	0.	1455.0	1139.	7657.
33	6983.	6983.	0.	0.	1455.0	1967.	8950.
34	6745.	6745.	0.	0.	1455.0	1747.	8492.
35	7034.	7034.	0.	0.	1455.0	2147.	9181.
36	4725.	8102.	0.	0.	1449.5	898.	9000.
37	3515.	8356.	0.	0.	1439.7	644.	9000.
38	4052.	8216.	0.	0.	1431.2	784.	9000.
39	3894.	8223.	0.	0.	1422.4	777.	9000.
40	3438.	7861.	0.	0.	1413.4	1139.	9000.
41	3916.	8018.	0.	0.	1405.0	982.	9000.
42	11113.	8180.	0.	0.	1411.0	820.	9000.
43	18801.	8115.	0.	0.	1432.7	885.	9000.
44	19944.	8325.	0.	0.	8325.	1070.	9395.
45	25388.	9167.	0.	16221.	25388.	1198.	26586.
46	23520.	9312.	0.	14208.	23520.	1109.	24629.
47	20778.	9453.	0.	11325.	20778.	979.	21757.
48	25284.	9761.	0.	15523.	25284.	1245.	26529.
49	17691.	10020.	0.	7671.	17691.	1266.	18957.
50	10946.	10215.	0.	731.	10946.	783.	11729.
51	9644.	9644.	0.	0.	9644.	690.	10334.
52	11085.	10618.	0.	467.	11085.	792.	11877.

TABLE 20

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1951 1	6117.	6117.	12175.	18292.	62517.	68634.
2	6399.	6399.	9699.	16098.	62154.	68553.
3	6683.	6683.	7113.	13796.	48027.	54710.
4	6924.	6924.	4858.	11782.	33011.	39935.
5	7187.	7187.	3804.	10991.	20313.	27500.
6	7509.	7509.	2924.	10433.	14835.	22344.
7	7521.	7521.	2635.	10156.	16185.	23706.
8	7826.	7826.	2667.	10493.	10868.	18694.
9	8128.	8128.	2700.	10828.	9795.	17923.
10	8564.	8564.	2575.	11139.	10095.	18659.
11	8777.	8777.	2361.	11138.	9855.	18632.
12	8551.	8551.	2084.	10635.	7531.	16082.
13	8113.	8113.	2025.	10138.	6997.	15110.
14	7867.	7867.	2257.	10124.	6314.	14181.
15	7893.	7893.	2142.	10035.	6131.	14024.
16	7907.	7907.	2378.	10285.	7106.	15013.
17	7920.	7920.	2442.	10362.	7314.	15234.
18	6360.	6360.	2235.	8595.	8242.	14602.
19	6405.	6405.	2192.	8597.	8365.	14770.
20	6374.	6374.	1992.	8366.	7518.	13892.
21	6390.	6390.	1943.	8333.	7644.	14034.
22	6329.	6329.	1572.	7901.	6386.	12715.
23	6037.	6037.	1374.	7411.	6233.	12270.
24	5839.	5839.	1344.	7183.	5746.	11585.
25	5622.	5622.	1354.	6976.	5425.	11047.
26	5480.	5480.	1350.	6830.	6014.	11494.
27	5413.	5413.	1387.	6800.	5311.	10724.
28	5258.	5258.	1644.	6902.	6601.	11859.
29	5138.	5138.	2414.	7552.	7045.	12183.
30	5005.	5005.	3641.	8646.	10068.	15073.
31	4913.	4913.	6027.	10940.	21293.	26206.
32	5924.	5924.	13183.	19107.	50770.	56694.
33	5970.	5970.	13525.	19495.	49716.	55686.
34	4683.	5415.	11688.	17103.	58067.	63482.
35	5124.	5023.	17653.	22676.	52520.	57543.
36	4023.	8180.	27835.	36015.	73693.	81873.
37	3062.	8408.	37017.	45425.	93698.	102106.
38	2271.	8625.	26208.	34833.	81547.	90172.
39	2795.	8471.	31687.	40158.	103314.	111785.
40	5276.	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	19405.	7630.	35705.	43335.	93122.	100752.
45	16216.	7602.	35430.	43032.	102631.	110233.
46	17229.	12381.	28607.	40988.	83552.	95933.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	8578.	8578.	11727.	20305.	31953.	40531.
2	6510.	6510.	8902.	15412.	30912.	37422.
3	6729.	6729.	6768.	13497.	26026.	32755.
4	6991.	6991.	6366.	13357.	18523.	25514.
5	7325.	7325.	6574.	13899.	14724.	22049.
6	7621.	7621.	5335.	12956.	12114.	19735.
7	7881.	7881.	4313.	12194.	10542.	18423.
8	8032.	8032.	3907.	11939.	12223.	20255.
9	8316.	8316.	3528.	11844.	12537.	20853.
10	8693.	8693.	3487.	12180.	8960.	17653.
11	8906.	8906.	3672.	12578.	9525.	18431.
12	8680.	8680.	3599.	12279.	9215.	17895.
13	8242.	8242.	3352.	11594.	8243.	16485.
14	7985.	7985.	2800.	10785.	6383.	14368.
15	8007.	8007.	2510.	10517.	6398.	14405.
16	8021.	8021.	2503.	10524.	6533.	14554.
17	8034.	8034.	2400.	10434.	6209.	14243.
18	8008.	8008.	2148.	10156.	5514.	13522.
19	7980.	7980.	1623.	9603.	5087.	13067.
20	7942.	7942.	1575.	9517.	5010.	12952.
21	6388.	6388.	1396.	7784.	5201.	11589.
22	6330.	6330.	1362.	7692.	5124.	11454.
23	6055.	6055.	1437.	7492.	5236.	11291.
24	5857.	5857.	1483.	7340.	5198.	11055.
25	5640.	5640.	1594.	7234.	4860.	10500.
26	5498.	5498.	1771.	7269.	4267.	9765.
27	5392.	5392.	1780.	7172.	3877.	9269.
28	5215.	5215.	1571.	6786.	3355.	8570.
29	5031.	5031.	1608.	6639.	3142.	8173.
30	4769.	4769.	2075.	6844.	4252.	9021.
31	5483.	5483.	2838.	8321.	4826.	10309.
32	5206.	5206.	3953.	9159.	12575.	17781.
33	5071.	5773.	6026.	11799.	30934.	36707.
34	4253.	5508.	9454.	14962.	44179.	49687.
35	6282.	4325.	34728.	39053.	52604.	56929.
36	6298.	7337.	41371.	48708.	69209.	76546.
37	7611.	6645.	56475.	63120.	62070.	68715.
38	7486.	7413.	50179.	57592.	67373.	74786.
39	7032.	7032.	51710.	58742.	85180.	92212.
40	4091.	7826.	47382.	55208.	86793.	94619.
41	2940.	8167.	41385.	49552.	89861.	98028.
42	3850.	7935.	48645.	56580.	93435.	101370.
43	25342.	12295.	45230.	57525.	91683.	103978.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	10249.	10249.	19720.	29969.	39079.	49328.
2	9557.	9557.	18255.	27812.	39597.	49154.
3	7007.	7007.	11726.	18733.	27427.	34434.
4	7171.	7171.	6913.	14084.	20052.	27223.
5	7400.	7400.	5523.	12923.	18701.	26101.
6	7655.	7655.	4541.	12196.	19963.	27618.
7	7865.	7865.	3885.	11750.	15561.	23426.
8	8218.	8218.	4175.	12393.	13058.	21276.
9	8345.	8345.	3453.	11798.	13519.	21864.
10	8706.	8706.	2514.	11220.	10163.	18869.
11	8919.	8919.	2521.	11440.	8051.	16970.
12	8693.	8693.	2595.	11288.	9916.	18609.
13	8255.	8255.	2547.	10802.	8199.	16454.
14	8135.	8135.	2265.	10400.	8488.	16623.
15	8137.	8137.	2089.	10226.	7248.	15385.
16	8143.	8143.	2011.	10154.	7557.	15700.
17	8151.	8151.	1866.	10017.	7560.	15711.
18	8149.	8149.	1731.	9880.	6675.	14824.
19	8187.	8187.	1580.	9767.	6762.	14949.
20	8181.	8181.	1578.	9759.	6643.	14824.
21	7997.	7997.	1516.	9513.	5639.	13636.
22	6369.	6369.	1450.	7819.	5296.	11665.
23	6054.	6054.	1453.	7507.	5329.	11383.
24	5856.	5856.	1392.	7248.	4514.	10370.
25	5639.	5639.	1418.	7057.	4282.	9921.
26	5497.	5497.	1426.	6923.	4570.	10067.
27	6683.	6683.	1811.	8494.	4626.	11309.
28	6461.	6461.	2057.	8518.	4857.	11318.
29	6250.	6250.	3061.	9311.	5214.	11464.
30	5951.	5951.	4843.	10794.	6931.	12882.
31	6846.	6846.	12137.	18983.	14326.	21172.
32	7014.	7014.	18739.	25753.	22424.	29438.
33	6804.	6804.	18533.	25337.	36637.	43441.
34	7307.	7307.	35432.	42739.	50299.	57606.
35	6854.	6854.	31055.	37909.	56391.	63245.
36	7516.	7516.	40562.	48078.	51419.	58935.
37	6657.	7123.	41639.	48762.	66180.	73303.
38	5294.	7472.	35611.	43083.	73408.	80880.
39	5904.	7211.	38535.	45746.	96998.	104209.
40	2952.	7885.	32286.	40171.	94671.	102556.
41	3515.	7991.	31543.	39534.	103844.	111835.
42	18775.	7904.	32042.	39946.	104446.	112350.
43	19518.	17029.	32669.	49698.	92403.	109432.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1954 1	7420.	7420.	9748.	17168.	37348.	44768.
2	6696.	6696.	8429.	15125.	42883.	49579.
3	6866.	6866.	6707.	13573.	49645.	56511.
4	7103.	7103.	4878.	11981.	34811.	41914.
5	7275.	7275.	2920.	10195.	20163.	27438.
6	7581.	7581.	2927.	10508.	20415.	27996.
7	7885.	7885.	3137.	11022.	17747.	25632.
8	8008.	8008.	3001.	11009.	14575.	22583.
9	8289.	8289.	2584.	10873.	10859.	19148.
10	8638.	8638.	2429.	11067.	9720.	18358.
11	8851.	8851.	2469.	11320.	10734.	19585.
12	8625.	8625.	2490.	11115.	9213.	17838.
13	8187.	8187.	2202.	10389.	7526.	15713.
14	7907.	7907.	2016.	9923.	8163.	16070.
15	7931.	7931.	1976.	9907.	7843.	15774.
16	7945.	7945.	2005.	9950.	7054.	14999.
17	7958.	7958.	1887.	9845.	6105.	14063.
18	7958.	7958.	1830.	9788.	5607.	13565.
19	8015.	8015.	1733.	9748.	5668.	13683.
20	6407.	6407.	1754.	8161.	6085.	12492.
21	6423.	6423.	1603.	8026.	5686.	12109.
22	6356.	6356.	1650.	8006.	5793.	12149.
23	6050.	6050.	1548.	7598.	6264.	12314.
24	5852.	5852.	1541.	7393.	5939.	11791.
25	5635.	5635.	1453.	7088.	5264.	10899.
26	5493.	5493.	1425.	6918.	5340.	10833.
27	5402.	5402.	1664.	7066.	5258.	10660.
28	5225.	5225.	1561.	6786.	5004.	10229.
29	5098.	5098.	2062.	7160.	5967.	11065.
30	4846.	4846.	2051.	6897.	6432.	11278.
31	5538.	5538.	5601.	11139.	27738.	33276.
32	6605.	6605.	7234.	13839.	33285.	39890.
33	7626.	7626.	16853.	24479.	41816.	49442.
34	7749.	7749.	16715.	24464.	44121.	51870.
35	7543.	7543.	20102.	27645.	42515.	50058.
36	7054.	7054.	25479.	32533.	53196.	60250.
37	6619.	7068.	32374.	39442.	54159.	61227.
38	6109.	7146.	35967.	43113.	61676.	68822.
39	7023.	6748.	38167.	44915.	84524.	91272.
40	5496.	6127.	36028.	42155.	82344.	88471.
41	4275.	6708.	36304.	43012.	83826.	90534.
42	4120.	6771.	33787.	40558.	74969.	81740.
43	5999.	6771.	33951.	40722.	68062.	74833.
44	29010.	21312.	48516.	69828.	73656.	94968.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6460.	6460.	8462.	14922.	24523.	30983.
2	6727.	6727.	7778.	14505.	30249.	36976.
3	6902.	6902.	7289.	14191.	24138.	31040.
4	7214.	7214.	6627.	13841.	22866.	30080.
5	7382.	7382.	6145.	13527.	19329.	26711.
6	7642.	7642.	4854.	12496.	15943.	23585.
7	7943.	7943.	4023.	11966.	10676.	18619.
8	8110.	8110.	3802.	11912.	8988.	17098.
9	8401.	8401.	3378.	11779.	10433.	18834.
10	8776.	8776.	2874.	11650.	7140.	15916.
11	8983.	8983.	2878.	11861.	7056.	16039.
12	8717.	8717.	2832.	11549.	8224.	16941.
13	8279.	8279.	2702.	10981.	6996.	15275.
14	8059.	8059.	2850.	10909.	7481.	15540.
15	8088.	8088.	2638.	10726.	6519.	14607.
16	8059.	8059.	2256.	10315.	6095.	14154.
17	8055.	8055.	2205.	10260.	6138.	14193.
18	8057.	8057.	1868.	9925.	6254.	14311.
19	8114.	8114.	1681.	9795.	6321.	14435.
20	8076.	8076.	1567.	9643.	5774.	13850.
21	6522.	6522.	1530.	8052.	5596.	12118.
22	6442.	6442.	1447.	7889.	5596.	12038.
23	6093.	6093.	1375.	7468.	5730.	11823.
24	5895.	5895.	1505.	7400.	5263.	11158.
25	5678.	5678.	1487.	7165.	4457.	10135.
26	5536.	5536.	1693.	7229.	5062.	10598.
27	6788.	6788.	2058.	8846.	5393.	12181.
28	6566.	6566.	1994.	8560.	5201.	11767.
29	6336.	6336.	2026.	8362.	5112.	11448.
30	6009.	6009.	2099.	8108.	6561.	12570.
31	5940.	5940.	3841.	9781.	12190.	18130.
32	5819.	5819.	5983.	11802.	22869.	28688.
33	5743.	5743.	6702.	12445.	50359.	56102.
34	7073.	7073.	14282.	21355.	60856.	67929.
35	7094.	7094.	15488.	22582.	69216.	76310.
36	4781.	7794.	23569.	31363.	88460.	96254.
37	6888.	7032.	36681.	43713.	75258.	82290.
38	7014.	6865.	38159.	45024.	83668.	90533.
39	6221.	7002.	43396.	50398.	98754.	105756.
40	4675.	7608.	46414.	54022.	116696.	124304.
41	3902.	7837.	52017.	59854.	135958.	143795.
42	15867.	8102.	49992.	58094.	137176.	145278.
43	25282.	22389.	43304.	65693.	128999.	151388.
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	36191.	36191.	28356.	64547.	47860.	84051.
49	18609.	18609.	26701.	45310.	57015.	75624.
50	14219.	14219.	29830.	44049.	69023.	83242.
51	11555.	11555.	22986.	34541.	69317.	80872.
52	9100.	9100.	22001.	31101.	70424.	79524.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6471.	6471.	10675.	17146.	48245.	54716.
3	6727.	6727.	7711.	14438.	48840.	55567.
4	7009.	7009.	5874.	12883.	37549.	44558.
5	7226.	7226.	3862.	11088.	22111.	29337.
6	7525.	7525.	2903.	10428.	16444.	23969.
7	7835.	7835.	3155.	10990.	13535.	21370.
8	7886.	7886.	3191.	11077.	12499.	20385.
9	8181.	8181.	3016.	11197.	10940.	19121.
10	8608.	8608.	2432.	11040.	8605.	17213.
11	8821.	8821.	2451.	11272.	9621.	18442.
12	8595.	8595.	2498.	11093.	8420.	17015.
13	8157.	8157.	2710.	10867.	9357.	17514.
14	7877.	7877.	2336.	10213.	8480.	16357.
15	7897.	7897.	2124.	10021.	8165.	16062.
16	7911.	7911.	1931.	9842.	7098.	15009.
17	7924.	7924.	1870.	9794.	7198.	15122.
18	7940.	7940.	1791.	9731.	7422.	15362.
19	8028.	8028.	1680.	9708.	7057.	15085.
20	6420.	6420.	1844.	8264.	6760.	13180.
21	6436.	6436.	1658.	8094.	6409.	12845.
22	6378.	6378.	1726.	8104.	6277.	12655.
23	6122.	6122.	1720.	7842.	5387.	11509.
24	5924.	5924.	1738.	7662.	5337.	11261.
25	5707.	5707.	1691.	7398.	4464.	10171.
26	5565.	5565.	1681.	7246.	4598.	10163.
27	5452.	5452.	1679.	7131.	5163.	10615.
28	5275.	5275.	1635.	6910.	4492.	9767.
29	5091.	5091.	1740.	6831.	4712.	9803.
30	4829.	4829.	1566.	6395.	5867.	10696.
31	4680.	4680.	3046.	7726.	10207.	14887.
32	5964.	5964.	10652.	16616.	36374.	42338.
33	6637.	6637.	13233.	19870.	39736.	46373.
34	8055.	8055.	23615.	31670.	42313.	50368.
35	7215.	7215.	26836.	34051.	73976.	81191.
36	7135.	7135.	39172.	46307.	119423.	126558.
37	7491.	7491.	52672.	60163.	125337.	132828.
38	6698.	6819.	43985.	50804.	115462.	122281.
39	5650.	7077.	41853.	48930.	111854.	118931.
40	10142.	8594.	37032.	45626.	101962.	110556.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6577.	6577.	10685.	17262.	25270.	31847.
2	6802.	6802.	8860.	15662.	20067.	26869.
3	6908.	6908.	5915.	12823.	17058.	23966.
4	7188.	7188.	5217.	12405.	17569.	24757.
5	7378.	7378.	5083.	12461.	16389.	23767.
6	7648.	7648.	4241.	11889.	18271.	25919.
7	7950.	7950.	3703.	11653.	15996.	23946.
8	8173.	8173.	3396.	11569.	10510.	18683.
9	8453.	8453.	3215.	11668.	9133.	17586.
10	8743.	8743.	2660.	11403.	5868.	14611.
11	8946.	8946.	2818.	11764.	5157.	14103.
12	8667.	8667.	2886.	11553.	4991.	13658.
13	8229.	8229.	2988.	11217.	5251.	13480.
14	7982.	7982.	2625.	10607.	5446.	13428.
15	8004.	8004.	2790.	10794.	5674.	13678.
16	8171.	8171.	2712.	10883.	5756.	13927.
17	8176.	8176.	2706.	10882.	5693.	13869.
18	8174.	8174.	2467.	10641.	5713.	13887.
19	8222.	8222.	2182.	10404.	6153.	14375.
20	8210.	8210.	1955.	10165.	5387.	13597.
21	8070.	8070.	1957.	10027.	6123.	14193.
22	6422.	6422.	2003.	8425.	5023.	11445.
23	6130.	6130.	2011.	8141.	4791.	10921.
24	5932.	5932.	2001.	7933.	4770.	10702.
25	5715.	5715.	1999.	7714.	4542.	10257.
26	6924.	6924.	2005.	8929.	4615.	11539.
27	6791.	6791.	2020.	8811.	4231.	11022.
28	6569.	6569.	1869.	8438.	3850.	10419.
29	6339.	6339.	2039.	8378.	4621.	10960.
30	6012.	6012.	2144.	8156.	6605.	12617.
31	5868.	5868.	4287.	10155.	11095.	16963.
32	5961.	5961.	7784.	13745.	25132.	31093.
33	6364.	6364.	9352.	15716.	47723.	54087.
34	7291.	7291.	17621.	24912.	53035.	60326.
35	7797.	7797.	32918.	40715.	81114.	88911.
36	7110.	7110.	37504.	44614.	106790.	113900.
37	6100.	7273.	39866.	47139.	97550.	104823.
38	5242.	7468.	42566.	50034.	107938.	115406.
39	3559.	7952.	36005.	43957.	93278.	101230.
40	3582.	7781.	38846.	46627.	81399.	89180.
41	3351.	7880.	41142.	49022.	88287.	96167.
42	22235.	7744.	41939.	49683.	86253.	93997.
43	24581.	22553.	39419.	61972.	76316.	98869.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1958 1	9403.	9403.	11698.	21101.	25051.	34454.
2	8067.	8067.	8985.	17052.	26508.	34575.
3	7076.	7076.	7006.	14082.	17645.	24721.
4	7396.	7396.	7092.	14488.	18661.	26057.
5	7485.	7485.	5908.	13393.	24232.	31717.
6	7719.	7719.	6314.	14033.	25315.	33034.
7	7973.	7973.	5054.	13027.	19239.	27212.
8	8233.	8233.	4301.	12534.	12154.	20387.
9	8569.	8569.	4447.	13016.	14536.	23105.
10	9103.	9103.	4279.	13382.	10585.	19688.
11	9246.	9246.	3812.	13058.	7106.	16352.
12	8919.	8919.	3362.	12281.	5902.	14821.
13	8424.	8424.	3020.	11444.	6638.	15062.
14	8176.	8176.	2702.	10878.	7250.	15426.
15	8153.	8153.	2491.	10644.	7149.	15302.
16	8129.	8129.	2158.	10287.	6595.	14724.
17	8121.	8121.	2128.	10249.	6368.	14489.
18	8099.	8099.	2032.	10131.	6181.	14280.
19	8118.	8118.	1912.	10030.	5684.	13802.
20	8098.	8098.	1831.	9929.	5248.	13346.
21	8078.	8078.	1961.	10039.	5597.	13675.
22	8009.	8009.	2131.	10140.	5658.	13667.
23	7634.	7634.	2248.	9882.	5439.	13073.
24	7408.	7408.	2360.	9768.	6023.	13431.
25	7179.	7179.	2199.	9378.	4613.	11792.
26	7064.	7064.	2044.	9108.	4040.	11104.
27	7003.	7003.	2264.	9267.	4589.	11592.
28	6833.	6833.	2257.	9090.	4636.	11469.
29	6677.	6677.	3049.	9726.	5142.	11819.
30	6513.	6513.	4089.	10602.	5331.	11844.
31	6374.	6374.	8501.	14875.	7111.	13485.
32	6123.	6123.	24395.	30518.	11586.	17709.
33	6358.	6358.	35595.	41953.	31940.	38298.
34	7041.	7041.	44820.	51861.	45057.	52098.
35	6996.	6996.	38649.	45645.	43651.	50647.
36	4532.	8116.	35627.	43743.	48283.	56399.
37	4369.	8116.	45627.	53743.	51192.	59308.
38	3781.	8238.	36605.	44843.	60691.	68929.
39	3403.	8304.	38760.	47064.	77754.	86058.
40	4132.	7248.	36916.	44164.	82537.	89785.
41	4115.	7248.	33846.	41094.	83403.	90651.
42	8654.	7248.	37171.	44419.	74625.	81873.
43	19851.	7280.	41885.	49165.	70300.	77580.
44	36827.	27867.	57408.	85275.	83736.	111603.
45	26997.	26997.	51516.	78513.	84576.	111573.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6332.	6332.	14531.	20863.	24784.	31116.
2	6583.	6583.	12121.	18704.	23595.	30178.
3	6874.	6874.	9588.	16462.	24004.	30878.
4	7074.	7074.	6556.	13630.	23980.	31054.
5	7285.	7285.	4940.	12225.	17489.	24774.
6	7576.	7576.	4651.	12227.	16057.	23633.
7	7871.	7871.	3972.	11843.	11320.	19191.
8	7920.	7920.	3062.	10982.	7950.	15870.
9	8207.	8207.	2781.	10988.	8596.	16803.
10	8626.	8626.	2174.	10800.	6338.	14964.
11	8858.	8858.	1987.	10845.	6206.	15064.
12	8749.	8749.	2521.	11270.	6263.	15012.
13	8311.	8311.	2444.	10755.	6914.	15225.
14	8020.	8020.	2336.	10356.	5836.	13856.
15	8036.	8036.	2344.	10380.	6061.	14097.
16	8040.	8040.	2169.	10209.	6082.	14122.
17	8048.	8048.	2222.	10270.	6293.	14341.
18	8060.	8060.	2182.	10242.	6119.	14179.
19	8137.	8137.	2077.	10214.	5865.	14002.
20	6520.	6520.	1768.	8288.	5303.	11823.
21	6511.	6511.	1738.	8249.	4873.	11384.
22	6438.	6438.	1696.	8134.	4179.	10617.
23	6144.	6144.	1611.	7755.	4229.	10373.
24	5946.	5946.	1680.	7626.	4294.	10240.
25	5729.	5729.	1827.	7556.	4583.	10312.
26	5587.	5587.	1877.	7464.	4558.	10145.
27	5488.	5488.	1967.	7455.	4809.	10297.
28	5311.	5311.	2077.	7388.	4605.	9916.
29	5197.	5197.	2702.	7899.	5040.	10237.
30	4947.	4947.	3646.	8593.	6371.	11318.
31	4928.	4928.	5002.	9930.	8368.	13296.
32	5084.	5084.	9225.	14309.	19700.	24784.
33	7824.	7824.	26196.	34020.	45346.	53170.
34	8453.	8453.	25436.	33889.	56017.	64470.
35	7882.	7882.	24946.	32828.	57615.	65497.
36	6968.	6968.	26435.	33403.	78289.	85257.
37	5286.	7379.	21815.	29194.	63821.	71200.
38	5945.	7068.	29921.	36989.	79456.	86524.
39	6283.	6840.	40120.	46960.	101843.	108683.
40	4947.	7245.	35979.	43224.	95066.	102311.
41	4712.	7316.	36255.	43571.	100213.	107529.
42	5067.	7175.	39854.	47029.	103701.	110876.
43	15626.	7559.	36198.	43757.	84014.	91573.
44	21943.	19225.	37105.	56330.	79136.	98361.
45	17188.	17188.	34046.	51234.	83159.	100347.
46	22064.	22064.	42749.	64813.	55775.	77839.
47	38430.	38430.	70243.	108673.	57296.	95726.
48	38000.	38000.	47873.	85873.	46387.	84387.
49	29924.	29924.	31387.	61311.	32887.	62811.
50	13349.	13349.	21111.	34460.	24989.	38338.
51	10026.	10026.	13966.	23992.	25613.	35639.
52	9459.	9459.	10688.	20147.	15424.	24883.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6913.	6913.	9948.	16861.	23079.	29992.
3	6758.	6758.	6155.	12913.	19023.	25781.
4	7135.	7135.	6554.	13689.	15674.	22809.
5	7325.	7325.	5410.	12735.	14813.	22138.
6	7605.	7605.	4375.	11980.	17118.	24723.
7	7908.	7908.	4025.	11933.	11204.	19112.
8	8089.	8089.	3709.	11798.	9214.	17303.
9	8377.	8377.	3671.	12048.	10180.	18557.
10	8777.	8777.	3046.	11823.	6560.	15337.
11	8990.	8990.	3043.	12033.	7895.	16885.
12	8764.	8764.	2889.	11653.	7134.	15898.
13	8326.	8326.	2852.	11178.	6990.	15316.
14	8083.	8083.	2335.	10418.	7509.	15592.
15	8106.	8106.	2573.	10679.	6871.	14977.
16	8200.	8200.	2384.	10584.	6481.	14681.
17	8199.	8199.	2260.	10459.	6439.	14638.
18	8195.	8195.	2124.	10319.	6567.	14762.
19	8222.	8222.	2005.	10227.	6539.	14761.
20	8208.	8208.	1926.	10134.	6752.	14960.
21	8056.	8056.	1733.	9789.	7337.	15393.
22	6423.	6423.	1700.	8123.	7771.	14194.
23	6126.	6126.	1721.	7847.	7789.	13915.
24	5920.	5920.	1619.	7539.	6813.	12733.
25	5684.	5684.	1528.	7212.	6615.	12299.
26	6893.	6893.	1531.	8424.	6875.	13768.
27	6750.	6750.	1703.	8453.	6483.	13233.
28	6528.	6528.	1700.	8228.	5949.	12477.
29	6327.	6327.	1998.	8325.	6991.	13318.
30	6007.	6007.	2088.	8095.	8841.	14848.
31	5964.	5964.	4489.	10453.	27919.	33883.
32	5888.	5888.	9290.	15178.	60480.	66368.
33	6507.	6507.	15898.	22405.	67503.	74010.
34	6398.	6398.	29236.	36134.	60894.	67792.
35	6817.	6817.	34787.	41604.	71052.	77869.
36	3804.	7771.	21971.	29742.	83513.	91284.
37	3804.	7724.	23970.	31694.	73131.	80855.
38	3815.	7679.	27610.	35289.	86823.	94502.
39	3951.	7548.	31277.	38825.	100151.	107699.
40	3518.	8227.	35003.	43230.	104947.	113174.
41	3245.	8426.	29448.	37874.	102756.	111182.
42	8341.	8341.	31267.	39608.	105033.	113374.
43	8097.	8097.	41139.	49236.	144889.	152986.
44	14456.	7011.	47422.	54433.	168946.	175957.
45	23404.	6975.	45457.	52432.	153315.	160290.
46	20681.	19318.	37971.	57289.	168334.	187652.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1961 1	11591.	11591.	15686.	27277.	40114.	51705.
2	8418.	8418.	10961.	19379.	29307.	37725.
3	6931.	6931.	8366.	15297.	24774.	31705.
4	7119.	7119.	6193.	13312.	18165.	25284.
5	7325.	7325.	4454.	11779.	9405.	16730.
6	7615.	7615.	4213.	11828.	12556.	20171.
7	7909.	7909.	3976.	11885.	10699.	18608.
8	8203.	8203.	3362.	11565.	10374.	18577.
9	8407.	8407.	3359.	11766.	10998.	19405.
10	8946.	8946.	3543.	12489.	9078.	18024.
11	9149.	9149.	3434.	12583.	8566.	17715.
12	8863.	8863.	3119.	11982.	7210.	16073.
13	8425.	8425.	3212.	11637.	7009.	15434.
14	8244.	8244.	2913.	11157.	7646.	15890.
15	8242.	8242.	2683.	10925.	6210.	14452.
16	8245.	8245.	2756.	11001.	6459.	14704.
17	8247.	8247.	2778.	11025.	6522.	14769.
18	8215.	8215.	2492.	10707.	6888.	15103.
19	8212.	8212.	2121.	10333.	7478.	15690.
20	8198.	8198.	2080.	10278.	8013.	16211.
21	8179.	8179.	2076.	10255.	8384.	16563.
22	8063.	8063.	2023.	10086.	7783.	15846.
23	7707.	7707.	1825.	9532.	6903.	14610.
24	7488.	7488.	1901.	9389.	6262.	13750.
25	7290.	7290.	2110.	9400.	6294.	13584.
26	7112.	7112.	2009.	9121.	5947.	13059.
27	7147.	7147.	2727.	9874.	6910.	14057.
28	6966.	6966.	2859.	9825.	6150.	13116.
29	6795.	6795.	3050.	9845.	6466.	13261.
30	6615.	6615.	3336.	9951.	7993.	14608.
31	6540.	6540.	4943.	11483.	21593.	28133.
32	6730.	6730.	11849.	18579.	52716.	59446.
33	7114.	7114.	18770.	25884.	63135.	70249.
34	6924.	6924.	18536.	25460.	60707.	67631.
35	6765.	6765.	20159.	26924.	63497.	70262.
36	5727.	7354.	21000.	28354.	79940.	87294.
37	8195.	6569.	35619.	42188.	87432.	94001.
38	7641.	7641.	40856.	48497.	86766.	94407.
39	7100.	7100.	38788.	45888.	98870.	105970.
40	4670.	7299.	36583.	43882.	91708.	99007.
41	11507.	8878.	34338.	43216.	100412.	109290.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	9801.	9801.	16186.	25987.	54917.	64718.
2	6504.	6504.	8756.	15260.	36552.	43056.
3	6814.	6814.	7880.	14694.	27535.	34349.
4	7125.	7125.	7048.	14173.	29493.	36618.
5	7271.	7271.	5690.	12961.	21502.	28773.
6	7544.	7544.	4894.	12438.	19527.	27071.
7	7858.	7858.	4354.	12212.	16182.	24040.
8	7980.	7980.	3853.	11833.	13824.	21804.
9	8271.	8271.	3553.	11824.	14307.	22578.
10	8656.	8656.	2909.	11565.	10256.	18912.
11	8869.	8869.	2876.	11745.	8574.	17443.
12	8643.	8643.	2857.	11500.	7097.	15740.
13	8205.	8205.	2850.	11055.	7377.	15582.
14	7959.	7959.	2456.	10415.	7374.	15333.
15	7983.	7983.	2340.	10323.	6590.	14573.
16	7997.	7997.	2344.	10341.	6772.	14769.
17	8010.	8010.	2357.	10367.	6669.	14679.
18	8167.	8167.	2124.	10291.	6659.	14826.
19	8205.	8205.	1900.	10105.	7045.	15250.
20	8003.	8003.	1831.	9834.	6976.	14979.
21	8022.	8022.	1835.	9857.	6347.	14369.
22	6390.	6390.	1725.	8115.	6052.	12442.
23	6104.	6104.	1676.	7780.	5693.	11797.
24	5906.	5906.	1623.	7529.	5556.	11462.
25	5689.	5689.	1582.	7271.	5403.	11092.
26	6898.	6898.	1602.	8500.	6200.	13098.
27	7067.	7067.	1807.	8874.	5982.	13049.
28	6890.	6890.	1864.	8754.	6381.	13271.
29	6353.	6353.	2336.	8689.	7837.	14190.
30	6026.	6026.	2462.	8488.	8483.	14509.
31	5548.	5548.	4144.	9692.	17149.	22697.
32	5267.	5267.	5055.	10322.	16770.	22037.
33	5530.	5530.	10673.	16203.	41563.	47093.
34	5630.	5630.	20123.	25753.	52819.	58449.
35	5853.	5853.	30226.	36079.	58241.	64094.
36	6078.	7590.	25722.	33312.	66920.	74510.
37	9000.	7488.	44897.	52385.	71565.	79053.
38	7593.	7593.	45008.	52601.	77956.	85549.
39	22612.	22612.	41186.	63798.	97517.	120129.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1963 1	8737.	8737.	9805.	18542.	22441.	31178.
2	6653.	6653.	6971.	13624.	17695.	24348.
3	6821.	6821.	5497.	12318.	16720.	23541.
4	7095.	7095.	4525.	11620.	17984.	25079.
5	7194.	7194.	3511.	10705.	10997.	18191.
6	7475.	7475.	3193.	10668.	12243.	19718.
7	7787.	7787.	2986.	10773.	7545.	15332.
8	8103.	8103.	2770.	10873.	6248.	14351.
9	8184.	8184.	2876.	11060.	6365.	14549.
10	8626.	8626.	2863.	11489.	6851.	15477.
11	8839.	8839.	2777.	11616.	7606.	16445.
12	8613.	8613.	2949.	11562.	8036.	16649.
13	8175.	8175.	2772.	10947.	7989.	16164.
14	8136.	8136.	2641.	10777.	7625.	15761.
15	8138.	8138.	2528.	10666.	6935.	15073.
16	8140.	8140.	2480.	10620.	6772.	14912.
17	8145.	8145.	2426.	10571.	6506.	14651.
18	8144.	8144.	2162.	10306.	5886.	14030.
19	8204.	8204.	1982.	10186.	5842.	14046.
20	8191.	8191.	1969.	10160.	5762.	13953.
21	8078.	8078.	1949.	10027.	5325.	13403.
22	6411.	6411.	1767.	8178.	5688.	12099.
23	6025.	6025.	1425.	7450.	5469.	11494.
24	5827.	5827.	1386.	7213.	5468.	11295.
25	6997.	6997.	1239.	8236.	5220.	12217.
26	6819.	6819.	1303.	8122.	5022.	11841.
27	7013.	7013.	1309.	8322.	5106.	12119.
28	6445.	6445.	1313.	7758.	4467.	10912.
29	6215.	6215.	1363.	7578.	4323.	10538.
30	5888.	5888.	1337.	7225.	4946.	10834.
31	5644.	5644.	2702.	8346.	5654.	11298.
32	5439.	5439.	3328.	8767.	17263.	22702.
33	6995.	6995.	15823.	22818.	49613.	56608.
34	7439.	7439.	26322.	33761.	49753.	57192.
35	7533.	7533.	39808.	47341.	70209.	77742.
36	6865.	6865.	28338.	35203.	85708.	92573.
37	6740.	6740.	26937.	33677.	62599.	69339.
38	6622.	6622.	28326.	34948.	82829.	89451.
39	6484.	6484.	35259.	41743.	92720.	99204.
40	5655.	6765.	45054.	51819.	100214.	106979.
41	25162.	24052.	56750.	80802.	121932.	145984.
42	35407.	35407.	58149.	93556.	146562.	181969.
43	30234.	30234.	41518.	71752.	98959.	129193.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1964 1	8327.	8327.	14296.	22623.	37135.	45462.
2	7011.	7011.	12728.	19739.	28494.	35505.
3	6855.	6855.	10373.	17228.	24206.	31061.
4	7075.	7075.	6571.	13646.	16237.	23312.
5	7263.	7263.	5297.	12560.	13426.	20689.
6	7559.	7559.	4543.	12102.	11600.	19159.
7	7855.	7855.	3653.	11508.	9761.	17616.
8	7956.	7956.	2595.	10551.	6061.	14017.
9	8253.	8253.	2467.	10720.	5769.	14022.
10	8656.	8656.	1949.	10605.	4950.	13606.
11	8863.	8863.	1926.	10789.	4959.	13822.
12	8592.	8592.	1826.	10418.	5093.	13685.
13	8154.	8154.	1826.	9980.	5951.	14105.
14	7901.	7901.	1889.	9790.	6732.	14633.
15	7926.	7926.	1905.	9831.	7164.	15090.
16	7932.	7932.	1740.	9672.	7227.	15159.
17	7940.	7940.	1654.	9594.	7383.	15323.
18	7953.	7953.	1562.	9515.	6457.	14410.
19	8010.	8010.	1477.	9487.	6073.	14083.
20	7968.	7968.	1465.	9433.	6122.	14090.
21	6410.	6410.	1435.	7845.	5795.	12205.
22	6344.	6344.	1377.	7721.	5549.	11893.
23	6057.	6057.	1301.	7358.	5003.	11060.
24	5855.	5855.	1311.	7166.	4488.	10343.
25	5629.	5629.	1293.	6922.	4588.	10217.
26	5487.	5487.	1297.	6784.	4318.	9805.
27	5409.	5409.	1447.	6856.	4438.	9847.
28	5232.	5232.	1700.	6932.	4406.	9638.
29	5055.	5055.	1837.	6892.	4397.	9452.
30	4794.	4794.	2000.	6794.	5359.	10153.
31	4324.	4324.	2545.	6869.	5644.	9958.
32	4075.	4075.	3334.	7409.	14130.	18205.
33	3931.	5409.	4456.	9865.	29321.	34730.
34	3194.	4691.	8976.	13667.	42761.	47452.
35	5496.	2522.	42925.	45447.	48349.	50871.
36	8782.	8782.	84908.	93690.	63454.	72236.
37	6331.	8624.	70167.	78791.	62001.	70625.
38	5264.	8687.	65849.	74536.	87757.	96444.
39	22628.	16912.	59688.	76600.	105988.	122900.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1965 1	7044.	7044.	10866.	17910.	20894.	27938.
2	7883.	7883.	15027.	22910.	31330.	39213.
3	6917.	6917.	8130.	15047.	23396.	30313.
4	7140.	7140.	6769.	13909.	21264.	28404.
5	7238.	7238.	5425.	12663.	13802.	21040.
6	7535.	7535.	5094.	12629.	12768.	20303.
7	7846.	7846.	4951.	12797.	9437.	17283.
8	8016.	8016.	4873.	12889.	8906.	16922.
9	8215.	8215.	4427.	12642.	10364.	18579.
10	8534.	8534.	3454.	11988.	8260.	16794.
11	8737.	8737.	3438.	12175.	8225.	16962.
12	8503.	8503.	3426.	11929.	7834.	16337.
13	8065.	8065.	3426.	11491.	7594.	15659.
14	7830.	7830.	2599.	10429.	7026.	14856.
15	7856.	7856.	2463.	10319.	6781.	14637.
16	7870.	7870.	2463.	10333.	6701.	14571.
17	7883.	7883.	2463.	10346.	6044.	13927.
18	7894.	7894.	2333.	10227.	5468.	13362.
19	7942.	7942.	2158.	10100.	5887.	13829.
20	7904.	7904.	2158.	10062.	5884.	13788.
21	6350.	6350.	2158.	8508.	5648.	11998.
22	6294.	6294.	2075.	8369.	5231.	11525.
23	6023.	6023.	1963.	7986.	5147.	11170.
24	5825.	5825.	1963.	7788.	5091.	10916.
25	5608.	5608.	1963.	7571.	5270.	10878.
26	5466.	5466.	1963.	7429.	5312.	10778.
27	5388.	5388.	2152.	7540.	5377.	10765.
28	5211.	5211.	2152.	7363.	5303.	10514.
29	5044.	5044.	2181.	7225.	6302.	11346.
30	5959.	5959.	2185.	8144.	7278.	13237.
31	5519.	5519.	3394.	8913.	19590.	25109.
32	5538.	5538.	4205.	9743.	23586.	29124.
33	5728.	5728.	11132.	16860.	55210.	60938.
34	6239.	6239.	18133.	24372.	61203.	67442.
35	7081.	7081.	30063.	37144.	74627.	81708.
36	5305.	7543.	28331.	35874.	96869.	104412.
37	5386.	7445.	31885.	39330.	73751.	81196.
38	4985.	7513.	38724.	46237.	90806.	98319.
39	6759.	6812.	38519.	45331.	113948.	120760.
40	5384.	7101.	35399.	42500.	113373.	120474.
41	5351.	7084.	44606.	51690.	132272.	139356.
42	23051.	12723.	42289.	55012.	129559.	142282.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1966 1	13634.	13634.	19553.	33187.	44336.	57970.
2	7579.	7579.	15815.	23394.	33302.	40881.
3	6824.	6824.	8185.	15009.	36392.	43216.
4	7083.	7083.	6265.	13348.	38358.	45441.
5	7317.	7317.	4784.	12101.	29303.	36620.
6	7594.	7594.	3749.	11343.	20925.	28519.
7	7892.	7892.	3414.	11306.	17455.	25347.
8	8018.	8018.	3165.	11183.	15510.	23528.
9	8312.	8312.	2912.	11224.	12306.	20618.
10	8727.	8727.	2596.	11323.	9098.	17825.
11	8931.	8931.	2533.	11464.	6687.	15618.
12	8693.	8693.	2470.	11163.	7538.	16231.
13	8246.	8246.	2406.	10652.	6787.	15033.
14	7990.	7990.	2221.	10211.	6502.	14492.
15	8013.	8013.	2172.	10185.	6769.	14782.
16	8027.	8027.	2140.	10167.	6690.	14717.
17	8040.	8040.	2107.	10147.	6932.	14972.
18	8048.	8048.	2020.	10068.	6760.	14808.
19	8086.	8086.	1902.	9988.	6949.	15035.
20	6478.	6478.	1846.	8324.	6473.	12951.
21	6494.	6494.	1795.	8289.	6775.	13269.
22	6439.	6439.	1742.	8181.	5472.	11911.
23	6164.	6164.	1707.	7871.	5389.	11553.
24	5966.	5966.	1698.	7664.	5081.	11047.
25	5749.	5749.	1698.	7447.	5307.	11056.
26	5607.	5607.	1701.	7308.	5500.	11107.
27	5549.	5549.	1991.	7540.	4744.	10293.
28	5372.	5372.	1991.	7363.	5178.	10550.
29	5261.	5261.	2079.	7340.	4989.	10250.
30	5010.	5010.	2129.	7139.	4568.	9578.
31	5826.	5826.	2947.	8773.	2972.	8798.
32	5657.	5657.	3824.	9481.	7638.	13295.
33	6011.	6011.	7186.	13197.	31675.	37686.
34	6861.	6861.	10726.	17587.	46416.	53277.
35	7270.	7270.	15948.	23218.	36244.	43514.
36	8251.	8251.	48719.	56970.	65780.	74031.
37	7340.	7340.	41850.	49190.	79246.	86586.
38	6897.	6897.	38188.	45085.	74404.	81301.
39	5656.	7176.	34468.	41644.	90747.	97923.
40	3536.	7747.	28470.	36217.	79147.	86894.
41	3416.	7807.	34497.	42304.	95882.	103689.
42	3633.	7751.	37655.	45406.	98082.	105833.
43	14675.	7586.	43153.	50739.	119647.	127233.
44	26089.	18936.	50464.	69400.	106472.	125408.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6487.	6487.	12739.	19226.	60922.	67409.
2	6496.	6496.	9096.	15592.	45118.	51614.
3	6733.	6733.	6670.	13403.	28486.	35219.
4	6978.	6978.	4331.	11309.	20411.	27389.
5	7250.	7250.	3336.	10586.	12446.	19696.
6	7563.	7563.	2978.	10541.	7709.	15272.
7	7651.	7651.	2845.	10496.	7770.	15421.
8	7963.	7963.	2741.	10704.	9010.	16973.
9	8266.	8266.	2646.	10912.	6848.	15114.
10	8680.	8680.	2568.	11248.	5216.	13896.
11	8893.	8893.	2523.	11416.	5580.	14473.
12	8667.	8667.	2502.	11169.	4566.	13233.
13	8229.	8229.	2464.	10693.	4594.	12823.
14	8024.	8024.	2456.	10480.	4124.	12148.
15	8051.	8051.	2411.	10462.	4707.	12758.
16	8065.	8065.	2366.	10431.	5276.	13341.
17	8078.	8078.	2256.	10334.	5435.	13513.
18	8083.	8083.	2219.	10302.	5637.	13720.
19	6547.	6547.	2115.	8662.	5771.	12318.
20	6516.	6516.	2055.	8571.	5528.	12044.
21	6532.	6532.	1945.	8477.	5213.	11745.
22	6461.	6461.	1928.	8389.	4802.	11263.
23	6158.	6158.	1814.	7972.	4705.	10863.
24	5960.	5960.	1720.	7680.	5064.	11024.
25	5743.	5743.	1669.	7412.	4628.	10371.
26	5601.	5601.	1637.	7238.	4672.	10273.
27	5515.	5515.	1567.	7082.	4900.	10415.
28	5338.	5338.	1539.	6877.	4504.	9842.
29	5161.	5161.	1543.	6704.	3800.	8961.
30	4928.	4928.	1728.	6656.	3861.	8789.
31	4473.	4473.	2976.	7449.	2216.	6689.
32	4597.	4597.	8525.	13122.	5527.	10124.
33	5924.	5924.	21473.	27397.	17348.	23272.
34	6560.	6560.	26758.	33318.	25225.	31785.
35	6786.	6786.	31001.	37787.	18958.	25744.
36	5756.	7347.	28637.	35984.	39031.	46378.
37	6952.	6834.	37141.	43975.	31775.	38609.
38	5619.	7195.	42195.	49390.	51362.	58557.
39	5245.	7234.	50066.	57300.	69735.	76969.
40	4078.	7519.	45164.	52683.	73261.	80780.
41	6265.	7524.	42009.	49533.	86375.	93899.
42	27805.	18067.	68333.	86400.	91938.	110005.
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	38000.	38000.	54247.	92247.	81454.	119454.
48	23110.	23110.	33859.	56969.	71758.	94868.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1968 1	6430.	6430.	8756.	15186.	37429.	43859.
2	6502.	6502.	7002.	13504.	40837.	47339.
3	6742.	6742.	5576.	12318.	27383.	34125.
4	6997.	6997.	4328.	11325.	20317.	27314.
5	7257.	7257.	3717.	10974.	16343.	23600.
6	7551.	7551.	3437.	10988.	13742.	21293.
7	7861.	7861.	3260.	11121.	8678.	16539.
8	7961.	7961.	3076.	11037.	11254.	19215.
9	8263.	8263.	2900.	11163.	10790.	19053.
10	8667.	8667.	2824.	11491.	8880.	17547.
11	8880.	8880.	2684.	11564.	7254.	16134.
12	8644.	8644.	2626.	11270.	6664.	15308.
13	8205.	8205.	2494.	10699.	6122.	14327.
14	8002.	8002.	2471.	10473.	6804.	14806.
15	8029.	8029.	2413.	10442.	6781.	14810.
16	8043.	8043.	2314.	10357.	6831.	14874.
17	8052.	8052.	2287.	10339.	7022.	15074.
18	8059.	8059.	2259.	10318.	6805.	14864.
19	8104.	8104.	2244.	10348.	7329.	15433.
20	8066.	8066.	2233.	10299.	7206.	15272.
21	8085.	8085.	2212.	10297.	6508.	14593.
22	6456.	6456.	2212.	8668.	6337.	12793.
23	6181.	6181.	2197.	8378.	5883.	12064.
24	5983.	5983.	2161.	8144.	5371.	11354.
25	5766.	5766.	2088.	7854.	5817.	11583.
26	6975.	6975.	2088.	9063.	6167.	13142.
27	7077.	7077.	2172.	9249.	5469.	12546.
28	6896.	6896.	2256.	9152.	6284.	13180.
29	6716.	6716.	2548.	9264.	8592.	15308.
30	6543.	6543.	3087.	9630.	15966.	22509.
31	6295.	6295.	4316.	10611.	41471.	47766.
32	5385.	5385.	7241.	12626.	82844.	88229.
33	6529.	6529.	17720.	24249.	72606.	79135.
34	7627.	7627.	39566.	47193.	66876.	74503.
35	7160.	7160.	40793.	47953.	102899.	110059.
36	6346.	7164.	40264.	47428.	112988.	120152.
37	7650.	6831.	58098.	64929.	137437.	144268.
38	7082.	7082.	53883.	60965.	109990.	117072.
39	5550.	7114.	42023.	49137.	98392.	105506.
40	6988.	7394.	48037.	55431.	110723.	118117.
41	25325.	23355.	49574.	72929.	122031.	145386.
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	5896.	5896.	8092.	13988.	20980.	26876.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1969 1	6172.	6172.	6587.	12759.	13795.	19967.
2	6442.	6442.	5668.	12110.	9831.	16273.
3	6699.	6699.	4485.	11184.	10039.	16738.
4	6998.	6998.	4109.	11107.	7451.	14449.
5	7258.	7258.	3330.	10588.	6353.	13611.
6	7550.	7550.	2779.	10329.	6001.	13551.
7	7560.	7560.	2488.	10048.	6723.	14283.
8	7851.	7851.	2308.	10159.	7481.	15332.
9	8133.	8133.	2115.	10248.	6940.	15073.
10	8525.	8525.	1947.	10472.	5827.	14352.
11	8733.	8733.	1868.	10601.	4938.	13671.
12	8502.	8502.	1784.	10286.	4726.	13228.
13	8061.	8061.	1712.	9773.	5679.	13740.
14	7840.	7840.	1614.	9454.	6938.	14778.
15	7865.	7865.	1585.	9450.	6882.	14747.
16	7873.	7873.	1519.	9392.	6729.	14602.
17	7886.	7886.	1498.	9384.	6602.	14488.
18	6333.	6333.	1467.	7800.	6529.	12862.
19	6382.	6382.	1428.	7810.	6080.	12462.
20	6352.	6352.	1409.	7761.	5690.	12042.
21	6371.	6371.	1401.	7772.	5794.	12165.
22	6315.	6315.	1370.	7685.	5660.	11975.
23	6042.	6042.	1342.	7384.	5428.	11470.
24	5846.	5846.	1329.	7175.	5101.	10947.
25	5634.	5634.	1296.	6930.	5269.	10903.
26	5495.	5495.	1299.	6794.	4916.	10411.
27	5422.	5422.	1398.	6820.	4723.	10145.
28	5263.	5263.	1532.	6795.	4522.	9785.
29	5114.	5114.	1982.	7096.	6550.	11664.
30	4916.	4916.	2957.	7873.	10450.	15366.
31	4599.	4599.	4317.	8916.	25421.	30020.
32	4603.	4603.	6736.	11339.	74502.	79105.
33	4986.	5458.	9129.	14587.	79118.	84576.
34	5656.	5184.	19233.	24417.	77500.	82684.
35	4495.	5377.	14907.	20284.	107019.	112396.
36	3826.	7512.	15988.	23500.	98897.	106409.
37	4000.	7378.	25314.	32692.	99418.	106796.
38	4107.	7320.	32238.	39558.	112116.	119436.
39	3725.	7381.	32562.	39943.	109691.	117072.
40	2544.	7796.	31701.	39497.	104625.	112421.
41	2856.	7743.	33668.	41411.	108363.	116106.
42	7449.	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	6026.	5715.	8545.	14260.	31999.	37714.
52	5987.	5760.	7187.	12947.	26554.	32314.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1970 1	6097.	5673.	8127.	13800.	23989.	29662.
2	5106.	5692.	7947.	13639.	35842.	41534.
3	5263.	4730.	6495.	11225.	29721.	34451.
4	5330.	3818.	4747.	8565.	13991.	17809.
5	5547.	2901.	4175.	7076.	13451.	16352.
6	5843.	2920.	3246.	6166.	8792.	11712.
7	6033.	2936.	2679.	5615.	8042.	10978.
8	4958.	2943.	2432.	5375.	6694.	9637.
9	5147.	2947.	2204.	5151.	6936.	9883.
10	5421.	1940.	2099.	4039.	4894.	6834.
11	5550.	1942.	2051.	3993.	4931.	6873.
12	5407.	2592.	2036.	4628.	4667.	7259.
13	5131.	5131.	1999.	7130.	4629.	9760.
14	5017.	5017.	1915.	6932.	5508.	10525.
15	5035.	5035.	1855.	6890.	5935.	10970.
16	5039.	5039.	1851.	6890.	6219.	11258.
17	5045.	5045.	1844.	6889.	5944.	10989.
18	5053.	5053.	1829.	6882.	6145.	11198.
19	5079.	5079.	1811.	6890.	6295.	11374.
20	5048.	5048.	1769.	6817.	5886.	10934.
21	5060.	5060.	1684.	6744.	5798.	10858.
22	5017.	5017.	1675.	6692.	5789.	10806.
23	4788.	4788.	1670.	6458.	5630.	10418.
24	4634.	4634.	1671.	6305.	5352.	9986.
25	4468.	4468.	1674.	6142.	5264.	9732.
26	4356.	4356.	1674.	6030.	5127.	9483.
27	4234.	4234.	1690.	5924.	5310.	9544.
28	4099.	4099.	1826.	5925.	5355.	9454.
29	3959.	3959.	2103.	6062.	6024.	9983.
30	3765.	3765.	2630.	6395.	7931.	11696.
31	3552.	3552.	3787.	7339.	21764.	25316.
32	3627.	3769.	8008.	11777.	38239.	42008.
33	4717.	5182.	16172.	21354.	63492.	68674.
34	5160.	5261.	20681.	25942.	76558.	81819.
35	5183.	5017.	25803.	30820.	93606.	98623.
36	5555.	6534.	23602.	30136.	99139.	105673.
37	5423.	6586.	36280.	42866.	93089.	99675.
38	5306.	6662.	28361.	35023.	101305.	107967.
39	6954.	5745.	36687.	42432.	113448.	119193.
40	6541.	6047.	37916.	43963.	126047.	132094.
41	5521.	6362.	36968.	43330.	114216.	120578.
42	5730.	6245.	41710.	47955.	118047.	124292.
43	5480.	6321.	40751.	47072.	128448.	134769.
44	6389.	6330.	47718.	54048.	123002.	129332.
45	7567.	6784.	42069.	48853.	103078.	109862.
46	16732.	13039.	31501.	44540.	102140.	115179.
47	18910.	18910.	36900.	55810.	90773.	109683.
48	13021.	13021.	27117.	40138.	72743.	85764.
49	10994.	10994.	25042.	36036.	62963.	73957.
50	8748.	8748.	23017.	31765.	52478.	61226.
51	8910.	8910.	17537.	26447.	45467.	54377.
52	5925.	5925.	10081.	16006.	29195.	35120.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6508.	6508.	9897.	16405.	18665.	25173.
2	6709.	6709.	8369.	15078.	15869.	22578.
3	6923.	6923.	7005.	13928.	15003.	21926.
4	7174.	7174.	5903.	13077.	13419.	20593.
5	7435.	7435.	5654.	13089.	12105.	19540.
6	7728.	7728.	5220.	12948.	10239.	17967.
7	8011.	8011.	4247.	12258.	10245.	18255.
8	8235.	8235.	3782.	12017.	8272.	16507.
9	8490.	8490.	3408.	11898.	8119.	16609.
10	8873.	8873.	3129.	12002.	6799.	15672.
11	9056.	9056.	2945.	12001.	6512.	15568.
12	8797.	8797.	2814.	11611.	6699.	15496.
13	8320.	8320.	2622.	10942.	6236.	14556.
14	8036.	8036.	2384.	10420.	6456.	14492.
15	8035.	8035.	2197.	10232.	6814.	14849.
16	8026.	8026.	1981.	10007.	7068.	15094.
17	8011.	8011.	1792.	9803.	6768.	14779.
18	8014.	8014.	1666.	9680.	6252.	14266.
19	8064.	8064.	1620.	9684.	5858.	13922.
20	8010.	8010.	1590.	9600.	5154.	13164.
21	6456.	6456.	1566.	8022.	4925.	11381.
22	6397.	6397.	1519.	7916.	5140.	11537.
23	6111.	6111.	1513.	7624.	4704.	10815.
24	5913.	5913.	1499.	7412.	4375.	10288.
25	5696.	5696.	1461.	7157.	4273.	9969.
26	5554.	5554.	1515.	7069.	4000.	9554.
27	5476.	5476.	1558.	7034.	4330.	9806.
28	5305.	5305.	1583.	6888.	4621.	9926.
29	5134.	5134.	1687.	6821.	4364.	9498.
30	4892.	4892.	1792.	6684.	5134.	10026.
31	5536.	5536.	2269.	7805.	5629.	11165.
32	5275.	5275.	3750.	9025.	14384.	19659.
33	5195.	5706.	5993.	11699.	35940.	41646.
34	4357.	5481.	9837.	15318.	59314.	64795.
35	4561.	5147.	16019.	21166.	65416.	70563.
36	5271.	7753.	29662.	37415.	84208.	91961.
37	7869.	6426.	49503.	55929.	72695.	79121.
38	5542.	7437.	43019.	50456.	91962.	99399.
39	7068.	6842.	68296.	75138.	144706.	151548.
40	3280.	7718.	44680.	52398.	138209.	145927.
41	3378.	7696.	49974.	57670.	137867.	145563.
42	9435.	7497.	48011.	55508.	121774.	129271.
43	17694.	8023.	31239.	39262.	85201.	93224.
44	23161.	21085.	35772.	56857.	82063.	103148.
45	38000.	38000.	68287.	106287.	104284.	142284.
46	37994.	37994.	50129.	88123.	93227.	131221.
47	29036.	29036.	33318.	62354.	73418.	102454.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1972 1	7354.	7354.	9632.	16986.	22356.	29710.
2	6590.	6590.	12710.	19300.	27406.	33996.
3	6727.	6727.	8375.	15102.	17150.	23877.
4	6995.	6995.	6141.	13136.	13705.	20700.
5	7265.	7265.	5092.	12357.	9197.	16462.
6	7559.	7559.	4358.	11917.	9250.	16809.
7	7861.	7861.	3840.	11701.	7602.	15463.
8	8169.	8169.	3409.	11578.	5931.	14100.
9	8308.	8308.	3062.	11370.	6016.	14324.
10	8811.	8811.	2869.	11680.	5206.	14017.
11	9024.	9024.	2684.	11708.	4690.	13714.
12	8770.	8770.	2536.	11306.	6157.	14927.
13	8332.	8332.	2410.	10742.	6060.	14392.
14	8225.	8225.	2374.	10599.	6242.	14467.
15	8211.	8211.	2290.	10501.	7465.	15676.
16	8210.	8210.	2268.	10478.	6378.	14588.
17	8211.	8211.	2135.	10346.	6445.	14656.
18	8207.	8207.	2136.	10343.	5971.	14178.
19	8249.	8249.	2096.	10345.	6686.	14935.
20	8226.	8226.	1982.	10208.	5787.	14013.
21	8210.	8210.	1915.	10125.	5480.	13690.
22	8125.	8125.	1859.	9984.	4669.	12794.
23	7754.	7754.	1776.	9530.	4660.	12414.
24	7493.	7493.	1710.	9203.	4106.	11599.
25	7222.	7222.	1628.	8850.	4390.	11612.
26	7165.	7165.	1594.	8759.	4907.	12072.
27	7093.	7093.	1611.	8704.	5292.	12385.
28	6916.	6916.	1602.	8518.	5215.	12131.
29	6732.	6732.	1661.	8393.	5414.	12146.
30	6117.	6117.	1884.	8001.	5069.	11186.
31	5882.	5882.	3944.	9826.	11537.	17419.
32	7347.	7347.	14138.	21485.	30514.	37861.
33	7208.	7208.	13781.	20989.	36379.	43587.
34	7594.	7594.	20112.	27706.	45141.	52735.
35	8668.	8668.	38329.	46997.	72408.	81076.
36	5388.	7861.	25917.	33778.	89816.	97677.
37	8695.	6980.	35704.	42684.	75507.	82487.
38	7377.	7231.	39970.	47201.	82547.	89778.
39	11808.	11196.	33220.	44416.	97132.	108328.
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	5794.	5794.	12413.	18206.	30569.	36363.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6049.	6049.	10481.	16530.	16875.	22924.
2	6344.	6344.	7757.	14101.	10386.	16730.
3	6706.	6706.	10554.	17260.	30013.	36719.
4	6962.	6962.	7656.	14618.	24522.	31484.
5	7212.	7212.	5352.	12564.	22472.	29684.
6	7508.	7508.	4383.	11891.	16815.	24323.
7	7810.	7810.	3926.	11736.	12336.	20146.
8	7865.	7865.	3361.	11226.	8983.	16848.
9	8152.	8152.	3242.	11394.	8996.	17148.
10	8593.	8593.	3272.	11865.	8923.	17516.
11	8790.	8790.	3000.	11790.	8185.	16975.
12	8560.	8560.	3080.	11640.	7355.	15915.
13	8122.	8122.	2744.	10866.	6573.	14695.
14	7878.	7878.	2381.	10259.	6805.	14683.
15	7902.	7902.	2227.	10129.	6409.	14311.
16	7916.	7916.	2172.	10088.	5866.	13782.
17	7929.	7929.	2075.	10004.	5602.	13531.
18	7942.	7942.	2110.	10052.	5419.	13361.
19	8020.	8020.	2019.	10039.	5448.	13468.
20	7982.	7982.	1948.	9930.	5250.	13232.
21	6428.	6428.	1915.	8343.	4963.	11391.
22	6359.	6359.	1805.	8164.	4963.	11322.
23	6039.	6039.	1656.	7695.	4249.	10288.
24	5841.	5841.	1671.	7512.	4375.	10216.
25	5624.	5624.	1543.	7167.	4197.	9821.
26	5482.	5482.	1482.	6964.	4302.	9784.
27	5393.	5393.	1352.	6745.	4586.	9979.
28	5216.	5216.	1527.	6743.	3852.	9068.
29	5032.	5032.	1575.	6607.	3637.	8669.
30	4774.	4774.	1992.	6766.	4929.	9703.
31	4360.	4360.	2872.	7232.	4204.	8564.
32	4189.	4189.	6075.	10264.	15138.	19327.
33	4492.	5537.	19566.	25103.	50093.	55630.
34	4542.	5364.	20608.	25972.	51069.	56433.
35	4421.	5260.	20942.	26202.	46235.	51495.
36	4225.	8034.	26355.	34389.	59744.	67778.
37	6101.	7389.	42624.	50013.	55730.	63119.
38	6215.	7257.	47450.	54707.	100621.	107878.
39	4089.	7855.	38346.	46201.	106645.	114500.
40	2463.	8328.	33706.	42034.	95434.	103762.
41	2489.	8359.	35525.	43884.	83237.	91596.
42	7623.	8515.	27332.	35847.	72274.	80789.
43	8476.	8476.	28919.	37395.	78882.	87358.
44	15393.	8373.	27964.	36337.	75193.	83566.
45	20275.	8246.	31316.	39562.	79326.	87572.
46	16155.	9966.	21670.	31636.	61581.	71547.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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	6205.	6205.	7230.	13435.	33814.	40019.
2	6450.	6450.	4853.	11303.	27559.	34009.
3	6684.	6684.	3770.	10454.	20555.	27239.
4	6961.	6961.	3594.	10555.	15765.	22726.
5	7192.	7192.	3036.	10228.	14976.	22168.
6	7503.	7503.	2734.	10237.	12128.	19631.
7	7503.	7503.	2703.	10206.	8841.	16344.
8	7807.	7807.	2540.	10347.	8974.	16781.
9	8106.	8106.	2587.	10693.	9302.	17408.
10	8509.	8509.	2353.	10862.	7483.	15992.
11	8714.	8714.	2193.	10907.	6622.	15336.
12	8485.	8485.	1954.	10439.	6928.	15413.
13	8046.	8046.	1983.	10029.	7600.	15646.
14	7827.	7827.	1847.	9674.	8005.	15832.
15	7853.	7853.	1802.	9655.	7430.	15283.
16	7865.	7865.	1764.	9629.	7353.	15218.
17	7878.	7878.	1719.	9597.	7265.	15143.
18	6321.	6321.	1721.	8042.	7207.	13528.
19	6367.	6367.	1777.	8144.	6889.	13256.
20	6335.	6335.	1751.	8086.	7425.	13760.
21	6349.	6349.	1746.	8095.	7469.	13818.
22	6293.	6293.	1687.	7980.	7220.	13513.
23	6028.	6028.	1675.	7703.	7505.	13533.
24	5828.	5828.	1590.	7418.	6614.	12442.
25	5608.	5608.	1518.	7126.	6326.	11934.
26	5466.	5466.	1496.	6962.	6331.	11797.
27	5368.	5368.	1493.	6861.	6142.	11510.
28	5191.	5191.	1505.	6696.	6105.	11296.
29	5017.	5017.	1597.	6614.	6568.	11585.
30	4790.	4790.	2093.	6883.	10031.	14821.
31	4586.	4586.	3458.	8044.	32719.	37305.
32	4876.	4876.	7048.	11924.	67965.	72841.
33	5468.	5468.	9905.	15373.	45992.	51460.
34	7291.	7291.	18582.	25873.	52364.	59655.
35	7361.	7361.	27977.	35338.	64397.	71758.
36	4890.	7552.	21047.	28599.	64709.	72261.
37	4143.	7763.	23873.	31636.	47994.	55757.
38	3828.	7843.	26301.	34144.	61543.	69386.
39	3894.	7765.	32945.	40710.	86556.	94321.
40	3074.	8058.	32938.	40996.	76658.	84716.
41	3787.	7830.	35125.	42955.	71302.	79132.
42	5884.	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	11731.	7980.	29667.	37647.	74752.	82732.
47	11844.	8193.	21421.	29614.	64509.	72702.
48	16072.	7942.	32977.	40919.	70689.	78631.
49	15586.	6972.	26430.	33402.	59629.	66601.
50	8738.	7647.	15624.	23271.	46863.	54510.
51	8830.	8830.	13094.	21924.	35430.	44260.
52	11618.	11618.	15113.	26731.	31240.	42858.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1975 1	6183.	6183.	8986.	15169.	20413.	26596.
2	6486.	6486.	7760.	14246.	20445.	26931.
3	6661.	6661.	4857.	11518.	14411.	21072.
4	6930.	6930.	4468.	11398.	11464.	18394.
5	7195.	7195.	3827.	11022.	9525.	16720.
6	7517.	7517.	3069.	10586.	9378.	16895.
7	7541.	7541.	2751.	10292.	8521.	16062.
8	7853.	7853.	2523.	10376.	8378.	16231.
9	8163.	8163.	2653.	10816.	8393.	16556.
10	8653.	8653.	2517.	11170.	8307.	16960.
11	8866.	8866.	2455.	11321.	8021.	16887.
12	8640.	8640.	2515.	11155.	7807.	16447.
13	8202.	8202.	2500.	10702.	7521.	15723.
14	7970.	7970.	2383.	10353.	7527.	15497.
15	7985.	7985.	2247.	10232.	7392.	15377.
16	7999.	7999.	2047.	10046.	7106.	15105.
17	8012.	8012.	1953.	9965.	7106.	15118.
18	8028.	8028.	2050.	10078.	6607.	14635.
19	6551.	6551.	1929.	8480.	6635.	13186.
20	6520.	6520.	1716.	8236.	6635.	13155.
21	6526.	6526.	1699.	8225.	6187.	12713.
22	6461.	6461.	1724.	8185.	6226.	12687.
23	6194.	6194.	1584.	7778.	5728.	11922.
24	5996.	5996.	1630.	7626.	5728.	11724.
25	5779.	5779.	1656.	7435.	5728.	11507.
26	5637.	5637.	1573.	7210.	5728.	11365.
27	5535.	5535.	1668.	7203.	5538.	11073.
28	5359.	5359.	1667.	7026.	5240.	10599.
29	5195.	5195.	1663.	6858.	5125.	10320.
30	4976.	4976.	1971.	6947.	5656.	10632.
31	4684.	4684.	2757.	7441.	6655.	11339.
32	5038.	5038.	3965.	9003.	8387.	13425.
33	6122.	6122.	13992.	20114.	20837.	26959.
34	7134.	7134.	22064.	29198.	57259.	64393.
35	7577.	7577.	36139.	43715.	84792.	92369.
36	7188.	7188.	37357.	44545.	94967.	102155.
37	5436.	7543.	34862.	42405.	84400.	91943.
38	6427.	7170.	41708.	48878.	102902.	110072.
39	5518.	7365.	43317.	50682.	111778.	119143.
40	5999.	7655.	42917.	50572.	116702.	124357.
41	28436.	22082.	52411.	74493.	124993.	147075.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1976 1	9346.	9346.	11984.	21330.	36097.	45443.
2	8243.	8243.	10831.	19074.	25557.	33800.
3	7593.	7593.	7892.	15485.	24021.	31614.
4	7198.	7198.	4956.	12154.	16951.	24149.
5	7284.	7284.	3823.	11107.	12841.	20125.
6	7536.	7536.	2942.	10478.	10045.	17581.
7	7818.	7818.	2698.	10516.	7650.	15468.
8	8118.	8118.	2353.	10471.	6287.	14405.
9	8173.	8173.	2329.	10502.	5262.	13435.
10	8576.	8576.	2133.	10709.	4937.	13513.
11	8784.	8784.	2073.	10857.	4977.	13761.
12	8553.	8553.	1963.	10516.	5017.	13570.
13	8108.	8108.	1963.	10071.	5070.	13178.
14	7909.	7909.	1928.	9837.	5423.	13332.
15	7937.	7937.	1885.	9822.	5650.	13587.
16	7946.	7946.	1789.	9735.	5912.	13858.
17	7957.	7957.	1813.	9770.	5525.	13482.
18	7970.	7970.	1791.	9761.	5353.	13323.
19	8020.	8020.	1802.	9822.	5120.	13140.
20	7982.	7982.	2087.	10069.	4720.	12702.
21	6428.	6428.	1965.	8393.	4491.	10919.
22	6368.	6368.	1972.	8340.	4344.	10712.
23	6097.	6097.	1951.	8048.	4521.	10618.
24	5899.	5899.	1731.	7630.	4578.	10477.
25	5682.	5682.	1722.	7404.	4578.	10260.
26	5540.	5540.	1739.	7279.	4578.	10118.
27	5435.	5435.	1775.	7210.	4644.	10079.
28	5263.	5263.	1938.	7201.	4608.	9871.
29	5106.	5106.	2558.	7664.	4731.	9837.
30	4941.	4941.	3367.	8308.	7357.	12298.
31	5129.	5129.	7952.	13081.	41832.	46961.
32	6588.	6588.	22021.	28609.	85712.	92300.
33	6316.	6316.	17165.	23481.	54622.	60938.
34	6224.	6224.	18680.	24904.	50278.	56502.
35	6279.	6279.	24164.	30443.	48333.	54612.
36	6017.	7545.	39449.	46994.	66584.	74129.
37	6122.	7431.	50460.	57891.	93255.	100686.
38	4321.	7895.	35628.	43523.	91662.	99557.
39	4042.	7934.	41390.	49324.	94823.	102757.
40	2709.	7947.	37749.	45696.	107581.	115528.
41	2790.	7949.	42231.	50180.	102194.	110143.
42	3462.	7999.	45425.	53424.	99186.	107185.
43	7974.	7974.	40990.	48964.	88840.	96814.
44	14996.	8536.	38128.	46664.	90093.	98629.
45	27600.	8886.	35617.	44503.	90971.	99857.
46	20486.	20422.	36295.	56717.	82171.	102593.
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	6154.	5535.	15153.	20688.	46955.	52490.
52	6088.	5806.	14658.	20464.	53165.	58971.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1977 1	6228.	6228.	10771.	16999.	28458.	34686.
2	6475.	6475.	9042.	15517.	26231.	32706.
3	6776.	6776.	6979.	13755.	26542.	33318.
4	7064.	7064.	6904.	13968.	27361.	34425.
5	7366.	7366.	5470.	12836.	19348.	26714.
6	7668.	7668.	4649.	12317.	16419.	24087.
7	7843.	7843.	4048.	11891.	17001.	24844.
8	8129.	8129.	3667.	11796.	14987.	23116.
9	8520.	8520.	4315.	12835.	12971.	21491.
10	8965.	8965.	3817.	12782.	12142.	21107.
11	9129.	9129.	3149.	12278.	11229.	20358.
12	8862.	8862.	3111.	11973.	10266.	19128.
13	8392.	8392.	3053.	11445.	9847.	18239.
14	8097.	8097.	2924.	11021.	9799.	17896.
15	8114.	8114.	2669.	10783.	8423.	16537.
16	8111.	8111.	2438.	10549.	7942.	16053.
17	8117.	8117.	2369.	10486.	7910.	16027.
18	8121.	8121.	2103.	10224.	8386.	16507.
19	8154.	8154.	2031.	10185.	7870.	16024.
20	6542.	6542.	1900.	8442.	7182.	13724.
21	6558.	6558.	2014.	8572.	7325.	13883.
22	6497.	6497.	1943.	8440.	6371.	12868.
23	6211.	6211.	1921.	8132.	5788.	11999.
24	6013.	6013.	1864.	7877.	5288.	11301.
25	5796.	5796.	1817.	7613.	5145.	10941.
26	5654.	5654.	1815.	7469.	5145.	10799.
27	5612.	5612.	1988.	7600.	4705.	10317.
28	5435.	5435.	1857.	7292.	4562.	9997.
29	6507.	6507.	1860.	8367.	4484.	10991.
30	6195.	6195.	1897.	8092.	4979.	11174.
31	5720.	5720.	2608.	8328.	6502.	12222.
32	5697.	5697.	4563.	10260.	15169.	20866.
33	7028.	7028.	10808.	17836.	45393.	52421.
34	7435.	7435.	18350.	25785.	71942.	79377.
35	8113.	8113.	35899.	44012.	93381.	101494.
36	7043.	7234.	53916.	61150.	124952.	132186.
37	7605.	7415.	67878.	75293.	129038.	136453.
38	6801.	7085.	56371.	63456.	136258.	143343.
39	5796.	7291.	57173.	64464.	136423.	143714.
40	5479.	7716.	41240.	48956.	128713.	136429.
41	22716.	18700.	44577.	63277.	119570.	138270.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1978 1	8112.	8112.	13324.	21436.	48617.	56729.
2	8229.	8229.	12137.	20366.	38485.	46714.
3	7232.	7232.	9727.	16959.	26197.	33429.
4	7209.	7209.	7484.	14693.	18605.	25814.
5	7413.	7413.	6517.	13930.	14350.	21763.
6	7669.	7669.	4902.	12571.	11812.	19481.
7	7949.	7949.	4048.	11997.	9440.	17389.
8	8243.	8243.	3627.	11870.	7153.	15396.
9	8486.	8486.	3506.	11992.	17479.	25965.
10	8853.	8853.	3268.	12121.	5391.	14244.
11	9048.	9048.	3167.	12215.	5074.	14122.
12	8810.	8810.	3036.	11846.	5003.	13813.
13	8405.	8405.	3107.	11512.	5037.	13442.
14	8169.	8169.	3141.	11310.	4969.	13138.
15	8162.	8162.	2797.	10959.	5058.	13220.
16	8153.	8153.	2742.	10895.	5157.	13310.
17	8148.	8148.	2526.	10674.	5230.	13378.
18	8141.	8141.	2376.	10517.	5137.	13278.
19	8183.	8183.	2171.	10354.	5252.	13435.
20	8164.	8164.	2029.	10193.	5297.	13461.
21	8153.	8153.	1892.	10045.	5297.	13450.
22	8072.	8072.	1761.	9833.	5140.	13212.
23	7672.	7672.	1738.	9410.	5122.	12794.
24	7425.	7425.	1697.	9122.	5122.	12547.
25	7242.	7242.	1585.	8827.	5122.	12364.
26	7126.	7126.	1702.	8828.	5059.	12185.
27	7058.	7058.	2011.	9069.	4988.	12046.
28	6882.	6882.	1936.	8818.	5016.	11898.
29	6701.	6701.	2062.	8763.	5359.	12060.
30	6529.	6529.	2467.	8996.	6192.	12721.
31	6228.	6228.	3265.	9493.	9525.	15753.
32	5472.	5472.	8395.	13867.	31942.	37414.
33	5434.	5710.	11835.	17545.	42861.	48571.
34	5869.	5804.	11148.	16952.	45467.	51271.
35	5378.	5779.	13048.	18827.	50879.	56658.
36	3850.	7531.	21720.	29251.	54797.	62328.
37	4287.	7349.	31855.	39204.	74551.	81900.
38	3817.	7443.	27488.	34931.	75800.	83243.
39	4051.	7306.	32218.	39524.	90479.	97785.
40	4320.	7010.	39036.	46046.	93819.	100829.
41	4085.	7081.	38184.	45265.	99047.	106128.
42	4086.	7071.	42653.	49724.	97829.	104900.
43	4759.	7089.	43523.	50612.	97640.	104729.
44	15939.	6721.	43836.	50557.	105065.	111786.
45	17917.	6803.	40823.	47626.	102226.	109029.
46	16659.	11754.	37165.	48919.	88355.	100109.
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	5876.	5876.	10325.	16201.	27671.	33547.

TABLE 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1979 1	6276.	6276.	8293.	14569.	25995.	32271.
2	6625.	6625.	6980.	13605.	39536.	46161.
3	6850.	6850.	6141.	12991.	37472.	44322.
4	7077.	7077.	4797.	11874.	28602.	35679.
5	7357.	7357.	4689.	12046.	23304.	30661.
6	7641.	7641.	4525.	12166.	16884.	24525.
7	7902.	7902.	3790.	11692.	11308.	19210.
8	8013.	8013.	3512.	11525.	8424.	16437.
9	8307.	8307.	3430.	11737.	8065.	16372.
10	8703.	8703.	3306.	12009.	7752.	16455.
11	8893.	8893.	3219.	12112.	7909.	16802.
12	8644.	8644.	2962.	11606.	7781.	16425.
13	8198.	8198.	2881.	11079.	7619.	15817.
14	7941.	7941.	2552.	10493.	7641.	15582.
15	7962.	7962.	2694.	10656.	7694.	15656.
16	7976.	7976.	2476.	10452.	7694.	15670.
17	7989.	7989.	2404.	10393.	7194.	15183.
18	7989.	7989.	2192.	10181.	7287.	15276.
19	8037.	8037.	2107.	10144.	6925.	14962.
20	6429.	6429.	1940.	8369.	6782.	13211.
21	6445.	6445.	1974.	8419.	6496.	12941.
22	6375.	6375.	1946.	8321.	6303.	12678.
23	6018.	6018.	1730.	7748.	5831.	11849.
24	5820.	5820.	1795.	7615.	5831.	11651.
25	5603.	5603.	1716.	7319.	5831.	11434.
26	5461.	5461.	1782.	7243.	5831.	11292.
27	5390.	5390.	1852.	7242.	5369.	10759.
28	5217.	5217.	1935.	7152.	5602.	10819.
29	6279.	6279.	2046.	8325.	6838.	13117.
30	5970.	5970.	3308.	9278.	9717.	15687.
31	5509.	5509.	6155.	11664.	20076.	25585.
32	5355.	5355.	13451.	18806.	62145.	67500.
33	5627.	5662.	19843.	25505.	76552.	82214.
34	5878.	5843.	23660.	29503.	75767.	81610.
35	6266.	6266.	39059.	45325.	95908.	102174.
36	3136.	8197.	32417.	40614.	98317.	106514.
37	2701.	8326.	31088.	39414.	93889.	102215.
38	2509.	8391.	30468.	38859.	84637.	93028.
39	2817.	8247.	39875.	48122.	107982.	116229.
40	4472.	7711.	43191.	50902.	104061.	111772.
41	12251.	7725.	46437.	54162.	111332.	119057.
42	30205.	9493.	63050.	72543.	121081.	130574.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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.
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(1)	(CFS) (2)	(CFS) (3)	(CFS) (4)	(CFS) (5)	(CFS) (6)	(CFS) (7)
1980 1	7486.	7486.	11287.	18773.	58457.	65943.
2	9501.	9501.	13274.	22775.	74399.	83900.
3	6830.	6830.	7932.	14762.	49241.	56071.
4	7044.	7044.	6422.	13466.	33299.	40343.
5	7309.	7309.	5718.	13027.	34626.	41935.
6	7590.	7590.	5483.	13073.	34681.	42271.
7	7915.	7915.	5569.	13484.	32308.	40223.
8	8157.	8157.	3504.	11661.	18977.	27134.
9	8451.	8451.	3739.	12190.	16135.	24586.
10	8824.	8824.	2895.	11719.	14781.	23605.
11	9021.	9021.	2610.	11631.	12965.	21986.
12	8775.	8775.	2665.	11440.	11067.	19842.
13	8318.	8318.	2517.	10835.	10153.	18471.
14	8095.	8095.	2367.	10462.	9485.	17580.
15	8094.	8094.	2373.	10467.	8707.	16801.
16	8087.	8087.	2287.	10374.	8301.	16388.
17	8083.	8083.	2249.	10332.	7953.	16036.
18	8081.	8081.	2153.	10234.	7850.	15931.
19	8117.	8117.	2157.	10274.	7746.	15863.
20	8101.	8101.	2049.	10150.	7671.	15772.
21	8088.	8088.	2025.	10113.	7552.	15640.
22	8013.	8013.	2081.	10094.	7480.	15493.
23	7652.	7652.	1948.	9600.	7536.	15188.
24	7426.	7426.	1909.	9335.	7808.	15234.
25	7198.	7198.	1776.	8974.	7379.	14577.
26	7082.	7082.	1872.	8954.	7665.	14747.
27	7009.	7009.	1947.	8956.	8369.	15378.
28	6832.	6832.	2102.	8934.	9097.	15929.
29	6674.	6674.	2245.	8919.	10676.	17350.
30	6517.	6517.	3262.	9779.	12771.	19288.
31	6316.	6316.	5110.	11426.	19839.	26155.
32	5990.	5990.	6298.	12288.	46417.	52407.
33	6208.	6208.	8123.	14331.	54733.	60941.
34	5803.	5803.	10635.	16438.	65213.	71016.
35	6127.	6127.	18789.	24916.	90818.	96945.
36	6861.	6861.	28725.	35586.	109170.	116031.
37	6344.	6502.	29533.	36035.	118740.	125242.
38	6693.	6535.	35274.	41809.	121721.	128256.
39	6264.	6264.	42781.	49045.	121637.	127901.
40	5134.	7158.	39651.	46809.	131642.	138800.
41	9263.	7239.	46944.	54183.	159924.	167163.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1981 1	9434.	9434.	11813.	21247.	33137.	42571.
2	8409.	8409.	10294.	18703.	31734.	40143.
3	6994.	6994.	8620.	15614.	26549.	33543.
4	7049.	7049.	7171.	14220.	21721.	28770.
5	7274.	7274.	6026.	13300.	18168.	25442.
6	7561.	7561.	5535.	13096.	15785.	23346.
7	7820.	7820.	4630.	12450.	11211.	19031.
8	8135.	8135.	4420.	12555.	11158.	19293.
9	8436.	8436.	4115.	12551.	10716.	19152.
10	8479.	8479.	3524.	12003.	8213.	16692.
11	8683.	8683.	2952.	11635.	6719.	15402.
12	8696.	8696.	2692.	11388.	5678.	14374.
13	8252.	8252.	2539.	10791.	5383.	13635.
14	8057.	8057.	2609.	10666.	5333.	13390.
15	8066.	8066.	2497.	10563.	5654.	13720.
16	8070.	8070.	2472.	10542.	6005.	14075.
17	8072.	8072.	2475.	10547.	5911.	13983.
18	8069.	8069.	2359.	10428.	6309.	14378.
19	8195.	8195.	2359.	10554.	6617.	14812.
20	8153.	8153.	2210.	10363.	5703.	13856.
21	8111.	8111.	2136.	10247.	5230.	13341.
22	8032.	8032.	2052.	10084.	4680.	12712.
23	7669.	7669.	1978.	9647.	4609.	12278.
24	7448.	7448.	1963.	9411.	4516.	11964.
25	7219.	7219.	1891.	9110.	4704.	11923.
26	7086.	7086.	1893.	8979.	5042.	12128.
27	7028.	7028.	1922.	8950.	5765.	12793.
28	6853.	6853.	1940.	8793.	6490.	13343.
29	6676.	6676.	2134.	8810.	7535.	14211.
30	6521.	6521.	3372.	9893.	11346.	17867.
31	6289.	6289.	9404.	15693.	34661.	40950.
32	6648.	6648.	21475.	28123.	66475.	73123.
33	6490.	6490.	23536.	30026.	73536.	80026.
34	6134.	6134.	21381.	27515.	73438.	79572.
35	6326.	6326.	28230.	34556.	85087.	91413.
36	3176.	8462.	27166.	35628.	81309.	89771.
37	2938.	8511.	26804.	35315.	77704.	86215.
38	3093.	8474.	34626.	43100.	99040.	107514.
39	3384.	8387.	39570.	47957.	100213.	108600.
40	4447.	7328.	37986.	45314.	86443.	93771.
41	9517.	5052.	77562.	82614.	114762.	119814.
42	33121.	13461.	59888.	73349.	151574.	165035.
43	33258.	33258.	53785.	87043.	138028.	171286.
44	36067.	36067.	55962.	92029.	129647.	165714.
45	34704.	34704.	48210.	82914.	128010.	162714.
46	38000.	38000.	58805.	96805.	161862.	199862.
47	38000.	38000.	41459.	79459.	98316.	136316.
48	28225.	28225.	37139.	65364.	91739.	119964.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1982 1	6569.	6569.	10645.	17214.	23888.	30457.
2	6486.	6486.	9810.	16296.	21396.	27882.
3	6795.	6795.	9853.	16648.	24753.	31548.
4	7143.	7143.	11195.	18338.	40881.	48024.
5	7432.	7432.	5788.	13220.	21516.	28948.
6	7689.	7689.	4901.	12590.	17773.	25462.
7	7988.	7988.	3835.	11823.	14135.	22123.
8	8252.	8252.	2882.	11134.	11254.	19505.
9	8524.	8524.	2380.	10904.	10466.	18990.
10	8795.	8795.	2101.	10896.	9958.	18753.
11	8984.	8984.	1850.	10834.	9807.	18791.
12	8832.	8832.	1799.	10631.	9314.	18146.
13	8384.	8384.	1542.	9926.	8885.	17269.
14	8195.	8195.	916.	9111.	8202.	16397.
15	8196.	8196.	1417.	9613.	7203.	15399.
16	8191.	8191.	1417.	9608.	6774.	14965.
17	8190.	8190.	1417.	9607.	6417.	14607.
18	8181.	8181.	1408.	9589.	5965.	14146.
19	8247.	8247.	1718.	9965.	5460.	13707.
20	8178.	8178.	1672.	9850.	5529.	13707.
21	8123.	8123.	1695.	9818.	5881.	14004.
22	8045.	8045.	1718.	9763.	5518.	13563.
23	7670.	7670.	1699.	9369.	4856.	12526.
24	7446.	7446.	1699.	9145.	4499.	11945.
25	7225.	7225.	1740.	8965.	3940.	11165.
26	7132.	7132.	2023.	9155.	3637.	10769.
27	7114.	7114.	2071.	9185.	3714.	10828.
28	6939.	6939.	2014.	8953.	3785.	10724.
29	6771.	6771.	2094.	8865.	4294.	11065.
30	6640.	6640.	2643.	9283.	4900.	11540.
31	6325.	6325.	3522.	9847.	6679.	13004.
32	5923.	5923.	8707.	14630.	19793.	25716.
33	6503.	6503.	17655.	24158.	41755.	48258.
34	6762.	6762.	17080.	23842.	43409.	50171.
35	6700.	6700.	25857.	32557.	49728.	56428.
36	5863.	7507.	40736.	48243.	78807.	86314.
37	4829.	7752.	35248.	43000.	83020.	90772.
38	5940.	7352.	35891.	43243.	81048.	88400.
39	5515.	7402.	42855.	50257.	99598.	107000.
40	3033.	8210.	32790.	41000.	82776.	90986.
41	3796.	8022.	34750.	42772.	79593.	87615.
42	10999.	8007.	35865.	43872.	83479.	91486.
43	26386.	12110.	51871.	63981.	111757.	123867.
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 20 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT SUNSHINE AND SUSITNA STATION
FOR STAGE II

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)
1983 1	9491.	9491.	16609.	26100.	45466.	54957.
2	7464.	7464.	11936.	19400.	28807.	36271.
3	7007.	7007.	8737.	15744.	22752.	29759.
4	7101.	7101.	8738.	15839.	18724.	25825.
5	7263.	7263.	7683.	14946.	16097.	23360.
6	7562.	7562.	6553.	14115.	14267.	21829.
7	7867.	7867.	5756.	13623.	12685.	20552.
8	8009.	8009.	4989.	12998.	11417.	19426.
9	8308.	8308.	4551.	12859.	10051.	18359.
10	8730.	8730.	4072.	12802.	8858.	17588.
11	8943.	8943.	3787.	12730.	7801.	16744.
12	8717.	8717.	3358.	12075.	6944.	15661.
13	8296.	8296.	3455.	11751.	6640.	14936.
14	8135.	8135.	3945.	12080.	7431.	15566.
15	8204.	8204.	3218.	11422.	6261.	14465.
16	8187.	8187.	2869.	11056.	5883.	14070.
17	8181.	8181.	2817.	10998.	5946.	14127.
18	8178.	8178.	2787.	10965.	5787.	13965.
19	8210.	8210.	2745.	10955.	5917.	14127.
20	8202.	8202.	3041.	11243.	6698.	14900.
21	8187.	8187.	2844.	11031.	7287.	15474.
22	8036.	8036.	2365.	10401.	6608.	14644.
23	6138.	6138.	2119.	8257.	5890.	12028.
24	7370.	7370.	1884.	9254.	5455.	12825.
25	7093.	7093.	1695.	8788.	5223.	12316.
26	7108.	7108.	1687.	8795.	5173.	12281.
27	7058.	7058.	1816.	8874.	5202.	12260.
28	6883.	6883.	1920.	8803.	5077.	11960.
29	6713.	6713.	2304.	9017.	5290.	12003.
30	6126.	6126.	3356.	9482.	7099.	13225.
31	5934.	5934.	5733.	11667.	15690.	21624.
32	6518.	6518.	13267.	19785.	44882.	51400.
33	6983.	6983.	23024.	30007.	63110.	70093.
34	6745.	6745.	21747.	28492.	53461.	60206.
35	7034.	7034.	27704.	34738.	65290.	72324.
36	4725.	8102.	29941.	38043.	81412.	89514.
37	3515.	8356.	26329.	34685.	58201.	66557.
38	4052.	8216.	33698.	41914.	83469.	91685.
39	3894.	8223.	40406.	48629.	99249.	107472.
40	3438.	7861.	39211.	47072.	93482.	101343.
41	3916.	8018.	38068.	46086.	90839.	98857.
42	11113.	8180.	30448.	38628.	81848.	90028.
43	18801.	8115.	29270.	37385.	71813.	79928.
44	19944.	8325.	32127.	40452.	75256.	83581.
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 21

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	6337
3.0	10132	3.0	8204	21.2	6243
6.1	8661	6.1	7682	42.4	6150
15.2	8327	9.1	7193	69.7	6059
18.2	8007	12.1	6961	87.9	5969
21.2	7699	15.2	6736	93.9	5880
33.3	7403	21.2	6518	97.0	4840
36.4	6844	24.2	6308	100.0	4768
45.5	6328	27.3	6104		
48.5	6084	48.5	5907		
54.5	5850	84.8	5716		
66.7	5625	93.9	5531		
87.9	5409	97.0	4693		
100.0	5201	100.0	4541		

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	6717	0.0	7057	0.0	7395
18.2	6613	21.2	6956	24.2	7294
39.4	6510	51.5	6855	54.5	7194
75.8	6410	81.8	6757	81.8	7096
93.9	6117	90.9	6660	93.9	6998
97.0	5073	97.0	5437	97.0	5769
100.0	4994	100.0	5359	100.0	5690

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	7649	0.0	7943	0.0	8153
42.4	7546	21.2	7740	97.0	5175
63.6	7444	97.0	4980	100.0	5046
93.9	7344	100.0	4852		
97.0	5993				
100.0	5912				

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	8554	0.0	8778	0.0	8675
93.9	8342	93.9	8560	9.1	8453
97.0	5446	97.0	5583	97.0	5442
100.0	5311	100.0	5445	100.0	5303

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	8230	0.0	7989	0.0	7983
12.1	8019	27.3	7785	97.0	5032
97.0	5159	97.0	5016	100.0	4905
100.0	5027	100.0	4888		

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	7973	0.0	7978	0.0	8003
97.0	5041	97.0	5049	87.9	6363
100.0	4914	100.0	4922	97.0	5058
				100.0	4931

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	8065	0.0	8059	0.0	7953
78.8	7862	33.3	7854	42.4	6354
81.8	6408	63.6	6391	97.0	5076
97.0	5091	97.0	5068	100.0	4951
100.0	4963	100.0	4939		

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	7876	0.0	7528	0.0	7305
24.2	6295	21.2	6016	24.2	5828
97.0	5032	97.0	4809	97.0	4650
100.0	4908	100.0	4690	100.0	4534

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	7083	0.0	6968	0.0	7007
27.3	5631	21.2	6789	24.2	6820
97.0	4476	39.4	5514	45.5	5344
100.0	4364	97.0	4364	97.0	4303
		100.0	4252	100.0	4188

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	6746	0.0	6538	0.0	6342
30.3	6567	27.3	6362	18.2	6165
45.5	5156	51.5	4983	21.2	5992
97.0	4158	97.0	4011	54.5	4774
100.0	4048	100.0	3903	97.0	3804
				100.0	3697

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	6085	0.0	4995	0.0	4814
12.1	5897	57.6	4530	45.5	4581
18.2	5714	60.6	4109	51.5	4469
21.2	5366	63.6	4010	54.5	4360
60.6	5200	97.0	3218	57.6	4047
63.6	4307	100.0	3141	60.6	3948
97.0	3457			63.6	3851
100.0	3350			90.9	3403
				93.9	3238
				97.0	3081
				100.0	3006

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	5429	0.0	4893	0.0	3715
3.0	5131	3.0	4553	9.1	3476
6.1	4581	6.1	4237	21.2	3252
27.3	4329	21.2	3942	27.3	3043
33.3	4091	39.4	3668	54.5	2848
39.4	3866	48.5	3414	66.7	2665
42.4	3653	78.8	2956	72.7	2493
75.8	3452	87.9	2750	75.8	2333
81.8	3262	90.9	2559	78.8	2183
84.8	3083	93.9	2216	81.8	2043
90.9	2913	97.0	1339	90.9	1911
93.9	2458	100.0	1246	93.9	1566
97.0	1960			97.0	1123
100.0	1852			100.0	1051

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	3866	0.0	3482	0.0	19444
6.1	3604	9.1	3230	6.1	8585
15.2	3361	18.2	2996	9.1	3791
18.2	3133	27.3	2779	12.1	3308
42.4	2921	51.5	2577	30.3	2887
57.6	2724	63.6	2390	42.4	2519
63.6	2540	69.7	2217	66.7	2198
75.8	2368	72.7	2056	75.8	1918
81.8	1919	81.8	1769	84.8	1674
84.8	1789	87.9	1640	100.0	1461
87.9	1668	90.9	1522		
93.9	1556	93.9	1411		
97.0	1096	97.0	898		
100.0	1022	100.0	833		

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	24684	0.0	26563	0.0	31374
9.1	7606	15.2	22171	15.2	26410
12.1	4593	24.2	10761	21.2	22230
15.2	3882	27.3	8982	45.5	18713
24.2	3281	30.3	7497	48.5	15751
30.3	2773	33.3	6257	51.5	11161
36.4	2344	36.4	5223	54.5	9395
51.5	1981	39.4	4359	57.6	7908
60.6	1674	42.4	3037	63.6	6657
81.8	1415	45.5	2535	75.8	4717
90.9	1196	60.6	2116	78.8	3342
100.0	1011	72.7	1766	81.8	2813
		81.8	1474	84.8	2368
		93.9	1230	90.9	1993
		97.0	1027	93.9	1678
		100.0	857	97.0	1412
				100.0	1189

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

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	33973
15.2	25725	9.1	29086	3.0	30644
27.3	22791	12.1	25744	6.1	27641
45.5	20192	21.2	22786	9.1	24932
51.5	17889	51.5	20168	21.2	22489
63.6	15849	69.7	17851	30.3	20285
66.7	14041	78.8	15800	60.6	18297
69.7	12440	81.8	13985	69.7	16504
72.7	7664	87.9	10956	81.8	14887
78.8	6790	90.9	6724	90.9	6523
87.9	6016	97.0	3652	93.9	5884
90.9	4722	100.0	3233	97.0	5307
93.9	3284			100.0	4787
100.0	2909				

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	34400	0.0	34088	0.0	34180
6.1	31614	9.1	28907	6.1	26723
9.1	26700	12.1	24513	9.1	24619
12.1	22550	15.2	22573	12.1	22679
15.2	20724	18.2	20787	15.2	20893
36.4	19045	27.3	19142	24.2	19248
54.5	17503	39.4	17627	30.3	17732
60.6	16085	54.5	16232	42.4	15048
75.8	14782	66.7	14948	51.5	13863
87.9	13585	75.8	13765	57.6	12771
90.9	12485	81.8	12676	69.7	11765
93.9	10544	90.9	10749	84.8	10839
97.0	7521	97.0	7730	87.9	9985
100.0	6912	100.0	7118	93.9	9199
				97.0	7807
				100.0	7192

TABLE 21 (Continued)

FLOW-DURATION DATA AT WATANA DAMSITE FOR STAGE II,

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	25067	0.0	22593
9.1	20154	3.0	17891
15.2	18740	6.1	16552
18.2	16204	18.2	15314
27.3	15067	21.2	14168
39.4	14010	30.3	13108
45.5	12114	42.4	12127
51.5	11264	48.5	11220
60.6	10474	57.6	10380
63.6	9740	66.7	9603
78.8	9056	72.7	8885
87.9	8421	75.8	8220
90.9	7281	81.8	7605
93.9	6771	90.9	7036
100.0	6296	93.9	6509
		97.0	5572
		100.0	5155

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (CFS)
0.0	21031	0.0	18346	20967
3.0	16827	3.0	15000	17143
18.2	15622	6.1	14026	16030
24.2	12499	9.1	13115	14989
30.3	11604	12.1	12264	14016
36.4	10773	18.2	11467	13106
48.5	10001	21.2	10723	12255
57.6	9285	27.3	10027	11459
66.7	8620	42.4	9376	10715
72.7	8002	45.5	8767	10019
78.8	7429	54.5	8198	9369
81.8	6897	66.7	7168	8192
84.8	6403	69.7	6267	7162
87.9	5944	72.7	5860	6697
93.9	5518	78.8	5480	6262
100.0	5123	100.0	5124	5856

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 22

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	11879	6.1	8574	3.0	7413
6.1	10340	12.1	8343	6.1	7230
12.1	9873	18.2	8117	9.1	7051
21.2	9427	21.2	7898	33.3	6877
27.3	9000	24.2	7685	81.8	6707
30.3	8594	27.3	7477	97.0	4845
36.4	8205	30.3	7079	100.0	4725
39.4	7834	36.4	6888		
42.4	7480	45.5	6702		
48.5	7142	60.6	6521		
54.5	6819	93.9	6344		
60.6	6511	97.0	5844		
81.8	6217	100.0	5686		
97.0	5936				
100.0	5667				

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	7403	0.0	7493	0.0	7736
21.2	7149	97.0	3047	97.0	3071
97.0	3950	100.0	2898	100.0	2917
100.0	3814				

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	8019	0.0	8260	0.0	8578
84.8	7606	93.9	7823	93.9	8108
97.0	3093	97.0	3104	97.0	3115
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	9112	0.0	9255	0.0	8928
97.0	2103	97.0	2106	97.0	2764
100.0	1938	100.0	1940	100.0	2589

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	8433	0.0	8252	0.0	8250
54.5	8215	39.4	8039	42.4	8038
97.0	5262	90.9	7830	97.0	5163
100.0	5126	97.0	5145	100.0	5030
		100.0	5012		

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	8253	0.0	8255	0.0	8223
48.5	8041	51.5	8044	60.6	8015
97.0	5167	97.0	5173	87.9	6361
100.0	5034	100.0	5040	97.0	5179
				100.0	5048

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	8257	0.0	8234	0.0	8218
57.6	8048	42.4	8024	39.4	8011
81.8	6556	63.6	6698	42.4	6697
90.9	6390	66.7	6528	48.5	6528
97.0	5206	90.9	6361	90.9	6363
100.0	5074	97.0	5175	97.0	5186
		100.0	5043	100.0	5055

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	8133	0.0	7762	0.0	7501
24.2	6633	21.2	6331	24.2	6121
27.3	6466	30.3	6171	33.3	5968
90.9	6304	97.0	4907	97.0	4748
97.0	5141	100.0	4783	100.0	4629
100.0	5012				

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	7297	0.0	7172	0.0	7154
21.2	7111	24.2	6986	33.3	6959
27.3	5933	39.4	5661	39.4	6769
30.3	5781	66.7	5514	45.5	5734
78.8	5634	97.0	4468	48.5	5578
97.0	4581	100.0	4352	69.7	5425
100.0	4464			97.0	4348
				100.0	4230

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	6973	0.0	6802	0.0	6647
30.3	6593	27.3	6610	21.2	6260
45.5	5573	30.3	6424	30.3	6075
48.5	5419	48.5	6244	51.5	5896
66.7	5269	51.5	5261	54.5	5075
97.0	4211	72.7	5113	72.7	4926
100.0	4095	97.0	4070	90.9	4780
		100.0	3955	97.0	3876
				100.0	3761

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	6853	0.0	7354	0.0	7832
3.0	6620	3.0	7100	3.0	7663
6.1	6394	6.1	6854	6.1	7336
24.2	5966	12.1	6617	9.1	7178
42.4	5763	21.2	6166	15.2	7023
48.5	5567	33.3	5953	21.2	6872
66.7	5194	45.5	5747	24.2	6724
69.7	5017	51.5	5548	27.3	6579
75.8	4847	63.6	5356	39.4	6437
78.8	4682	75.8	5170	48.5	6298
87.9	4522	81.8	4991	51.5	6163
90.9	4368	84.8	4652	54.5	6030
97.0	3674	90.9	4335	63.6	5900
100.0	3548	93.9	4185	66.7	5773
		97.0	3900	81.8	5648
		100.0	3765	87.9	5527
				97.0	5291
				100.0	5177
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	8461	0.0	8677	0.0	8791
3.0	8202	3.0	8130	3.0	8520
6.1	7951	12.1	7618	6.1	8257
9.1	7708	33.3	7138	15.2	8128
15.2	7472	60.6	6688	24.2	7878
30.3	7243	66.7	6267	33.3	7755
39.4	7021	72.7	5872	36.4	7635
48.5	6806	78.8	5502	54.5	7516
54.5	6598	84.8	5155	60.6	7399
57.6	6396	93.9	4526	69.7	7284
63.6	6200	97.0	2689	75.8	7171
66.7	6010	100.0	2519	84.8	7059
69.7	5826			90.9	6950
75.8	5648			97.0	6631
84.8	5475			100.0	6527
90.9	5307				
97.0	4834				
100.0	4686				

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	8696	0.0	22635
6.1	8499	6.1	8565	3.0	16956
9.1	8368	9.1	8437	6.1	11817
15.2	8238	12.1	8311	9.1	8852
18.2	7862	18.2	7943	21.2	8235
24.2	7740	24.2	7707	36.4	7661
27.3	7620	33.3	7592	63.6	7128
30.3	7503	36.4	7478	90.9	6631
48.5	7387	51.5	7366	97.0	6169
63.6	7160	60.6	7256	100.0	5739
69.7	7049	69.7	7147		
75.8	6940	81.8	6935		
78.8	6833	87.9	6831		
84.8	6727	90.9	6728		
87.9	6623	93.9	6628		
93.9	6520	100.0	6528		
100.0	6420				

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	26189	0.0	29915	0.0	35442
9.1	8887	3.0	27240	3.0	32346
21.2	8226	9.1	24805	9.1	29520
60.6	7615	18.2	22587	12.1	24587
87.9	7050	21.2	18729	24.2	22438
93.9	6526	24.2	9722	30.3	18689
100.0	6041	27.3	8853	33.3	14206
		39.4	8061	36.4	12964
		75.8	7341	39.4	9854
		93.9	6684	42.4	8993
		97.0	5543	51.5	8208
		100.0	5047	84.8	7491
				93.9	6836
				100.0	6239

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

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	36103	0.0	38038
9.1	30502	6.1	32940	3.0	34737
18.2	27947	9.1	30054	6.1	28969
21.2	25606	15.2	27421	12.1	26454
30.3	23460	21.2	25019	21.2	24158
39.4	21495	33.3	22827	33.3	22062
42.4	18044	54.5	20827	54.5	20147
48.5	16533	66.7	19002	63.6	18398
51.5	12716	72.7	9125	72.7	16802
57.6	8961	78.8	8326	75.8	8899
63.6	8210	87.9	7596	81.8	8127
87.9	7522	93.9	6931	87.9	7421
93.9	6892	100.0	6324	100.0	6777
100.0	6315				

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	38468	0.0	38038
9.1	29434	9.1	29772	6.1	29518
12.1	24808	12.1	27334	9.1	27125
21.2	22776	15.2	25096	12.1	24927
36.4	20910	18.2	23041	18.2	22906
54.5	19197	27.3	21155	27.3	21050
63.6	17624	42.4	19423	33.3	19343
72.7	16180	60.6	17832	42.4	17776
75.8	14854	66.7	16372	45.5	16335
78.8	13637	81.8	15032	54.5	15011
84.8	12520	87.9	13801	57.6	13794
90.9	10553	90.9	12671	75.8	12676
93.9	8166	93.9	8266	81.8	11648
100.0	7497	100.0	7589	87.9	10704
				93.9	8307
				100.0	7633

TABLE 22 (Continued)

FLOW-DURATION DATA AT DEVIL CANYON FOR STAGE II,

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	29954	0.0	26613
6.1	27740	3.0	21318
9.1	22033	6.1	19799
15.2	18897	12.1	18388
24.2	17500	21.2	17077
36.4	16207	24.2	15860
39.4	15009	30.3	14729
48.5	12873	42.4	13680
57.6	11921	54.5	12705
63.6	11040	60.6	11799
78.8	10224	63.6	10958
84.8	9469	72.7	10177
87.9	8121	75.8	8778
93.9	7521	87.9	8152
100.0	6965	93.9	7032
		100.0	6530

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE ^{1/} (CFS)	DISCHARGE ^{2/} (CFS)
0.0	24737	0.0	20612	23556
3.0	21128	3.0	18021	20596
6.1	19526	6.1	15756	18007
15.2	18045	9.1	14733	16838
24.2	14244	15.2	13776	15744
27.3	13164	18.2	12881	14722
39.4	12166	27.3	12045	13765
57.6	11243	36.4	11262	12871
60.6	10391	42.4	10531	12035
72.7	9603	48.5	9847	11254
75.8	8875	54.5	9207	10523
81.8	7580	66.7	8609	9839
87.9	7005	69.7	7527	8603
90.9	6474	75.8	6154	7033
93.9	5983	100.0	5754	6576
100.0	5529			

^{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 23

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	12.1	7711
9.1	10744	12.1	8996	18.2	7505
24.2	10234	21.2	8739	30.3	7304
27.3	9285	24.2	8489	54.5	7108
36.4	8845	27.3	8247	81.8	6918
39.4	8425	30.3	7559	97.0	5132
42.4	8025	42.4	7343	100.0	4995
51.5	7644	51.5	7133		
54.5	7281	66.7	6929		
69.7	6936	87.9	6731		
81.8	6606	93.9	6539		
93.9	6293	97.0	6170		
100.0	5994	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	8356	0.0	8037	0.0	8227
6.1	7732	30.3	7630	42.4	7801
39.4	7438	97.0	3157	97.0	3161
81.8	7154	100.0	2997	100.0	2997
97.0	4154				
100.0	3996				

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	8417	0.0	8615	0.0	8943
78.8	7972	63.6	8149	51.5	8443
97.0	3164	97.0	3168	97.0	3175
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	9559	0.0	9636	0.0	9212
51.5	8803	78.8	8870	84.8	8627
97.0	2170	97.0	2170	97.0	2826
100.0	1998	100.0	1998	100.0	2646

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	8664	0.0	8455	0.0	8447
39.4	8433	30.3	8232	33.3	8226
78.8	8208	69.7	8014	72.7	8010
97.0	5325	97.0	5220	97.0	5236
100.0	5183	100.0	5082	100.0	5099

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	8456	0.0	8461	0.0	8435
33.3	8234	33.3	8239	36.4	8216
72.7	8018	72.7	8023	78.8	8002
97.0	5237	97.0	5242	87.9	6481
100.0	5100	100.0	5105	97.0	5249
				100.0	5113

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	8502	0.0	8427	0.0	8411
36.4	8279	30.3	8208	21.2	8194
78.8	8062	60.6	7993	42.4	6820
81.8	6695	63.6	6821	51.5	6644
87.9	6520	69.7	6643	81.8	6472
97.0	5273	87.9	6470	97.0	5248
100.0	5135	97.0	5237	100.0	5112
		100.0	5100		

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	8317	0.0	7930	0.0	7662
18.2	8103	18.2	7726	24.2	6227
24.2	6752	21.2	6439	39.4	6068
33.3	6578	36.4	6273	72.7	5912
78.8	6409	66.7	6112	97.0	4805
97.0	5203	97.0	4963	100.0	4682
100.0	5069	100.0	4835		

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	7507	0.0	7330	0.0	7659
15.2	7309	21.2	7137	3.0	7427
24.2	7116	36.4	6948	21.2	7202
27.3	6062	39.4	5916	45.5	5806
33.3	5902	45.5	5760	66.7	5630
66.7	5747	66.7	5608	78.8	5460
97.0	4641	97.0	4526	97.0	4402
100.0	4518	100.0	4407	100.0	4269

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	7477	0.0	7358	0.0	7187
3.0	7248	3.0	7127	9.1	6952
21.2	7026	21.2	6902	15.2	6725
36.4	6811	33.3	6685	24.2	6505
42.4	6602	45.5	6474	36.4	6292
45.5	5650	51.5	5696	45.5	6086
60.6	5477	54.5	5516	54.5	5509
78.8	5309	66.7	5342	60.6	5328
97.0	4269	81.8	5174	72.7	5154
100.0	4138	97.0	4135	84.8	4986
		100.0	4005	97.0	3950
				100.0	3821

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	9302	0.0	9858	0.0	9973
3.0	7277	3.0	8548	3.0	9709
6.1	6928	6.1	8151	9.1	8959
18.2	6596	9.1	7773	15.2	8267
42.4	6280	18.2	7412	21.2	8049
48.5	5979	21.2	7068	24.2	7836
57.6	5692	33.3	6740	30.3	7629
72.7	5419	39.4	6427	39.4	7427
75.8	5160	45.5	6129	45.5	7231
81.8	4912	51.5	5844	51.5	7039
87.9	4677	69.7	5573	57.6	6672
93.9	4453	81.8	5315	63.6	6496
97.0	3843	84.8	5068	66.7	6324
100.0	3658	90.9	4608	69.7	6157
		93.9	4394	100.0	5994
		97.0	4191		
		100.0	3996		
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	11496	0.0	13538	0.0	11838
3.0	11108	3.0	11903	3.0	10033
9.1	10372	9.1	10925	9.1	9627
12.1	10023	15.2	10467	12.1	9430
18.2	9685	18.2	10027	18.2	9237
21.2	9359	21.2	9606	30.3	9048
27.3	9043	27.3	9203	90.9	8159
33.3	8739	45.5	8817	100.0	7992
36.4	8444	54.5	8092		
45.5	8160	63.6	7753		
54.5	7885	69.7	7427		
57.6	7114	78.8	6531		
69.7	6643	81.8	6257		
72.7	6419	100.0	5994		
75.8	6203				
100.0	5994				

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	10471	0.0	11009	0.0	24291
3.0	10324	3.0	10119	3.0	18130
6.1	10034	6.1	9950	6.1	12763
9.1	9892	9.1	9784	9.1	10099
12.1	9479	15.2	9301	12.1	9525
18.2	9345	18.2	9146	90.9	8474
21.2	9083	90.9	8128	100.0	7992
90.9	8106	100.0	7992		
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	27213	0.0	31718	0.0	38181
3.0	25514	3.0	27434	3.0	35164
9.1	10344	12.1	25514	6.1	32386
12.1	9092	18.2	23729	9.1	29827
90.9	8524	21.2	20524	12.1	27470
100.0	7992	24.2	10683	18.2	25300
		27.3	9240	24.2	23301
		90.9	8593	30.3	21460
		100.0	7992	33.3	18202
				36.4	15439
				39.4	11108
				42.4	9422
				90.9	8678
				100.0	7992

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

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	38639	0.0	39777
6.1	33903	6.1	35563	3.0	36555
12.1	31287	9.1	32733	6.1	30873
18.2	28874	12.1	30128	9.1	28373
21.2	26646	18.2	27730	15.2	26074
33.3	24591	33.3	25523	33.3	23963
39.4	22694	39.4	23491	42.4	22022
42.4	19328	57.6	21622	57.6	20238
48.5	17837	69.7	19901	72.7	17092
51.5	14019	72.7	9434	75.8	9463
57.6	9384	90.9	8683	90.9	8696
90.9	8660	100.0	7992	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	41887	0.0	41449
9.1	32080	9.1	32247	3.0	38010
12.1	26965	12.1	27087	6.1	31963
15.2	24721	15.2	24825	9.1	26878
27.3	22664	27.3	22752	15.2	24647
45.5	20779	39.4	20853	27.3	22602
63.6	19050	57.6	19112	36.4	20726
72.7	17465	66.7	17516	42.4	19006
75.8	16012	78.8	16054	48.5	17429
78.8	14680	90.9	13485	51.5	15983
87.9	13459	93.9	9514	57.6	14656
90.9	11312	97.0	8720	75.8	13440
93.9	9508	100.0	7992	81.8	12325
97.0	8717			87.9	11302
100.0	7992			93.9	9504
				97.0	8715
				100.0	7992

TABLE 23 (Continued)

FLOW-DURATION DATA AT GOLD CREEK FOR STAGE II,

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	32822	0.0	28972
3.0	30470	3.0	23148
9.1	24378	6.1	21479
15.2	21010	12.1	19931
18.2	19504	18.2	18494
33.3	18107	21.2	17161
39.4	16809	30.3	15924
45.5	15605	39.4	14776
48.5	14487	54.5	13711
51.5	13449	60.6	12723
60.6	12485	63.6	11806
69.7	11591	72.7	10165
78.8	10760	78.8	9432
84.8	9989	87.9	8753
87.9	8609	93.9	7536
100.0	7992	100.0	6993

WEEK=51 (16 SEP-22 SEP)		WEEK=52 (23 SEP-30 SEP)		
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (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
75.8	9594	54.5	9667	11048
81.8	8202	66.7	9029	10319
84.8	7583	69.7	8433	9638
90.9	7012	75.8	6871	7853
93.9	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 24

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	18752
3.0	30034	3.0	24143	3.0	17631
6.1	28557	6.1	23023	9.1	17096
9.1	27153	12.1	20937	15.2	16578
15.2	23342	15.2	19966	18.2	16075
21.2	22194	30.3	19039	24.2	15587
30.3	21103	36.4	17314	30.3	15114
42.4	20065	45.5	16511	45.5	14656
45.5	19079	51.5	15745	48.5	14211
54.5	18141	72.7	15015	60.6	13780
60.6	17249	75.8	14318	72.7	13362
78.8	15594	81.8	13654	75.8	12957
87.9	14828	93.9	12417	81.8	12564
90.9	14099	97.0	11841	87.9	11813
97.0	13405	100.0	11292	90.9	11455
100.0	12746			97.0	10770
				100.0	10444

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	18356	0.0	14961	0.0	14129
3.0	16272	3.0	14382	6.1	13525
6.1	15016	9.1	13826	18.2	12947
15.2	14425	18.2	13291	33.3	12393
30.3	13857	36.4	12776	60.6	11863
54.5	13311	54.5	12282	63.6	11356
63.6	12787	63.6	11807	69.7	10871
66.7	12283	66.7	11350	90.9	10406
75.8	11800	81.8	10911	97.0	6435
84.8	11335	90.9	10489	100.0	6160
93.9	10889	97.0	7353		
97.0	8907	100.0	7069		
100.0	8556				

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	13637	0.0	13011	0.0	13029
9.1	13014	12.1	12419	15.2	12407
15.2	12419	27.3	11854	33.3	11815
39.4	11852	51.5	11314	54.5	11251
63.6	11311	75.8	10799	87.9	10715
75.8	10794	93.9	10308	97.0	5404
84.8	10301	97.0	5626	100.0	5146
97.0	5878	100.0	5370		
100.0	5609				

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	13395	0.0	13071	0.0	12293
9.1	12576	12.1	12280	21.2	11677
36.4	11806	57.6	11536	78.8	11091
72.7	11083	87.9	10837	84.8	10534
97.0	4298	97.0	4246	97.0	4868
100.0	4035	100.0	3989	100.0	4623

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	11763	0.0	12092	0.0	11433
15.2	11456	3.0	11403	3.0	11132
27.3	11158	9.1	11073	9.1	10839
42.4	10867	24.2	10753	33.3	10553
75.8	10584	45.5	10442	57.6	10275
78.8	10308	75.8	10140	78.8	10004
84.8	10040	81.8	9847	87.9	9740
93.9	9778	90.9	9563	93.9	9484
97.0	7313	93.9	9286	97.0	7069
100.0	7123	97.0	7131	100.0	6883
		100.0	6925		
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	11067	0.0	11036	0.0	10976
12.1	10794	9.1	10765	3.0	10709
24.2	10527	18.2	10501	12.1	10449
57.6	10268	60.6	10243	45.5	10194
72.7	10014	69.7	9992	63.6	9947
81.8	9767	84.8	9746	78.8	9705
93.9	9526	93.9	9507	87.9	8794
97.0	7057	97.0	7055	90.9	8168
100.0	6883	100.0	6882	93.9	7970
				97.0	7046
				100.0	6875

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	10966	0.0	11254	0.0	11042
3.0	10700	3.0	10396	3.0	10482
6.1	10441	30.3	10125	12.1	10213
30.3	10189	42.4	9861	30.3	9951
57.6	9942	54.5	9603	39.4	9696
72.7	9701	63.6	8640	42.4	8738
81.8	8795	69.7	8414	45.5	8514
87.9	8582	87.9	8195	63.6	8295
90.9	8172	93.9	7773	78.8	8082
93.9	7974	97.0	6993	87.9	7875
97.0	7054	100.0	6810	97.0	6915
100.0	6883			100.0	6737

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	10411	0.0	9892	0.0	9778
3.0	10171	3.0	9672	3.0	9554
18.2	9937	15.2	9457	9.1	9335
24.2	8844	21.2	8451	24.2	8315
27.3	8441	24.2	8263	27.3	7939
45.5	8246	33.3	8079	36.4	7757
69.7	8056	42.4	7899	57.6	7580
84.8	7870	63.6	7724	72.7	7407
93.9	7689	75.8	7552	84.8	7237
97.0	6843	93.9	7384	97.0	6446
100.0	6685	97.0	6598	100.0	6299
		100.0	6452		

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	9409	0.0	9164	0.0	9884
6.1	9200	15.2	8964	3.0	9364
9.1	8995	27.3	8768	12.1	9115
21.2	8795	30.3	8577	27.3	8872
24.2	8408	36.4	8206	36.4	8636
27.3	7859	39.4	7512	42.4	8406
33.3	7684	48.5	7348	45.5	7752
42.4	7513	72.7	7188	48.5	7546
57.6	7346	75.8	7031	57.6	7345
69.7	7183	87.9	6877	69.7	7149
87.9	7023	97.0	6158	81.8	6959
97.0	6276	100.0	6024	93.9	6773
100.0	6136			97.0	6080
				100.0	5918

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	9835	0.0	9855	0.0	10805
3.0	9323	6.1	9362	6.1	10223
9.1	9077	12.1	9126	9.1	9945
15.2	8838	18.2	8895	15.2	9673
27.3	8605	30.3	8450	21.2	9409
39.4	8378	48.5	8028	27.3	9153
42.4	7942	51.5	7825	30.3	8660
45.5	7528	54.5	7627	39.4	8424
54.5	7330	60.6	7434	42.4	8194
63.6	7137	63.6	7246	60.6	7971
66.7	6948	72.7	7063	63.6	7336
90.9	6765	75.8	6884	69.7	7136
97.0	6079	84.8	6710	72.7	6941
100.0	5919	97.0	6213	87.9	6752
		100.0	6056	93.9	6568
				100.0	6389

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	19002	0.0	30549	0.0	41995
3.0	16179	6.1	28352	3.0	36052
6.1	15335	9.1	26314	6.1	30950
9.1	13776	12.1	22666	12.1	28677
12.1	11729	15.2	21037	15.2	26570
27.3	11117	18.2	19524	27.3	24619
33.3	10537	27.3	16818	42.4	22810
39.4	9987	30.3	15608	48.5	21135
57.6	8971	36.4	14486	57.6	19582
66.7	8503	48.5	13445	60.6	18144
75.8	8059	54.5	12478	69.7	16811
84.8	7639	66.7	11581	75.8	15576
93.9	7240	69.7	10748	81.8	14432
100.0	6862	78.8	9976	84.8	13372
		84.8	9258	90.9	12390
		97.0	7975	97.0	10636
		100.0	7402	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	51913	0.0	48001	0.0	93784
3.0	48389	9.1	45691	3.0	65139
6.1	45104	24.2	43493	6.1	60560
9.1	36529	27.3	41400	9.1	52344
12.1	34049	30.3	39408	12.1	48664
21.2	31738	39.4	37512	27.3	45243
24.2	29584	45.5	35707	36.4	42062
36.4	27575	57.6	33989	39.4	39105
54.5	25704	63.6	32354	45.5	36356
72.7	23959	66.7	30797	66.7	33800
75.8	22332	69.7	27905	78.8	31424
78.8	18086	75.8	26562	90.9	29215
87.9	16859	78.8	25284	97.0	25252
90.9	15714	81.8	24067	100.0	23477
97.0	14648	84.8	22909		
100.0	13653	90.9	21807		
		93.9	20758		
		97.0	19759		
		100.0	18808		

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	78870	0.0	74611	0.0	76677
6.1	67405	3.0	65937	6.1	66428
9.1	63967	6.1	63276	9.1	64087
12.1	60704	9.1	58272	12.1	59651
18.2	57607	12.1	55920	15.2	57549
21.2	54668	15.2	53663	18.2	51678
27.3	51879	18.2	51497	27.3	49857
30.3	49233	27.3	49419	45.5	48100
39.4	46721	36.4	47425	54.5	46405
42.4	44338	42.4	45511	69.7	44770
63.6	39930	51.5	43674	75.8	43193
75.8	37893	69.7	41911	81.8	41671
78.8	35960	72.7	40220	87.9	40203
84.8	34125	78.8	37039	100.0	38786
90.9	32385	81.8	35544		
97.0	30733	100.0	34110		
100.0	29165				
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	64864	0.0	82697	0.0	93650
9.1	55627	6.1	76163	3.0	89029
18.2	53944	12.1	73092	6.1	80461
24.2	52312	18.2	70145	9.1	76492
30.3	50729	21.2	67317	21.2	72718
33.3	49194	24.2	64603	24.2	69130
36.4	47706	27.3	61998	27.3	65720
45.5	46262	30.3	59499	33.3	62477
57.6	44862	33.3	54798	36.4	59395
69.7	43505	39.4	52588	45.5	56465
78.8	42189	45.5	50468	51.5	53679
90.9	40912	57.6	46480	57.6	51031
93.9	39674	63.6	44606	63.6	48513
97.0	37310	81.8	42808	69.7	46119
100.0	36181	93.9	41082	78.8	43844
		97.0	39426	81.8	41681
		100.0	37836	87.9	39625
				93.9	37670
				100.0	35811

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

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	92121	0.0	106394
6.1	85997	6.1	87245	3.0	88203
9.1	77528	9.1	78254	6.1	82858
15.2	73612	12.1	74112	9.1	77838
24.2	69893	24.2	70189	12.1	73122
27.3	66363	36.4	62955	18.2	68692
36.4	63011	45.5	59623	27.3	64530
42.4	59828	63.6	56467	39.4	60620
48.5	56806	78.8	50648	42.4	56947
51.5	51212	81.8	47967	57.6	53496
72.7	48625	84.8	45428	72.7	50255
75.8	46169	87.9	40746	84.8	47210
78.8	43836	93.9	36547	87.9	44350
81.8	41622	97.0	34612	90.9	41663
87.9	39520	100.0	32780	97.0	34539
90.9	37523			100.0	32447
97.0	35628				
100.0	33828				

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	120995	0.0	108782	0.0	85959
3.0	100498	3.0	99054	3.0	67570
6.1	91591	6.1	82130	9.1	57552
9.1	83474	9.1	74786	27.3	53115
12.1	76075	12.1	68098	33.3	49020
15.2	69333	24.2	62008	36.4	45240
24.2	63188	30.3	56463	48.5	41752
33.3	57588	51.5	51414	63.6	38533
54.5	52484	66.7	46816	75.8	35562
69.7	47832	75.8	42630	87.9	32820
84.8	43593	90.9	38818	97.0	20280
90.9	39729	93.9	32186	100.0	18716
93.9	32999	97.0	20148		
97.0	22766	100.0	18347		
100.0	20748				

TABLE 24 (Continued)

FLOW-DURATION DATA AT SUNSHINE FOR STAGE II,

WEEK=49 (2 SEP- 8 SEP)		WEEK=50 (9 SEP-15 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	61372	0.0	56593
9.1	54482	3.0	53110
12.1	51332	12.1	49842
18.2	48365	15.2	46775
24.2	45569	24.2	43896
33.3	40452	30.3	38660
36.4	38114	39.4	36281
48.5	35910	48.5	34048
60.6	33834	57.6	31953
75.8	31878	66.7	29987
78.8	30035	72.7	28142
81.8	28299	78.8	26410
87.9	25122	81.8	24785
93.9	22301	87.9	23259
97.0	21012	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 <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (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
60.6	26428	75.8	20746	23710
66.7	24195	81.8	18909	21611
75.8	22151	84.8	17235	19697
90.9	18565	90.9	14318	16364
97.0	15561	93.9	13051	14915
100.0	14246	100.0	11895	13594

^{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 25

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	68703	0.0	83984	0.0	56568
12.1	60317	3.0	70652	12.1	46665
18.2	56516	6.1	59437	15.2	43766
21.2	52954	9.1	54516	18.2	38496
24.2	49617	12.1	50002	21.2	36105
30.3	46491	27.3	45862	36.4	33861
42.4	43561	30.3	42065	48.5	31758
45.5	40816	42.4	38582	69.7	29784
51.5	35834	57.6	35387	72.7	27934
57.6	33576	72.7	32457	75.8	26198
63.6	31460	78.8	29770	81.8	24571
81.8	29477	81.8	27305	90.9	23044
87.9	27620	87.9	25044	93.9	21612
90.9	25879	90.9	22971	97.0	17829
93.9	24248	93.9	17724	100.0	16721
97.0	21289	100.0	16257		
100.0	19947				

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	48072	0.0	41977	0.0	42313
6.1	45123	3.0	37280	3.0	34540
9.1	42354	6.1	33109	6.1	30169
18.2	37316	9.1	31202	9.1	28195
24.2	35026	15.2	29405	18.2	26351
27.3	32877	24.2	27711	27.3	24627
33.3	30860	36.4	26115	48.5	23016
36.4	28967	45.5	24610	54.5	21510
51.5	27189	54.5	23193	63.6	20103
60.6	25521	63.6	21857	78.8	18788
75.8	23955	72.7	20598	84.8	17559
84.8	21106	81.8	18293	90.9	15337
90.9	18595	84.8	17239	93.9	14333
97.0	15378	97.0	14429	97.0	12519
100.0	14435	100.0	13597	100.0	11700

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	40263	0.0	27161	0.0	25991
3.0	28594	3.0	24352	3.0	24700
6.1	26702	9.1	23058	6.1	23473
12.1	24935	12.1	21833	12.1	22307
27.3	23286	18.2	20673	18.2	21199
30.3	21745	27.3	19575	24.2	20147
36.4	20307	48.5	17550	33.3	19146
51.5	18963	66.7	16618	54.5	18195
63.6	17708	78.8	15735	63.6	17291
75.8	16537	84.8	14899	75.8	16432
87.9	15443	90.9	14108	78.8	15616
93.9	14421	97.0	10168	84.8	14841
97.0	11744	100.0	9627	90.9	14104
100.0	10967			97.0	10389
				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	23629	0.0	22008	0.0	19862
3.0	22134	3.0	20699	6.1	18836
6.1	20734	9.1	19468	15.2	17863
9.1	19422	21.2	18311	24.2	16941
24.2	18194	27.3	17222	45.5	16066
45.5	17043	54.5	16198	66.7	15236
60.6	15965	72.7	15235	75.8	14449
75.8	14955	78.8	14329	81.8	13703
87.9	14009	97.0	7300	97.0	7647
97.0	7288	100.0	6866	100.0	7252
100.0	6827				

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	18490	0.0	17914	0.0	16818
6.1	17877	6.1	16937	6.1	16077
9.1	17285	9.1	16468	12.1	15718
12.1	16713	18.2	16013	27.3	15368
21.2	16159	33.3	15570	39.4	15025
36.4	15624	48.5	15140	54.5	14690
54.5	15107	57.6	14721	72.7	14363
66.7	14606	75.8	14314	78.8	14043
75.8	14122	78.8	13918	81.8	13730
81.8	13655	81.8	13533	90.9	13424
90.9	13203	90.9	13159	93.9	12832
97.0	10084	93.9	12441	97.0	11209
100.0	9750	97.0	10814	100.0	10959
		100.0	10514		

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	16404	0.0	16052	0.0	16524
3.0	16082	6.1	15734	3.0	16188
6.1	15765	9.1	15423	6.1	15537
12.1	15455	27.3	15117	12.1	15221
18.2	15151	33.3	14818	15.2	14912
42.4	14853	54.5	14525	33.3	14609
66.7	14561	66.7	14237	42.4	14312
69.7	14275	78.8	13955	63.6	14021
81.8	13994	84.8	13679	69.7	13736
90.9	13449	93.9	13408	81.8	13457
97.0	11472	97.0	11200	93.9	12916
100.0	11247	100.0	10978	97.0	11419
				100.0	11187

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	16040	0.0	16227	0.0	16580
6.1	15752	3.0	15893	3.0	15855
9.1	15468	6.1	15565	6.1	15505
15.2	15190	9.1	15244	12.1	14828
30.3	14917	15.2	14930	15.2	14501
39.4	14649	21.2	14321	21.2	14180
42.4	14385	24.2	14025	30.3	13867
48.5	14127	45.5	13736	42.4	13561
60.6	13873	57.6	13453	54.5	12969
72.7	13623	69.7	13176	63.6	12402
78.8	13378	81.8	12904	69.7	12128
87.9	13138	84.8	12638	78.8	11861
90.9	12670	87.9	12122	81.8	11599
93.9	12442	93.9	11872	93.9	11092
97.0	11571	97.0	11153	100.0	10847
100.0	11363	100.0	10923		

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	15862	0.0	15203	0.0	15249
3.0	15529	3.0	14893	3.0	13946
6.1	14885	6.1	14000	6.1	13638
9.1	14268	9.1	13715	9.1	13042
12.1	13676	12.1	13161	12.1	12754
21.2	13389	15.2	12893	18.2	12472
24.2	13109	18.2	12630	21.2	12197
27.3	12834	24.2	12372	27.3	11928
48.5	12565	33.3	12120	33.3	11664
51.5	12302	45.5	11873	45.5	11407
57.6	12044	54.5	11630	60.6	11155
69.7	11791	66.7	11393	75.8	10908
72.7	11544	75.8	11161	78.8	10667
87.9	11302	78.8	10933	81.8	10432
90.9	10833	87.9	10710	97.0	10201
100.0	10606	90.9	10492	100.0	9976
		100.0	10278		

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	14592	0.0	14762	0.0	15393
3.0	13686	3.0	14088	3.0	14206
6.1	12564	6.1	13446	6.1	13466
15.2	12299	9.1	13136	9.1	13111
18.2	12039	15.2	12536	15.2	12765
27.3	11784	18.2	12247	18.2	12428
33.3	11535	27.3	11964	30.3	12100
39.4	11291	33.3	11688	33.3	11780
48.5	11052	39.4	11419	39.4	11469
63.6	10590	45.5	11155	42.4	11167
69.7	10366	51.5	10898	48.5	10872
84.8	10147	63.6	10646	66.7	10585
90.9	9932	69.7	10401	72.7	10306
100.0	9722	75.8	10161	84.8	10033
		84.8	9926	93.9	9769
		93.9	9697	97.0	9511
		100.0	9474	100.0	9260

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	15945	0.0	17367	0.0	22532
3.0	13538	3.0	15416	3.0	19416
15.2	12680	6.1	14239	6.1	18477
18.2	12272	12.1	13684	9.1	15922
27.3	11877	18.2	13151	15.2	15152
33.3	11494	21.2	12639	30.3	13721
42.4	11124	24.2	12147	36.4	13057
48.5	10766	36.4	11674	48.5	12425
60.6	10419	51.5	11219	54.5	11824
66.7	10084	63.6	10782	66.7	11252
87.9	9759	66.7	10362	75.8	10707
93.9	9141	78.8	9959	81.8	10189
97.0	8846	84.8	9571	90.9	9696
100.0	8561	90.9	9198	93.9	9227
		93.9	8840	100.0	8780
		97.0	8496		
		100.0	8165		

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	47814	0.0	92392	0.0	84661
6.1	43110	6.1	82238	12.1	79094
9.1	38868	9.1	73199	15.2	73892
12.1	35044	21.2	65154	21.2	69033
18.2	31596	24.2	57994	24.2	64494
21.2	28487	30.3	51620	33.3	60253
30.3	25685	33.3	45946	36.4	56290
39.4	23157	39.4	40897	51.5	52589
48.5	18825	48.5	32401	60.6	49131
54.5	16973	57.6	28840	72.7	45900
60.6	15303	63.6	25670	78.8	42882
63.6	13797	66.7	22849	81.8	40062
72.7	12440	75.8	20338	87.9	37427
81.8	11216	84.8	18102	90.9	34966
87.9	10112	90.9	14342	93.9	28512
90.9	9117	97.0	11363	97.0	24885
97.0	7412	100.0	10114	100.0	23249
100.0	6682				

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	82767	0.0	112509	0.0	132319
15.2	74827	6.1	104100	6.1	125209
18.2	71148	18.2	96320	9.1	118481
27.3	67649	24.2	89122	15.2	112114
42.4	64323	27.3	82461	21.2	106090
45.5	61160	45.5	76299	30.3	100389
57.6	58152	51.5	70596	36.4	94995
69.7	55293	60.6	65320	45.5	89891
75.8	52574	66.7	60439	60.6	85061
90.9	49989	78.8	55922	63.6	80490
93.9	47531	81.8	51742	66.7	76165
97.0	33395	93.9	44297	81.8	68200
100.0	31753	97.0	27796	84.8	64535
		100.0	25718	87.9	61067
				93.9	57786
				97.0	48963
				100.0	46332

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	144413	0.0	143487	0.0	151700
6.1	134719	3.0	130555	3.0	146371
9.1	125676	6.1	124533	6.1	131480
12.1	109370	12.1	118789	9.1	126861
24.2	102029	18.2	113310	12.1	122404
30.3	95180	21.2	108083	27.3	118104
39.4	88791	30.3	103098	36.4	113954
45.5	82831	36.4	98343	39.4	109951
66.7	77271	48.5	93806	57.6	106088
69.7	72084	63.6	89480	72.7	102361
81.8	67246	75.8	85352	78.8	98765
87.9	62732	78.8	81415	84.8	95295
93.9	58521	84.8	77660	90.9	91948
97.0	41346	87.9	70661	93.9	88717
100.0	38570	97.0	61327	97.0	79692
		100.0	58498	100.0	76892

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	167331	0.0	190762
3.0	141582	3.0	154631	3.0	182168
9.1	137229	6.1	148647	6.1	166125
12.1	133009	24.2	142895	12.1	151494
15.2	124955	33.3	132049	18.2	144670
24.2	121113	39.4	122027	24.2	138152
30.3	117389	48.5	117305	27.3	131929
33.3	113780	51.5	112766	39.4	125985
48.5	110281	63.6	108402	45.5	120310
54.5	106890	69.7	104207	48.5	114890
57.6	103604	72.7	100174	63.6	109714
69.7	100418	78.8	96298	75.8	104772
72.7	97330	84.8	92571	78.8	95544
75.8	94338	93.9	88989	84.8	91240
78.8	91437	97.0	82235	87.9	83205
87.9	88626	100.0	79053	100.0	79456
93.9	85901				
97.0	83259				
100.0	80699				

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	176133	0.0	162877
6.1	172642	6.1	169219	6.1	152498
9.1	157311	9.1	162575	9.1	147559
18.2	136829	12.1	138510	12.1	142780
27.3	130612	21.2	133072	18.2	138156
36.4	124678	30.3	127848	27.3	133682
42.4	119014	45.5	122829	33.3	125163
54.5	113606	48.5	118007	39.4	121109
57.6	108445	54.5	113374	45.5	117187
66.7	103518	69.7	108923	54.5	113392
69.7	98815	72.7	104647	66.7	109719
72.7	94325	81.8	100539	78.8	106166
84.8	90040	87.9	96592	84.8	102728
90.9	82044	90.9	85656	93.9	90052
93.9	78316	100.0	82294	100.0	87136
100.0	74758				
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	200062	0.0	136453	0.0	120084
3.0	189513	12.1	124531	3.0	110812
6.1	144546	18.2	118967	9.1	106448
12.1	136924	21.2	113651	12.1	102255
27.3	129703	27.3	108573	15.2	98228
33.3	122864	39.4	103722	24.2	90643
39.4	116385	51.5	99087	33.3	87073
51.5	110248	63.6	94660	51.5	83644
57.6	104435	69.7	90431	60.6	80350
75.8	98928	78.8	86390	66.7	77185
84.8	93711	87.9	82530	69.7	74145
87.9	84089	93.9	75319	72.7	71225
90.9	79655	97.0	59930	78.8	68420
97.0	75454	100.0	57253	90.9	65725
100.0	71475			93.9	63137
				97.0	58262
				100.0	55967

TABLE 25 (Continued)

FLOW-DURATION DATA AT SUSITNA STATION FOR STAGE II,

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	76720	30.3	78791
42.4	73325	33.3	74834
48.5	70081	42.4	71076
54.5	66980	48.5	67506
66.7	64016	57.6	64116
75.8	58477	63.6	57838
78.8	55889	72.7	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 <u>1/</u> (CFS)	DISCHARGE <u>2/</u> (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
72.7	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	28987	33128
		97.0	26843	30678
		100.0	24858	28409

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.