

SUSITNA HYDROELECTRIC PROJECT

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

Report by

Harza-Ebasco Susitna Joint Venture

Prepared for

Alaska Power Authority

**UNIVERSITY OF ALASKA
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Draft Report

June 1984

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1.0 SUMMARY

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

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

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

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

1/ Indicates reference at the end of text.

2.0 STREAMFLOW GENERATION

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

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

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

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

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

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

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

3.0 WEEKLY FLOW WITH-PROJECT CONDITIONS

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

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

- a. For the energy demand of 1996:

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

- b. For the energy demand of 2020:

$$QW_I = QN_I + OW_D - ON_D$$

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

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

QW_W = With-project weekly outflows at Watana damsite

QN_W = Natural weekly flows at Watana damsite

QW_D = With-project weekly outflows at Devil Canyon damsite

QN_D = Natural weekly flows at Devil Canyon damsite

4.0 FLOW DURATION CURVES

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

REFERENCES

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

TABLE 1

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1950 | 12856. | 5740. | 4200. | 3800. | 3343. | 2986. | 2514. | 2471. | 1700. | 1700. |
| | 1586. | 1314. | 1129. | 1014. | 979. | 986. | 1100. | 1100. | 971. | 686. |
| | 629. | 710. | 711. | 666. | 720. | 801. | 774. | 783. | 849. | 1009. |
| | 2314. | 8007. | 13671. | 14200. | 17914. | 17100. | 16571. | 26171. | 19343. | 19057. |
| | 21229. | 23214. | 25243. | 25100. | 23129. | 21157. | 17443. | 13171. | 9263. | 10500. |
| | | | 7100. | 7186. | | | | | | |
| 1951 | 5257. | 4686. | 4091. | 2334. | 1471. | 1386. | 1300. | 1229. | 1171. | 1100. |
| | 1100. | 1100. | 1100. | 980. | 960. | 960. | 960. | 900. | 820. | 820. |
| | 820. | 786. | 740. | 740. | 740. | 740. | 774. | 997. | 1529. | 2657. |
| | 6157. | 17329. | 19271. | 9567. | 16671. | 29543. | 21300. | 13543. | 19071. | 20729. |
| | 24343. | 23286. | 21414. | 21429. | 17614. | 18714. | 18314. | 25600. | 30057. | 18671. |
| | 19286. | 18657. | | | | | | | | |
| 1952 | 9229. | 6171. | 4486. | 3486. | 3500. | 3204. | 2369. | 2343. | 2186. | 1900. |
| | 1900. | 1900. | 1900. | 1643. | 1600. | 1600. | 1600. | 1343. | 1000. | 1000. |
| | 1000. | 949. | 880. | 880. | 880. | 880. | 920. | 920. | 920. | 920. |
| | 1191. | 1514. | 2071. | 4486. | 21929. | 24814. | 35143. | 38114. | 33729. | 27629. |
| | 19629. | 25086. | 27186. | 37243. | 25071. | 19686. | 14943. | 17329. | 18886. | 12771. |
| | 11029. | 15086. | | | | | | | | |
| 1953 | 11143. | 10390. | 7233. | 5271. | 5000. | 4257. | 2729. | 3343. | 2429. | 1700. |
| | 1700. | 1700. | 1700. | 1186. | 1100. | 1100. | 1100. | 980. | 820. | 820. |
| | 820. | 820. | 820. | 820. | 820. | 820. | 930. | 930. | 1504. | 2500. |
| | 14129. | 16814. | 15300. | 26386. | 20743. | 35114. | 27114. | 22071. | 25829. | 20229. |
| | 18271. | 19871. | 20657. | 25643. | 21857. | 17514. | 18029. | 21500. | 18786. | 17114. |
| | 14271. | 12426. | | | | | | | | |
| 1954 | 8119. | 6733. | 4940. | 3937. | 2401. | 2271. | 2100. | 1957. | 1786. | 1500. |
| | 1500. | 1500. | 1500. | 1329. | 1300. | 1300. | 1300. | 1171. | 1000. | 1000. |
| | 1000. | 906. | 780. | 780. | 780. | 780. | 870. | 870. | 1496. | 1600. |
| | 6743. | 12286. | 19900. | 22814. | 21571. | 25457. | 24457. | 23457. | 28514. | 24486. |
| | 19529. | 19000. | 19000. | 31143. | 24000. | 24000. | 24000. | 23000. | 16286. | 14000. |
| | 13057. | 9581. | | | | | | | | |
| 1955 | 6500. | 6109. | 4600. | 4600. | 3686. | 3000. | 2829. | 2500. | 2414. | 2200. |
| | 2157. | 1900. | 1900. | 1986. | 2000. | 1714. | 1600. | 1514. | 1400. | 1400. |
| | 1400. | 1271. | 1100. | 1100. | 1100. | 1100. | 1200. | 1200. | 1200. | 1200. |
| | 3557. | 4500. | 5257. | 15743. | 17429. | 20329. | 33143. | 35957. | 33671. | 34186. |
| | 28557. | 22043. | 26357. | 22614. | 20900. | 21443. | 26071. | 37243. | 19671. | 15029. |
| | 12214. | 10993. | | | | | | | | |
| 1956 | 7236. | 5327. | 4339. | 3737. | 2486. | 2100. | 1929. | 1700. | 1586. | 1300. |
| | 1300. | 1300. | 1300. | 1026. | 980. | 980. | 980. | 976. | 970. | 970. |
| | 970. | 957. | 940. | 940. | 940. | 940. | 950. | 950. | 950. | 950. |
| | 2514. | 11400. | 16271. | 32371. | 21686. | 33457. | 43543. | 31971. | 28186. | 29057. |
| | 31686. | 32000. | 31229. | 31429. | 28771. | 26000. | 20729. | 17714. | 16000. | 22429. |
| | 21857. | 16000. | | | | | | | | |

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

TABLE 1 (Continued)

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

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

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

TABLE 1 (Continued)

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

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

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

TABLE 1 (Continued)

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

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

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

TABLE 1 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1978 | 8829. | 8957. | 7871. | 5871. | 4486. | 3829. | 3450. | 3200. | 2964. | 2757. |
| | 2636. | 2557. | 2364. | 2236. | 2107. | 2000. | 1921. | 1807. | 1700. | 1650. |
| | 1650. | 1600. | 1600. | 1600. | 1621. | 1650. | 1650. | 1650. | 1650. | 1743. |
| | 3643. | 12557. | 17143. | 11600. | 12371. | 15386. | 21371. | 18286. | 22786. | 22314. |
| | 20729. | 20957. | 20557. | 20214. | 19114. | 17771. | 14829. | 10686. | 11214. | 10109. |
| | | | | 7599. | 6481. | | | | | |
| 1979 | 5416. | 6069. | 4901. | 3679. | 3577. | 3126. | 2343. | 2057. | 1971. | 1900. |
| | 1729. | 1557. | 1500. | 1457. | 1400. | 1400. | 1400. | 1300. | 1300. | 1300. |
| | 1300. | 1200. | 1200. | 1200. | 1200. | 1200. | 1200. | 1257. | 1386. | 1743. |
| | 2743. | 5143. | 12000. | 19143. | 31671. | 27486. | 23071. | 20829. | 25771. | 26371. |
| | 26086. | 31757. | 32457. | 26514. | 24800. | 20029. | 17057. | 15171. | 9447. | 9203. |
| | 13543. | 12254. | | | | | | | | |
| 1980 | 7890. | 10014. | 7034. | 5197. | 4871. | 4424. | 4929. | 3529. | 3357. | 2743. |
| | 2471. | 2257. | 2043. | 1914. | 1829. | 1729. | 1643. | 1600. | 1529. | 1457. |
| | 1400. | 1400. | 1400. | 1400. | 1400. | 1400. | 1400. | 1400. | 1471. | 2000. |
| | 4143. | 9714. | 13914. | 12443. | 19843. | 32143. | 25329. | 32800. | 28614. | 31343. |
| | 31800. | 33557. | 30143. | 33014. | 23200. | 21929. | 19886. | 14457. | 10570. | 11304. |
| | 19000. | 14186. | | | | | | | | |
| 1981 | 9849. | 8779. | 7303. | 6019. | 4657. | 4211. | 3143. | 3200. | 3200. | 2314. |
| | 1786. | 1679. | 1614. | 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)

TABLE 2

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

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

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

TABLE 2 (Continued)

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

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

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

TABLE 2 (Continued)

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

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

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

TABLE 2 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1978 | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| 1979 | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| 1980 | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| 1981 | 7357. | 6397. | 5313. | 4479. | 3830. | 3543. | 3171. | 2971. | 2743. | 2457. |
| | 2043. | 1800. | 1657. | 1657. | 1643. | 1600. | 1600. | 1557. | 1500. | 1400. |
| | 1371. | 1300. | 1229. | 1200. | 1100. | 1100. | 1000. | 1000. | 1100. | 2014. |
| | 5271. | 10133. | 10280. | 8847. | 16357. | 21457. | 22243. | 22086. | 24614. | 18486. |
| | 36057. | 35229. | 30700. | 36500. | 33486. | 42600. | 25043. | 24700. | 18786. | 11334. |
| | 9760. | 7711. | | | | | | | | |
| | 1982 | 5210. | 4914. | 4629. | 5057. | 3343. | 2857. | 2257. | 1729. | 1443. |
| 1983 | 1214. | 1200. | 1129. | 1100. | 1086. | 1000. | 993. | 950. | 950. | 850. |
| | 829. | 800. | 757. | 750. | 779. | 864. | 979. | 1000. | 1057. | 1171. |
| | 1714. | 4343. | 6143. | 8914. | 10936. | 16714. | 15886. | 18157. | 24014. | 21371. |
| | 23000. | 22400. | 33314. | 27100. | 22743. | 21271. | 17957. | 16871. | 12786. | 15157. |
| | 30529. | 17257. | | | | | | | | |
| 1984 | 8773. | 6057. | 4507. | 3614. | 3143. | 2771. | 2471. | 2257. | 2114. | 1957. |
| | 1829. | 1743. | 1793. | 2079. | 1750. | 1486. | 1286. | 1136. | 1050. | 1000. |
| | 1036. | 1050. | 1050. | 1050. | 1050. | 1050. | 1000. | 1000. | 1143. | 1607. |
| | 2543. | 5014. | 11771. | 11671. | 13714. | 15300. | 14800. | 19986. | 26086. | 26829. |
| | 22857. | 20514. | 19757. | 21557. | 31271. | 22100. | 17929. | 17657. | 16657. | 10686. |
| | 8306. | 7986. | | | | | | | | |

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

TABLE 2 (Continued)

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

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

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

TABLE 3

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

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

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

TABLE 3 (Continued)

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

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

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

TABLE 3 (Continued)

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

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

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

TABLE 3 (Continued)

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

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

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

TABLE 3 (Continued)

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

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

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

TABLE 4

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

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

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

TABLE 4 (Continued)

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

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

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

TABLE 4 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1964 | 6961. | 6884. | 5506. | 3286. | 2266. | 2000. | 1614. | 1100. | 1026. | 840. |
| | 840. | 840. | 951. | 970. | 970. | 970. | 876. | 750. | 750. | 750. |
| | 750. | 686. | 600. | 600. | 600. | 600. | 720. | 720. | 926. | 956. |
| | 989. | 1029. | 1100. | 2471. | 10786. | 30157. | 27171. | 26186. | 24429. | 15957. |
| | 18243. | 16843. | 14114. | 16386. | 12371. | 11714. | 14043. | 10769. | 8276. | 6200. |
| | | | 5300. | 5529. | | | | | | |
| 1965 | 4100. | 6143. | 3726. | 4379. | 2574. | 1971. | 1634. | 1600. | 1514. | 1301. |
| | 1300. | 1300. | 1300. | 974. | 920. | 920. | 920. | 869. | 800. | 800. |
| | 800. | 774. | 740. | 740. | 740. | 740. | 720. | 720. | 806. | 820. |
| | 1391. | 1620. | 5151. | 7800. | 11000. | 15471. | 16400. | 14600. | 21643. | 18643. |
| | 23929. | 20514. | 15057. | 18071. | 15914. | 17457. | 12193. | 6956. | 8121. | 12057. |
| | | | 12920. | 22057. | | | | | | |
| 1966 | 7459. | 4269. | 3100. | 2507. | 1950. | 1800. | 1607. | 1350. | 1293. | 1150. |
| | 1150. | 1150. | 1150. | 1107. | 1100. | 1100. | 1100. | 1100. | 1100. | 1100. |
| | 1100. | 1100. | 1101. | 1100. | 1100. | 1100. | 1200. | 1200. | 1243. | 1500. |
| | 1929. | 2586. | 2900. | 6071. | 8469. | 20243. | 25214. | 20400. | 15457. | 11863. |
| | 11920. | 14157. | 18657. | 13557. | 27057. | 13011. | 17943. | 13071. | 8654. | 9493. |
| | | | 12586. | 9574. | | | | | | |
| 1967 | 9809. | 6753. | 4746. | 2500. | 1686. | 1400. | 1400. | 1400. | 1257. | 901. |
| | 900. | 900. | 900. | 746. | 720. | 720. | 720. | 690. | 650. | 650. |
| | 650. | 650. | 650. | 650. | 650. | 650. | 780. | 780. | 780. | 780. |
| | 1080. | 1200. | 1543. | 1886. | 4314. | 11066. | 15757. | 17143. | 16029. | 13629. |
| | 16114. | 15814. | 14100. | 14429. | 16814. | 20386. | 13700. | 11829. | 13429. | 9786. |
| | | | 8429. | 7429. | | | | | | |
| 1968 | 4829. | 4567. | 4387. | 2343. | 1900. | 1686. | 1543. | 1443. | 1329. | 1271. |
| | 1200. | 1129. | 1100. | 957. | 1014. | 1000. | 1000. | 1000. | 1000. | 1000. |
| | 1000. | 979. | 950. | 950. | 950. | 950. | 950. | 950. | 1100. | 1814. |
| | 3571. | 7857. | 13143. | 19000. | 22457. | 19543. | 25143. | 21857. | 16843. | 18500. |
| | 19143. | 15243. | 16871. | 15129. | 15300. | 9837. | 11439. | 6304. | 5150. | 4949. |
| | | | 2717. | 2961. | | | | | | |
| 1969 | 3133. | 2829. | 1447. | 814. | 736. | 700. | 679. | 650. | 650. | 650. |
| | 643. | 600. | 600. | 600. | 600. | 600. | 600. | 600. | 600. | 600. |
| | 600. | 600. | 600. | 614. | 650. | 650. | 771. | 1029. | 1443. | 2243. |
| | 4043. | 7836. | 9296. | 16714. | 15857. | 14857. | 19729. | 23486. | 22000. | 19271. |
| | 15800. | 11931. | 9884. | 9519. | 12743. | 6086. | 4486. | 4486. | 4644. | 4321. |
| | | | 3736. | 3750. | | | | | | |
| 1970 | 5466. | 10314. | 6440. | 2119. | 2894. | 1746. | 1243. | 1029. | 936. | 871. |
| | 843. | 800. | 800. | 786. | 750. | 750. | 729. | 700. | 700. | 700. |
| | 700. | 679. | 650. | 650. | 650. | 650. | 650. | 650. | 657. | 821. |
| | 1943. | 4780. | 12457. | 17186. | 20929. | 23986. | 23143. | 20714. | 23986. | 25814. |
| | 21214. | 18714. | 18786. | 19100. | 12886. | 12357. | 14029. | 9647. | 8757. | 6374. |
| | | | 6483. | 5583. | | | | | | |

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

TABLE 4 (Continued)

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

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

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

TABLE 4 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1978 | 6979. | 7729. | 5647. | 3914. | 3114. | 2614. | 2314. | 2143. | 1929. | 1743. |
| | 1557. | 1429. | 1400. | 1329. | 1257. | 1200. | 1157. | 1057. | 997. | 936. |
| | 900. | 900. | 879. | 850. | 814. | 797. | 774. | 774. | 880. | 1343. |
| | 3414. | 9857. | 10593. | 9616. | 10119. | 11900. | 16686. | 13071. | 14557. | 19157. |
| | 19486. | 18157. | 15729. | 19286. | 18114. | 13500. | 10423. | 8350. | 7810. | 9781. |
| | 7220. | 6050. | | | | | | | | |
| 1979 | 3880. | 6523. | 5783. | 4041. | 3250. | 2180. | 1100. | 1000. | 1286. | 1757. |
| | 1671. | 1514. | 1343. | 1243. | 1200. | 1171. | 1100. | 1100. | 1100. | 1000. |
| | 1000. | 1000. | 1000. | 980. | 977. | 960. | 963. | 1040. | 1300. | 2386. |
| | 5429. | 10160. | 11057. | 12686. | 18486. | 16486. | 15143. | 13743. | 13829. | 16986. |
| | 14800. | 16643. | 15771. | 14543. | 16971. | 23957. | 13529. | 9531. | 5400. | 6649. |
| | 8330. | 10683. | | | | | | | | |
| 1980 | 6657. | 13196. | 6357. | 3881. | 4644. | 6443. | 4396. | 2643. | 2671. | 2429. |
| | 2229. | 2114. | 2014. | 1943. | 1871. | 1771. | 1671. | 1600. | 1743. | 1643. |
| | 1557. | 1457. | 1400. | 1329. | 1300. | 1357. | 1457. | 1564. | 1829. | 2557. |
| | 4659. | 9609. | 11657. | 13557. | 19600. | 21971. | 24386. | 23557. | 27657. | 27014. |
| | 33271. | 29071. | 28543. | 17971. | 17114. | 14857. | 11914. | 9764. | 7813. | 8543. |
| | 9661. | 10371. | | | | | | | | |
| 1981 | 7203. | 6629. | 4964. | 4357. | 3857. | 3186. | 2471. | 2200. | 2143. | 1857. |
| | 1529. | 1264. | 1150. | 1150. | 1150. | 1193. | 1293. | 1500. | 1486. | 1186. |
| | 1150. | 1043. | 949. | 900. | 900. | 921. | 1236. | 1564. | 1993. | 2800. |
| | 9000. | 22429. | 25857. | 23214. | 28986. | 22714. | 19686. | 29586. | 24900. | 15914. |
| | 21029. | 26000. | 23514. | 20229. | 24200. | 18186. | 11371. | 8336. | 10121. | 7180. |
| | 8127. | 6340. | | | | | | | | |
| 1982 | 3896. | 3733. | 5200. | 8429. | 3286. | 2729. | 2314. | 1857. | 1657. | 1571. |
| | 1500. | 1443. | 1400. | 1300. | 1200. | 1143. | 1100. | 1057. | 1000. | 1000. |
| | 979. | 921. | 850. | 793. | 714. | 700. | 700. | 694. | 729. | 879. |
| | 1286. | 3643. | 7100. | 6500. | 6929. | 14357. | 15086. | 15229. | 21686. | 12829. |
| | 14186. | 14229. | 14086. | 13800. | 10857. | 10900. | 9456. | 9244. | 10890. | 11717. |
| | 27729. | 13249. | | | | | | | | |
| 1983 | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |
| | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. | -1. |

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

TABLE 5

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

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

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

TABLE 5 (Continued)

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

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

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

TABLE 5 (Continued)

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

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

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

TABLE 5 (Continued)

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

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

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

TABLE 5 (Continued)

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

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

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

TABLE 5 (Continued)

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

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

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

TABLE 6

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

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

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

TABLE 6 (Continued)

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

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

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

TABLE 6 (Continued)

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

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

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

TABLE 6 (Continued)

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

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

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

TABLE 6 (Continued)

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

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

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

TABLE 7

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

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

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

TABLE 7 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1957 | 7232. | 5325. | 3296. | 2916. | 2915. | 2356. | 2029. | 1971. | 1775. | 1458. |
| | 1560. | 1578. | 1583. | 1347. | 1529. | 1564. | 1643. | 1504. | 1376. | 1219. |
| | 1217. | 1287. | 1245. | 1228. | 1242. | 1304. | 1203. | 1049. | 1201. | 1141. |
| | 2299. | 4316. | 4291. | 8375. | 14426. | 21474. | 23708. | 28545. | 25256. | 26898. |
| | 29751. | 29983. | 26333. | 24723. | 23798. | 26785. | 22352. | 17406. | 11017. | 9843. |
| | | 7776. | 8209. | | | | | | | |
| 1958 | 5543. | 4791. | 3563. | 3746. | 3048. | 3475. | 2461. | 2351. | 2432. | 2153. |
| | 1989. | 1796. | 1553. | 1353. | 1367. | 1196. | 1226. | 1188. | 1147. | 1084. |
| | 1214. | 1330. | 1384. | 1449. | 1362. | 1229. | 1330. | 1234. | 1762. | 2336. |
| | 4923. | 16999. | 27115. | 31776. | 24625. | 20843. | 26750. | 22539. | 25013. | 25180. |
| | 23617. | 26270. | 29843. | 40438. | 36689. | 42503. | 26750. | 21600. | 13714. | 16277. |
| | | 13651. | 14163. | | | | | | | |
| 1959 | 8926. | 6493. | 4799. | 3084. | 2409. | 2235. | 1960. | 1540. | 1356. | 1134. |
| | 1045. | 1363. | 1283. | 1249. | 1349. | 1194. | 1202. | 1242. | 1184. | 950. |
| | 947. | 958. | 920. | 957. | 1052. | 1111. | 1123. | 1215. | 1550. | 2125. |
| | 3128. | 6224. | 15992. | 13254. | 13164. | 14469. | 12170. | 17883. | 23840. | 22915. |
| | 23457. | 25708. | 22033. | 21254. | 20547. | 26094. | 35342. | 26759. | 15540. | 9929. |
| | | 6758. | 5341. | | | | | | | |
| 1960 | 7071. | 5329. | 3286. | 3773. | 3071. | 2357. | 2200. | 2143. | 1957. | 1700. |
| | 1700. | 1700. | 1700. | 1286. | 1500. | 1429. | 1400. | 1314. | 1200. | 1143. |
| | 1000. | 996. | 990. | 959. | 880. | 880. | 900. | 900. | 1071. | 1100. |
| | 2700. | 6914. | 11541. | 21471. | 23971. | 14714. | 16371. | 17457. | 21243. | 23671. |
| | 19500. | 22000. | 26057. | 27860. | 25000. | 20286. | 14000. | 13243. | 7776. | 15126. |
| | | 14571. | 14529. | | | | | | | |
| 1961 | 8797. | 5834. | 3981. | 3014. | 2314. | 2100. | 1971. | 1800. | 1829. | 1900. |
| | 1857. | 1600. | 1600. | 1429. | 1400. | 1471. | 1500. | 1329. | 1100. | 1100. |
| | 1100. | 1036. | 950. | 1021. | 1200. | 1200. | 1500. | 1500. | 1671. | 1700. |
| | 2900. | 8829. | 12714. | 11743. | 12386. | 12343. | 21886. | 25600. | 24643. | 26243. |
| | 23457. | 26586. | 32129. | 30429. | 30857. | 19300. | 26314. | 17329. | 15614. | 22471. |
| | | 14914. | 13469. | | | | | | | |
| 1962 | 10121. | 5790. | 4486. | 3786. | 3000. | 2800. | 2457. | 2000. | 1857. | 1500. |
| | 1500. | 1500. | 1500. | 1329. | 1300. | 1300. | 1300. | 1171. | 1000. | 1000. |
| | 1000. | 970. | 930. | 930. | 930. | 930. | 940. | 940. | 1334. | 1400. |
| | 2686. | 3200. | 6299. | 11550. | 15486. | 13386. | 24471. | 23000. | 23000. | 25000. |
| | 25000. | 26686. | 30000. | 31714. | 20171. | 18529. | 17914. | 26157. | 23200. | 12011. |
| | | 8539. | 10793. | | | | | | | |
| 1963 | 6379. | 3996. | 2424. | 1957. | 1686. | 1600. | 1514. | 1400. | 1429. | 1500. |
| | 1514. | 1600. | 1600. | 1600. | 1600. | 1600. | 1600. | 1471. | 1300. | 1300. |
| | 1300. | 1159. | 970. | 901. | 730. | 730. | 650. | 650. | 736. | 750. |
| | 1714. | 2100. | 10614. | 17000. | 24771. | 15914. | 14843. | 16157. | 22157. | 28914. |
| | 34000. | 32429. | 23000. | 19000. | 16429. | 19000. | 19714. | 19143. | 14000. | 11143. |
| | | 10000. | 11429. | | | | | | | |

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

TABLE 7 (Continued)

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

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

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

TABLE 7 (Continued)

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

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

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

TABLE 7 (Continued)

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

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

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

TABLE 8

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1950 | 3007. | 1794. | 1335. | 1485. | 1446. | 1302. | 1035. | 984. | 774. | 841. |
| | 904. | 769. | 744. | 752. | 615. | 612. | 590. | 534. | 573. | 445. |
| | 372. | 295. | 288. | 289. | 323. | 364. | 392. | 417. | 444. | 546. |
| | 689. | 1410. | 3289. | 3775. | 6735. | 6595. | 6560. | 11800. | 8144. | 8557. |
| | 9996. | 11252. | 12560. | 11627. | 11507. | 9367. | 8231. | 7078. | 6017. | 6241. |
| | 6235. | 4412. | | | | | | | | |
| 1951 | 2679. | 2254. | 1898. | 1249. | 1005. | 803. | 723. | 793. | 888. | 816. |
| | 759. | 576. | 474. | 572. | 612. | 615. | 645. | 650. | 566. | 478. |
| | 462. | 394. | 369. | 381. | 332. | 315. | 314. | 335. | 426. | 641. |
| | 861. | 1718. | 2382. | 2577. | 3060. | 6534. | 7127. | 4051. | 6135. | 7013. |
| | 9304. | 9313. | 8047. | 8681. | 9670. | 8139. | 7061. | 8268. | 8059. | 5625. |
| | 4796. | 6155. | | | | | | | | |
| 1952 | 4012. | 3107. | 2406. | 2208. | 1956. | 1867. | 1579. | 1414. | 1236. | 1078. |
| | 1195. | 1178. | 1079. | 893. | 787. | 733. | 673. | 560. | 502. | 484. |
| | 420. | 330. | 370. | 352. | 346. | 412. | 404. | 351. | 356. | 398. |
| | 491. | 789. | 1443. | 2937. | 12439. | 17064. | 19899. | 18460. | 19675. | 17484. |
| | 14177. | 19085. | 16758. | 18975. | 14479. | 10416. | 8082. | 7818. | 6520. | 4662. |
| | 4898. | 10887. | | | | | | | | |
| 1953 | 7249. | 6884. | 4157. | 2539. | 1935. | 1588. | 1414. | 1593. | 1477. | 1102. |
| | 989. | 961. | 954. | 813. | 687. | 663. | 582. | 486. | 417. | 400. |
| | 369. | 331. | 336. | 326. | 359. | 408. | 438. | 482. | 739. | 1138. |
| | 3806. | 6496. | 6144. | 11842. | 11749. | 15801. | 14082. | 10550. | 10448. | 7556. |
| | 8771. | 8983. | 9617. | 10329. | 8604. | 6557. | 8257. | 8761. | 8760. | 10667. |
| | 8925. | 6669. | | | | | | | | |
| 1954 | 3474. | 2856. | 2541. | 1729. | 861. | 921. | 834. | 803. | 668. | 723. |
| | 681. | 646. | 597. | 577. | 567. | 600. | 499. | 466. | 402. | 391. |
| | 372. | 357. | 307. | 322. | 345. | 396. | 425. | 381. | 487. | 465. |
| | 1299. | 1585. | 3098. | 3050. | 4584. | 6563. | 7846. | 6727. | 8060. | 7256. |
| | 7198. | 7036. | 8740. | 12430. | 13818. | 14585. | 14189. | 9880. | 6739. | 8794. |
| | 9814. | 7662. | | | | | | | | |
| 1955 | 3319. | 3076. | 2837. | 2415. | 2017. | 1506. | 1270. | 1130. | 898. | 832. |
| | 805. | 836. | 714. | 699. | 692. | 566. | 601. | 570. | 526. | 485. |
| | 454. | 430. | 392. | 468. | 473. | 502. | 541. | 489. | 487. | 459. |
| | 816. | 1451. | 2283. | 4363. | 4319. | 7216. | 10120. | 12331. | 14489. | 14473. |
| | 14749. | 13737. | 12337. | 10485. | 10249. | 10607. | 9999. | 8572. | 8582. | 10085. |
| | 7099. | 7800. | | | | | | | | |
| 1956 | 3578. | 2877. | 2040. | 1924. | 1220. | 832. | 825. | 903. | 885. | 720. |
| | 643. | 580. | 600. | 597. | 594. | 538. | 510. | 514. | 477. | 480. |
| | 418. | 436. | 456. | 444. | 454. | 476. | 465. | 471. | 506. | 520. |
| | 813. | 2026. | 3046. | 6748. | 8910. | 11608. | 17186. | 11699. | 10381. | 9279. |
| | 9761. | 11644. | 11665. | 11371. | 9720. | 5912. | 3418. | 3810. | 3475. | 5346. |
| | 5983. | 3364. | | | | | | | | |

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

TABLE 8 (Continued)

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

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

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

TABLE 8 (Continued)

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

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

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

TABLE 8 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1971 | 3871. | 3089. | 2600. | 2057. | 1971. | 1871. | 1629. | 1471. | 1329. | 1200. |
| | 1114. | 1100. | 986. | 893. | 750. | 657. | 564. | 500. | 483. | 466. |
| | 443. | 400. | 400. | 400. | 400. | 409. | 434. | 454. | 501. | 579. |
| | 693. | 971. | 1620. | 3121. | 4669. | 12734. | 23586. | 19471. | 24414. | 12743. |
| | 12714. | 13571. | 9000. | 11214. | 31329. | 18071. | 10571. | 8214. | 9643. | 6071. |
| | 4457. | 4429. | | | | | | | | |
| 1972 | 3171. | 3057. | 2571. | 2071. | 1743. | 1514. | 1300. | 1129. | 993. | 929. |
| | 864. | 800. | 764. | 750. | 750. | 729. | 700. | 700. | 664. | 636. |
| | 600. | 557. | 514. | 489. | 460. | 431. | 400. | 434. | 503. | 664. |
| | 864. | 1400. | 2243. | 4463. | 11996. | 10363. | 11911. | 15057. | 11943. | 12186. |
| | 12614. | 10877. | 12000. | 13143. | 10406. | 9026. | 9577. | 6771. | 9571. | 12757. |
| | 7887. | 6167. | | | | | | | | |
| 1973 | 4754. | 3417. | 4190. | 2801. | 2000. | 1571. | 1314. | 1200. | 1000. | 971. |
| | 900. | 850. | 814. | 800. | 779. | 750. | 700. | 700. | 664. | 650. |
| | 650. | 607. | 600. | 586. | 550. | 550. | 500. | 529. | 571. | 650. |
| | 893. | 1514. | 4679. | 5453. | 6776. | 8549. | 14106. | 17057. | 10631. | 9206. |
| | 7891. | 6166. | 7353. | 7801. | 9411. | 6843. | 14757. | 9714. | 5429. | 3843. |
| | 3171. | 3034. | | | | | | | | |
| 1974 | 2556. | 2006. | 1586. | 1343. | 1157. | 1029. | 950. | 886. | 836. | 793. |
| | 750. | 736. | 700. | 693. | 650. | 650. | 621. | 600. | 586. | 550. |
| | 550. | 507. | 500. | 500. | 471. | 450. | 450. | 450. | 514. | 643. |
| | 1021. | 2177. | 3991. | 8333. | 13087. | 8343. | 7923. | 7104. | 7816. | 6963. |
| | 7467. | 8086. | 8500. | 7863. | 7679. | 7550. | 5573. | 10094. | 6446. | 3786. |
| | 3374. | 544. | | | | | | | | |
| 1975 | 2616. | 2411. | 1657. | 1514. | 1286. | 1086. | 957. | 886. | 821. | 800. |
| | 793. | 750. | 750. | 707. | 700. | 700. | 700. | 650. | 614. | 586. |
| | 550. | 550. | 514. | 500. | 500. | 500. | 500. | 500. | 507. | 557. |
| | 643. | 943. | 3257. | 5481. | 11976. | 13371. | 10870. | 14314. | 13886. | 11929. |
| | 14686. | 12586. | 10009. | 10297. | 23629. | 8664. | 7694. | 5781. | 5869. | 10081. |
| | 9630. | 7817. | | | | | | | | |
| 1976 | 4483. | 3497. | 2706. | 1557. | 1129. | 886. | 757. | 643. | 600. | 571. |
| | 550. | 550. | 550. | 550. | 514. | 500. | 491. | 480. | 480. | |
| | 480. | 480. | 480. | 474. | 460. | 460. | 460. | 494. | 600. | 786. |
| | 1586. | 3857. | 3227. | 3813. | 5079. | 10677. | 15029. | 8876. | 8763. | 8041. |
| | 9137. | 10283. | 8949. | 9169. | 8519. | 10206. | 18540. | 4786. | 3293. | 3164. |
| | 3274. | 3431. | | | | | | | | |
| 1977 | 2200. | 1943. | 1791. | 1661. | 1400. | 1187. | 916. | 889. | 1371. | 1286. |
| | 1114. | 964. | 857. | 816. | 726. | 657. | 663. | 603. | 566. | 549. |
| | 531. | 520. | 517. | 500. | 500. | 500. | 567. | 520. | 540. | 586. |
| | 679. | 1414. | 3409. | 5773. | 12801. | 18400. | 23457. | 17229. | 14157. | 8503. |
| | 8654. | 11574. | 8981. | 9156. | 8313. | 8544. | 8526. | 5249. | 4320. | 5821. |
| | 7257. | 7486. | | | | | | | | |

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

TABLE 8 (Continued)

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

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

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

TABLE 9

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

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

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

TABLE 9 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1957 | 5233. | 5554. | 5018. | 3634. | 2672. | 2452. | 3099. | 1660. | 1391. | 1347. |
| | 1150. | 1074. | 1043. | 821. | 915. | 906. | 790. | 822. | 860. | 731. |
| | 928. | 936. | 803. | 838. | 950. | 977. | 765. | 704. | 784. | 800. |
| | 1542. | 1770. | 3303. | 9513. | 12355. | 20806. | 22892. | 21467. | 12614. | 13103. |
| | 11415. | 12667. | 13278. | 12809. | 11509. | 9382. | 9687. | 9996. | 10361. | 8953. |
| | 9594. | 11523. | | | | | | | | |
| 1958 | 6138. | 9130. | 5455. | 4137. | 3135. | 4932. | 3358. | 2172. | 1892. | 1778. |
| | 1608. | 1299. | 1111. | 1265. | 1495. | 1245. | 1169. | 1017. | 1084. | 924. |
| | 1223. | 1263. | 1269. | 1250. | 899. | 813. | 1070. | 1018. | 1384. | 1309. |
| | 1689. | 2323. | 3641. | 6000. | 6514. | 9161. | 13258. | 12497. | 11642. | 17506. |
| | 14825. | 14270. | 13787. | 18697. | 13818. | 12284. | 8915. | 5591. | 5017. | 6576. |
| | 5958. | 5801. | | | | | | | | |
| 1959 | 6007. | 5413. | 5272. | 4111. | 3230. | 3880. | 2499. | 1757. | 1504. | 1030. |
| | 1034. | 1040. | 711. | 780. | 702. | 689. | 724. | 771. | 813. | |
| | 888. | 716. | 720. | 637. | 591. | 655. | 814. | 857. | 1065. | 1310. |
| | 2293. | 3615. | 9190. | 12706. | 12085. | 12871. | 13866. | 14361. | 13682. | 14028. |
| | 14879. | 17591. | 12709. | 11216. | 10452. | 9926. | 13877. | 12169. | 7768. | 5334. |
| | 5205. | 3350. | | | | | | | | |
| 1960 | 4200. | 4200. | 3086. | 2900. | 2400. | 2000. | 1871. | 1700. | 1614. | 1400. |
| | 1400. | 1400. | 1400. | 1220. | 1200. | 1057. | 1000. | 991. | 980. | 969. |
| | 940. | 923. | 900. | 869. | 790. | 790. | 780. | 780. | 874. | 890. |
| | 3540. | 4600. | 11114. | 16000. | 15143. | 13000. | 12900. | 14000. | 14000. | 17000. |
| | 15286. | 14000. | 17057. | 21429. | 18686. | 15143. | 12286. | 10071. | 7536. | 11403. |
| | 9729. | 9466. | | | | | | | | |
| 1961 | 6277. | 4529. | 3176. | 2371. | 1843. | 1700. | 1614. | 1500. | 1557. | 1700. |
| | 1671. | 1500. | 1500. | 1329. | 1300. | 1443. | 1500. | 1371. | 1200. | 1171. |
| | 1100. | 1057. | 1000. | 1086. | 1300. | 1300. | 1600. | 1600. | 1771. | 1800. |
| | 3300. | 9970. | 15457. | 12943. | 11771. | 12300. | 20229. | 21871. | 20100. | 15000. |
| | 15000. | 15857. | 16000. | 15429. | 15000. | 12776. | 14957. | 11714. | 10014. | 17643. |
| | 11229. | 9877. | | | | | | | | |
| 1962 | 10121. | 5790. | 4486. | 3786. | 3000. | 2800. | 2457. | 2000. | 1857. | 1500. |
| | 1500. | 1500. | 1500. | 1329. | 1300. | 1300. | 1300. | 1171. | 1000. | 1000. |
| | 1000. | 970. | 930. | 930. | 930. | 921. | 940. | 940. | 1334. | 1400. |
| | 2686. | 3200. | 6299. | 11550. | 15486. | 13386. | 24471. | 23000. | 23000. | 25000. |
| | 25000. | 26686. | 30000. | 31714. | 20171. | 18529. | 17914. | 26157. | 23200. | 12011. |
| | 8539. | 10793. | | | | | | | | |
| 1963 | 4174. | 3514. | 2243. | 1786. | 1486. | 1400. | 1271. | 1100. | 1100. | 1100. |
| | 1100. | 1100. | 1100. | 1014. | 1000. | 1000. | 1000. | 919. | 810. | 810. |
| | 810. | 763. | 700. | 700. | 700. | 700. | 650. | 650. | 650. | 650. |
| | 879. | 2579. | 6600. | 13800. | 15143. | 11773. | 12329. | 17614. | 14057. | 19243. |
| | 25343. | 23457. | 16857. | 13757. | 7903. | 11743. | 15404. | 11074. | 8980. | 7449. |
| | 5524. | 7756. | | | | | | | | |

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

TABLE 9 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1964 | 6961. | 6884. | 5506. | 3286. | 2266. | 2000. | 1614. | 1100. | 1026. | 840. |
| | 840. | 840. | 840. | 951. | 970. | 970. | 970. | 876. | 750. | 750. |
| | 750. | 686. | 600. | 600. | 600. | 600. | 720. | 720. | 926. | 956. |
| | 989. | 1029. | 1100. | 2471. | 10786. | 30157. | 27171. | 26186. | 24429. | 15957. |
| | 18243. | 16843. | 14114. | 16386. | 12371. | 11714. | 14043. | 10769. | 8276. | 6200. |
| | 5300. | 5529. | | | | | | | | |
| 1965 | 4100. | 6143. | 3726. | 4379. | 2574. | 1971. | 1634. | 1600. | 1514. | 1300. |
| | 1300. | 1300. | 1300. | 974. | 920. | 920. | 920. | 869. | 800. | 800. |
| | 800. | 774. | 740. | 740. | 740. | 740. | 720. | 720. | 806. | 820. |
| | 1391. | 1620. | 5151. | 7800. | 11000. | 15471. | 16400. | 14600. | 21643. | 18643. |
| | 23929. | 20514. | 15057. | 18071. | 15914. | 17457. | 12193. | 6956. | 8121. | 12057. |
| | 12920. | 22057. | | | | | | | | |
| 1966 | 7459. | 4269. | 3100. | 2507. | 1950. | 1800. | 1607. | 1350. | 1293. | 1150. |
| | 1150. | 1150. | 1150. | 1107. | 1100. | 1100. | 1100. | 1100. | 1100. | 1100. |
| | 1100. | 1100. | 1101. | 1100. | 1100. | 1100. | 1200. | 1200. | 1243. | 1500. |
| | 1929. | 2586. | 3800. | 6071. | 8469. | 20243. | 25214. | 20400. | 15457. | 11863. |
| | 11920. | 14157. | 18657. | 13557. | 27057. | 13011. | 17943. | 13071. | 8654. | 9493. |
| | 12586. | 9574. | | | | | | | | |
| 1967 | 9809. | 6753. | 4746. | 2500. | 1686. | 1400. | 1400. | 1400. | 1257. | 900. |
| | 900. | 900. | 900. | 746. | 720. | 720. | 720. | 690. | 650. | 650. |
| | 650. | 650. | 650. | 650. | 650. | 650. | 780. | 780. | 780. | 780. |
| | 1080. | 1200. | 1543. | 1886. | 4314. | 11066. | 15757. | 17143. | 16029. | 13629. |
| | 16114. | 15814. | 14100. | 14429. | 16814. | 20386. | 13700. | 11829. | 13429. | 9786. |
| | 8429. | 7429. | | | | | | | | |
| 1968 | 4829. | 4567. | 4387. | 2343. | 1900. | 1686. | 1543. | 1443. | 1329. | 1271. |
| | 1200. | 1129. | 1100. | 957. | 1014. | 1000. | 1000. | 1000. | 1000. | 1000. |
| | 1000. | 979. | 950. | 950. | 950. | 950. | 950. | 950. | 1100. | 1814. |
| | 3571. | 7857. | 13143. | 19000. | 22457. | 10543. | 25143. | 21857. | 16843. | 18500. |
| | 19143. | 15243. | 16871. | 15129. | 15300. | 9837. | 11439. | 6304. | 5150. | 4949. |
| | 2717. | 2961. | | | | | | | | |
| 1969 | 3133. | 2829. | 1447. | 814. | 736. | 700. | 679. | 650. | 650. | 650. |
| | 643. | 600. | 600. | 600. | 600. | 600. | 600. | 600. | 600. | 600. |
| | 600. | 600. | 614. | 650. | 650. | 771. | 1029. | 1443. | 2243. | |
| | 4043. | 7836. | 9296. | 16714. | 15857. | 14857. | 19729. | 23486. | 22000. | 19271. |
| | 15800. | 11931. | 9884. | 9519. | 12743. | 6086. | 4486. | 4486. | 4644. | 4321. |
| | 3736. | 3750. | | | | | | | | |
| 1970 | 5466. | 10314. | 6440. | 2119. | 2894. | 1746. | 1243. | 1029. | 936. | 871. |
| | 843. | 800. | 800. | 786. | 750. | 750. | 729. | 700. | 700. | |
| | 700. | 679. | 650. | 650. | 650. | 650. | 650. | 650. | 657. | 821. |
| | 1943. | 4780. | 12457. | 17186. | 20929. | 23986. | 23143. | 20714. | 23986. | 25814. |
| | 21214. | 18714. | 18786. | 19100. | 12886. | 12357. | 14029. | 9647. | 8757. | 6374. |
| | 6483. | 5583. | | | | | | | | |

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

TABLE 9 (Continued)

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

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

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

TABLE 9 (Continued)

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

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

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

TABLE 10

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

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

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

TABLE 10 (Continued)

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

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

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

TABLE 10 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1964 | 8897. | 7491. | 6129. | 4643. | 2886. | 2600. | 2300. | 1900. | 1843. | 1700. |
| | 1643. | 1300. | 1300. | 1129. | 1100. | 1029. | 1000. | 1000. | 1000. | 980. |
| | 930. | 861. | 770. | 739. | 660. | 660. | 710. | 710. | 710. | 780. |
| | 866. | 1043. | 1400. | 3099. | 28990. | 75029. | 51529. | 43000. | 31100. | 25371. |
| | 26143. | 24671. | 16929. | 19757. | 18729. | 15100. | 16100. | 13600. | 11354. | 9253. |
| | 9304. | 9106. | | | | | | | | |
| 1965 | 7677. | 8591. | 5623. | 4473. | 3080. | 2836. | 2807. | 3129. | 2033. | 1370. |
| | 1221. | 1110. | 1110. | 981. | 960. | 960. | 960. | 917. | 860. | 860. |
| | 860. | 877. | 900. | 900. | 900. | 900. | 1180. | 1180. | 1489. | 1540. |
| | 2011. | 5386. | 9371. | 16886. | 33643. | 21971. | 23471. | 22429. | 33014. | 30357. |
| | 30614. | 28514. | 24729. | 22229. | 19671. | 30386. | 20371. | 11343. | 16849. | 20700. |
| | 18943. | 25043. | | | | | | | | |
| 1966 | 15086. | 8387. | 3929. | 3250. | 2764. | 2264. | 2000. | 1907. | 1829. | 1714. |
| | 1657. | 1590. | 1530. | 1419. | 1400. | 1400. | 1400. | 1357. | 1300. | 1300. |
| | 1300. | 1300. | 1300. | 1300. | 1300. | 1300. | 1500. | 1500. | 1971. | 2050. |
| | 3014. | 3886. | 7200. | 13800. | 21657. | 47686. | 34129. | 28829. | 24329. | 18643. |
| | 17757. | 18586. | 21029. | 28014. | 22914. | 18843. | 22829. | 18300. | 12836. | 12514. |
| | 12371. | 10314. | | | | | | | | |
| 1967 | 6990. | 4687. | 3544. | 2400. | 1729. | 1600. | 1600. | 1600. | 1571. | 1500. |
| | 1500. | 1500. | 1500. | 1500. | 1500. | 1500. | 1500. | 1457. | 1400. | 1400. |
| | 1400. | 1314. | 1200. | 1200. | 1200. | 1200. | 1100. | 1100. | 1179. | 1300. |
| | 1743. | 4929. | 17143. | 23986. | 28829. | 26571. | 34814. | 29014. | 28386. | 21557. |
| | 21471. | 29857. | 34800. | 27100. | 25043. | 54871. | 30600. | 20614. | 29071. | 17157. |
| | 12471. | 10831. | | | | | | | | |
| 1968 | 6851. | 5703. | 4460. | 3400. | 2857. | 2429. | 2300. | 2214. | 2171. | 2100. |
| | 2100. | 2014. | 2000. | 2000. | 2000. | 2000. | 1971. | 1900. | 1900. | 1900. |
| | 1900. | 1900. | 1900. | 1900. | 1900. | 1900. | 1871. | 1800. | 1885. | 2014. |
| | 2243. | 2943. | 13086. | 33843. | 27543. | 26457. | 36829. | 37343. | 27185. | 29429. |
| | 26786. | 25857. | 24986. | 22214. | 20143. | 16757. | 15143. | 13429. | 11271. | 11291. |
| | 7210. | 6309. | | | | | | | | |
| 1969 | 5061. | 4370. | 3366. | 2987. | 2543. | 1971. | 1500. | 1314. | 1086. | 950. |
| | 900. | 850. | 807. | 771. | 750. | 700. | 700. | 700. | 700. | 714. |
| | 750. | 750. | 779. | 800. | 843. | 871. | 957. | 1129. | 1471. | 2086. |
| | 3400. | 6013. | 11434. | 20057. | 12069. | 12800. | 16314. | 17871. | 16229. | 13929. |
| | 17629. | 18114. | 15143. | 13386. | 14286. | 7399. | 6001. | 5593. | 6303. | 5511. |
| | 4726. | 4536. | | | | | | | | |
| 1970 | 3940. | 3709. | 3249. | 2193. | 1714. | 1429. | 1129. | 1000. | 936. | 900. |
| | 857. | 850. | 850. | 850. | 850. | 814. | 800. | 800. | 800. | 750. |
| | 750. | 750. | 750. | 764. | 800. | 800. | 850. | 936. | 1071. | 1300. |
| | 1943. | 4614. | 16343. | 14757. | 18129. | 16971. | 16371. | 15500. | 26100. | 25029. |
| | 21000. | 22500. | 21514. | 26429. | 22871. | 17671. | 19971. | 13786. | 11897. | 9466. |
| | 9643. | 6143. | | | | | | | | |

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

TABLE 10 (Continued)

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

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

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

TABLE 10 (Continued)

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

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

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

TABLE 11

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1950 | 25443. | 13566. | 9936. | 8355. | 7492. | 6595. | 5478. | 5183. | 3861. | 3940. |
| | 4141. | 3549. | 3243. | 3139. | 2796. | 2720. | 2738. | 2682. | 2552. | 1993. |
| | 1861. | 1848. | 1724. | 1548. | 1668. | 1899. | 1901. | 1942. | 2109. | 2474. |
| | 4880. | 16341. | 31472. | 31561. | 42601. | 39765. | 43984. | 65395. | 50259. | 53162. |
| | 58856. | 63477. | 70956. | 66774. | 57735. | 55163. | 49125. | 40548. | 31832. | 41231. |
| | 32747. | 27136. | | | | | | | | |
| 1951 | 17177. | 14159. | 11006. | 7079. | 5194. | 4232. | 3862. | 3826. | 3805. | 3604. |
| | 3390. | 3113. | 3054. | 3185. | 3053. | 3289. | 3353. | 3084. | 2955. | 2755. |
| | 2706. | 2304. | 2067. | 2037. | 2047. | 2043. | 2019. | 2456. | 3661. | 5807. |
| | 11605. | 29453. | 31619. | 20670. | 33347. | 56558. | 57725. | 39376. | 50229. | 56252. |
| | 67629. | 65919. | 57570. | 55764. | 51646. | 45836. | 40515. | 53692. | 59465. | 37827. |
| | 35510. | 36824. | | | | | | | | |
| 1952 | 20305. | 14637. | 10937. | 9606. | 9849. | 8386. | 6569. | 6138. | 5588. | 5231. |
| | 5416. | 5343. | 5096. | 4347. | 4022. | 4015. | 3912. | 3390. | 2536. | 2488. |
| | 2309. | 2238. | 2260. | 2306. | 2417. | 2594. | 2645. | 2436. | 2473. | 2940. |
| | 3908. | 5301. | 7870. | 13448. | 54536. | 64522. | 89263. | 85740. | 83180. | 73837. |
| | 60181. | 72666. | 71262. | 88726. | 66940. | 54633. | 42482. | 44512. | 45732. | 34331. |
| | 27830. | 45344. | | | | | | | | |
| 1953 | 29969. | 27812. | 18379. | 11761. | 10163. | 8499. | 6422. | 7284. | 5694. | 4032. |
| | 4039. | 4113. | 4065. | 3341. | 3090. | 3012. | 2867. | 2613. | 2308. | 2306. |
| | 2244. | 2187. | 2223. | 2162. | 2188. | 2196. | 2326. | 2572. | 3894. | 6227. |
| | 23819. | 34890. | 33229. | 60778. | 50770. | 73245. | 66876. | 56154. | 62575. | 51400. |
| | 48805. | 50817. | 52187. | 59958. | 53155. | 42612. | 45613. | 49154. | 50992. | 45939. |
| | 34251. | 28171. | | | | | | | | |
| 1954 | 17168. | 14581. | 11221. | 8475. | 5119. | 5012. | 5065. | 4797. | 4217. | 3803. |
| | 3843. | 3864. | 3576. | 3276. | 3212. | 3241. | 3123. | 2935. | 2656. | 2677. |
| | 2526. | 2484. | 2266. | 2259. | 2171. | 2143. | 2249. | 2146. | 3068. | 3127. |
| | 11189. | 18368. | 34888. | 37389. | 39503. | 48924. | 54899. | 57570. | 64429. | 57641. |
| | 53541. | 50558. | 50722. | 77526. | 66404. | 67140. | 62214. | 54533. | 36463. | 33742. |
| | 31890. | 23463. | | | | | | | | |
| 1955 | 14415. | 13371. | 11500. | 10838. | 9461. | 7491. | 6510. | 5999. | 5518. | 4869. |
| | 4834. | 4555. | 4425. | 4688. | 4493. | 3845. | 3688. | 3269. | 2961. | 2847. |
| | 2810. | 2600. | 2385. | 2515. | 2497. | 2703. | 3020. | 2956. | 2988. | 3061. |
| | 6978. | 10133. | 11551. | 28802. | 31442. | 42692. | 67856. | 71981. | 75069. | 79208. |
| | 79411. | 71137. | 68586. | 61054. | 57583. | 53619. | 52704. | 64547. | 45310. | 44049. |
| | 34541. | 35544. | | | | | | | | |
| 1956 | 20668. | 15730. | 11828. | 9421. | 6187. | 4841. | 4936. | 4761. | 4486. | 3629. |
| | 3648. | 3695. | 3907. | 3294. | 3037. | 2844. | 2783. | 2705. | 2572. | 2735. |
| | 2550. | 2605. | 2569. | 2587. | 2540. | 2530. | 2449. | 2405. | 2510. | 2336. |
| | 5266. | 21107. | 28155. | 53302. | 46596. | 70346. | 93245. | 73775. | 68116. | 64438. |
| | 72291. | 76125. | 74569. | 70713. | 62095. | 53762. | 44261. | 37631. | 37748. | 47085. |
| | 51719. | 39838. | | | | | | | | |

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

TABLE 11 (Continued)

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

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

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

TABLE 11 (Continued)

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

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

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

TABLE 11 (Continued)

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

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

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

TABLE 11 (Continued)

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

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

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

TABLE 12

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

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

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

TABLE 12 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1957 | 6055. | 6055. | 4108. | 3784. | 3159. | 2691. | 2583. | 2439. | 2318. | 2018. |
| | 1958. | 1598. | 1598. | 1454. | 1430. | 1430. | 1430. | 1358. | 1261. | 1261. |
| | 1261. | 1153. | 1009. | 1009. | 1009. | 1009. | 1009. | 1009. | 1009. | 1009. |
| | 2871. | 4841. | 7905. | 17707. | 25996. | 31486. | 27822. | 24686. | 16902. | 19521. |
| | 17935. | 20110. | 21815. | 17623. | 17611. | 17515. | 16061. | 17779. | 15905. | 17359. |
| | 16878. | 18524. | | | | | | | | |
| 1958 | 8689. | 7454. | 6080. | 6268. | 4565. | 3802. | 3254. | 2675. | 3015. | 3628. |
| | 3095. | 2308. | 1874. | 2042. | 1790. | 1562. | 1478. | 1225. | 1213. | 1093. |
| | 1009. | 1009. | 1009. | 985. | 925. | 925. | 1009. | 1129. | 1225. | 1485. |
| | 3355. | 6629. | 9262. | 17635. | 18548. | 23545. | 23545. | 20302. | 18500. | 18500. |
| | 18500. | 18500. | 18139. | 32531. | 23149. | 17190. | 13935. | 9718. | 7148. | 7148. |
| | 5550. | 6343. | | | | | | | | |
| 1959 | 5038. | 4433. | 4241. | 2943. | 2511. | 2186. | 1862. | 1430. | 1285. | 925. |
| | 1021. | 1598. | 1598. | 1309. | 1261. | 1201. | 1177. | 1177. | 1177. | 1129. |
| | 1009. | 930. | 824. | 824. | 824. | 824. | 841. | 841. | 1201. | 1261. |
| | 2403. | 3820. | 16314. | 23113. | 18776. | 21887. | 16350. | 19485. | 21803. | 22200. |
| | 21311. | 23089. | 18236. | 20086. | 15665. | 20110. | 37144. | 36303. | 24134. | 12469. |
| | 9365. | 10097. | | | | | | | | |
| 1960 | 9010. | 6223. | 3424. | 4277. | 2931. | 2523. | 2415. | 2270. | 2150. | 1850. |
| | 1850. | 1850. | 1850. | 1706. | 1682. | 1502. | 1430. | 1358. | 1261. | 1237. |
| | 1177. | 1141. | 1093. | 1045. | 925. | 925. | 925. | 925. | 1213. | 1261. |
| | 4925. | 6391. | 12349. | 19221. | 20422. | 12073. | 12517. | 12962. | 14247. | 19281. |
| | 14295. | 16446. | 22548. | 26945. | 21383. | 18896. | 18260. | 17539. | 15401. | 24338. |
| | 17251. | 14764. | | | | | | | | |
| 1961 | 10535. | 7652. | 5442. | 3964. | 3015. | 2775. | 2559. | 2270. | 2318. | 2439. |
| | 2391. | 2102. | 2102. | 2030. | 2018. | 2078. | 2102. | 1850. | 1514. | 1490. |
| | 1430. | 1358. | 1261. | 1406. | 1766. | 1766. | 2102. | 2102. | 2318. | 2355. |
| | 6079. | 10692. | 18500. | 17623. | 16662. | 15953. | 26056. | 32555. | 27353. | 19341. |
| | 20302. | 21023. | 21779. | 21563. | 21863. | 18668. | 17719. | 13166. | 10451. | 11857. |
| | 11292. | 12998. | | | | | | | | |
| 1962 | 8769. | 3868. | 3868. | 3868. | 2955. | 2270. | 2270. | 2270. | 2126. | 1766. |
| | 1766. | 1766. | 1766. | 1622. | 1598. | 1598. | 1598. | 1454. | 1261. | 1261. |
| | 1261. | 1225. | 1177. | 1177. | 1177. | 1177. | 1177. | 1430. | 1430. | 1430. |
| | 3111. | 3784. | 10271. | 15136. | 23942. | 25467. | 49397. | 42237. | 29900. | 22861. |
| | 22320. | 19449. | 22861. | 21911. | 19341. | 19341. | 19341. | 19701. | 19821. | 12517. |
| | 10139. | 11665. | | | | | | | | |
| 1963 | 7694. | 5859. | 5105. | 4613. | 3111. | 2355. | 2355. | 2355. | 2162. | 1682. |
| | 1682. | 1682. | 1682. | 1394. | 1345. | 1345. | 1345. | 1309. | 1261. | 1261. |
| | 1261. | 1081. | 841. | 841. | 841. | 841. | 841. | 698. | 698. | 698. |
| | 2242. | 2859. | 16121. | 26068. | 30008. | 21863. | 21863. | 21863. | 21863. | 26188. |
| | 33852. | 32074. | 27389. | 23377. | 21143. | 19344. | 19401. | 16434. | 12734. | 11388. |
| | 9106. | 9232. | | | | | | | | |

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

TABLE 12 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1964 | 7482. | 6300. | 5154. | 3904. | 2427. | 2186. | 1934. | 1598. | 1550. | 1430. |
| | 1382. | 1093. | 1093. | 949. | 925. | 865. | 841. | 841. | 841. | 824. |
| | 782. | 724. | 648. | 621. | 555. | 555. | 597. | 597. | 648. | 656. |
| | 728. | 877. | 1177. | 2606. | 24378. | 63092. | 43330. | 36159. | 26152. | 21335. |
| | 21984. | 20746. | 14235. | 16614. | 15749. | 12698. | 13539. | 11436. | 9548. | 7781. |
| | 7824. | 7657. | | | | | | | | |
| 1965 | 6456. | 7225. | 4728. | 3761. | 2590. | 2385. | 2361. | 2631. | 1710. | 1152. |
| | 1027. | 933. | 933. | 825. | 807. | 807. | 807. | 771. | 723. | 723. |
| | 723. | 738. | 757. | 757. | 757. | 757. | 992. | 992. | 1252. | 1295. |
| | 1691. | 4529. | 7880. | 14199. | 28290. | 18476. | 19737. | 18860. | 27762. | 25527. |
| | 25744. | 23978. | 20794. | 18692. | 16542. | 25551. | 17130. | 9538. | 14168. | 17407. |
| | 15929. | 21059. | | | | | | | | |
| 1966 | 12686. | 7053. | 3304. | 2733. | 2325. | 1904. | 1682. | 1604. | 1538. | 1442. |
| | 1394. | 1337. | 1287. | 1193. | 1177. | 1177. | 1177. | 1141. | 1193. | 1093. |
| | 1093. | 1093. | 1093. | 1093. | 1093. | 1093. | 1261. | 1261. | 1558. | 1724. |
| | 2535. | 3268. | 6055. | 11604. | 18212. | 40099. | 28699. | 24242. | 20458. | 15677. |
| | 14932. | 15629. | 17683. | 23557. | 19269. | 15845. | 19197. | 15389. | 10836. | 10523. |
| | 10403. | 8673. | | | | | | | | |
| 1967 | 5878. | 3941. | 2980. | 2018. | 1454. | 1345. | 1345. | 1345. | 1321. | 1261. |
| | 1261. | 1261. | 1261. | 1261. | 1261. | 1261. | 1261. | 1225. | 1177. | 1177. |
| | 1177. | 1105. | 1009. | 1009. | 1009. | 1009. | 925. | 925. | 949. | 1093. |
| | 1466. | 4145. | 14416. | 20170. | 24242. | 22344. | 29275. | 24398. | 23870. | 18127. |
| | 18055. | 25107. | 29263. | 22788. | 21059. | 46141. | 25732. | 17335. | 24446. | 14427. |
| | 10487. | 9108. | | | | | | | | |
| 1968 | 5761. | 4796. | 3750. | 2859. | 2403. | 2042. | 1934. | 1862. | 1826. | 1766. |
| | 1766. | 1694. | 1682. | 1682. | 1682. | 1682. | 1658. | 1598. | 1598. | 1598. |
| | 1598. | 1598. | 1598. | 1598. | 1598. | 1598. | 1574. | 1514. | 1586. | 1694. |
| | 1886. | 2475. | 11004. | 28459. | 23161. | 22248. | 30969. | 31402. | 22851. | 24747. |
| | 22524. | 21743. | 21011. | 18680. | 16938. | 14091. | 12734. | 11292. | 9478. | 9495. |
| | 6063. | 5305. | | | | | | | | |
| 1969 | 4256. | 3675. | 2830. | 2512. | 2138. | 1658. | 1261. | 1105. | 913. | 799. |
| | 757. | 715. | 679. | 649. | 631. | 589. | 589. | 589. | 589. | 601. |
| | 631. | 631. | 655. | 673. | 709. | 733. | 805. | 949. | 1237. | 1754. |
| | 2859. | 5056. | 9615. | 16866. | 10149. | 10764. | 13719. | 15028. | 13647. | 11713. |
| | 14824. | 15232. | 12734. | 11256. | 12013. | 6222. | 5047. | 4703. | 5300. | 4635. |
| | 3974. | 3814. | | | | | | | | |
| 1970 | 3313. | 3119. | 2732. | 1844. | 1442. | 1201. | 949. | 841. | 787. | 757. |
| | 721. | 715. | 715. | 715. | 685. | 673. | 673. | 673. | 673. | 631. |
| | 631. | 631. | 631. | 643. | 673. | 673. | 715. | 787. | 901. | 1093. |
| | 1634. | 3880. | 13743. | 12409. | 15244. | 14271. | 13767. | 13034. | 21948. | 21047. |
| | 17659. | 18920. | 18091. | 22224. | 19233. | 14860. | 16794. | 11592. | 10004. | 7960. |
| | 8109. | 5166. | | | | | | | | |

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

TABLE 12 (Continued)

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

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1971 | 5901. | 4925. | 4012. | 3412. | 3364. | 3195. | 2907. | 2571. | 2307. | 2162. |
| | 2018. | 1850. | 1658. | 1466. | 1309. | 1189. | 1045. | 973. | 925. | 841. |
| | 841. | 823. | 799. | 799. | 799. | 799. | 811. | 841. | 913. | 1021. |
| | 1225. | 1598. | 2355. | 4157. | 7328. | 19221. | 39679. | 24098. | 33288. | 20578. |
| | 20938. | 24134. | 15701. | 20482. | 37624. | 33636. | 20626. | 16374. | 19221. | 12265. |
| | 9274. | 9198. | | | | | | | | |
| 1972 | 6512. | 5835. | 4429. | 3652. | 3027. | 2739. | 2595. | 2451. | 2331. | 2186. |
| | 2186. | 2018. | 2018. | 1850. | 1850. | 1850. | 1850. | 1850. | 1754. | 1682. |
| | 1682. | 1610. | 1586. | 1514. | 1514. | 1490. | 1430. | 1430. | 1370. | 1430. |
| | 2847. | 16458. | 16217. | 22608. | 37204. | 20578. | 36543. | 32002. | 21635. | 21335. |
| | 21323. | 19004. | 15497. | 17022. | 18272. | 16758. | 17323. | 11592. | 11088. | 15160. |
| | 11172. | 5766. | | | | | | | | |
| 1973 | 4024. | 3724. | 5166. | 3832. | 2619. | 2138. | 1826. | 1682. | 1466. | 1345. |
| | 1201. | 1177. | 1177. | 1033. | 1009. | 1009. | 1009. | 1009. | 1009. | 1009. |
| | 1009. | 937. | 841. | 841. | 841. | 841. | 841. | 841. | 841. | 889. |
| | 1177. | 2258. | 7736. | 10655. | 13214. | 16998. | 28338. | 30645. | 20134. | 17707. |
| | 16926. | 12806. | 13815. | 14848. | 17683. | 14091. | 18332. | 19485. | 10776. | 7519. |
| | 6350. | 5895. | | | | | | | | |
| 1974 | 4739. | 3817. | 2632. | 1994. | 1610. | 1382. | 1273. | 1165. | 1069. | 961. |
| | 865. | 823. | 799. | 763. | 757. | 727. | 715. | 697. | 673. | 661. |
| | 631. | 631. | 631. | 619. | 589. | 589. | 589. | 613. | 739. | 1177. |
| | 2162. | 5538. | 10331. | 23065. | 26368. | 16446. | 14043. | 13130. | 14019. | 14247. |
| | 17707. | 16241. | 15617. | 14896. | 15713. | 13442. | 10639. | 14405. | 13971. | 7832. |
| | 7915. | 11902. | | | | | | | | |
| 1975 | 4527. | 4599. | 2451. | 1634. | 1430. | 1430. | 1430. | 1430. | 1418. | 1345. |
| | 1345. | 1345. | 1345. | 1333. | 1261. | 1261. | 1261. | 1261. | 1261. | 1261. |
| | 1213. | 1177. | 1177. | 1177. | 1177. | 1177. | 1177. | 1177. | 1297. | 1538. |
| | 2391. | 5766. | 12674. | 19365. | 25647. | 30609. | 22993. | 28891. | 25828. | 23125. |
| | 25143. | 23834. | 21803. | 20350. | 16386. | 15653. | 13815. | 11905. | 9875. | 16722. |
| | 15665. | 15088. | | | | | | | | |
| 1976 | 8649. | 7628. | 7028. | 4145. | 2883. | 2066. | 1574. | 1249. | 1069. | 961. |
| | 925. | 889. | 841. | 841. | 841. | 811. | 799. | 799. | 799. | 799. |
| | 799. | 781. | 757. | 757. | 757. | 757. | 757. | 793. | 985. | 1646. |
| | 4168. | 11725. | 11268. | 11785. | 13563. | 23293. | 25095. | 17671. | 17070. | 16253. |
| | 16217. | 15461. | 15857. | 18260. | 23305. | 17299. | 13286. | 9404. | 6499. | 5323. |
| | 5354. | 6517. | | | | | | | | |
| 1977 | 4063. | 3316. | 3162. | 2806. | 2475. | 2283. | 2138. | 2018. | 2427. | 2283. |
| | 2066. | 1898. | 1754. | 1646. | 1598. | 1514. | 1478. | 1430. | 1370. | 1345. |
| | 1345. | 1309. | 1261. | 1261. | 1261. | 1261. | 1345. | 1345. | 1418. | 1490. |
| | 1658. | 2907. | 10523. | 16145. | 24554. | 29395. | 38934. | 31906. | 28470. | 18260. |
| | 20302. | 21455. | 17851. | 18740. | 17935. | 16410. | 16590. | 10523. | 8714. | 12337. |
| | 11833. | 11381. | | | | | | | | |

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

TABLE 12 (Continued)

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

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

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

TABLE 13

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

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

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

TABLE 13 (Continued)

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

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

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

TABLE 13 (Continued)

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

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

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

TABLE 13 (Continued)

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

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

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

TABLE 13 (Continued)

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

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

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

TABLE 14
FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

| WEEK=19 (4 FEB-10 FEB) | | WEEK=20 (11 FEB-17 FEB) | | WEEK=21 (18 FEB-24 FEB) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 2416. | 0.0 | 2045. | 0.0 | 2088. |
| 5.9 | 2121. | 8.8 | 1931. | 5.9 | 1960. |
| 8.8 | 1987. | 11.8 | 1823. | 8.8 | 1727. |
| 14.7 | 1861. | 17.6 | 1721. | 14.7 | 1622. |
| 17.6 | 1744. | 20.6 | 1625. | 20.6 | 1522. |
| 20.6 | 1633. | 23.5 | 1534. | 32.3 | 1429. |
| 23.5 | 1530. | 41.2 | 1448. | 44.1 | 1342. |
| 44.1 | 1434. | 47.1 | 1367. | 50.0 | 1259. |
| 52.9 | 1343. | 58.8 | 1218. | 61.8 | 1042. |
| 58.8 | 1258. | 61.8 | 1025. | 70.6 | 978. |
| 61.8 | 1104. | 76.5 | 968. | 79.4 | 862. |
| 64.7 | 1034. | 79.4 | 863. | 88.2 | 760. |
| 79.4 | 969. | 88.2 | 814. | 97.1 | 669. |
| 82.3 | 908. | 91.2 | 769. | 100.0 | 628. |
| 85.3 | 851. | 94.1 | 726. | | |
| 97.1 | 746. | 100.0 | 685. | | |
| 100.0 | 699. | | | | |
| WEEK=22 (25 FEB- 3 MAR) | | WEEK=23 (4 MAR-10 MAR) | | WEEK=24 (11 MAR-17 MAR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 1959. | 0.0 | 1902. | 0.0 | 1902. |
| 8.8 | 1669. | 8.8 | 1628. | 5.9 | 1703. |
| 14.7 | 1582. | 11.8 | 1546. | 11.8 | 1611. |
| 20.6 | 1499. | 20.6 | 1468. | 17.6 | 1525. |
| 23.5 | 1421. | 29.4 | 1323. | 20.6 | 1443. |
| 35.3 | 1347. | 35.3 | 1256. | 29.4 | 1365. |
| 44.1 | 1277. | 47.1 | 1133. | 32.3 | 1292. |
| 47.1 | 1211. | 52.9 | 1021. | 35.3 | 1222. |
| 52.9 | 1148. | 61.8 | 969. | 47.1 | 1156. |
| 61.8 | 1031. | 67.6 | 920. | 52.9 | 1035. |
| 64.7 | 978. | 76.5 | 830. | 61.8 | 980. |
| 73.5 | 927. | 79.4 | 788. | 67.6 | 927. |
| 76.5 | 878. | 94.1 | 748. | 76.5 | 830. |
| 82.3 | 833. | 100.0 | 710. | 82.3 | 785. |
| 85.3 | 789. | | | 88.2 | 743. |
| 97.1 | 748. | | | 97.1 | 703. |
| 100.0 | 709. | | | 100.0 | 665. |

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 14143. | 0.0 | 20420. | 0.0 | 22022. |
| 2.9 | 7854. | 5.9 | 17460. | 23.5 | 19048. |
| 5.9 | 6780. | 11.8 | 14929. | 29.4 | 16476. |
| 14.7 | 5853. | 14.7 | 12765. | 47.1 | 14251. |
| 17.6 | 5052. | 29.4 | 10915. | 61.8 | 12326. |
| 23.5 | 4361. | 32.3 | 9333. | 76.5 | 10661. |
| 29.4 | 3765. | 38.2 | 7980. | 82.3 | 9222. |
| 50.0 | 3250. | 47.1 | 6823. | 85.3 | 7976. |
| 58.8 | 2806. | 52.9 | 5834. | 88.2 | 5967. |
| 70.6 | 2422. | 61.8 | 4988. | 91.2 | 2889. |
| 76.5 | 2091. | 76.5 | 4265. | 94.1 | 2161. |
| 85.3 | 1805. | 79.4 | 3647. | 97.1 | 1617. |
| 88.2 | 1558. | 85.3 | 3118. | 100.0 | 1399. |
| 94.1 | 1345. | 91.2 | 1949. | | |
| 97.1 | 1002. | 94.1 | 1667. | | |
| 100.0 | 865. | 97.1 | 1219. | | |
| | | 101.0 | 1042. | | |
| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 33877. | 0.0 | 44287. | 0.0 | 75104. |
| 8.8 | 29868. | 2.9 | 37317. | 2.9 | 51736. |
| 20.6 | 26334. | 5.9 | 34255. | 5.9 | 39119. |
| 23.5 | 23218. | 11.8 | 31444. | 11.8 | 35639. |
| 41.2 | 20471. | 26.5 | 28864. | 20.6 | 32468. |
| 52.9 | 18049. | 35.3 | 24322. | 26.5 | 29579. |
| 61.8 | 15913. | 47.1 | 22326. | 41.2 | 26947. |
| 70.6 | 14030. | 67.6 | 20494. | 61.8 | 24550. |
| 85.3 | 12370. | 73.5 | 18812. | 67.6 | 22366. |
| 88.2 | 9616. | 82.3 | 17269. | 70.6 | 20376. |
| 91.2 | 5123. | 88.2 | 15852. | 85.3 | 18563. |
| 94.1 | 4517. | 91.2 | 13357. | 91.2 | 15407. |
| 97.1 | 3511. | 94.1 | 12261. | 97.1 | 14036. |
| 100.0 | 3096. | 97.1 | 9483. | 100.0 | 12787. |
| | | 100.0 | 8705. | | |

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

| WEEK=37 (10 JUN-16 JUN) | | WEEK=38 (17 JUN-23 JUN) | | WEEK=39 (24 JUN-30 JUN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 58802. | 0.0 | 50279. | 0.0 | 39626. |
| 2.9 | 54698. | 2.9 | 43790. | 2.9 | 36068. |
| 5.9 | 47328. | 5.9 | 40867. | 5.9 | 34411. |
| 11.8 | 44025. | 8.8 | 38139. | 17.6 | 32830. |
| 17.6 | 38093. | 26.5 | 35593. | 20.6 | 31321. |
| 20.6 | 35434. | 29.4 | 33217. | 26.5 | 29882. |
| 38.2 | 32961. | 35.3 | 30999. | 32.3 | 28509. |
| 41.2 | 30660. | 41.2 | 28930. | 41.2 | 27199. |
| 44.1 | 28520. | 50.0 | 26998. | 50.0 | 25950. |
| 52.9 | 26530. | 55.9 | 25196. | 61.8 | 24757. |
| 58.8 | 24678. | 61.8 | 23514. | 70.6 | 23620. |
| 67.6 | 22955. | 73.5 | 21944. | 73.5 | 22535. |
| 73.5 | 21353. | 79.4 | 19112. | 76.5 | 21499. |
| 76.5 | 19863. | 88.2 | 16646. | 79.4 | 20511. |
| 82.3 | 17187. | 91.2 | 15534. | 85.3 | 19569. |
| 97.1 | 15987. | 97.1 | 14497. | 91.2 | 16944. |
| 100.0 | 14871. | 100.0 | 13529. | 100.0 | 16213. |
| WEEK=40 (1 JUL- 7 JUL) | | WEEK=41 (8 JUL-14 JUL) | | WEEK=42 (15 JUL-21 JUL) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 34220. | 0.0 | 42128. | 0.0 | 41184. |
| 2.9 | 32637. | 5.9 | 33170. | 2.9 | 39081. |
| 8.8 | 31128. | 11.8 | 31621. | 5.9 | 35192. |
| 11.8 | 29688. | 14.7 | 30145. | 8.8 | 33395. |
| 17.6 | 28315. | 17.6 | 28737. | 14.7 | 30071. |
| 26.5 | 27005. | 20.6 | 27395. | 20.6 | 28536. |
| 32.3 | 25756. | 29.4 | 26116. | 29.4 | 27079. |
| 44.1 | 24564. | 41.2 | 24897. | 32.3 | 25696. |
| 50.0 | 23428. | 52.9 | 22626. | 47.1 | 24384. |
| 58.8 | 22344. | 58.8 | 21570. | 55.9 | 23139. |
| 70.6 | 21311. | 76.5 | 20563. | 70.6 | 21957. |
| 76.5 | 20325. | 82.3 | 19603. | 73.5 | 20836. |
| 85.3 | 19385. | 88.2 | 18687. | 76.5 | 19772. |
| 91.2 | 18488. | 91.2 | 17815. | 85.3 | 18762. |
| 94.1 | 17633. | 100.0 | 16983. | 97.1 | 16032. |
| 97.1 | 14590. | | | 100.0 | 15214. |
| 100.0 | 13915. | | | | |

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

TABLE 14 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR NATURAL CONDITIONS

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

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

TABLE 15
FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

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

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK= 7 (12 NOV-18 NOV) | | WEEK= 8 (19 NOV-25 NOV) | | WEEK= 9 (26 NOV- 2 DEC) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 10200. | 0.0 | 7844. | 0.0 | 7676. |
| 2.9 | 8706. | 2.9 | 7503. | 2.9 | 7316. |
| 5.9 | 8258. | 11.8 | 7177. | 5.9 | 6973. |
| 8.8 | 7833. | 14.7 | 6865. | 14.7 | 6335. |
| 14.7 | 7430. | 17.6 | 6566. | 20.6 | 6038. |
| 23.5 | 7048. | 26.5 | 6281. | 32.3 | 5755. |
| 32.3 | 6686. | 35.3 | 6008. | 47.1 | 5486. |
| 47.1 | 6342. | 50.0 | 5497. | 50.0 | 5228. |
| 50.0 | 6016. | 55.9 | 5258. | 52.9 | 4983. |
| 61.8 | 5706. | 64.7 | 5030. | 61.8 | 4750. |
| 67.6 | 5413. | 67.6 | 4811. | 64.7 | 4527. |
| 73.5 | 5134. | 76.5 | 4402. | 67.6 | 4315. |
| 79.4 | 4620. | 79.4 | 4211. | 79.4 | 4113. |
| 82.3 | 4382. | 85.3 | 4028. | 82.3 | 3920. |
| 88.2 | 4157. | 88.2 | 3852. | 91.2 | 3561. |
| 91.2 | 3943. | 94.1 | 3685. | 94.1 | 3236. |
| 100.0 | 3740. | 97.1 | 3525. | 100.0 | 3084. |
| | | 100.0 | 3372. | | |
| WEEK=10 (3 DEC- 9 DEC) | | WEEK=11 (10 DEC-16 DEC) | | WEEK=12 (17 DEC-23 DEC) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 8155. | 0.0 | 7119. | 0.0 | 5828. |
| 2.9 | 6531. | 2.9 | 6114. | 2.9 | 5583. |
| 8.8 | 6179. | 8.8 | 5811. | 11.8 | 5349. |
| 11.8 | 5845. | 11.8 | 5524. | 17.6 | 4910. |
| 17.6 | 5529. | 17.6 | 5250. | 35.3 | 4704. |
| 29.4 | 5231. | 26.5 | 4990. | 44.1 | 4507. |
| 35.3 | 4948. | 41.2 | 4744. | 52.9 | 4318. |
| 55.9 | 4681. | 52.9 | 4119. | 58.8 | 4137. |
| 58.8 | 4189. | 55.9 | 4286. | 64.7 | 3963. |
| 67.6 | 3963. | 58.8 | 4074. | 76.5 | 3797. |
| 76.5 | 3749. | 73.5 | 3872. | 79.4 | 3638. |
| 82.3 | 3546. | 76.5 | 3680. | 82.3 | 3199. |
| 88.2 | 3355. | 79.4 | 3498. | 85.3 | 3065. |
| 91.2 | 3174. | 85.3 | 3325. | 91.2 | 2937. |
| 94.1 | 3002. | 88.2 | 3161. | 97.1 | 2695. |
| 100.0 | 2840. | 94.1 | 2856. | 100.0 | 2582. |
| | | 100.0 | 2714. | | |

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 5735. | 0.0 | 6521. | 0.0 | 5448. |
| 2.9 | 5486. | 2.9 | 5256. | 2.9 | 4974. |
| 8.8 | 5248. | 8.8 | 4981. | 5.9 | 4753. |
| 11.8 | 5021. | 11.8 | 4719. | 8.8 | 4541. |
| 23.5 | 4803. | 20.6 | 4472. | 23.5 | 4339. |
| 32.3 | 4595. | 32.3 | 4237. | 35.3 | 4146. |
| 44.1 | 4396. | 44.1 | 4015. | 47.1 | 3785. |
| 50.0 | 4205. | 55.9 | 3804. | 58.8 | 3617. |
| 61.8 | 4023. | 58.8 | 3605. | 61.8 | 3456. |
| 67.6 | 3848. | 67.6 | 3416. | 70.6 | 3302. |
| 73.5 | 3682. | 76.5 | 3237. | 73.5 | 3155. |
| 79.4 | 3369. | 82.3 | 3067. | 82.3 | 3014. |
| 82.3 | 3083. | 88.2 | 2906. | 85.3 | 2880. |
| 88.2 | 2950. | 91.2 | 2754. | 91.2 | 2752. |
| 94.1 | 2822. | 97.1 | 2472. | 97.1 | 2401. |
| 97.1 | 2582. | 100.0 | 2343. | 100.0 | 2294. |
| 100.0 | 2471. | | | | |

| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 5029. | 0.0 | 5077. | 0.0 | 4626. |
| 5.9 | 4605. | 2.9 | 4854. | 8.8 | 4263. |
| 11.8 | 4407. | 8.8 | 4436. | 11.8 | 4092. |
| 17.6 | 4217. | 14.7 | 4241. | 20.6 | 3771. |
| 26.5 | 4036. | 23.5 | 4054. | 32.3 | 3620. |
| 38.2 | 3862. | 32.3 | 3876. | 41.2 | 3475. |
| 50.0 | 3537. | 44.1 | 3705. | 55.9 | 3336. |
| 64.7 | 3385. | 50.0 | 3542. | 67.6 | 3202. |
| 76.5 | 3099. | 61.8 | 3386. | 70.6 | 2951. |
| 79.4 | 2966. | 67.6 | 3237. | 73.5 | 2833. |
| 82.3 | 2838. | 73.5 | 2958. | 76.5 | 2719. |
| 85.3 | 2716. | 79.4 | 2828. | 88.2 | 2610. |
| 91.2 | 2599. | 85.3 | 2704. | 94.1 | 2506. |
| 97.1 | 2278. | 88.2 | 2585. | 97.1 | 2217. |
| 100.0 | 2180. | 97.1 | 2258. | 100.0 | 2128. |
| | | 100.0 | 2159. | | |

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

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

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 4005. | 0.0 | 3904. | 0.0 | 4128. |
| 5.9 | 3487. | 5.9 | 3483. | 2.9 | 4094. |
| 8.8 | 3330. | 11.8 | 3229. | 5.9 | 3545. |
| 17.6 | 3180. | 26.5 | 3108. | 11.8 | 3178. |
| 29.4 | 3036. | 32.3 | 2992. | 29.4 | 3120. |
| 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 | 2633. |
| 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 | 5518. |
| 23.5 | 3301. | 8.8 | 3907. | 17.6 | 5211. |
| 35.3 | 3146. | 26.5 | 3718. | 29.4 | 4921. |
| 41.2 | 2997. | 38.2 | 3539. | 35.3 | 4639. |
| 50.0 | 2856. | 47.1 | 3368. | 38.2 | 4121. |
| 55.9 | 2721. | 52.9 | 3205. | 47.1 | 3885. |
| 58.8 | 2593. | 61.8 | 3051. | 50.0 | 3662. |
| 76.5 | 2470. | 73.5 | 2764. | 58.8 | 3452. |
| 88.2 | 2243. | 76.5 | 2630. | 64.7 | 3254. |
| 94.1 | 2036. | 88.2 | 2503. | 73.5 | 3067. |
| 100.0 | 1940. | 94.1 | 2158. | 82.3 | 2891. |
| | | 100.0 | 2054. | 91.2 | 2569. |
| | | | | 94.1 | 2421. |
| | | | | 97.1 | 2151. |
| | | | | 100.0 | 2028. |

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|-----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 23843. | 0.0 | 40755. | 0.0 | 45489. |
| 2.9 | 15551. | 2.9 | 36036. | 3.8 | 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 | 8131. | 91.2 | 9280. |
| 82.3 | 4802. | 88.2 | 7278. | 94.1 | 8284. |
| 88.2 | 4315. | 91.2 | 5691. | 97.1 | 5892. |
| 94.1 | 3878. | 97.1 | 4449. | 100.0 | 5260. |
| 97.1 | 3485. | 100.0 | 3934. | | |
| 100.0 | 3132. | | | | |
| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 71234. | 0.0 | 77794. | 0.0 | 159551. |
| 2.9 | 64487. | 5.9 | 73102. | 2.9 | 101187. |
| 8.8 | 58380. | 8.8 | 68692. | 5.9 | 92378. |
| 14.7 | 52850. | 11.8 | 64549. | 8.8 | 76994. |
| 23.5 | 47845. | 26.5 | 60656. | 20.6 | 70291. |
| 29.4 | 43313. | 41.2 | 56997. | 32.3 | 64172. |
| 35.3 | 39211. | 44.1 | 53559. | 38.2 | 58586. |
| 52.9 | 35497. | 47.1 | 50329. | 52.9 | 53486. |
| 70.6 | 32135. | 52.9 | 47293. | 70.6 | 48830. |
| 76.5 | 29091. | 61.8 | 44441. | 76.5 | 44579. |
| 79.4 | 23841. | 67.6 | 41760. | 79.4 | 40698. |
| 88.2 | 21583. | 70.6 | 39241. | 91.2 | 37155. |
| 91.2 | 14496. | 79.4 | 36875. | 97.1 | 30968. |
| 97.1 | 11880. | 85.3 | 34650. | 100.0 | 28272. |
| 100.0 | 10755. | 88.2 | 32560. | | |
| | | 91.2 | 27017. | | |
| | | 94.1 | 25387. | | |
| | | 100.0 | 23856. | | |

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

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

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK=43 (22 JUL-28 JUL) | | WEEK=44 (29 JUL-4 AUG) | | WEEK=45 (5 AUG-11 AUG) | |
|----------------------------|--------------------|----------------------------|--------------------|---------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 90572. | 0.0 | 94330. | 0.0 | 111405. |
| 5.9 | 86867. | 5.9 | 89942. | 2.9 | 84361. |
| 8.8 | 79907. | 8.8 | 77966. | 5.9 | 79797. |
| 11.8 | 76639. | 20.6 | 74330. | 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 | 100983. | 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 | 36180. |
| 82.3 | 44781. | 85.3 | 40526. | 88.2 | 33123. |
| 94.1 | 40527. | 94.1 | 36638. | 97.1 | 17822. |
| 97.1 | 22263. | 97.1 | 18085. | 100.0 | 16312. |
| 100.0 | 20148. | 100.0 | 16350. | | |

TABLE 15 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR NATURAL CONDITIONS

| WEEK=49 (2 SEP - 8 SEP) | | WEEK=50 (9 SEP-15 SEP) | |
|------------------------------|--------------------|-----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 60065. | 0.0 | 56593. |
| 8.8 | 56391. | 5.9 | 52854. |
| 11.8 | 52941. | 11.8 | 49362. |
| 17.6 | 49702. | 14.7 | 46100. |
| 20.6 | 46662. | 23.5 | 43055. |
| 32.3 | 43807. | 32.3 | 40210. |
| 35.3 | 38611. | 38.2 | 37554. |
| 47.1 | 36249. | 41.2 | 35072. |
| 61.8 | 34031. | 58.8 | 32755. |
| 73.5 | 31950. | 67.6 | 30591. |
| 79.4 | 29995. | 73.5 | 28570. |
| 82.3 | 28160. | 76.5 | 26682. |
| 88.2 | 26437. | 82.3 | 24920. |
| 91.2 | 24820. | 88.2 | 23273. |
| 94.1 | 23302. | 94.1 | 20300. |
| 97.1 | 19281. | 97.1 | 16536. |
| 100.0 | 18102. | 100.0 | 15444. |
| WEEK=51 (16 SEP-22 SEP) | | WEEK=52 (23 SEP-30 SEP) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 76233. | 0.0 | 79129. |
| 2.9 | 52508. | 2.9 | 48651. |
| 8.8 | 43578. | 8.8 | 44141. |
| 17.6 | 39700. | 11.8 | 40049. |
| 20.6 | 36167. | 23.5 | 36337. |
| 35.3 | 32048. | 32.3 | 32968. |
| 47.1 | 30016. | 38.2 | 29912. |
| 55.9 | 27345. | 47.1 | 27139. |
| 67.6 | 24011. | 64.7 | 24623. |
| 76.5 | 22694. | 79.4 | 22341. |
| 91.2 | 18835. | 85.3 | 18391. |
| 97.1 | 14240. | 91.2 | 15130. |
| 100.0 | 12073. | 94.1 | 13736. |
| | | 100.0 | 12463. |

TABLE 16

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12083. | 0.0 | 11583. | 0.0 | 10439. |
| 5.9 | 11105. | 5.9 | 10292. | 2.9 | 10145. |
| 8.8 | 10645. | 11.8 | 9894. | 5.9 | 9581. |
| 11.8 | 10205. | 17.6 | 9512. | 8.8 | 9311. |
| 17.6 | 9783. | 38.2 | 9145. | 20.6 | 9049. |
| 20.6 | 9379. | 47.1 | 8792. | 23.5 | 8794. |
| 32.3 | 8991. | 50.0 | 8452. | 32.3 | 8546. |
| 50.0 | 8619. | 52.9 | 8126. | 47.1 | 8305. |
| 58.8 | 8263. | 64.7 | 7812. | 61.8 | 8071. |
| 70.6 | 7921. | 73.5 | 7510. | 67.6 | 7843. |
| 73.5 | 7594. | 79.4 | 7220. | 70.6 | 7622. |
| 76.5 | 7280. | 85.3 | 6941. | 82.3 | 7408. |
| 85.3 | 6979. | 91.2 | 6416. | 85.3 | 7199. |
| 88.2 | 6690. | 97.1 | 5701. | 91.2 | 6799. |
| 91.2 | 6148. | 100.0 | 5481. | 94.1 | 6607. |
| 97.1 | 5650. | | | 97.1 | 6240. |
| 100.0 | 5417. | | | 100.0 | 6064. |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 9939. | 0.0 | 9510. | 0.0 | 9939. |
| 2.9 | 9730. | 5.9 | 8932. | 2.9 | 9461. |
| 5.9 | 9128. | 11.8 | 8566. | 5.9 | 9231. |
| 8.8 | 8935. | 29.4 | 8389. | 8.8 | 9006. |
| 11.8 | 8747. | 35.3 | 8216. | 11.8 | 8787. |
| 20.6 | 8563. | 47.1 | 8046. | 14.7 | 8573. |
| 26.5 | 8382. | 58.8 | 7879. | 20.6 | 8364. |
| 41.2 | 8206. | 64.7 | 7716. | 26.5 | 8161. |
| 55.9 | 8033. | 67.6 | 7557. | 44.1 | 7768. |
| 67.6 | 7864. | 73.5 | 7401. | 50.0 | 7579. |
| 70.6 | 7698. | 82.3 | 7098. | 58.8 | 7394. |
| 76.5 | 7536. | 88.2 | 6807. | 73.5 | 7214. |
| 79.4 | 7377. | 97.1 | 6529. | 76.5 | 7039. |
| 85.3 | 7070. | 100.0 | 6394. | 82.3 | 6867. |
| 94.1 | 6921. | | | 91.2 | 6700. |
| 97.1 | 6775. | | | 94.1 | 6578. |
| 100.0 | 6632. | | | 100.0 | 6223. |

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 46189. | 0.0 | 98184. | 0.0 | 92950. |
| 5.9 | 40519. | 2.9 | 87137. | 8.8 | 87595. |
| 8.8 | 35546. | 11.8 | 77334. | 14.7 | 82548. |
| 17.6 | 31183. | 14.7 | 68633. | 23.5 | 77791. |
| 23.5 | 27355. | 26.5 | 60911. | 26.5 | 69085. |
| 29.4 | 23997. | 32.3 | 54058. | 38.2 | 65105. |
| 41.2 | 21052. | 35.3 | 47976. | 44.1 | 61354. |
| 47.1 | 16201. | 50.0 | 42578. | 52.9 | 57818. |
| 52.9 | 14212. | 52.9 | 33536. | 70.6 | 54487. |
| 58.8 | 12468. | 55.9 | 29763. | 76.5 | 51348. |
| 61.8 | 10937. | 64.7 | 26414. | 79.4 | 42974. |
| 73.5 | 9595. | 67.6 | 23442. | 82.3 | 40498. |
| 76.5 | 8417. | 70.6 | 20805. | 88.2 | 35965. |
| 82.3 | 7384. | 76.5 | 18464. | 91.2 | 33893. |
| 85.3 | 6477. | 82.3 | 16387. | 97.1 | 31940. |
| 94.1 | 5682. | 91.2 | 14543. | 100.0 | 30100. |
| 97.1 | 4373. | 94.1 | 11455. | | |
| 100.0 | 3836. | 100.0 | 10166. | | |
| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 98572. | 0.0 | 128642. | 0.0 | 158302. |
| 5.9 | 94532. | 5.9 | 121860. | 2.9 | 150919. |
| 8.8 | 90657. | 11.8 | 115436. | 5.9 | 143881. |
| 14.7 | 86941. | 23.5 | 109351. | 17.6 | 130774. |
| 20.6 | 83378. | 35.3 | 98126. | 23.5 | 118860. |
| 29.4 | 79961. | 44.1 | 88053. | 29.4 | 113317. |
| 41.2 | 76683. | 55.9 | 83411. | 41.2 | 108032. |
| 50.0 | 73540. | 58.8 | 79014. | 52.9 | 102994. |
| 55.9 | 70526. | 64.7 | 74848. | 64.7 | 98191. |
| 64.7 | 67636. | 70.6 | 70903. | 73.5 | 93612. |
| 67.6 | 64863. | 79.4 | 67165. | 79.4 | 85084. |
| 82.3 | 62205. | 82.3 | 63624. | 85.3 | 81116. |
| 85.3 | 59655. | 94.1 | 57093. | 88.2 | 77333. |
| 88.2 | 57210. | 97.1 | 48531. | 94.1 | 70288. |
| 91.2 | 48392. | 100.0 | 45973. | 97.1 | 67010. |
| 97.1 | 46409. | | | 100.0 | 63885. |
| 100.0 | 44506. | | | | |

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

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

TABLE 16 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR NATURAL CONDITIONS

| WEEK=49 (2 SEP- 8 SEP) | | WEEK=50 (9 SEP-15 SEP) | |
|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 100655. | 0.0 | 101944. |
| 5.9 | 96169. | 8.8 | 96824. |
| 8.8 | 91883. | 14.7 | 91962. |
| 11.8 | 87788. | 20.6 | 87343. |
| 20.6 | 83875. | 26.5 | 82957. |
| 26.5 | 76566. | 29.4 | 78791. |
| 44.1 | 73153. | 35.3 | 74834. |
| 50.0 | 69893. | 44.1 | 71076. |
| 58.8 | 66778. | 50.0 | 67506. |
| 67.6 | 63802. | 58.8 | 64116. |
| 73.5 | 60959. | 64.7 | 57838. |
| 79.4 | 55646. | 76.5 | 54933. |
| 82.3 | 53166. | 79.4 | 52175. |
| 85.3 | 48533. | 82.3 | 47066. |
| 91.2 | 46370. | 85.3 | 44702. |
| 94.1 | 44303. | 88.2 | 40325. |
| 100.0 | 42329. | 100.0 | 38300. |
| WEEK=51 (16 SEP-22 SEP) | | WEEK=52 (23 SEP-30 SEP) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 174746. | 0.0 | 116180. |
| 2.9 | 147415. | 5.9 | 107880. |
| 8.8 | 114220. | 20.6 | 100172. |
| 11.8 | 104908. | 23.5 | 93015. |
| 14.7 | 96356. | 32.3 | 86369. |
| 26.5 | 88500. | 35.3 | 80199. |
| 32.3 | 81285. | 38.2 | 74469. |
| 41.2 | 74658. | 41.2 | 69148. |
| 44.1 | 68572. | 47.1 | 64208. |
| 52.9 | 62981. | 52.9 | 59620. |
| 67.6 | 57847. | 61.8 | 55361. |
| 73.5 | 53131. | 64.7 | 51405. |
| 79.4 | 44821. | 73.5 | 47733. |
| 88.2 | 41167. | 76.5 | 44322. |
| 91.2 | 37811. | 82.3 | 41156. |
| 100.0 | 34728. | 88.2 | 38215. |
| | | 91.2 | 35485. |
| | | 94.1 | 30596. |
| | | 100.0 | 28410. |

TABLE 17
FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

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

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

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK= 7 (12 NOV-18 NOV) | | WEEK= 8 (19 NOV-25 NOV) | | WEEK= 9 (26 NOV- 2 DEC) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12312. | 0.0 | 12493. | 0.0 | 12375. |
| 2.9 | 11307. | 20.6 | 11963. | 23.5 | 11804. |
| 8.8 | 10836. | 38.2 | 11455. | 47.1 | 11259. |
| 23.5 | 10384. | 52.9 | 10969. | 73.5 | 10739. |
| 44.1 | 9951. | 73.5 | 10504. | 79.4 | 8479. |
| 61.8 | 9536. | 79.4 | 5979. | 82.3 | 5541. |
| 73.5 | 9139. | 85.3 | 5725. | 88.2 | 5285. |
| 79.4 | 5970. | 100.0 | 5483. | 100.0 | 5041. |
| 85.3 | 5721. | | | | |
| 100.0 | 5483. | | | | |
| WEEK=10 (3 DEC- 9 DEC) | | WEEK=11 (10 DEC-16 DEC) | | WEEK=12 (17 DEC-23 DEC) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12541. | 0.0 | 12490. | 0.0 | 12396. |
| 11.8 | 11953. | 5.9 | 11923. | 2.9 | 11837. |
| 35.3 | 11393. | 29.4 | 11383. | 29.4 | 11303. |
| 58.8 | 10859. | 52.9 | 10867. | 58.8 | 10793. |
| 76.5 | 10350. | 76.5 | 10374. | 82.3 | 10305. |
| 82.3 | 9865. | 85.3 | 9455. | 91.2 | 5654. |
| 85.3 | 5547. | 88.2 | 8617. | 94.1 | 5398. |
| 91.2 | 5287. | 91.2 | 5418. | 100.0 | 5155. |
| 100.0 | 5039. | 100.0 | 5173. | | |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12374. | 0.0 | 11549. | 0.0 | 10192. |
| 2.9 | 11837. | 5.9 | 11156. | 14.7 | 9910. |
| 20.6 | 11323. | 17.6 | 10777. | 32.3 | 9636. |
| 50.0 | 10831. | 35.3 | 10411. | 47.1 | 9369. |
| 76.5 | 10361. | 55.9 | 10058. | 61.8 | 9109. |
| 94.1 | 5565. | 73.5 | 9716. | 73.5 | 8857. |
| 100.0 | 5324. | 91.2 | 9386. | 91.2 | 8612. |
| | | 94.1 | 6200. | 94.1 | 6323. |
| | | 100.0 | 5989. | 97.1 | 6148. |
| | | | | 100.0 | 5978. |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 10263. | 0.0 | 9848. | 0.0 | 9453. |
| 11.8 | 9975. | 8.8 | 9592. | 11.8 | 9188. |
| 20.6 | 9695. | 11.8 | 9342. | 17.6 | 8931. |
| 41.2 | 9423. | 23.5 | 9099. | 35.3 | 8680. |
| 61.8 | 9158. | 47.1 | 8862. | 58.8 | 8437. |
| 67.6 | 8901. | 64.7 | 8631. | 70.6 | 8201. |
| 88.2 | 8651. | 73.5 | 8407. | 88.2 | 7971. |
| 94.1 | 6324. | 88.2 | 8188. | 94.1 | 5830. |
| 97.1 | 6147. | 94.1 | 6290. | 97.1 | 5666. |
| 100.0 | 5974. | 97.1 | 6126. | 100.0 | 5507. |
| | | 100.0 | 5967. | | |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK=19 (4 FEB-10 FEB) | | WEEK=20 (11 FEB-17 FEB) | | WEEK=21 (18 FEB-24 FEB) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 10206. | 0.0 | 8945. | 0.0 | 9656. |
| 5.9 | 9881. | 11.8 | 8720. | 8.8 | 9377. |
| 17.6 | 9566. | 20.6 | 8501. | 20.6 | 9106. |
| 41.2 | 9261. | 47.1 | 8288. | 50.0 | 8844. |
| 61.8 | 8966. | 61.8 | 8080. | 61.8 | 8588. |
| 79.4 | 8680. | 67.6 | 7877. | 85.3 | 8341. |
| 94.1 | 5885. | 85.3 | 7679. | 94.1 | 5869. |
| 97.1 | 5697. | 94.1 | 5955. | 97.1 | 5700. |
| 100.0 | 5515. | 97.1 | 5660. | 100.0 | 5535. |
| | | 100.0 | 5517. | | |
| WEEK=22 (25 FEB- 3 MAR) | | WEEK=23 (4 MAR-10 MAR) | | WEEK=24 (11 MAR-17 MAR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 9749. | 0.0 | 9692. | 0.0 | 8802. |
| 8.8 | 9412. | 11.8 | 9359. | 11.8 | 8543. |
| 38.2 | 9086. | 35.3 | 9039. | 29.4 | 8292. |
| 61.8 | 8772. | 64.7 | 8729. | 47.1 | 8049. |
| 94.1 | 7356. | 97.1 | 5172. | 67.6 | 7812. |
| 97.1 | 5174. | 100.0 | 4995. | 94.1 | 7583. |
| 100.0 | 4995. | | | 97.1 | 5146. |
| | | | | 100.0 | 4995. |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|---------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 10827. | 0.0 | 10898. | 0.0 | 10133. |
| 17.6 | 10395. | 5.9 | 10460. | 2.9 | 9763. |
| 52.9 | 9980. | 32.3 | 10039. | 5.9 | 9406. |
| 94.1 | 9582. | 61.8 | 9635. | 20.6 | 9062. |
| 97.1 | 5203. | 97.1 | 5204. | 50.0 | 8731. |
| 100.0 | 4995. | 100.0 | 4995. | 82.3 | 8412. |
| | | | | 97.1 | 5184. |
| | | | | 100.0 | 4995. |

| WEEK=28 (8 APR-14 APR) | | WEEK=29 (15 APR-21 APR) | | WEEK=30 (22 APR-28 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 8067. | 0.0 | 5073. | 0.0 | 5110. |
| 2.9 | 7481. | 2.9 | 5051. | 2.9 | 5092. |
| 8.8 | 7296. | 5.9 | 5004. | 5.9 | 5073. |
| 20.6 | 7115. | 100.0 | 4995. | 8.8 | 5049. |
| 35.3 | 6938. | | | 11.8 | 5037. |
| 41.2 | 6766. | | | 14.7 | 5031. |
| 58.8 | 6598. | | | 17.6 | 5001. |
| 82.3 | 6435. | | | 100.0 | 4995. |
| 94.1 | 6275. | | | | |
| 97.1 | 5132. | | | | |
| 100.0 | 5005. | | | | |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 6649. | 0.0 | 7640. | 0.0 | 7860. |
| 2.9 | 6027. | 2.9 | 7543. | 2.9 | 7639. |
| 100.0 | 5994. | 5.9 | 7167. | 8.8 | 7531. |
| | | 8.8 | 7076. | 17.6 | 7424. |
| | | 11.8 | 6639. | 23.5 | 7319. |
| | | 14.7 | 6471. | 26.5 | 7215. |
| | | 20.6 | 6389. | 29.4 | 7113. |
| | | 23.5 | 6308. | 32.3 | 7012. |
| | | 26.5 | 6228. | 35.3 | 6815. |
| | | 29.4 | 6071. | 47.1 | 6623. |
| | | 100.0 | 5994. | 52.9 | 6530. |
| | | | | 58.8 | 6437. |
| | | | | 67.6 | 6346. |
| | | | | 70.6 | 6256. |
| | | | | 73.5 | 6167. |
| | | | | 76.5 | 6080. |
| | | | | 100.0 | 5994. |

| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 13911. | 0.0 | 14494. | 0.0 | 15059. |
| 2.9 | 9759. | 2.9 | 9107. | 2.9 | 13021. |
| 8.8 | 9336. | 5.9 | 8693. | 5.9 | 12404. |
| 14.7 | 8931. | 8.8 | 8298. | 8.8 | 11258. |
| 20.6 | 8544. | 20.6 | 7922. | 14.7 | 10725. |
| 23.5 | 8174. | 32.3 | 7562. | 17.6 | 9734. |
| 32.3 | 7820. | 35.3 | 7218. | 20.6 | 9273. |
| 47.1 | 7481. | 41.2 | 6891. | 23.5 | 8834. |
| 55.9 | 7156. | 55.9 | 6578. | 26.5 | 8416. |
| 67.6 | 6846. | 70.6 | 6279. | 29.4 | 8018. |
| 76.5 | 6549. | 100.0 | 5994. | 35.3 | 7638. |
| 85.3 | 6266. | | | 50.0 | 7277. |
| 100.0 | 5994. | | | 64.7 | 6932. |
| | | | | 67.6 | 6604. |
| | | | | 76.5 | 6292. |
| | | | | 100.0 | 5994. |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

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

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

| WEEK=43 (22 JUL-28 JUL) | | WEEK=44 (29 JUL- 4 AUG) | | WEEK=45 (5 AUG-11 AUG) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 14885. | 0.0 | 26700. | 0.0 | 36193. |
| 8.8 | 14224. | 5.9 | 20788. | 2.9 | 30399. |
| 17.6 | 13592. | 11.8 | 15203. | 5.9 | 25532. |
| 41.2 | 12989. | 17.6 | 14281. | 8.8 | 24090. |
| 44.1 | 12412. | 26.5 | 13415. | 11.8 | 21444. |
| 50.0 | 11861. | 50.0 | 12601. | 14.7 | 16994. |
| 52.9 | 8247. | 67.6 | 11837. | 17.6 | 14273. |
| 61.8 | 7881. | 70.6 | 9216. | 20.6 | 13467. |
| 64.7 | 7531. | 73.5 | 8657. | 41.2 | 12706. |
| 67.6 | 7196. | 100.0 | 8132. | 100.0 | 11988. |
| 85.3 | 6877. | | | | |
| 94.1 | 6572. | | | | |
| 100.0 | 6280. | | | | |
| WEEK=46 (12 AUG-18 AUG) | | WEEK=47 (19 AUG-25 AUG) | | WEEK=48 (26 AUG- 1 SEP) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 41765. | 0.0 | 38898. | 0.0 | 38827. |
| 5.9 | 36623. | 5.9 | 34365. | 5.9 | 30317. |
| 8.8 | 26370. | 8.8 | 25211. | 8.8 | 26789. |
| 11.8 | 23123. | 14.7 | 23697. | 14.7 | 23672. |
| 20.6 | 20276. | 20.6 | 22274. | 20.6 | 19663. |
| 23.5 | 17780. | 23.5 | 20936. | 26.5 | 18483. |
| 26.5 | 16649. | 32.3 | 19678. | 32.3 | 17375. |
| 32.3 | 14599. | 35.3 | 17385. | 38.2 | 16333. |
| 38.2 | 13671. | 52.9 | 15359. | 44.1 | 15353. |
| 44.1 | 12802. | 55.9 | 14436. | 50.0 | 14432. |
| 100.0 | 11988. | 58.8 | 12754. | 58.8 | 12753. |
| | | 100.0 | 11988. | 100.0 | 11988. |

TABLE 17 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 1996 LOAD CONDITIONS

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

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

TABLE 18
FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 15166. | 0.0 | 15129. | 0.0 | 13238. |
| 8.8 | 14600. | 2.9 | 14149. | 2.9 | 12889. |
| 20.6 | 14054. | 11.8 | 13683. | 5.9 | 12550. |
| 44.1 | 13529. | 17.6 | 13232. | 14.7 | 12219. |
| 67.6 | 13024. | 32.3 | 12796. | 35.3 | 11897. |
| 76.5 | 12537. | 52.9 | 12375. | 47.1 | 11584. |
| 91.2 | 12069. | 64.7 | 11967. | 58.8 | 11279. |
| 94.1 | 7939. | 82.3 | 11573. | 70.6 | 10982. |
| 97.1 | 7642. | 91.2 | 11192. | 82.3 | 10692. |
| 100.0 | 7357. | 94.1 | 8279. | 91.2 | 10136. |
| | | 100.0 | 8006. | 94.1 | 8187. |
| | | | | 100.0 | 7971. |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12819. | 0.0 | 12422. | 0.0 | 11748. |
| 5.9 | 12491. | 2.9 | 12110. | 8.8 | 11438. |
| 11.8 | 12172. | 8.8 | 11805. | 17.6 | 11137. |
| 23.5 | 11861. | 17.6 | 11508. | 23.5 | 10844. |
| 47.1 | 11557. | 32.3 | 11218. | 47.1 | 10558. |
| 52.9 | 11262. | 50.0 | 10936. | 67.6 | 10280. |
| 73.5 | 10974. | 67.6 | 10661. | 73.5 | 10009. |
| 76.5 | 10694. | 73.5 | 10393. | 82.3 | 9745. |
| 88.2 | 10420. | 76.5 | 10131. | 91.2 | 9489. |
| 91.2 | 10154. | 91.2 | 9628. | 94.1 | 7664. |
| 94.1 | 8043. | 94.1 | 8055. | 97.1 | 7265. |
| 100.0 | 7837. | 97.1 | 7852. | 100.0 | 7074. |
| | | 100.0 | 7654. | | |

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|---------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12765. | 0.0 | 12700. | 0.0 | 12358. |
| 5.9 | 12330. | 5.9 | 12271. | 2.9 | 11577. |
| 29.4 | 11911. | 20.6 | 11857. | 5.9 | 11205. |
| 52.9 | 11506. | 47.1 | 11456. | 26.5 | 10845. |
| 73.5 | 11114. | 70.6 | 11069. | 47.1 | 10496. |
| 94.1 | 10736. | 91.2 | 10696. | 55.9 | 10159. |
| 97.1 | 6845. | 97.1 | 6843. | 79.4 | 9833. |
| 100.0 | 6612. | 100.0 | 6612. | 94.1 | 9517. |
| | | | | 97.1 | 6865. |
| | | | | 100.0 | 6644. |

| WEEK=28 (8 APR-14 APR) | | WEEK=29 (15 APR-21 APR) | | WEEK=30 (22 APR-28 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 10424. | 0.0 | 7899. | 0.0 | 8907. |
| 2.9 | 9524. | 2.9 | 7606. | 5.9 | 8410. |
| 5.9 | 9103. | 5.9 | 7511. | 8.8 | 8251. |
| 20.6 | 8900. | 11.8 | 7417. | 17.6 | 8095. |
| 35.3 | 8701. | 17.6 | 7143. | 29.4 | 7942. |
| 44.1 | 8506. | 35.3 | 6965. | 32.3 | 7791. |
| 52.9 | 8316. | 38.2 | 6878. | 38.2 | 7357. |
| 58.8 | 8131. | 58.8 | 6792. | 47.1 | 7218. |
| 82.3 | 7949. | 61.8 | 6707. | 50.0 | 7081. |
| 85.3 | 7771. | 64.7 | 6624. | 58.8 | 6947. |
| 91.2 | 7598. | 79.4 | 6541. | 70.6 | 6815. |
| 97.1 | 6941. | 88.2 | 6459. | 76.5 | 6686. |
| 100.0 | 6786. | 94.1 | 6299. | 88.2 | 6559. |
| | | 100.0 | 6220. | 94.1 | 6435. |
| | | | | 97.1 | 6313. |
| | | | | 100.0 | 6194. |

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

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

TABLE 18 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 1996 LOAD CONDITIONS

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

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

TABLE 19

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK= 1 (1 OCT- 7 OCT) | | WEEK= 2 (8 OCT-14 OCT) | | WEEK= 3 (15 OCT-21 OCT) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 69321. | 0.0 | 87119. | 0.0 | 60477. |
| 11.8 | 60495. | 2.9 | 73427. | 8.8 | 56546. |
| 20.6 | 52792. | 5.9 | 61888. | 11.8 | 46221. |
| 29.4 | 49317. | 8.8 | 56817. | 14.7 | 43217. |
| 38.2 | 46070. | 14.7 | 52161. | 17.6 | 40408. |
| 47.1 | 43038. | 23.5 | 47887. | 23.5 | 37782. |
| 50.0 | 40204. | 35.3 | 43964. | 38.2 | 35326. |
| 52.9 | 37558. | 47.1 | 40361. | 55.9 | 33030. |
| 55.9 | 35085. | 64.7 | 37054. | 67.6 | 30883. |
| 64.7 | 32776. | 67.6 | 34018. | 70.6 | 28876. |
| 79.4 | 30618. | 79.4 | 31231. | 73.5 | 26999. |
| 88.2 | 26720. | 85.3 | 28672. | 88.2 | 25244. |
| 91.2 | 24961. | 88.2 | 26323. | 91.2 | 20635. |
| 97.1 | 20349. | 91.2 | 22186. | 97.1 | 18040. |
| 100.0 | 19009. | 94.1 | 18699. | 100.0 | 16867. |
| | | 100.0 | 17167. | | |
| WEEK= 4 (22 OCT-28 OCT) | | WEEK= 5 (29 OCT- 4 NOV) | | WEEK= 6 (5 NOV-11 NOV) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 52258. | 0.0 | 44524. | 0.0 | 44666. |
| 2.9 | 45558. | 2.9 | 37086. | 2.9 | 37030. |
| 8.8 | 42537. | 5.9 | 34893. | 5.9 | 30699. |
| 14.7 | 39716. | 8.8 | 32831. | 8.8 | 28839. |
| 20.6 | 34624. | 11.8 | 30890. | 17.6 | 27092. |
| 29.4 | 32328. | 20.6 | 29064. | 29.4 | 25451. |
| 38.2 | 30184. | 35.3 | 25730. | 41.2 | 23909. |
| 47.1 | 28183. | 50.0 | 24209. | 44.1 | 22460. |
| 61.8 | 26314. | 61.8 | 22778. | 58.8 | 21100. |
| 73.5 | 24569. | 64.7 | 21431. | 70.6 | 19821. |
| 79.4 | 22940. | 73.5 | 20165. | 73.5 | 18621. |
| 82.3 | 21419. | 85.3 | 18973. | 85.3 | 16433. |
| 88.2 | 19998. | 88.2 | 17851. | 88.2 | 15437. |
| 91.2 | 18672. | 94.1 | 15803. | 97.1 | 14502. |
| 94.1 | 17434. | 97.1 | 14869. | 100.0 | 13623. |
| 97.1 | 15199. | 100.0 | 13990. | | |
| 100.0 | 14191. | | | | |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

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

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 21306. | 0.0 | 20191. | 0.0 | 18229. |
| 5.9 | 20473. | 5.9 | 19046. | 5.9 | 17452. |
| 11.8 | 19672. | 14.7 | 18498. | 8.8 | 17075. |
| 20.6 | 18903. | 26.5 | 17966. | 23.5 | 16707. |
| 35.3 | 18164. | 47.1 | 17449. | 32.3 | 16347. |
| 58.8 | 17453. | 52.9 | 16947. | 52.9 | 15994. |
| 70.6 | 16771. | 61.8 | 16460. | 64.7 | 15649. |
| 85.3 | 16115. | 70.6 | 15986. | 73.5 | 15312. |
| 88.2 | 15484. | 85.3 | 15526. | 82.3 | 14982. |
| 94.1 | 11711. | 88.2 | 15079. | 88.2 | 14658. |
| 97.1 | 10390. | 91.2 | 14224. | 91.2 | 14033. |
| 100.0 | 9984. | 94.1 | 12657. | 94.1 | 12861. |
| | | 97.1 | 11939. | 97.1 | 12312. |
| | | 100.0 | 11595. | 100.0 | 12047. |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 17729. | 0.0 | 16855. | 0.0 | 17061. |
| 2.9 | 17395. | 5.9 | 16278. | 2.9 | 16722. |
| 5.9 | 17067. | 11.8 | 15996. | 5.9 | 16390. |
| 8.8 | 16746. | 29.4 | 15720. | 8.8 | 16065. |
| 17.6 | 16430. | 44.1 | 15448. | 11.8 | 15746. |
| 29.4 | 16121. | 55.9 | 15182. | 23.5 | 15433. |
| 52.9 | 15817. | 64.7 | 14919. | 32.3 | 15127. |
| 67.6 | 15519. | 73.5 | 14661. | 44.1 | 14827. |
| 73.5 | 15227. | 79.4 | 14408. | 55.9 | 14532. |
| 82.3 | 14940. | 85.3 | 14159. | 73.5 | 14244. |
| 88.2 | 14659. | 91.2 | 13915. | 76.5 | 13961. |
| 94.1 | 13078. | 94.1 | 12754. | 85.3 | 13684. |
| 97.1 | 12590. | 97.1 | 12317. | 91.2 | 13412. |
| 100.0 | 12353. | 100.0 | 12104. | 94.1 | 11891. |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

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

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 17612. | 0.0 | 17676. | 0.0 | 17206. |
| 2.9 | 17112. | 2.9 | 16658. | 2.9 | 16744. |
| 5.9 | 16627. | 14.7 | 15699. | 5.9 | 15432. |
| 11.8 | 16156. | 35.3 | 15240. | 8.8 | 15018. |
| 20.6 | 15698. | 47.1 | 14795. | 17.6 | 14615. |
| 35.3 | 15253. | 64.7 | 14362. | 26.5 | 14222. |
| 55.9 | 14821. | 76.5 | 13943. | 41.2 | 13841. |
| 67.6 | 14401. | 94.1 | 13535. | 52.9 | 13469. |
| 88.2 | 13993. | 97.1 | 10365. | 70.6 | 13108. |
| 97.1 | 10496. | 100.0 | 10062. | 82.3 | 12756. |
| 100.0 | 10199. | | | 94.1 | 12413. |
| | | | | 97.1 | 10544. |
| | | | | 100.0 | 10261. |
| WEEK=28 (8 APR-14 APR) | | WEEK=29 (15 APR-21 APR) | | WEEK=30 (22 APR-28 APR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 15932. | 0.0 | 15545. | 0.0 | 20856. |
| 2.9 | 14008. | 2.9 | 13544. | 2.9 | 18163. |
| 5.9 | 13652. | 5.9 | 12642. | 5.9 | 16564. |
| 14.7 | 13305. | 11.8 | 11801. | 8.8 | 15819. |
| 17.6 | 12637. | 26.5 | 11401. | 11.8 | 15106. |
| 23.5 | 12316. | 32.3 | 11015. | 20.6 | 13776. |
| 38.2 | 12003. | 35.3 | 10642. | 26.5 | 13156. |
| 47.1 | 11698. | 38.2 | 10282. | 29.4 | 12564. |
| 50.0 | 11401. | 55.9 | 9934. | 38.2 | 11998. |
| 58.8 | 11111. | 64.7 | 9597. | 41.2 | 11458. |
| 73.5 | 10829. | 82.3 | 9272. | 52.9 | 10942. |
| 88.2 | 10554. | 91.2 | 8958. | 67.6 | 10449. |
| 97.1 | 10024. | 94.1 | 8655. | 76.5 | 9979. |
| 100.0 | 9769. | 97.1 | 8362. | 91.2 | 9529. |
| | | 100.0 | 8079. | 97.1 | 9100. |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|-----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 47362. | 0.0 | 90854. | 0.0 | 84890. |
| 5.9 | 43156. | 5.9 | 81389. | 8.8 | 79340. |
| 8.8 | 39322. | 14.7 | 72911. | 14.7 | 74153. |
| 11.8 | 35830. | 20.6 | 58511. | 20.6 | 69305. |
| 14.7 | 32647. | 26.5 | 52416. | 26.5 | 64774. |
| 20.6 | 29747. | 35.3 | 46956. | 32.3 | 60539. |
| 23.5 | 27105. | 38.2 | 42064. | 38.2 | 56582. |
| 38.2 | 24698. | 47.1 | 37682. | 47.1 | 52882. |
| 41.2 | 22504. | 50.0 | 33757. | 61.8 | 49425. |
| 44.1 | 18684. | 52.9 | 30240. | 70.6 | 46194. |
| 52.9 | 17024. | 61.8 | 27090. | 73.5 | 43174. |
| 58.8 | 15512. | 67.6 | 24268. | 82.3 | 37713. |
| 61.8 | 14134. | 73.5 | 21740. | 91.2 | 35248. |
| 67.6 | 12879. | 85.3 | 19475. | 94.1 | 26895. |
| 79.4 | 11735. | 88.2 | 17446. | 97.1 | 25137. |
| 91.2 | 10693. | 91.2 | 14001. | 100.0 | 23493. |
| 94.1 | 8877. | 97.1 | 12542. | | |
| 100.0 | 8089. | 100.0 | 11236. | | |
| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 84200. | 0.0 | 112509. | 0.0 | 13191. |
| 8.8 | 80022. | 5.9 | 103915. | 5.9 | 124635. |
| 14.7 | 76052. | 17.6 | 95978. | 8.8 | 117723. |
| 17.6 | 72278. | 23.5 | 88647. | 14.7 | 105026. |
| 23.5 | 68692. | 29.4 | 81876. | 32.3 | 93699. |
| 35.3 | 65283. | 44.1 | 75623. | 44.1 | 88502. |
| 47.1 | 62044. | 55.9 | 69846. | 58.8 | 83593. |
| 52.9 | 58965. | 58.8 | 64512. | 64.7 | 78957. |
| 67.6 | 56039. | 67.6 | 59584. | 70.6 | 74577. |
| 70.6 | 53259. | 76.5 | 55033. | 79.4 | 70441. |
| 79.4 | 50616. | 85.3 | 50830. | 82.3 | 66534. |
| 94.1 | 48105. | 91.2 | 46947. | 85.3 | 62844. |
| 97.1 | 33688. | 94.1 | 43361. | 91.2 | 59358. |
| 100.0 | 32016. | 97.1 | 26919. | 94.1 | 56066. |
| | | 100.0 | 24863. | 97.1 | 47245. |
| | | | | 100.0 | 44624. |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=37 (10 JUN-16 JUN) | | WEEK=38 (17 JUN-23 JUN) | | WEEK=39 (24 JUN-30 JUN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 148210. | 0.0 | 147702. | 0.0 | 152001. |
| 5.9 | 138026. | 2.9 | 128563. | 5.9 | 128184. |
| 8.8 | 128541. | 8.8 | 122751. | 8.8 | 123889. |
| 11.8 | 111482. | 17.6 | 117202. | 17.6 | 119737. |
| 17.6 | 103821. | 20.6 | 111904. | 23.5 | 115725. |
| 29.4 | 96686. | 23.5 | 106845. | 32.3 | 111847. |
| 35.3 | 90042. | 29.4 | 102015. | 41.2 | 108099. |
| 47.1 | 83855. | 38.2 | 97403. | 67.6 | 104477. |
| 61.8 | 78093. | 50.0 | 93000. | 70.6 | 100976. |
| 73.5 | 72726. | 67.6 | 88796. | 82.3 | 97592. |
| 82.3 | 67729. | 73.5 | 84782. | 85.3 | 94322. |
| 85.3 | 63074. | 82.3 | 80949. | 94.1 | 85154. |
| 91.2 | 58740. | 85.3 | 77290. | 97.1 | 82300. |
| 94.1 | 54704. | 88.2 | 67275. | 100.0 | 79542. |
| 97.1 | 41147. | 97.1 | 64233. | | |
| 100.0 | 38320. | 100.0 | 61330. | | |
| WEEK=40 (1 JUL- 7 JUL) | | WEEK=41 (8 JUL-14 JUL) | | WEEK=42 (15 JUL-21 JUL) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 144825. | 0.0 | 172483. | 0.0 | 171636. |
| 5.9 | 140460. | 2.9 | 151939. | 2.9 | 164585. |
| 8.8 | 136227. | 5.9 | 145649. | 8.8 | 157824. |
| 11.8 | 132121. | 11.8 | 139621. | 11.8 | 151340. |
| 14.7 | 128139. | 26.5 | 133841. | 14.7 | 145123. |
| 17.6 | 124278. | 32.3 | 128301. | 17.6 | 139161. |
| 23.5 | 120532. | 35.3 | 122990. | 23.5 | 133445. |
| 26.5 | 116899. | 44.1 | 117900. | 26.5 | 127963. |
| 32.3 | 113376. | 50.0 | 113019. | 32.3 | 122706. |
| 47.1 | 109959. | 61.8 | 108341. | 38.2 | 117665. |
| 50.0 | 103431. | 70.6 | 103857. | 50.0 | 112831. |
| 61.8 | 100314. | 73.5 | 99558. | 64.7 | 108196. |
| 67.6 | 97291. | 79.4 | 95437. | 73.5 | 103751. |
| 70.6 | 94358. | 85.3 | 91486. | 79.4 | 99489. |
| 76.5 | 91515. | 94.1 | 87699. | 82.3 | 91483. |
| 85.3 | 88756. | 97.1 | 80589. | 85.3 | 87725. |
| 91.2 | 86081. | 100.0 | 77254. | 88.2 | 80665. |
| 94.1 | 83487. | | | 100.0 | 77352. |
| 100.0 | 80971. | | | | |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=43 (22 JUL-28 JUL) | | WEEK=44 (29 JUL- 4 AUG) | | WEEK=45 (5 AUG-11 AUG) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 166982. | 0.0 | 175996. | 0.0 | 163454. |
| 2.9 | 159960. | 2.9 | 162283. | 5.9 | 144202. |
| 5.9 | 153233. | 5.9 | 155832. | 8.8 | 139754. |
| 11.8 | 146789. | 8.8 | 149638. | 11.8 | 135444. |
| 14.7 | 140616. | 11.8 | 132494. | 14.7 | 131266. |
| 20.6 | 134703. | 14.7 | 127227. | 17.6 | 127218. |
| 23.5 | 129038. | 23.5 | 122170. | 29.4 | 123294. |
| 32.3 | 123611. | 38.2 | 117314. | 35.3 | 119491. |
| 35.3 | 118413. | 44.1 | 112650. | 44.1 | 115806. |
| 38.2 | 113433. | 50.0 | 108173. | 52.9 | 112234. |
| 44.1 | 108663. | 55.9 | 103873. | 55.9 | 108772. |
| 50.0 | 104093. | 70.6 | 99744. | 64.7 | 105417. |
| 58.8 | 99716. | 82.3 | 91972. | 73.5 | 102166. |
| 67.6 | 95522. | 88.2 | 88316. | 82.3 | 99015. |
| 76.5 | 91505. | 94.1 | 84805. | 88.2 | 95961. |
| 85.3 | 87657. | 100.0 | 81434. | 91.2 | 93001. |
| 91.2 | 80439. | | | 100.0 | 90133. |
| 94.1 | 77057. | | | | |
| 100.0 | 73816. | | | | |

| WEEK=46 (12 AUG-18 AUG) | | WEEK=47 (19 AUG-25 AUG) | | WEEK=48 (26 AUG- 1 SEP) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 200602. | 0.0 | 135823. | 0.0 | 120174. |
| 2.9 | 178630. | 5.9 | 124901. | 2.9 | 111694. |
| 5.9 | 150100. | 14.7 | 119774. | 5.9 | 107681. |
| 8.8 | 141642. | 20.6 | 114857. | 8.8 | 100082. |
| 11.8 | 133660. | 23.5 | 110142. | 14.7 | 96486. |
| 26.5 | 126127. | 29.4 | 105621. | 20.6 | 93020. |
| 29.4 | 119020. | 35.3 | 101285. | 23.5 | 89678. |
| 47.1 | 105983. | 50.0 | 97127. | 32.3 | 86456. |
| 61.8 | 100011. | 55.9 | 93140. | 44.1 | 83349. |
| 70.6 | 94375. | 64.7 | 89317. | 52.9 | 80355. |
| 85.3 | 89056. | 76.5 | 85650. | 61.8 | 77468. |
| 91.2 | 84038. | 88.2 | 82134. | 70.6 | 72001. |
| 94.1 | 74833. | 94.1 | 78763. | 79.4 | 69414. |
| 97.1 | 70616. | 97.1 | 63871. | 91.2 | 66920. |
| 100.0 | 66636. | 100.0 | 61249. | 94.1 | 62198. |
| | | | | 100.0 | 59963. |

TABLE 19 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 1996 LOAD CONDITIONS

| WEEK=49 (2 SEP- 8 SEP) | | WEEK=50 (9 SEP-15 SEP) | |
|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 97555. | 0.0 | 101944. |
| 2.9 | 93834. | 5.9 | 96824. |
| 11.8 | 86812. | 11.8 | 91962. |
| 20.6 | 83501. | 20.6 | 87343. |
| 26.5 | 77252. | 26.5 | 82957. |
| 32.3 | 74305. | 29.4 | 78791. |
| 44.1 | 71471. | 35.3 | 74834. |
| 50.0 | 68745. | 44.1 | 71076. |
| 58.8 | 66123. | 52.9 | 67506. |
| 67.6 | 63601. | 61.8 | 64116. |
| 76.5 | 61175. | 64.7 | 60896. |
| 79.4 | 54438. | 70.6 | 57838. |
| 85.3 | 50364. | 76.5 | 54933. |
| 88.2 | 48443. | 79.4 | 52175. |
| 100.0 | 46595. | 82.3 | 49554. |
| | | 85.3 | 47066. |
| | | 91.2 | 44702. |
| | | 97.1 | 40325. |
| | | 100.0 | 38300. |
| WEEK=51 (16 SEP-22 SEP) | | WEEK=52 (23 SEP-30 SEP) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 166253. | 0.0 | 116180. |
| 2.9 | 141358. | 5.9 | 107880. |
| 8.8 | 110827. | 20.6 | 100172. |
| 11.8 | 102193. | 23.5 | 93015. |
| 17.6 | 94231. | 32.3 | 86369. |
| 26.5 | 86890. | 35.3 | 80199. |
| 35.3 | 80120. | 38.2 | 74469. |
| 41.2 | 73879. | 41.2 | 69148. |
| 44.1 | 68123. | 47.1 | 64208. |
| 52.9 | 62816. | 52.9 | 59620. |
| 67.6 | 57922. | 58.8 | 55361. |
| 73.5 | 53409. | 64.7 | 51405. |
| 79.4 | 45412. | 70.6 | 47733. |
| 88.2 | 41874. | 73.5 | 44322. |
| 91.2 | 38611. | 76.5 | 41156. |
| 100.0 | 35603. | 85.3 | 38215. |
| | | 94.1 | 30596. |
| | | 100.0 | 28410. |

TABLE 20
FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

| WEEK= 1 (1 OCT- 7 OCT) | | WEEK= 2 (8 OCT-14 OCT) | | WEEK= 3 (15 OCT-21 OCT) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 15101. | 0.0 | 11159. | 0.0 | 11254. |
| 2.9 | 13491. | 47.1 | 10707. | 14.7 | 10783. |
| 5.9 | 12751. | 67.6 | 10272. | 76.5 | 5441. |
| 8.8 | 11391. | 70.6 | 8704. | 85.3 | 5213. |
| 41.2 | 10767. | 73.5 | 5520. | 100.0 | 4995. |
| 47.1 | 10176. | 79.4 | 5296. | | |
| 52.9 | 9618. | 100.0 | 5081. | | |
| 61.8 | 9091. | | | | |
| 64.7 | 7255. | | | | |
| 67.6 | 5473. | | | | |
| 100.0 | 5173. | | | | |
| WEEK= 4 (22 OCT-28 OCT) | | WEEK= 5 (29 OCT- 4 NOV) | | WEEK= 6 (5 NOV-11 NOV) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 11679. | 0.0 | 11799. | 0.0 | 12508. |
| 2.9 | 11168. | 76.5 | 11311. | 76.5 | 11989. |
| 5.9 | 10680. | 79.4 | 5757. | 79.4 | 6092. |
| 79.4 | 5223. | 85.3 | 5519. | 82.3 | 5839. |
| 100.0 | 4995. | 100.0 | 5291. | 100.0 | 5597. |

TABLE 20 (Continued)
FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

| WEEK= 7 (12 NOV-18 NOV) | | WEEK= 8 (19 NOV-25 NOV) | | WEEK= 9 (26 NOV- 2 DEC) | |
|--------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12911. | 0.0 | 12808. | 0.0 | 13078. |
| 2.9 | 12355. | 2.9 | 12261. | 14.7 | 12525. |
| 79.4 | 6108. | 79.4 | 8280. | 82.3 | 11004. |
| 82.3 | 5845. | 82.3 | 5841. | 85.3 | 6012. |
| 100.0 | 5593. | 100.0 | 5591. | 100.0 | 5758. |
| WEEK=10 (3 DEC- 9 DEC) | | WEEK=11 (10 DEC-16 DEC) | | WEEK=12 (17 DEC-23 DEC) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 13737. | 0.0 | 13728. | 0.0 | 13807. |
| 73.5 | 13176. | 70.6 | 13176. | 61.8 | 13246. |
| 76.5 | 12638. | 73.5 | 12647. | 67.6 | 12193. |
| 79.4 | 12121. | 76.5 | 11651. | 70.6 | 11223. |
| 82.3 | 11626. | 82.3 | 11183. | 76.5 | 10331. |
| 85.3 | 11151. | 85.3 | 10733. | 85.3 | 9912. |
| 88.2 | 8683. | 91.2 | 8055. | 94.1 | 6550. |
| 91.2 | 6485. | 94.1 | 6561. | 100.0 | 6284. |
| 100.0 | 6220. | 100.0 | 6298. | | |

TABLE 20 (Continued)
FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

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

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

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

| WEEK=19 (4 FEB-10 FEB) | | WEEK=20 (11 FEB-17 FEB) | | WEEK=21 (18 FEB-24 FEB) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12516. | 0.0 | 12488. | 0.0 | 12357. |
| 14.7 | 11549. | 14.7 | 10223. | 5.9 | 11422. |
| 20.6 | 11093. | 17.6 | 9822. | 14.7 | 9759. |
| 23.5 | 10656. | 26.5 | 9437. | 23.5 | 9383. |
| 29.4 | 10236. | 58.8 | 9067. | 35.3 | 9021. |
| 55.9 | 9833. | 79.4 | 8711. | 61.8 | 8673. |
| 76.5 | 9445. | 97.1 | 6077. | 88.2 | 8338. |
| 97.1 | 6069. | 100.0 | 5838. | 97.1 | 6087. |
| 100.0 | 5830. | | | 100.0 | 5852. |
| WEEK=22 (25 FEB- 3 MAR) | | WEEK=23 (4 MAR-10 MAR) | | WEEK=24 (11 MAR-17 MAR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 11811. | 0.0 | 9478. | 0.0 | 9024. |
| 2.9 | 8963. | 2.9 | 9185. | 11.8 | 8768. |
| 11.8 | 8617. | 11.8 | 8901. | 20.6 | 8520. |
| 32.3 | 8284. | 14.7 | 8625. | 47.1 | 8278. |
| 61.8 | 7964. | 38.2 | 8358. | 67.6 | 8044. |
| 88.2 | 7656. | 58.8 | 8099. | 94.1 | 7816. |
| 97.1 | 5810. | 94.1 | 7848. | 97.1 | 5378. |
| 100.0 | 5585. | 97.1 | 5380. | 100.0 | 5226. |
| | | 100.0 | 5214. | | |

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

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

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

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

TABLE 20 (Continued)
FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

| WEEK=37 (10 JUN-16 JUN) | | WEEK=38 (17 JUN-23 JUN) | | WEEK=39 (24 JUN-30 JUN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12982. | 0.0 | 13698. | 0.0 | 11998. |
| 5.9 | 11968. | 2.9 | 13115. | 8.8 | 11568. |
| 8.8 | 10171. | 5.9 | 12556. | 23.5 | 11153. |
| 11.8 | 9765. | 17.6 | 12022. | 35.3 | 10367. |
| 14.7 | 9376. | 23.5 | 11020. | 38.2 | 9995. |
| 17.6 | 9002. | 26.5 | 8127. | 41.2 | 8327. |
| 20.6 | 7968. | 32.3 | 7782. | 44.1 | 7740. |
| 26.5 | 7651. | 38.2 | 7450. | 50.0 | 7163. |
| 41.2 | 7346. | 41.2 | 7133. | 55.9 | 6937. |
| 47.1 | 7053. | 52.9 | 6830. | 61.8 | 6688. |
| 52.9 | 6772. | 58.8 | 6539. | 67.6 | 6448. |
| 61.8 | 6502. | 73.5 | 6260. | 76.5 | 6217. |
| 70.6 | 6243. | 100.0 | 5994. | 100.0 | 5994. |
| 100.0 | 5994. | | | | |
| WEEK=40 (1 JUL- 7 JUL) | | WEEK=41 (8 JUL-14 JUL) | | WEEK=42 (15 JUL-21 JUL) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 11315. | 0.0 | 12249. | 0.0 | 11970. |
| 11.8 | 10943. | 2.9 | 11362. | 2.9 | 11542. |
| 17.6 | 10583. | 8.8 | 10942. | 8.8 | 11129. |
| 29.4 | 10235. | 20.6 | 10538. | 11.8 | 10732. |
| 38.2 | 8659. | 26.5 | 7234. | 20.6 | 10348. |
| 41.2 | 7575. | 32.3 | 6967. | 26.5 | 8626. |
| 44.1 | 7085. | 35.3 | 6710. | 29.4 | 7457. |
| 47.1 | 6852. | 38.2 | 6462. | 32.3 | 7191. |
| 50.0 | 6627. | 50.0 | 6224. | 35.3 | 6934. |
| 61.8 | 6409. | 100.0 | 5994. | 44.1 | 6686. |
| 64.7 | 6198. | | | 47.1 | 6447. |
| 100.0 | 5994. | | | 52.9 | 6216. |
| | | | | 100.0 | 5994. |

TABLE 20 (Continued)

FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

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

TABLE 20 (Continued)
FLOW DURATION DATA AT GOLD CREEK FOR 2020 LOAD CONDITIONS

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

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

TABLE 21
FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

| WEEK= 1 (1 OCT- 7 OCT) | | WEEK= 2 (8 OCT-14 OCT) | | WEEK= 3 (15 OCT-21 OCT) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 33220. | 0.0 | 28599. | 0.0 | 21966. |
| 2.9 | 31408. | 2.9 | 27017. | 5.9 | 20903. |
| 5.9 | 28075. | 5.9 | 25523. | 14.7 | 19892. |
| 14.7 | 26544. | 8.8 | 24112. | 20.6 | 18930. |
| 17.6 | 25096. | 17.6 | 22779. | 44.1 | 18014. |
| 20.6 | 23727. | 23.5 | 21519. | 52.9 | 17142. |
| 32.3 | 22433. | 35.3 | 20329. | 64.7 | 16313. |
| 41.2 | 21209. | 41.2 | 19205. | 76.5 | 12115. |
| 47.1 | 20052. | 58.8 | 18143. | 85.3 | 11528. |
| 61.8 | 17924. | 73.5 | 17140. | 91.2 | 9935. |
| 73.5 | 16947. | 76.5 | 15297. | 97.1 | 8997. |
| 76.5 | 16022. | 79.4 | 14451. | 100.0 | 8561. |
| 82.3 | 15148. | 82.3 | 13652. | | |
| 85.3 | 14322. | 85.3 | 12897. | | |
| 88.2 | 13541. | 91.2 | 12184. | | |
| 94.1 | 12802. | 94.1 | 10874. | | |
| 97.1 | 12104. | 97.1 | 10272. | | |
| 100.0 | 11444. | 100.0 | 9704. | | |
| WEEK= 4 (22 OCT-28 OCT) | | WEEK= 5 (29 OCT- 4 NOV) | | WEEK= 6 (5 NOV-11 NOV) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 21679. | 0.0 | 18876. | 0.0 | 18436. |
| 2.9 | 19628. | 2.9 | 18076. | 5.9 | 17676. |
| 5.9 | 18677. | 8.8 | 17309. | 20.6 | 16947. |
| 8.8 | 17771. | 35.3 | 16575. | 44.1 | 16248. |
| 26.5 | 16910. | 52.9 | 15873. | 55.9 | 15577. |
| 55.9 | 16090. | 58.8 | 15200. | 64.7 | 14935. |
| 58.8 | 15311. | 70.6 | 14555. | 79.4 | 11121. |
| 70.6 | 14568. | 79.4 | 11224. | 82.3 | 10222. |
| 79.4 | 11943. | 82.3 | 10748. | 88.2 | 9009. |
| 82.3 | 10813. | 85.3 | 10292. | 91.2 | 8637. |
| 85.3 | 9790. | 88.2 | 9856. | 100.0 | 8281. |
| 97.1 | 8864. | 91.2 | 9438. | | |
| 100.0 | 8435. | 94.1 | 9038. | | |
| | | 97.1 | 8655. | | |
| | | 100.0 | 8288. | | |

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

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

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 16717. | 0.0 | 16310. | 0.0 | 15456. |
| 17.6 | 16112. | 2.9 | 15685. | 8.8 | 14894. |
| 44.1 | 15528. | 11.8 | 15084. | 32.3 | 14352. |
| 58.8 | 14966. | 35.3 | 14506. | 41.2 | 13320. |
| 61.8 | 14424. | 44.1 | 13950. | 55.9 | 12841. |
| 64.7 | 13902. | 47.1 | 13415. | 67.6 | 12373. |
| 67.6 | 13399. | 52.9 | 12901. | 85.3 | 11923. |
| 73.5 | 12914. | 73.5 | 12407. | 94.1 | 11489. |
| 85.3 | 11996. | 88.2 | 11931. | 97.1 | 7929. |
| 94.1 | 11562. | 91.2 | 11474. | 100.0 | 7640. |
| 97.1 | 8608. | 94.1 | 11034. | | |
| 100.0 | 8297. | 97.1 | 8072. | | |
| | | 100.0 | 7762. | | |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 15145. | 0.0 | 15137. | 0.0 | 15100. |
| 20.6 | 14610. | 11.8 | 14604. | 11.8 | 14567. |
| 35.3 | 13117. | 29.4 | 13592. | 23.5 | 14053. |
| 52.9 | 12653. | 32.3 | 13113. | 26.5 | 13557. |
| 67.6 | 12207. | 41.2 | 12651. | 32.3 | 13079. |
| 79.4 | 11776. | 55.9 | 12205. | 47.1 | 12617. |
| 94.1 | 11360. | 76.5 | 11775. | 73.5 | 12172. |
| 97.1 | 7929. | 85.3 | 11360. | 88.2 | 11742. |
| 100.0 | 7649. | 94.1 | 10960. | 94.1 | 11328. |
| | | 97.1 | 7935. | 97.1 | 7908. |
| | | 100.0 | 7655. | 100.0 | 7629. |

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

| WEEK=19 (4 FEB-10 FEB) | | WEEK=20 (11 FEB-17 FEB) | | WEEK=21 (18 FEB-24 FEB) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 14703. | 0.0 | 14554. | 0.0 | 14229. |
| 11.8 | 14199. | 11.8 | 14059. | 5.9 | 13755. |
| 17.6 | 13242. | 14.7 | 13121. | 8.8 | 13297. |
| 20.6 | 12788. | 17.6 | 11829. | 14.7 | 12427. |
| 26.5 | 12350. | 23.5 | 11427. | 17.6 | 11613. |
| 35.3 | 11926. | 38.2 | 11039. | 23.5 | 11226. |
| 61.8 | 11518. | 64.7 | 10664. | 32.3 | 10852. |
| 73.5 | 11123. | 76.5 | 10302. | 55.9 | 10491. |
| 94.1 | 10741. | 91.2 | 9952. | 70.6 | 10142. |
| 97.1 | 7847. | 97.1 | 7814. | 88.2 | 9804. |
| 100.0 | 7578. | 100.0 | 7548. | 94.1 | 9478. |
| | | | | 97.1 | 7735. |
| | | | | 100.0 | 7478. |

| WEEK=22 (25 FEB- 3 MAR) | | WEEK=23 (4 MAR-10 MAR) | | WEEK=24 (11 MAR-17 MAR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 13855. | 0.0 | 11667. | 0.0 | 11066. |
| 2.9 | 11269. | 2.9 | 11343. | 2.9 | 10790. |
| 5.9 | 10887. | 5.9 | 11027. | 14.7 | 10520. |
| 8.8 | 10519. | 8.8 | 10721. | 26.5 | 10257. |
| 23.5 | 10162. | 14.7 | 10423. | 38.2 | 10001. |
| 50.0 | 9818. | 29.4 | 10133. | 52.9 | 9751. |
| 70.6 | 9486. | 52.9 | 9852. | 67.6 | 9507. |
| 82.3 | 9165. | 64.7 | 9578. | 85.3 | 9270. |
| 94.1 | 8855. | 85.3 | 9312. | 94.1 | 8812. |
| 97.1 | 7454. | 94.1 | 9053. | 97.1 | 7018. |
| 100.0 | 7202. | 97.1 | 7025. | 100.0 | 6842. |
| | | 100.0 | 6830. | | |

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 11202. | 0.0 | 13219. | 0.0 | 12228. |
| 5.9 | 10638. | 35.3 | 12772. | 14.7 | 11842. |
| 17.6 | 10367. | 91.2 | 12339. | 50.0 | 11468. |
| 32.3 | 10103. | 97.1 | 7110. | 88.2 | 11115. |
| 52.9 | 9845. | 100.0 | 6869. | 97.1 | 6861. |
| 70.6 | 9594. | | | 100.0 | 6644. |
| 85.3 | 9350. | | | | |
| 91.2 | 9111. | | | | |
| 94.1 | 8879. | | | | |
| 97.1 | 7038. | | | | |
| 100.0 | 6858. | | | | |
| WEEK=28 (8 APR-14 APR) | | WEEK=29 (15 APR-21 APR) | | WEEK=30 (22 APR-28 APR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 12395. | 0.0 | 10968. | 0.0 | 11106. |
| 2.9 | 12107. | 2.9 | 10645. | 2.9 | 8956. |
| 17.6 | 11825. | 5.9 | 8900. | 8.8 | 8422. |
| 47.1 | 11549. | 8.8 | 7898. | 14.7 | 8117. |
| 85.3 | 11280. | 11.8 | 7665. | 32.3 | 7910. |
| 94.1 | 11017. | 20.6 | 7440. | 38.2 | 7448. |
| 97.1 | 8109. | 32.3 | 7221. | 47.1 | 7223. |
| 100.0 | 7920. | 44.1 | 7009. | 52.9 | 7004. |
| | | 61.8 | 6803. | 70.6 | 6792. |
| | | 67.6 | 6602. | 85.3 | 6586. |
| | | 91.2 | 6408. | 94.1 | 6387. |
| | | 100.0 | 6220. | 100.0 | 6191. |

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

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

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

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

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

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

| WEEK=43 (22 JUL-28 JUL) | | WEEK=44 (29 JUL- 4 AUG) | | WEEK=45 (5 AUG-11 AUG) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 67329. | 0.0 | 66987. | 0.0 | 78952. |
| 2.9 | 62224. | 5.9 | 62160. | 2.9 | 72782. |
| 5.9 | 59818. | 8.8 | 59879. | 5.9 | 64418. |
| 11.8 | 57505. | 14.7 | 57682. | 14.7 | 61849. |
| 20.6 | 55282. | 17.6 | 55565. | 17.6 | 57016. |
| 26.5 | 53144. | 29.4 | 53525. | 26.5 | 54742. |
| 32.3 | 51090. | 35.3 | 51561. | 41.2 | 52559. |
| 38.2 | 49114. | 50.0 | 49669. | 50.0 | 50464. |
| 47.1 | 47215. | 55.9 | 47846. | 55.9 | 48452. |
| 58.8 | 45390. | 58.8 | 46090. | 70.6 | 46520. |
| 67.6 | 43635. | 70.6 | 44398. | 79.4 | 44665. |
| 73.5 | 41948. | 76.5 | 42769. | 88.2 | 42884. |
| 79.4 | 38767. | 88.2 | 39687. | 94.1 | 41174. |
| 88.2 | 37268. | 91.2 | 38231. | 97.1 | 37956. |
| 91.2 | 34442. | 94.1 | 36828. | 100.0 | 36443. |
| 97.1 | 33110. | 97.1 | 34174. | | |
| 100.0 | 31830. | 100.0 | 32920. | | |
| WEEK=46 (12 AUG-18 AUG) | | WEEK=47 (19 AUG-25 AUG) | | WEEK=48 (26 AUG- 1 SEP) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 120183. | 0.0 | 90397. | 0.0 | 83599. |
| 2.9 | 101764. | 5.9 | 83986. | 2.9 | 63541. |
| 5.9 | 67138. | 8.8 | 62577. | 8.8 | 59329. |
| 11.8 | 61780. | 17.6 | 58139. | 11.8 | 55396. |
| 14.7 | 56849. | 26.5 | 54015. | 14.7 | 48296. |
| 32.3 | 52311. | 32.3 | 50184. | 17.6 | 45094. |
| 47.1 | 48136. | 47.1 | 46625. | 32.3 | 42105. |
| 64.7 | 44294. | 58.8 | 43318. | 47.1 | 39314. |
| 85.3 | 40759. | 67.6 | 40246. | 64.7 | 36708. |
| 91.2 | 37506. | 88.2 | 37392. | 79.4 | 34275. |
| 94.1 | 34512. | 91.2 | 34740. | 91.2 | 32003. |
| 97.1 | 26890. | 97.1 | 24048. | 97.1 | 24325. |
| 100.0 | 24744. | 100.0 | 22343. | 100.0 | 22712. |

TABLE 21 (Continued)

FLOW DURATION DATA AT SUNSHINE FOR 2020 LOAD CONDITIONS

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

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

TABLE 22

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

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

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK= 7 (12 NOV-18 NOV) | | WEEK= 8 (19 NOV-25 NOV) | | WEEK= 9 (26 NOV- 2 DEC) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 44358. | 0.0 | 30970. | 0.0 | 29751. |
| 2.9 | 32585. | 2.9 | 28124. | 5.9 | 27227. |
| 5.9 | 30636. | 5.9 | 26801. | 11.8 | 26047. |
| 11.8 | 28803. | 11.8 | 25540. | 17.6 | 24918. |
| 20.6 | 27080. | 17.6 | 24338. | 23.5 | 23837. |
| 23.5 | 25459. | 29.4 | 23193. | 41.2 | 22804. |
| 32.3 | 23936. | 44.1 | 22101. | 52.9 | 21815. |
| 47.1 | 22504. | 47.1 | 21061. | 61.8 | 19965. |
| 67.6 | 21158. | 61.8 | 20070. | 67.6 | 19099. |
| 70.6 | 19892. | 67.6 | 19126. | 79.4 | 18271. |
| 82.3 | 18702. | 70.6 | 18226. | 85.3 | 15997. |
| 85.3 | 17583. | 82.3 | 16551. | 88.2 | 14640. |
| 88.2 | 16531. | 85.3 | 15030. | 91.2 | 14005. |
| 91.2 | 14612. | 88.2 | 14323. | 97.1 | 13398. |
| 100.0 | 13738. | 97.1 | 13007. | 100.0 | 12817. |
| | | 100.0 | 12395. | | |
| WEEK=10 (3 DEC- 9 DEC) | | WEEK=11 (10 DEC-16 DEC) | | WEEK=12 (17 DEC-23 DEC) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 27938. | 0.0 | 26143. | 0.0 | 24270. |
| 2.9 | 25363. | 2.9 | 23911. | 2.9 | 23274. |
| 5.9 | 24166. | 11.8 | 22868. | 14.7 | 21404. |
| 17.6 | 23026. | 17.6 | 21870. | 32.3 | 20525. |
| 38.2 | 21939. | 41.2 | 20915. | 50.0 | 19683. |
| 47.1 | 20904. | 55.9 | 20003. | 58.8 | 18875. |
| 58.8 | 19918. | 67.6 | 19130. | 73.5 | 18101. |
| 67.6 | 18978. | 70.6 | 18295. | 82.3 | 17358. |
| 76.5 | 18082. | 82.3 | 17497. | 85.3 | 16646. |
| 88.2 | 17229. | 85.3 | 16733. | 88.2 | 14680. |
| 91.2 | 14200. | 88.2 | 16003. | 94.1 | 12946. |
| 94.1 | 12891. | 94.1 | 12803. | 97.1 | 11417. |
| 97.1 | 11703. | 97.1 | 11710. | 100.0 | 10948. |
| 100.0 | 11151. | 100.0 | 11199. | | |

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK=13 (24 DEC-30 DEC) | | WEEK=14 (31 DEC- 6 JAN) | | WEEK=15 (7 JAN-13 JAN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 23385. | 0.0 | 21810. | 0.0 | 20919. |
| 5.9 | 21585. | 2.9 | 21073. | 2.9 | 20290. |
| 14.7 | 20737. | 8.8 | 20361. | 5.9 | 19681. |
| 32.3 | 19923. | 29.4 | 19673. | 17.6 | 19089. |
| 52.9 | 19141. | 32.3 | 19009. | 23.5 | 18516. |
| 61.8 | 18389. | 35.3 | 18366. | 41.2 | 17959. |
| 79.4 | 17667. | 44.1 | 17746. | 55.9 | 17420. |
| 85.3 | 16973. | 73.5 | 17146. | 73.5 | 16896. |
| 88.2 | 15666. | 82.3 | 16567. | 88.2 | 16389. |
| 94.1 | 15051. | 85.3 | 16007. | 94.1 | 15418. |
| 97.1 | 11371. | 94.1 | 14439. | 97.1 | 12079. |
| 100.0 | 10924. | 97.1 | 11749. | 100.0 | 11716. |
| | | 100.0 | 11352. | | |
| WEEK=16 (14 JAN-20 JAN) | | WEEK=17 (21 JAN-27 JAN) | | WEEK=18 (28 JAN- 3 FEB) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 20558. | 0.0 | 20255. | 0.0 | 20148. |
| 2.9 | 19984. | 5.9 | 19683. | 2.9 | 19601. |
| 8.8 | 19427. | 8.8 | 19127. | 5.9 | 19069. |
| 11.8 | 18886. | 14.7 | 18587. | 17.6 | 18551. |
| 26.5 | 18359. | 29.4 | 17551. | 29.4 | 18047. |
| 38.2 | 17847. | 47.1 | 17056. | 35.3 | 17557. |
| 50.0 | 17350. | 64.7 | 16574. | 55.9 | 17080. |
| 73.5 | 16866. | 73.5 | 16106. | 58.8 | 16616. |
| 82.3 | 16396. | 85.3 | 15651. | 79.4 | 16165. |
| 88.2 | 15939. | 94.1 | 15209. | 88.2 | 15726. |
| 97.1 | 12358. | 97.1 | 12093. | 97.1 | 12274. |
| 100.0 | 12013. | 100.0 | 11751. | 100.0 | 11941. |

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

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

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

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK=25 (18 MAR-24 MAR) | | WEEK=26 (25 MAR-31 MAR) | | WEEK=27 (1 APR- 7 APR) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 15906. | 0.0 | 18762. | 0.0 | 18125. |
| 2.9 | 15558. | 2.9 | 18181. | 2.9 | 16568. |
| 5.9 | 14884. | 5.9 | 17617. | 5.9 | 16079. |
| 11.8 | 14239. | 14.7 | 17072. | 14.7 | 15605. |
| 23.5 | 13928. | 26.5 | 16543. | 29.4 | 15144. |
| 35.3 | 13623. | 52.9 | 16030. | 50.0 | 14698. |
| 44.1 | 13324. | 76.5 | 15534. | 76.5 | 14264. |
| 55.9 | 13033. | 91.2 | 15053. | 91.2 | 13843. |
| 67.6 | 12747. | 97.1 | 10649. | 97.1 | 10573. |
| 79.4 | 12468. | 100.0 | 10319. | 100.0 | 10261. |
| 91.2 | 12195. | | | | |
| 97.1 | 10678. | | | | |
| 100.0 | 10445. | | | | |
| WEEK=28 (8 APR-14 APR) | | WEEK=29 (15 APR-21 APR) | | WEEK=30 (22 APR-28 APR) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 18893. | 0.0 | 15545. | 0.0 | 20856. |
| 2.9 | 16558. | 2.9 | 15018. | 2.9 | 18163. |
| 8.8 | 16127. | 5.9 | 14510. | 5.9 | 16564. |
| 17.6 | 15708. | 11.8 | 13085. | 11.8 | 15819. |
| 26.5 | 15299. | 17.6 | 11801. | 14.7 | 15106. |
| 38.2 | 14900. | 32.3 | 11401. | 23.5 | 13776. |
| 50.0 | 14512. | 35.3 | 11015. | 29.4 | 12564. |
| 85.3 | 13767. | 38.2 | 10642. | 38.2 | 11998. |
| 94.1 | 13408. | 47.1 | 10282. | 41.2 | 11458. |
| 97.1 | 11751. | 55.9 | 9934. | 52.9 | 10942. |
| 100.0 | 11446. | 64.7 | 9597. | 67.6 | 10449. |
| | | 82.3 | 9272. | 76.5 | 9979. |
| | | 91.2 | 8958. | 91.2 | 9529. |
| | | 94.1 | 8655. | 97.1 | 9100. |
| | | 97.1 | 8362. | 100.0 | 8690. |
| | | 100.0 | 8079. | | |

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK=31 (29 APR- 5 MAY) | | WEEK=32 (6 MAY-12 MAY) | | WEEK=33 (13 MAY-19 MAY) | |
|----------------------------|--------------------|-----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 47362. | 0.0 | 90233. | 0.0 | 84661. |
| 5.9 | 43156. | 5.9 | 80863. | 5.9 | 78933. |
| 8.8 | 39322. | 11.8 | 72465. | 11.8 | 73594. |
| 11.8 | 35830. | 20.6 | 58196. | 17.6 | 68615. |
| 14.7 | 32647. | 26.5 | 52152. | 26.5 | 63973. |
| 20.6 | 29747. | 35.3 | 46736. | 32.3 | 59645. |
| 23.5 | 27105. | 38.2 | 41882. | 41.2 | 55610. |
| 38.2 | 24698. | 47.1 | 37533. | 50.0 | 51848. |
| 41.2 | 22504. | 50.0 | 33635. | 61.8 | 48341. |
| 44.1 | 18684. | 52.9 | 30142. | 70.6 | 45070. |
| 52.9 | 17024. | 61.8 | 27012. | 76.5 | 42021. |
| 58.8 | 15512. | 67.6 | 24207. | 82.3 | 39179. |
| 61.8 | 14134. | 73.5 | 21693. | 91.2 | 36528. |
| 67.6 | 12879. | 85.3 | 19440. | 94.1 | 25735. |
| 79.4 | 11735. | 88.2 | 17421. | 97.1 | 23994. |
| 91.2 | 10693. | 91.2 | 13991. | 100.0 | 22371. |
| 94.1 | 8877. | 97.1 | 12538. | | |
| 100.0 | 8089. | 100.0 | 11236. | | |
| WEEK=34 (20 MAY-26 MAY) | | WEEK=35 (27 MAY- 2 JUN) | | WEEK=36 (3 JUN- 9 JUN) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 82948. | 0.0 | 112509. | 0.0 | 130988. |
| 8.8 | 78703. | 5.9 | 103797. | 5.9 | 123691. |
| 14.7 | 74675. | 17.6 | 95760. | 8.8 | 116800. |
| 17.6 | 70854. | 23.5 | 88346. | 14.7 | 110294. |
| 23.5 | 67228. | 26.5 | 81505. | 20.6 | 104149. |
| 38.2 | 63787. | 44.1 | 75195. | 32.3 | 98347. |
| 44.1 | 60523. | 55.9 | 69372. | 35.3 | 92869. |
| 58.8 | 57425. | 58.8 | 64001. | 47.1 | 87695. |
| 70.6 | 51698. | 67.6 | 59046. | 58.8 | 82810. |
| 85.3 | 49052. | 76.5 | 54474. | 64.7 | 78197. |
| 97.1 | 32221. | 85.3 | 50256. | 70.6 | 73840. |
| 100.0 | 30572. | 94.1 | 42775. | 79.4 | 69727. |
| | | 97.1 | 26375. | 82.3 | 65843. |
| | | 100.0 | 24333. | 85.3 | 62175. |
| | | | | 88.2 | 58711. |
| | | | | 94.1 | 55440. |
| | | | | 97.1 | 46681. |
| | | | | 100.0 | 44081. |

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK=37 (10 JUN-16 JUN) | | WEEK=38 (17 JUN-23 JUN) | | WEEK=39 (24 JUN-30 JUN) | |
|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 142875. | 0.0 | 146836. | 0.0 | 150855. |
| 8.8 | 124006. | 2.9 | 126271. | 5.9 | 127307. |
| 11.8 | 107629. | 8.8 | 120078. | 8.8 | 123058. |
| 17.6 | 100271. | 14.7 | 114188. | 17.6 | 118951. |
| 29.4 | 93415. | 20.6 | 108587. | 26.5 | 114982. |
| 38.2 | 87029. | 29.4 | 103260. | 32.3 | 111144. |
| 47.1 | 81079. | 32.3 | 98195. | 44.1 | 107435. |
| 67.6 | 75535. | 47.1 | 93379. | 67.6 | 103849. |
| 73.5 | 70371. | 64.7 | 88799. | 73.5 | 100383. |
| 82.3 | 65560. | 73.5 | 84443. | 82.3 | 97033. |
| 88.2 | 61077. | 82.3 | 80301. | 85.3 | 93795. |
| 94.1 | 53011. | 85.3 | 76362. | 91.2 | 90665. |
| 97.1 | 39934. | 88.2 | 69055. | 94.1 | 84714. |
| 100.0 | 37204. | 97.1 | 59383. | 97.1 | 81887. |
| | | 100.0 | 56470. | 100.0 | 79154. |
| WEEK=40 (1 JUL- 7 JUL) | | WEEK=41 (8 JUL-14 JUL) | | WEEK=42 (15 JUL-21 JUL) | |
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 143413. | 0.0 | 165340. | 0.0 | 168648. |
| 5.9 | 139222. | 2.9 | 146261. | 2.9 | 161711. |
| 8.8 | 131204. | 8.8 | 140404. | 8.8 | 155174. |
| 11.8 | 127370. | 14.7 | 134781. | 11.8 | 142776. |
| 14.7 | 123648. | 26.5 | 129383. | 14.7 | 136954. |
| 23.5 | 120035. | 32.3 | 124202. | 20.6 | 131359. |
| 26.5 | 113123. | 38.2 | 119228. | 26.5 | 126011. |
| 41.2 | 109817. | 44.1 | 114454. | 29.4 | 120873. |
| 50.0 | 106608. | 50.0 | 109870. | 35.3 | 115944. |
| 52.9 | 103493. | 61.8 | 105470. | 47.1 | 111216. |
| 55.9 | 100469. | 70.6 | 101247. | 58.8 | 106680. |
| 67.6 | 94683. | 73.5 | 97192. | 73.5 | 102330. |
| 73.5 | 91916. | 79.4 | 93300. | 76.5 | 98157. |
| 82.3 | 89230. | 85.3 | 89564. | 79.4 | 94151. |
| 91.2 | 84092. | 94.1 | 85977. | 82.3 | 90315. |
| 100.0 | 81634. | 97.1 | 79229. | 88.2 | 79710. |
| | | 100.0 | 76056. | 100.0 | 76459. |

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

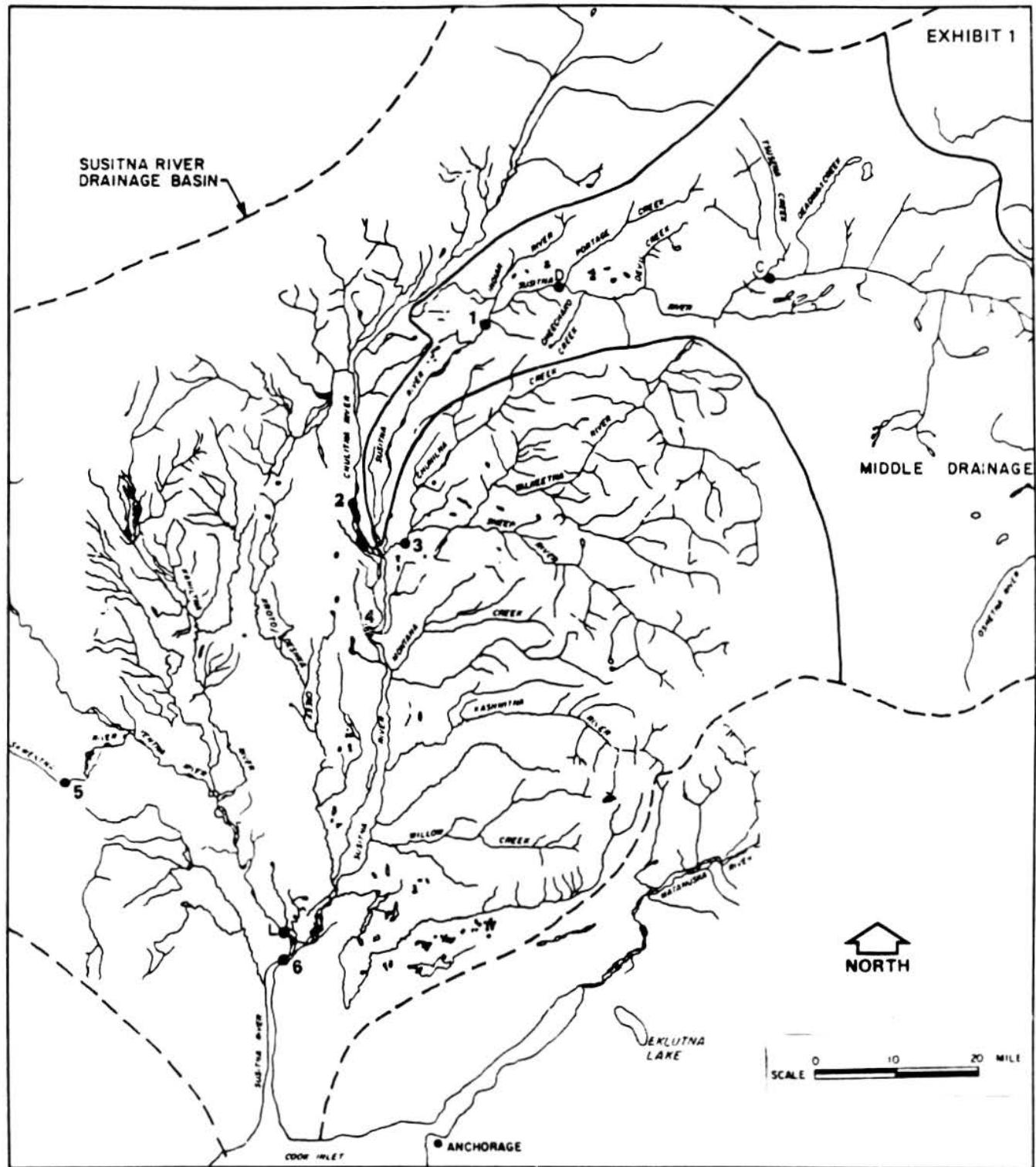
| WEEK=43 (22 JUL-28 JUL) | | WEEK=44 (29 JUL- 4 AUG) | | WEEK=45 (5 AUG-11 AUG) | |
|----------------------------|--------------------|----------------------------|--------------------|-----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS)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

TABLE 22 (Continued)

FLOW DURATION DATA AT SUSITNA STATION FOR 2020 LOAD CONDITIONS

| WEEK=49 (2 SEP- 8 SEP) | | WEEK=50 (9 SEP-15 SEP) | |
|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 97555. | 0.0 | 98018. |
| 2.9 | 93834. | 8.8 | 93288. |
| 8.8 | 86812. | 14.7 | 88787. |
| 14.7 | 83501. | 17.6 | 84502. |
| 23.5 | 80316. | 29.4 | 80425. |
| 26.5 | 77252. | 32.3 | 72850. |
| 32.0 | 74305. | 50.0 | 69335. |
| 44.1 | 71471. | 58.8 | 65989. |
| 50.0 | 68745. | 64.7 | 59774. |
| 55.9 | 66123. | 73.5 | 56889. |
| 61.8 | 63601. | 79.4 | 51531. |
| 70.6 | 61175. | 82.3 | 49045. |
| 76.5 | 58841. | 85.3 | 46678. |
| 79.4 | 54438. | 91.2 | 44426. |
| 85.3 | 50364. | 97.1 | 40242. |
| 88.2 | 48443. | 100.0 | 38300. |
| 100.0 | 46595. | | |

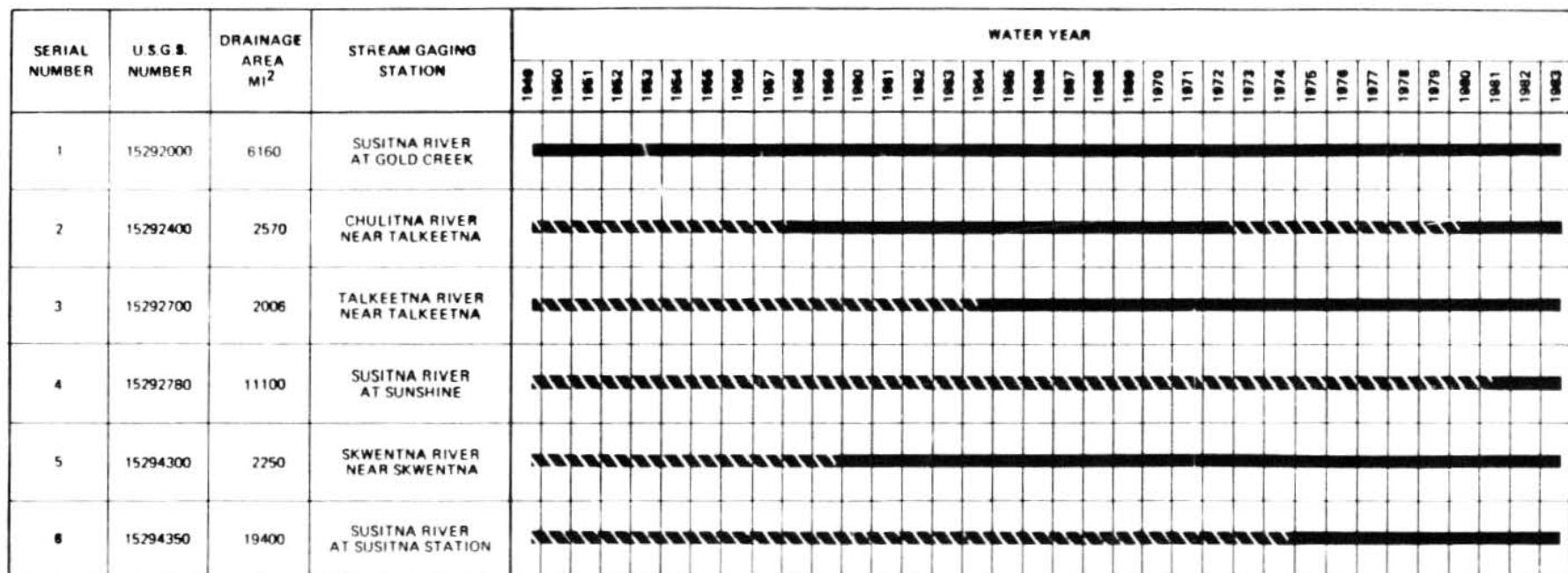
| WEEK=51 (16 SEP-22 SEP) | | WEEK=52 (23 SEP-30 SEP) | |
|----------------------------|--------------------|----------------------------|--------------------|
| PERCENT (%) | DISCHARGE (CFS) | PERCENT (%) | DISCHARGE (CFS) |
| 0.0 | 158912. | 0.0 | 116180. |
| 2.9 | 146880. | 5.9 | 107880. |
| 8.8 |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



LEGEND :

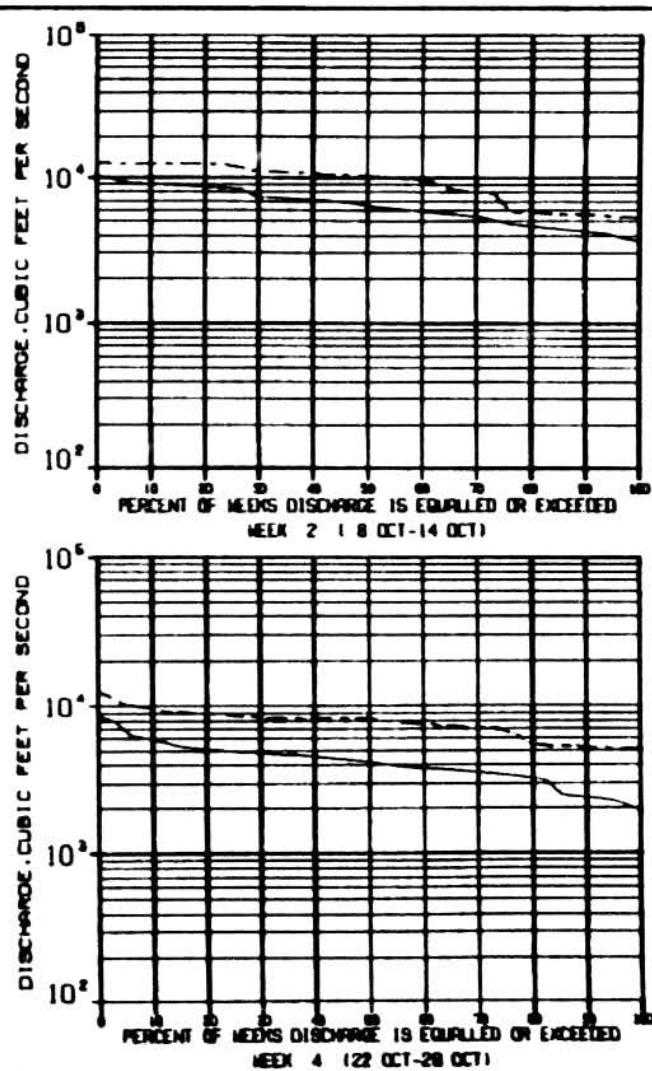
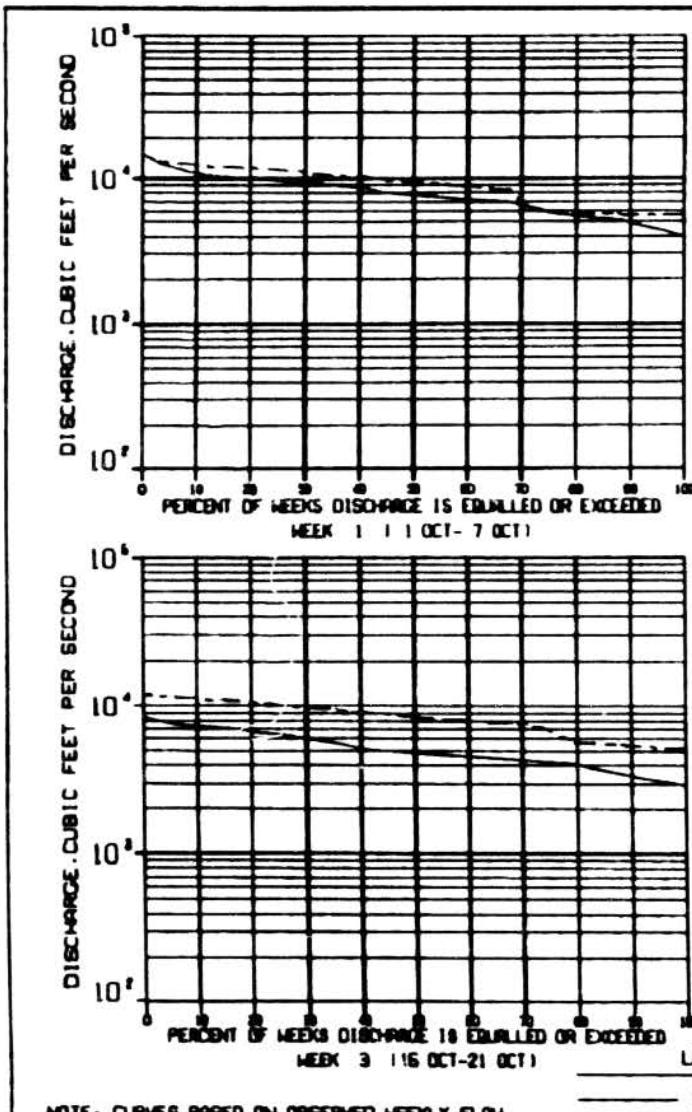
STATION 1 – Susitna River at Gold Creek
STATION 2 – Chulitna River near Talkeetna
STATION 3 – Talkeetna River near Talkeetna

STATION 4 – Susitna River near Sunshine
STATION 5 – Skwentna River near Skwentna
STATION 6 – Susitna River at Susitna Station



LEGEND:

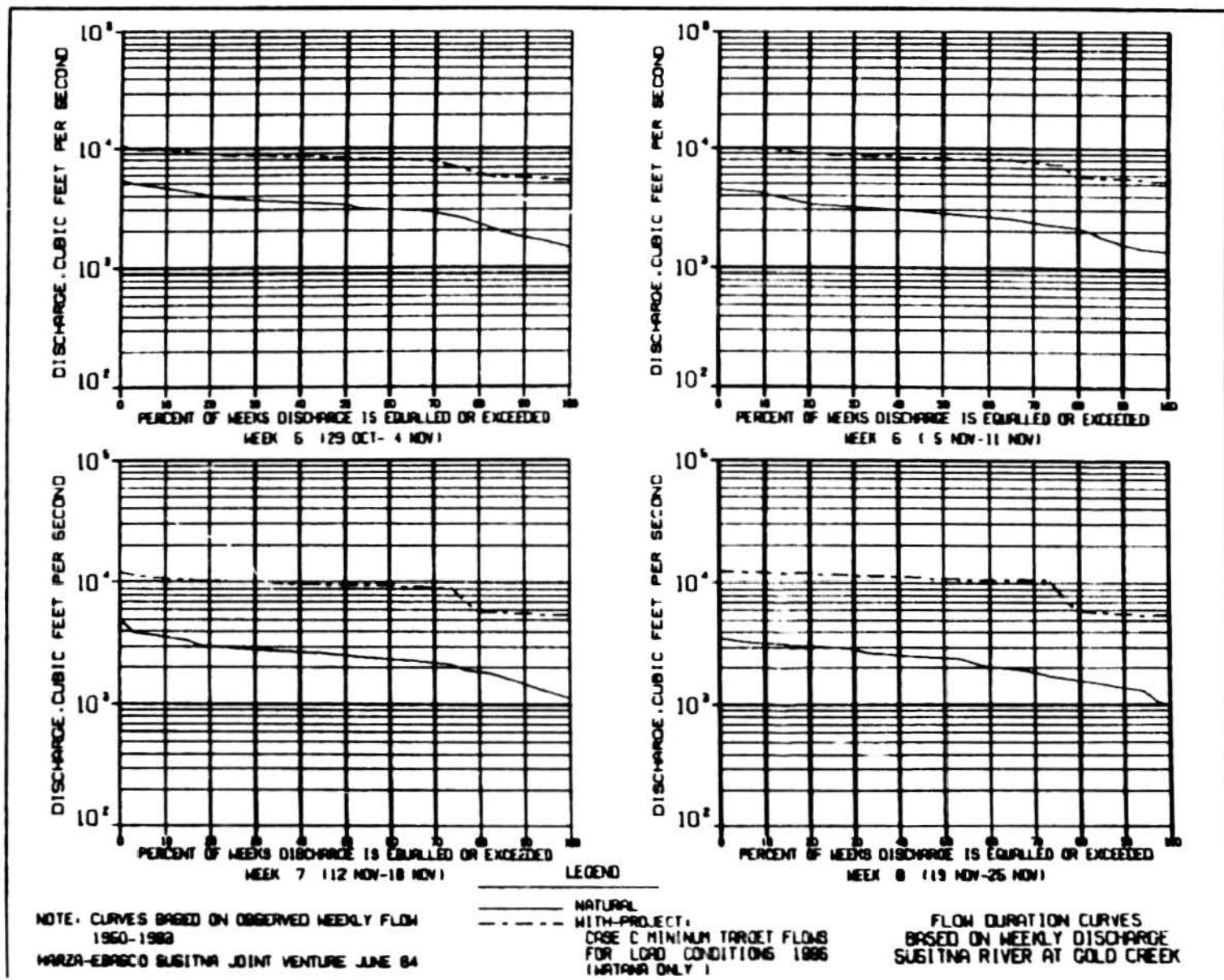
- [solid black bar] Observed Data
 [diagonal hatching] Filled-In Data

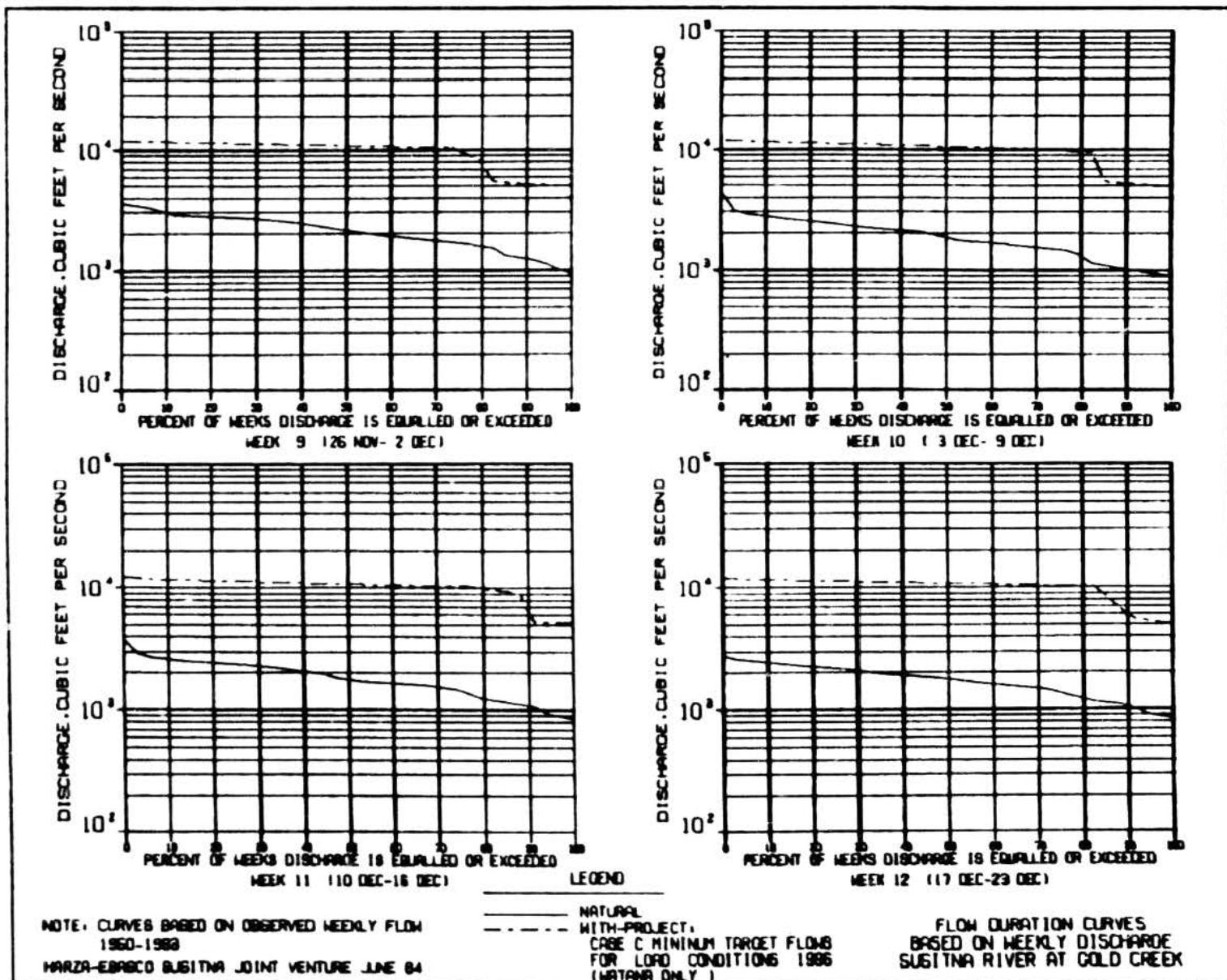


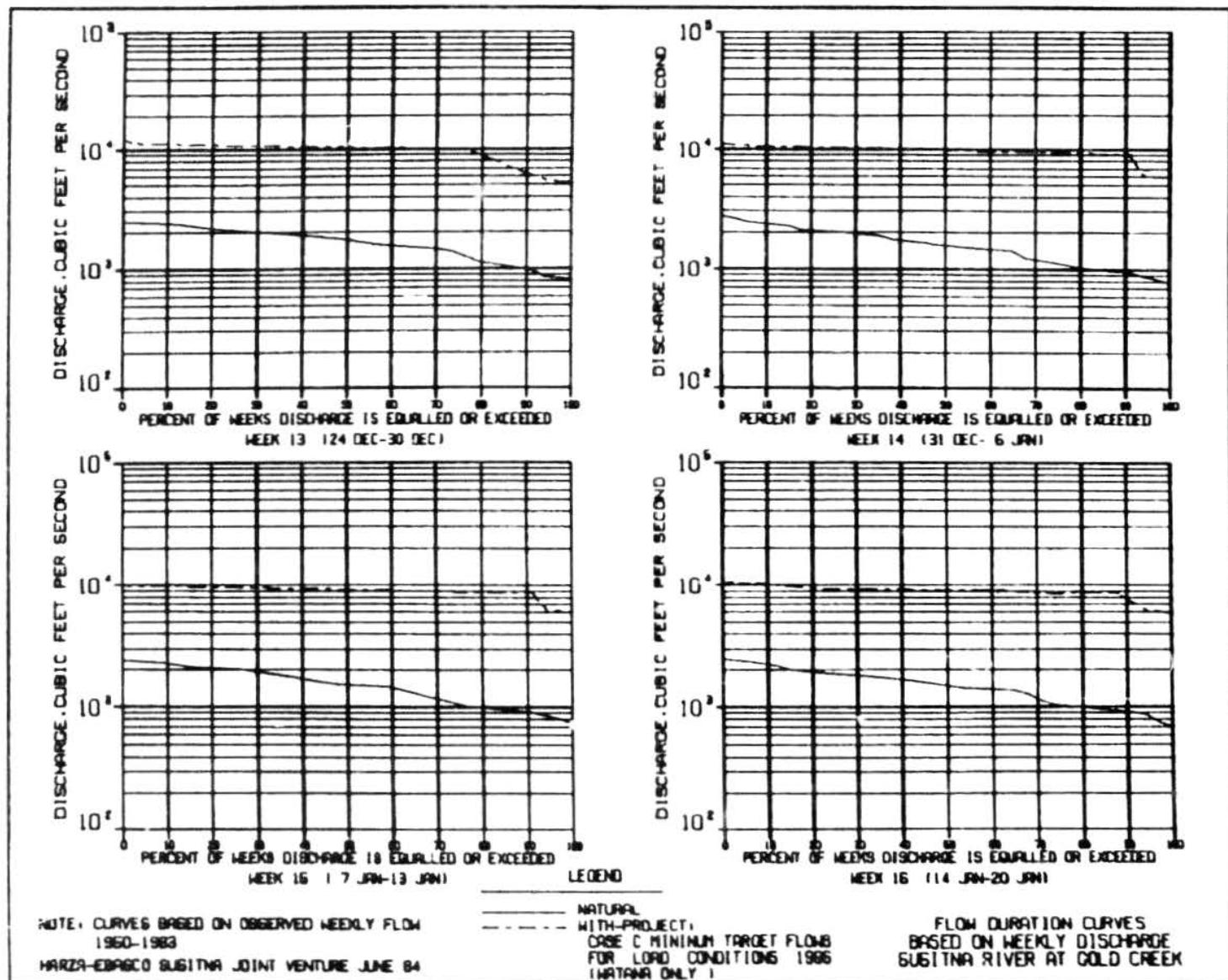
NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1960-1983

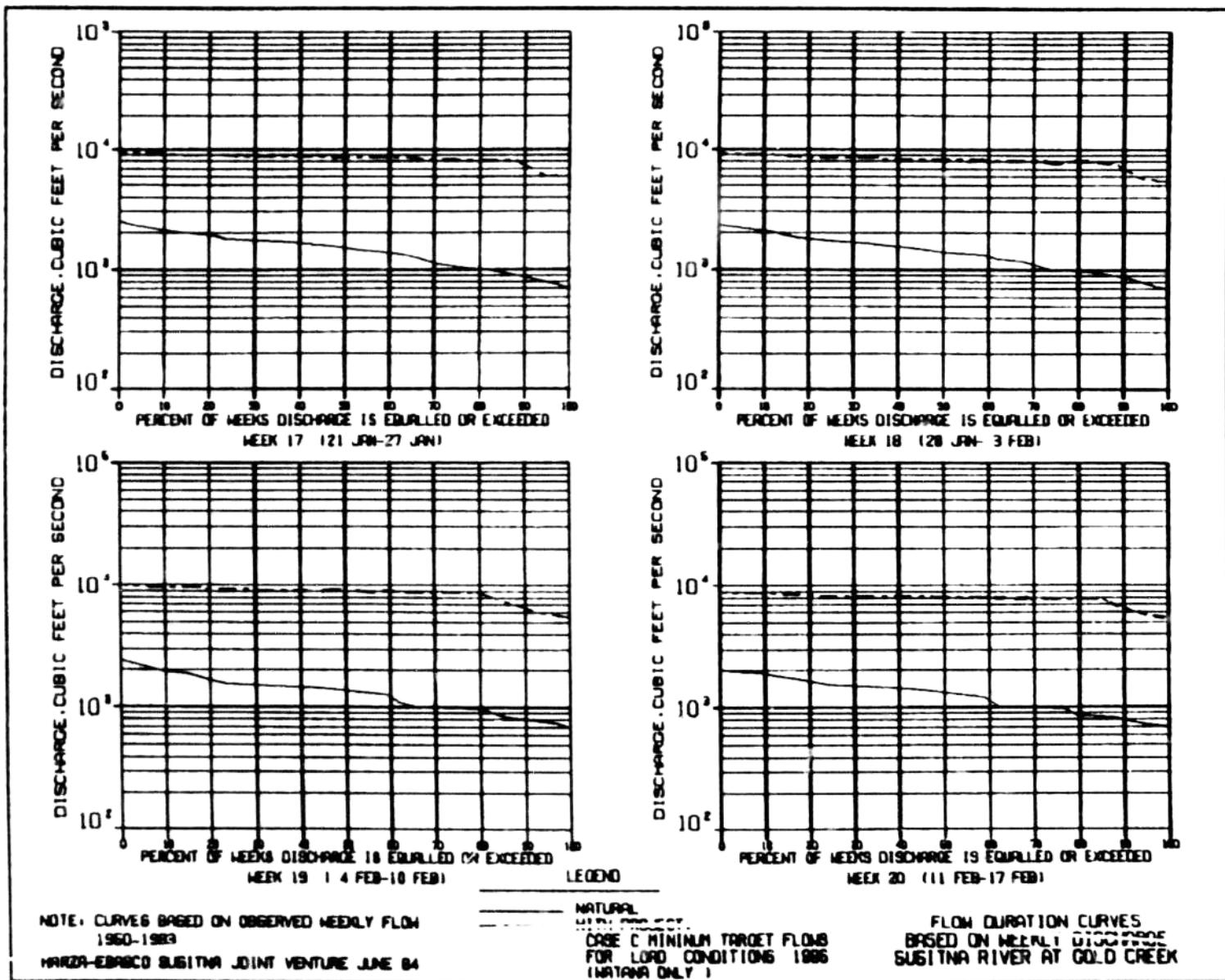
NATURAL
- - - - WITH PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1996
(WATER ONLY)

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

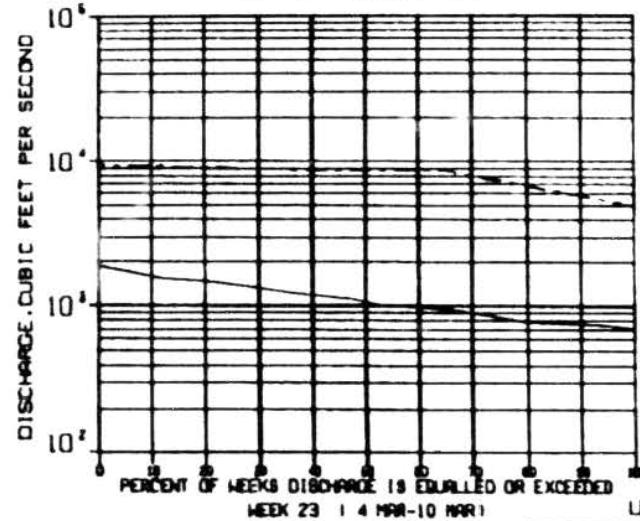
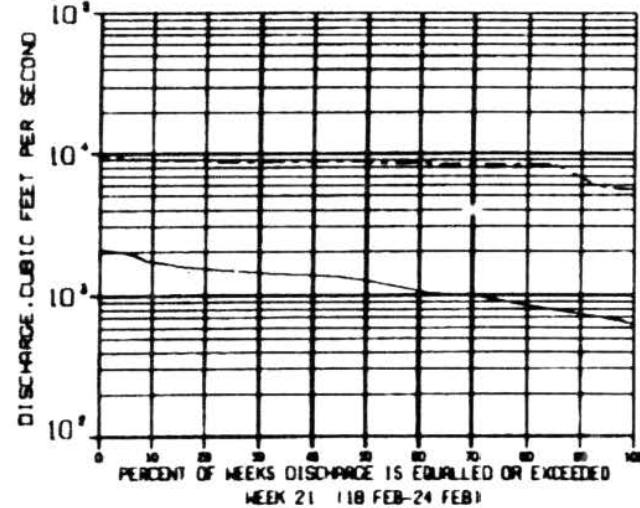








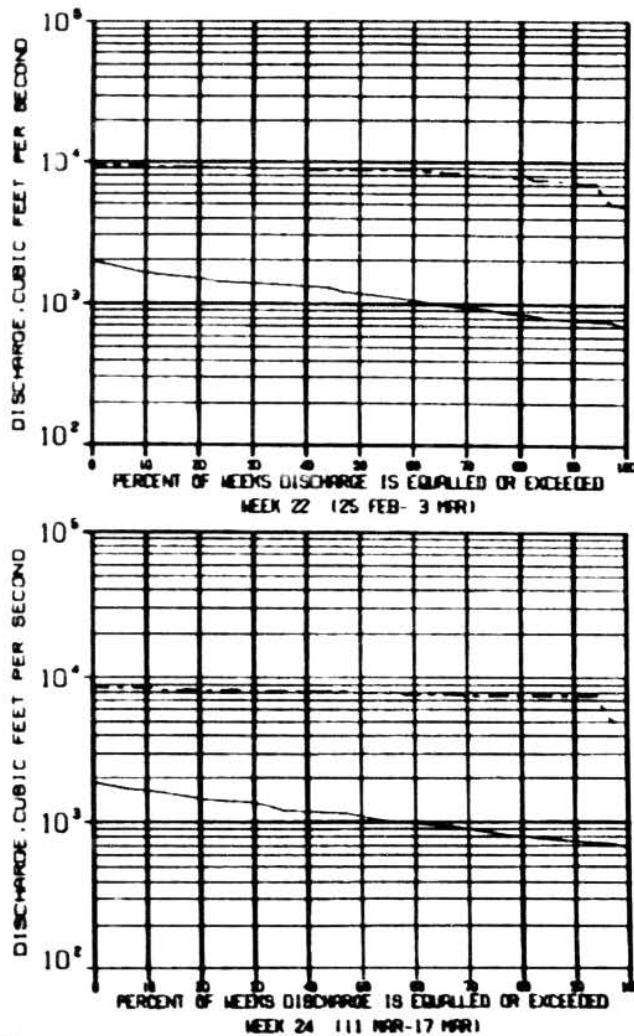
OPTION?



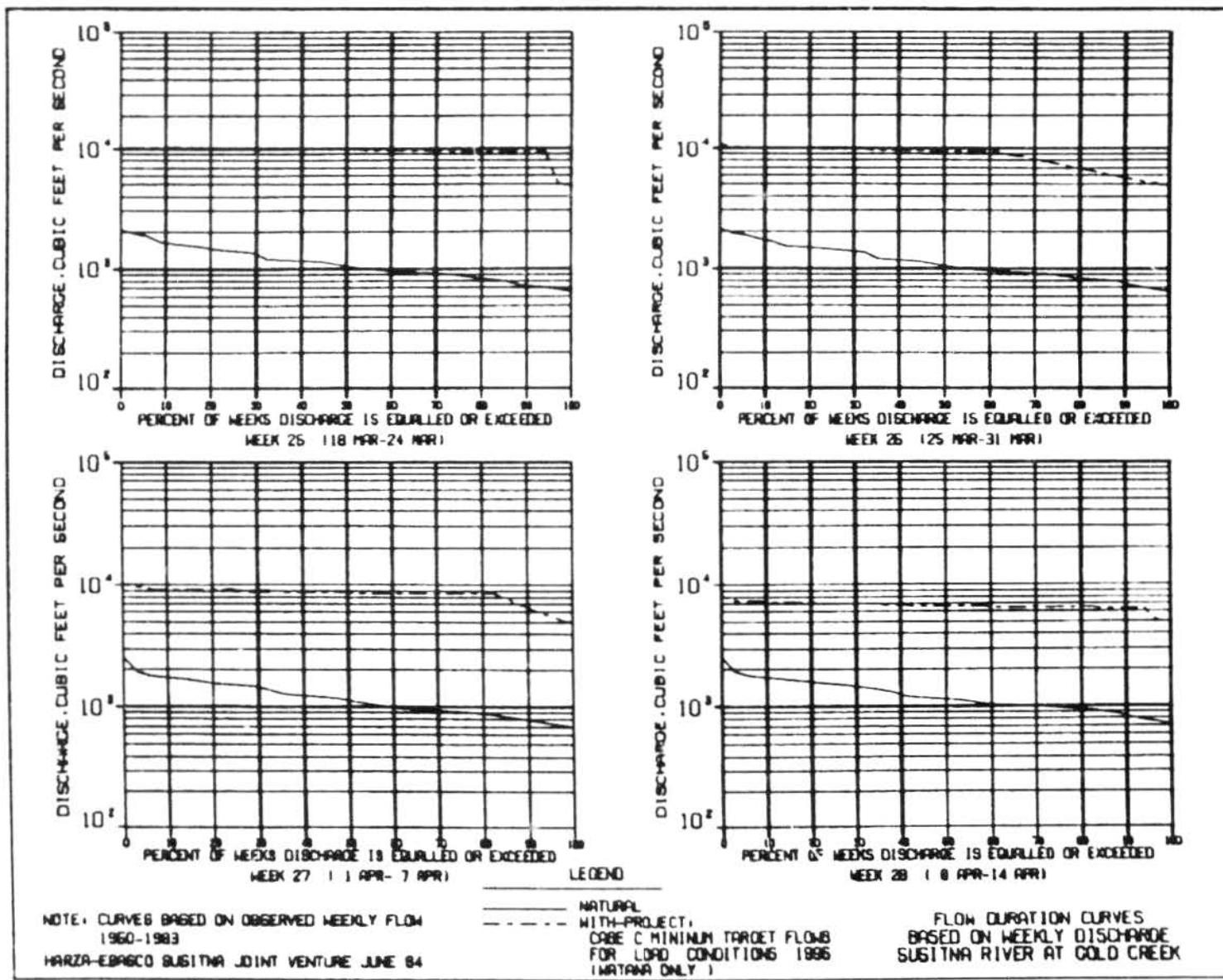
NOTE: CURVES BASED ON OBSERVED WEEKLY FLOW
1960-1983
MARZA-EMBSCO SUSITNA JOINT VENTURE JUNE 84

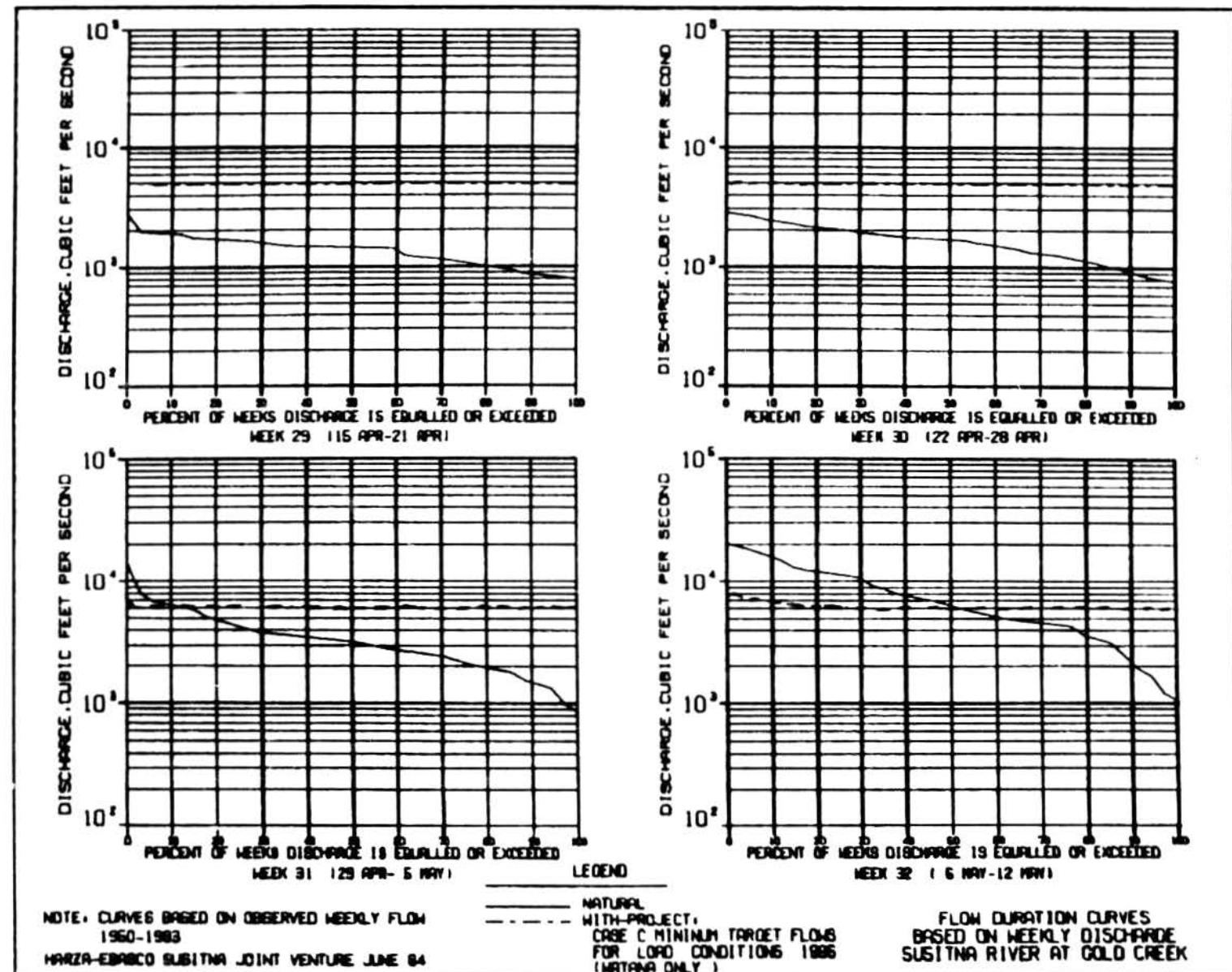
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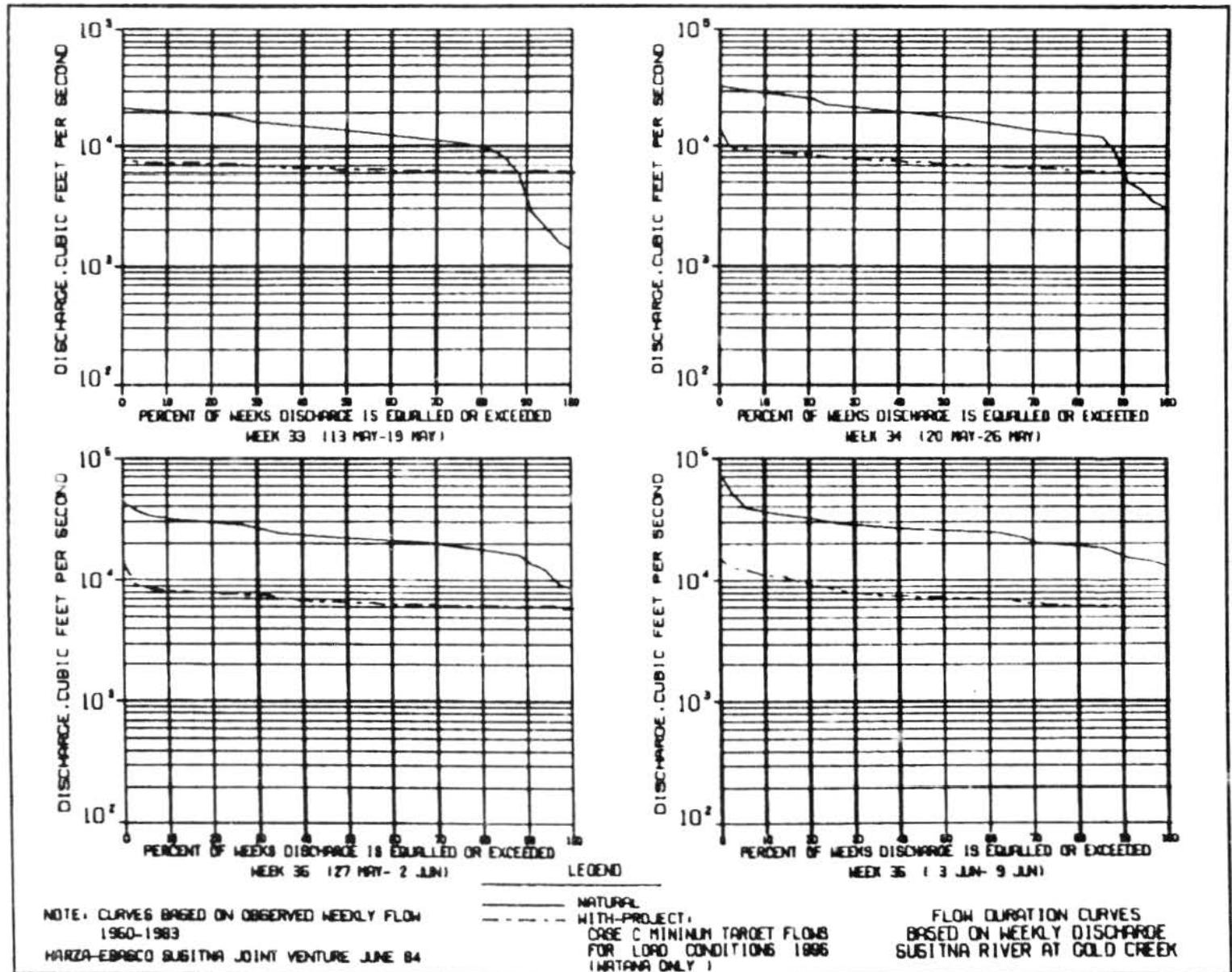
NATURAL
WITH-PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1986
(NATANA ONLY)

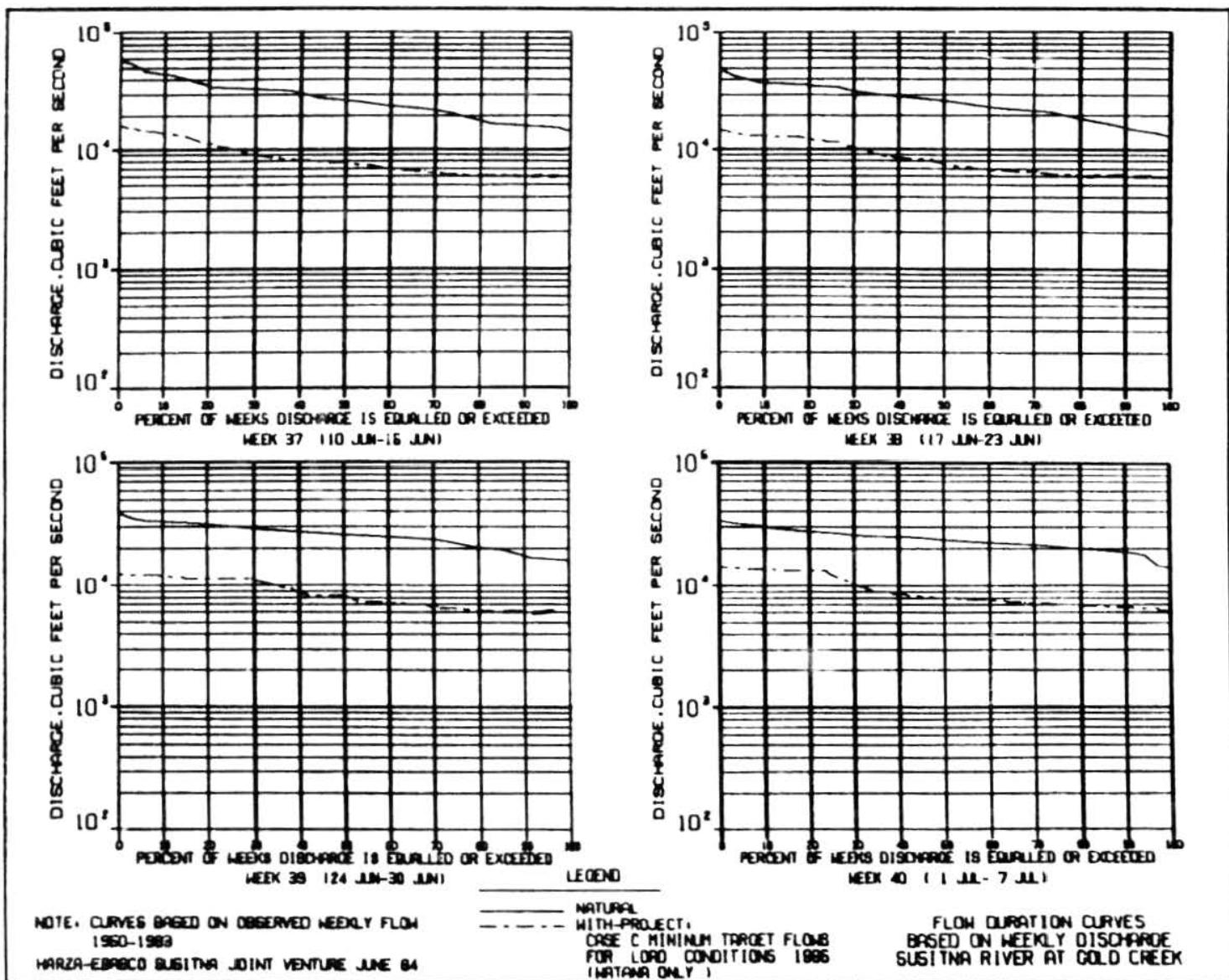


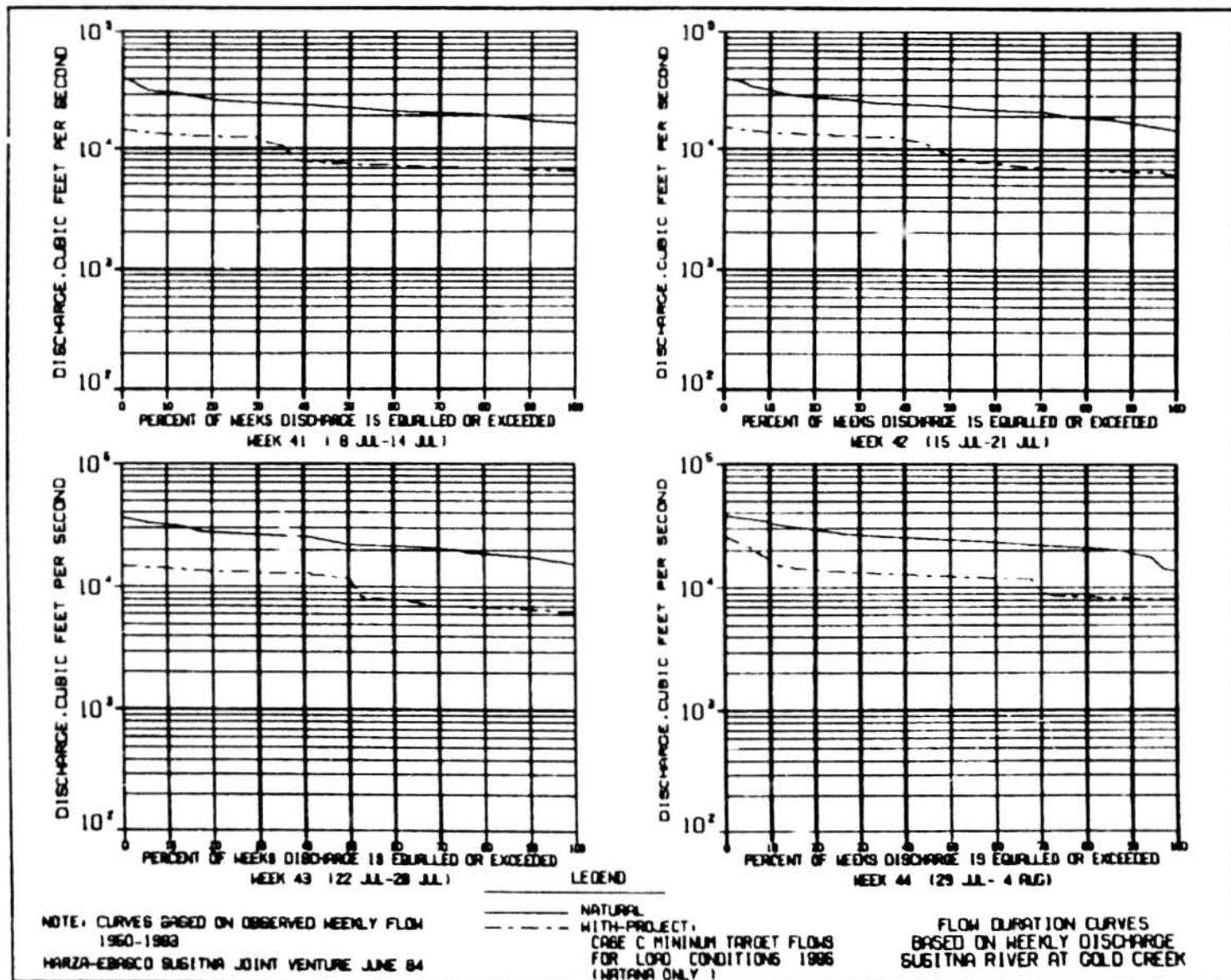
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT GOLD CREEK

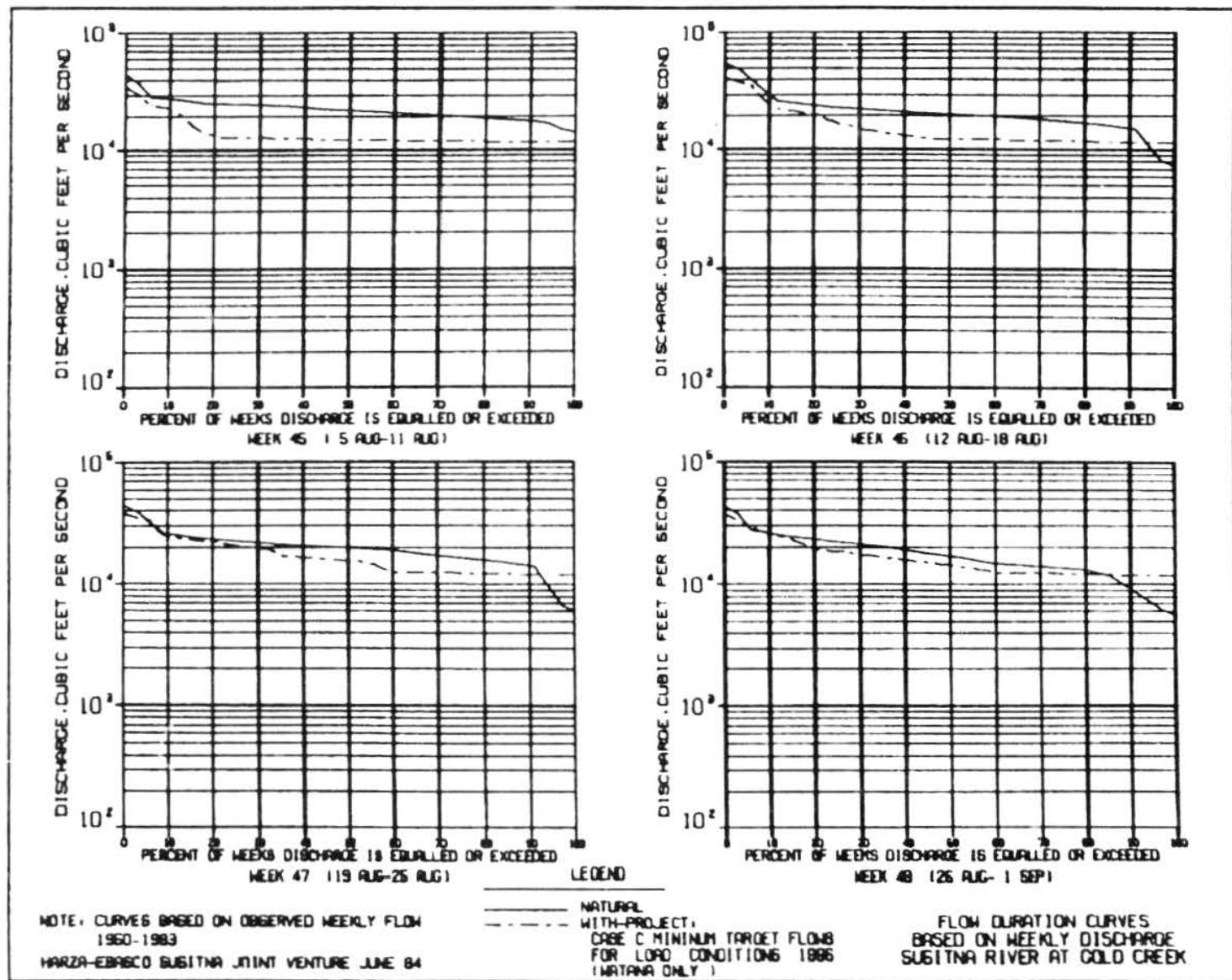


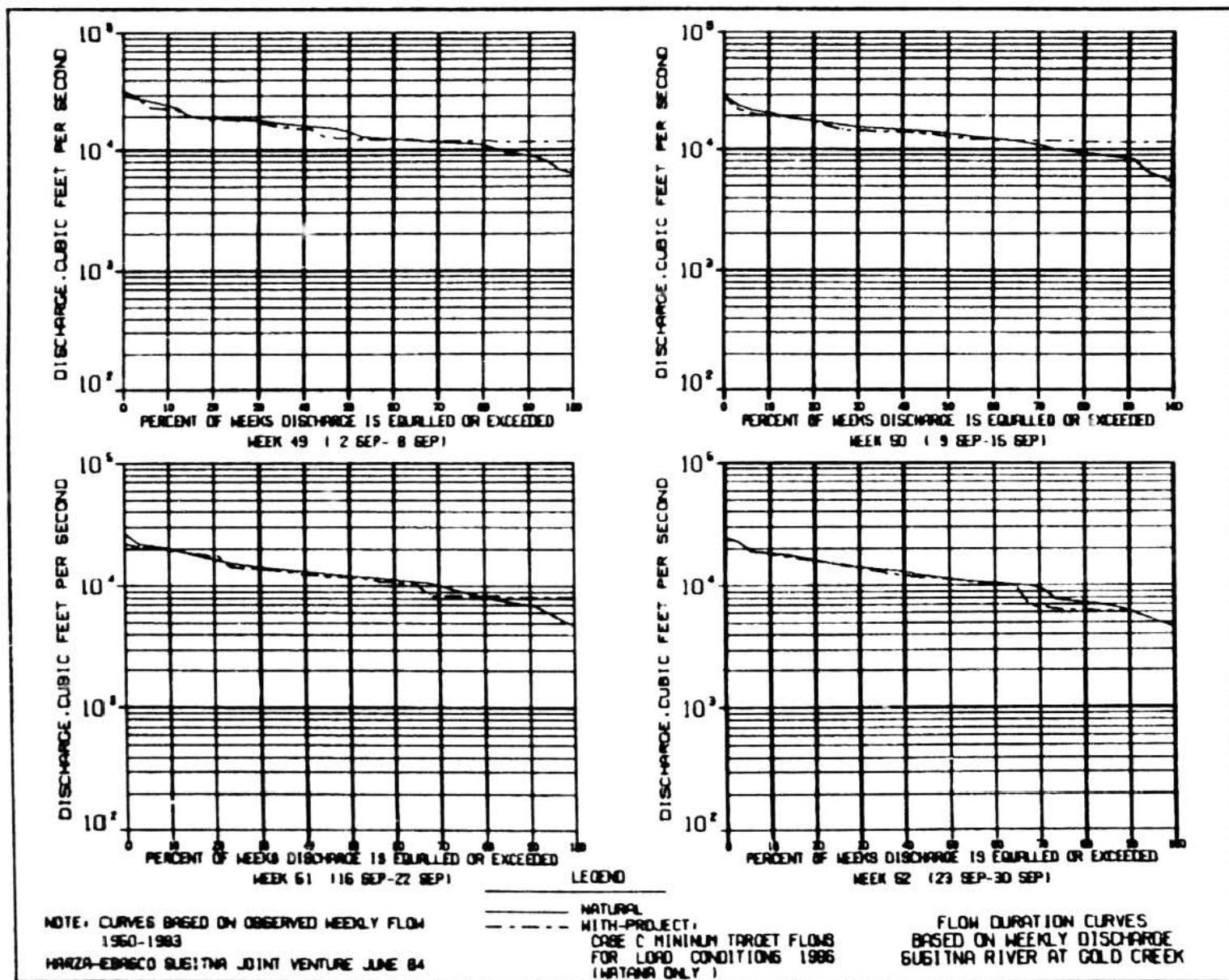


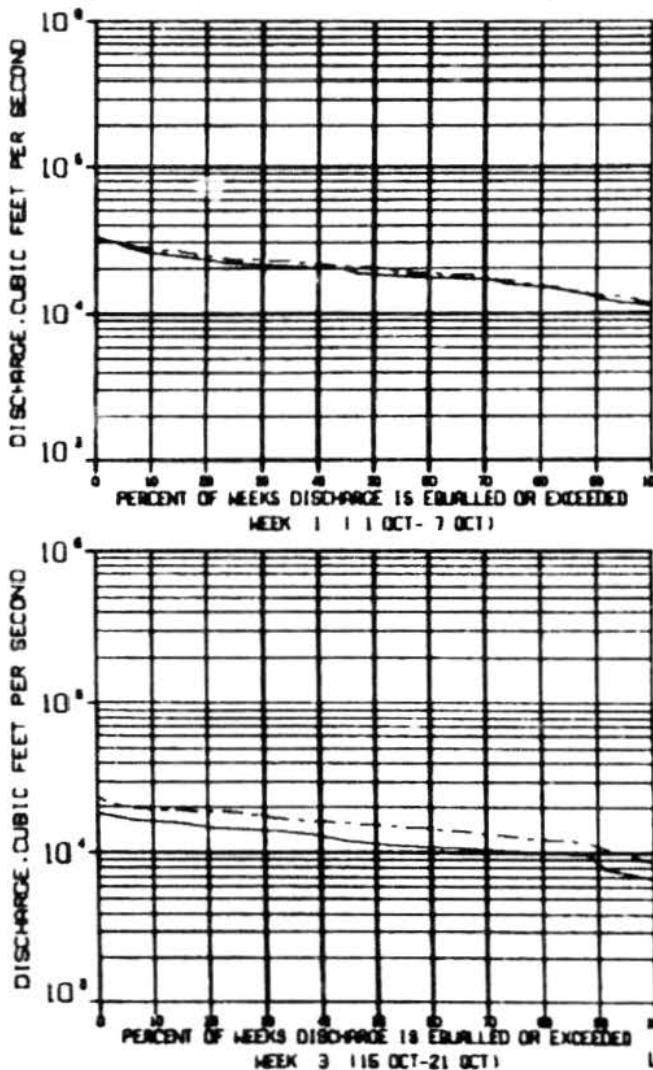








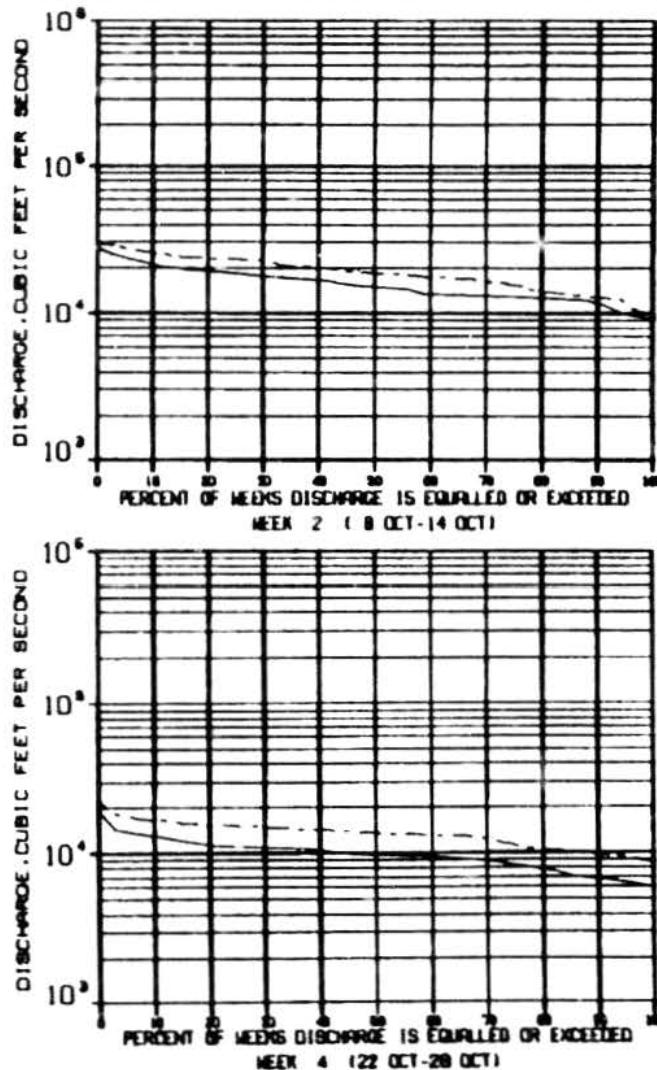




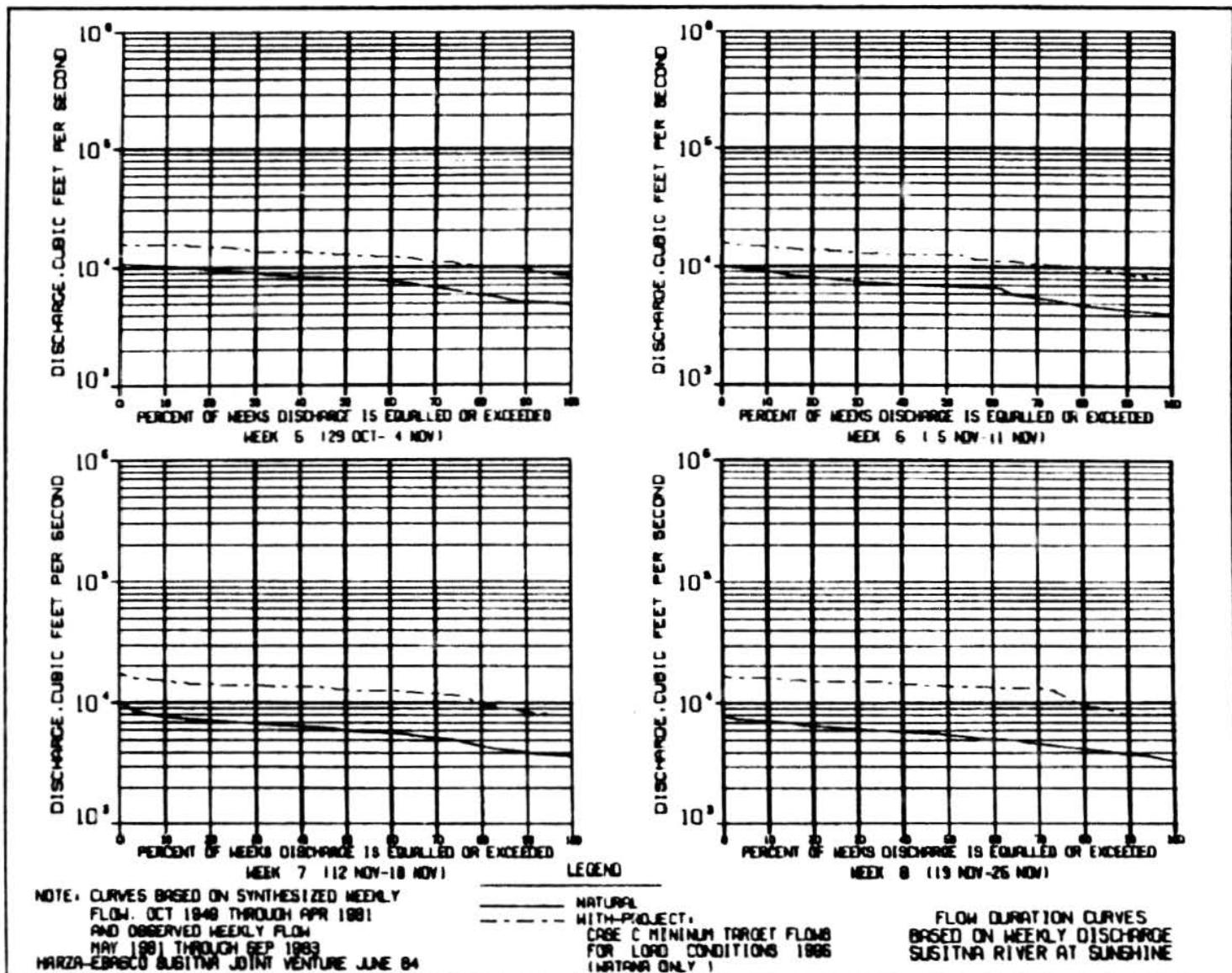
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983
HARZA-EBASCO BUSITMA JOINT VENTURE JUNE 84

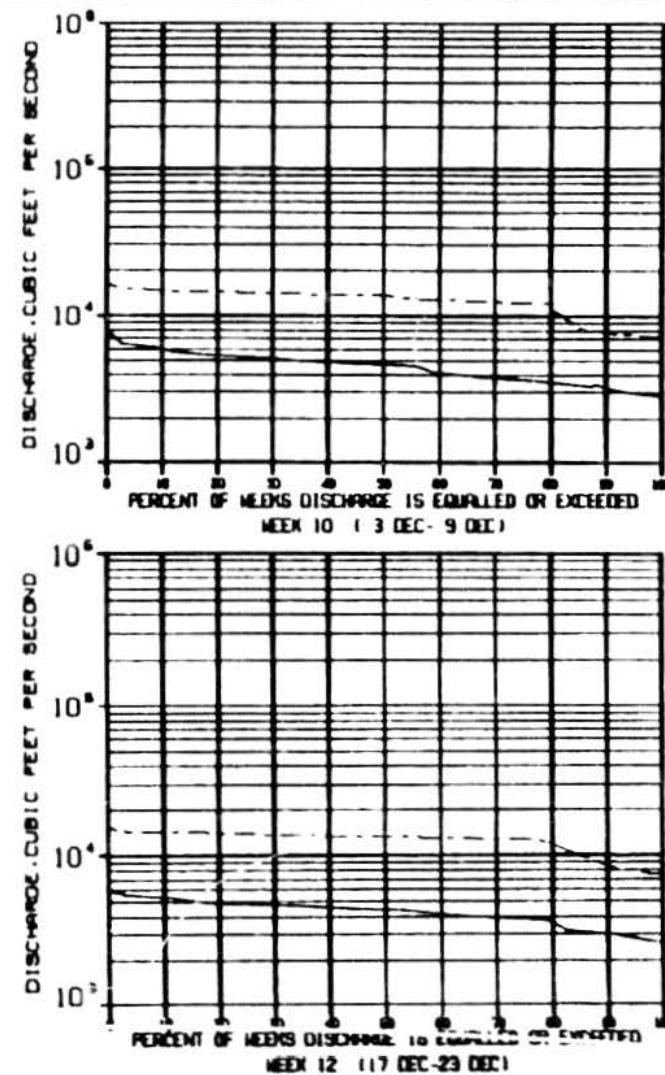
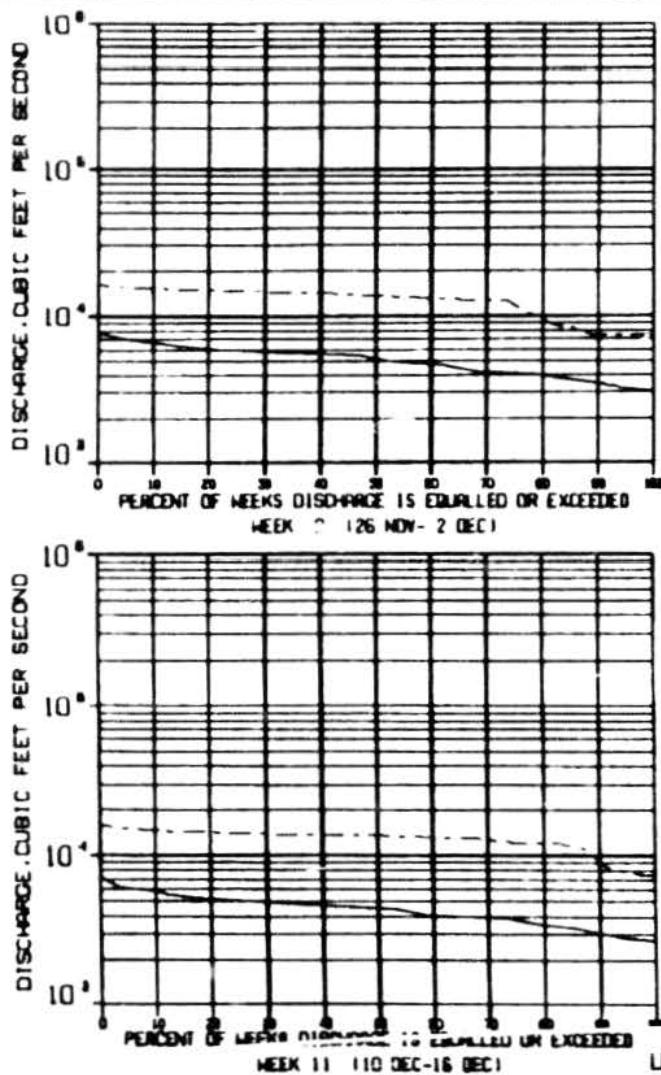
LEADER

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



FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNSHINE



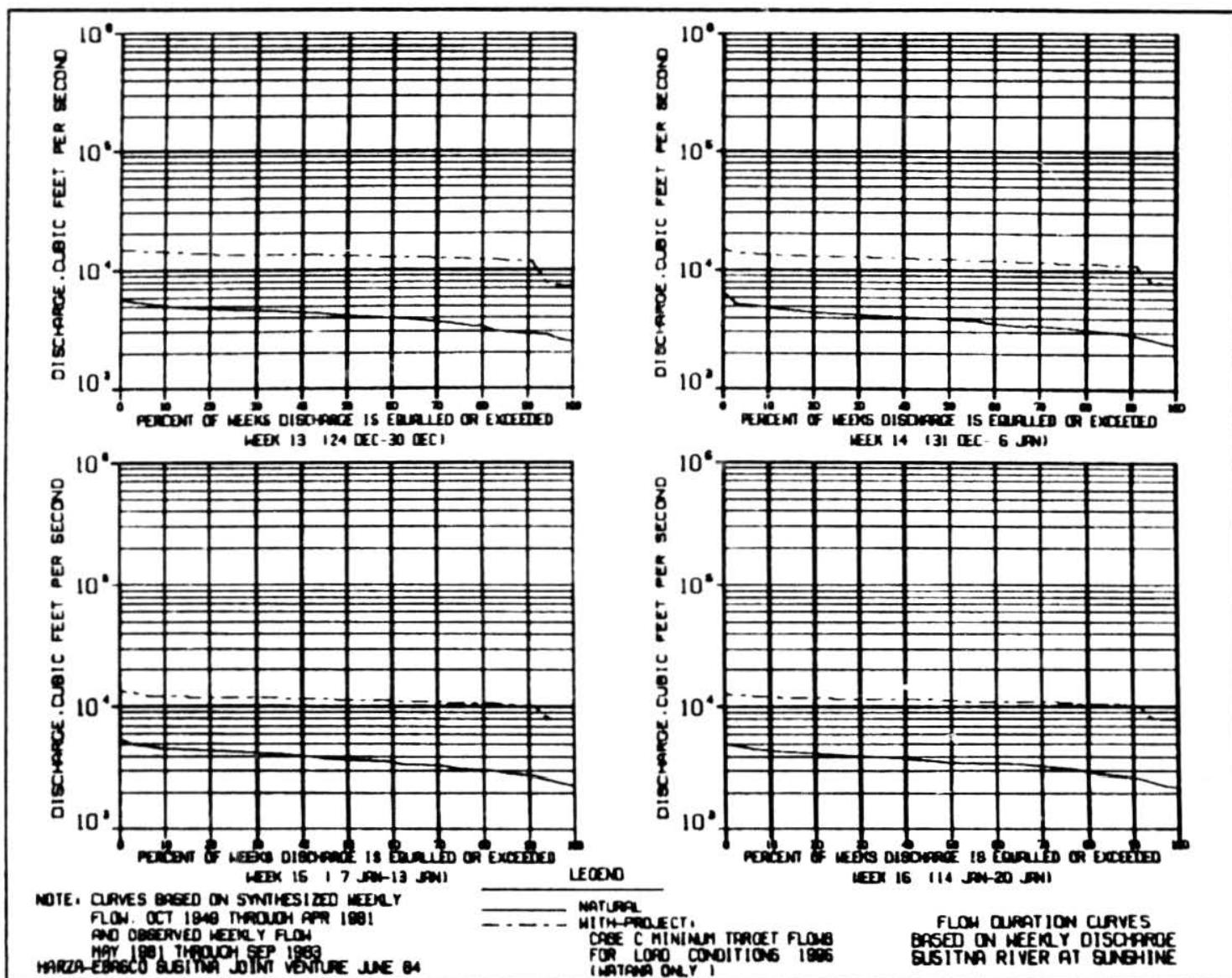


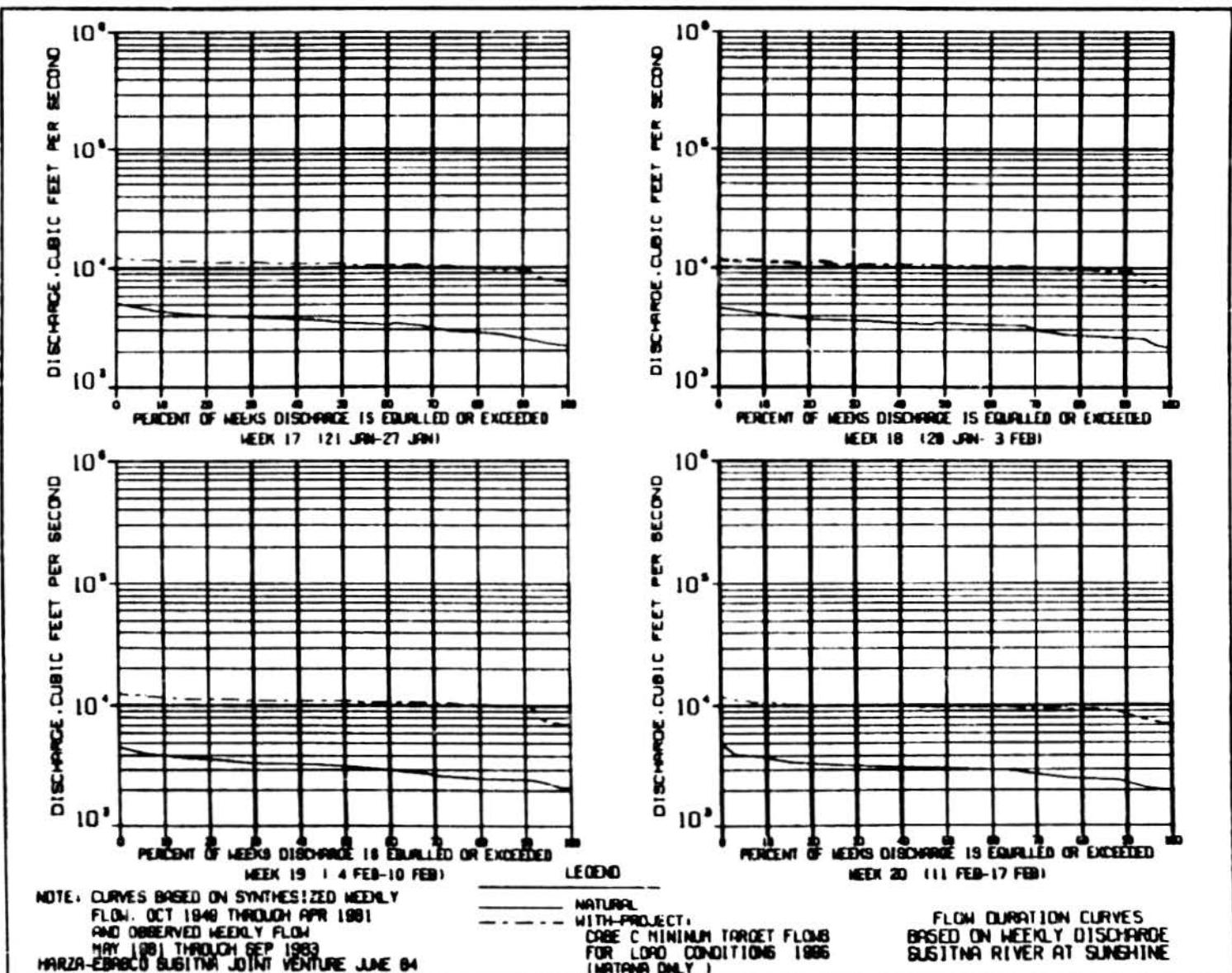
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUGH SEP 1983
MARZA-EBASCO SUSITNA JOINT VENTURE JUNE 84

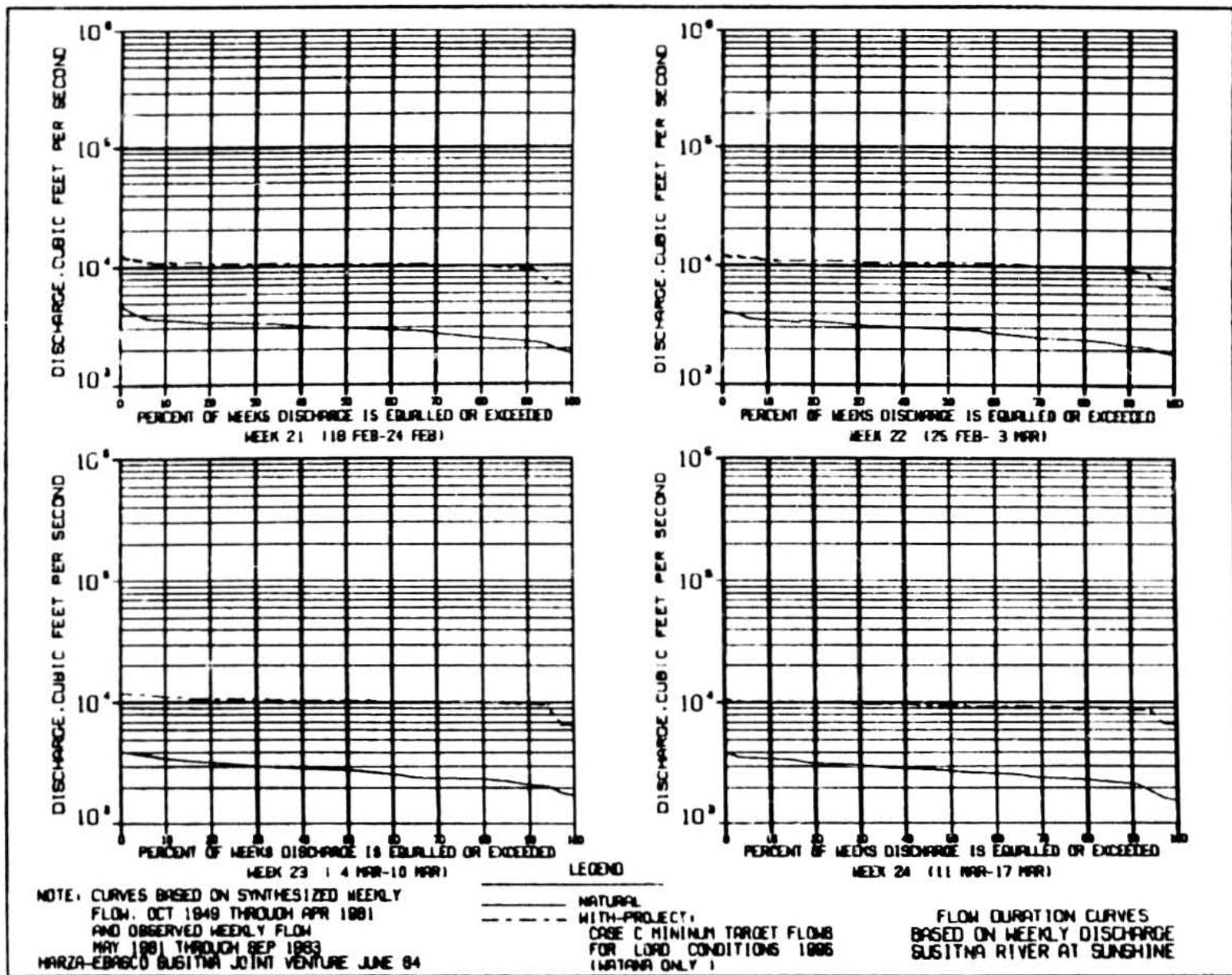
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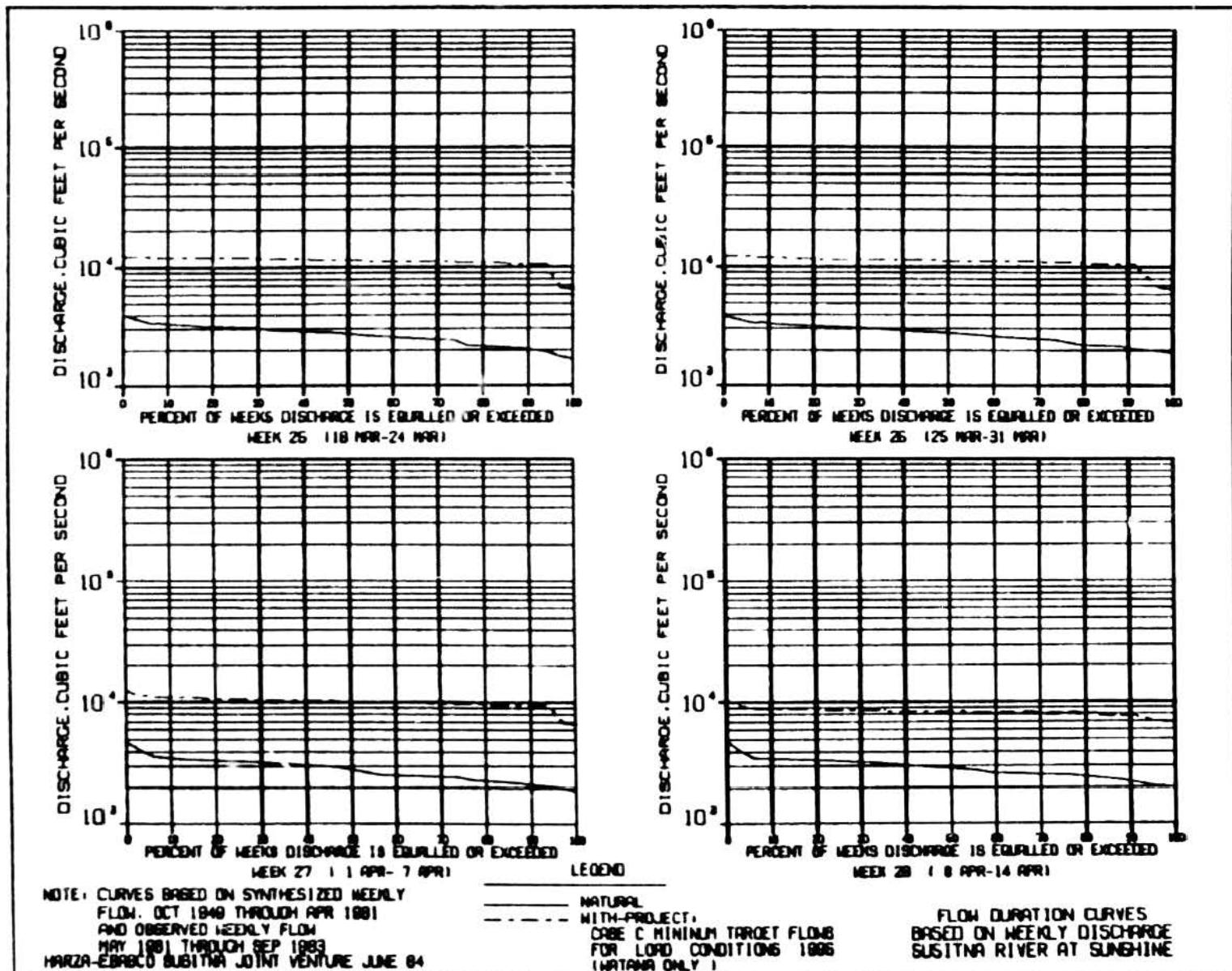
NATURAL
WITH-PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1986
(NATANA ONLY)

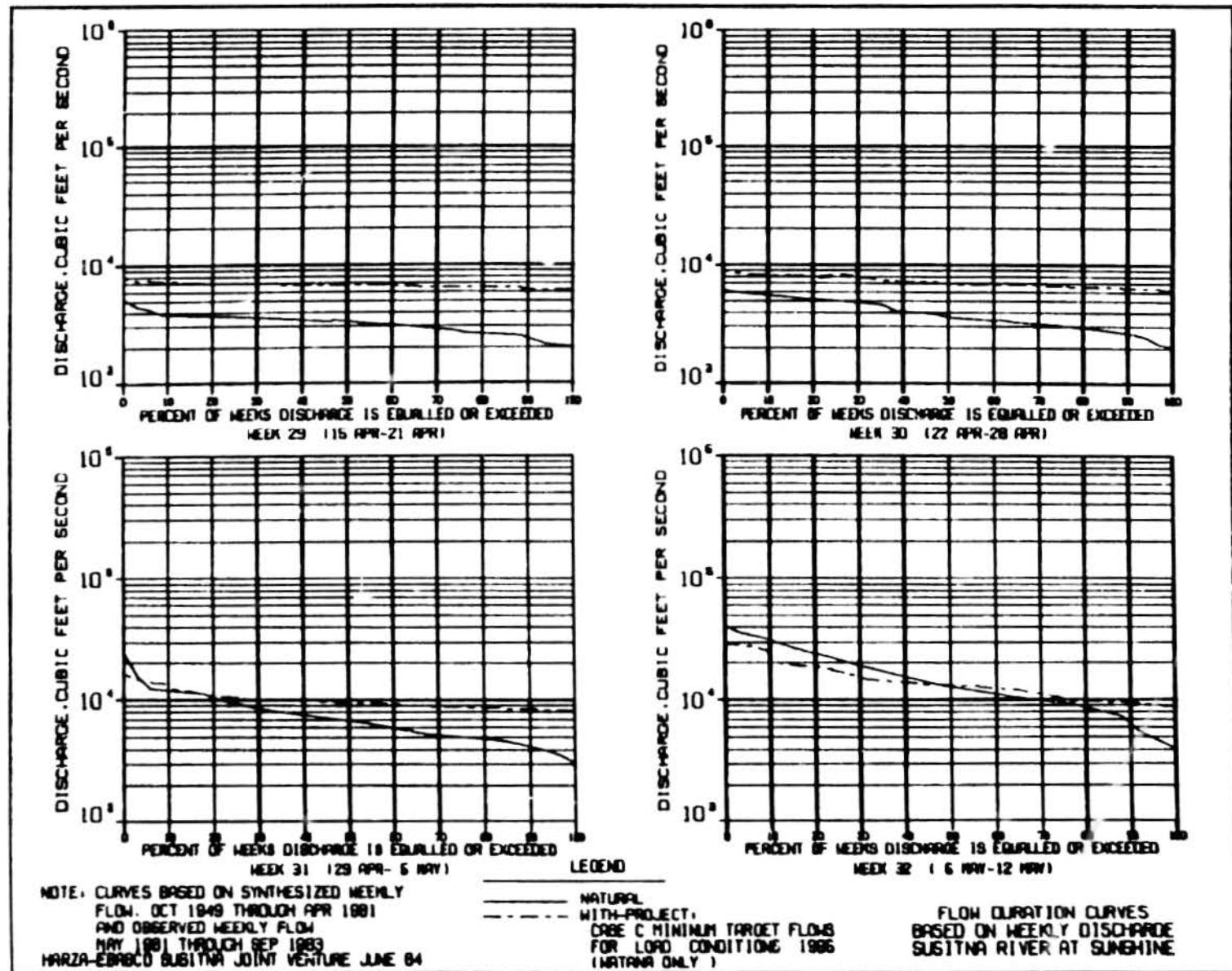
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNSHINE

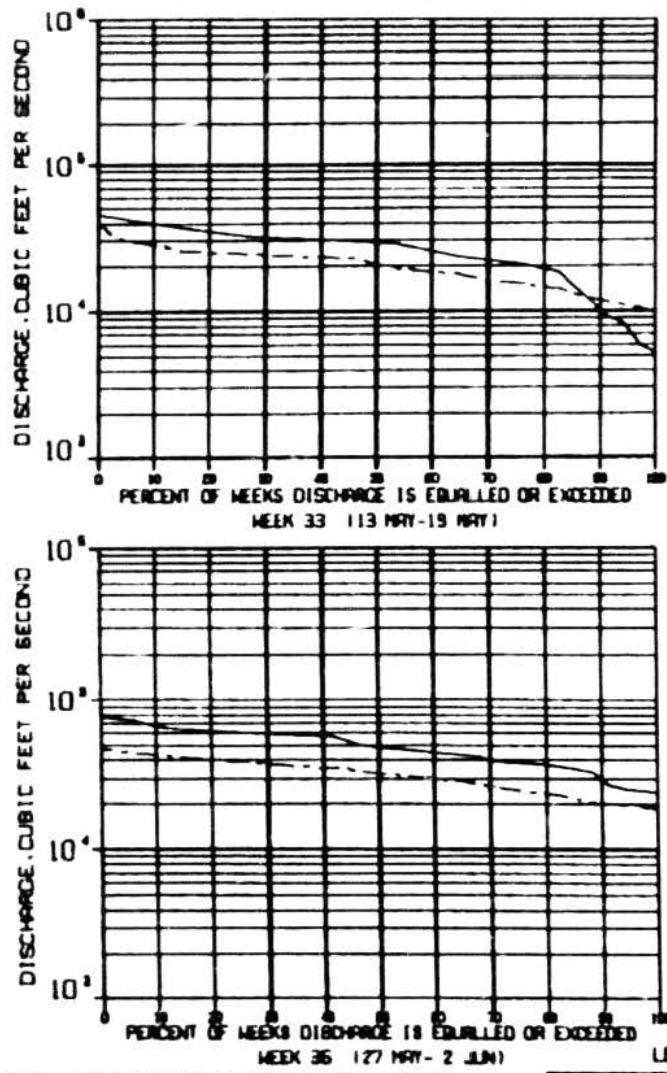








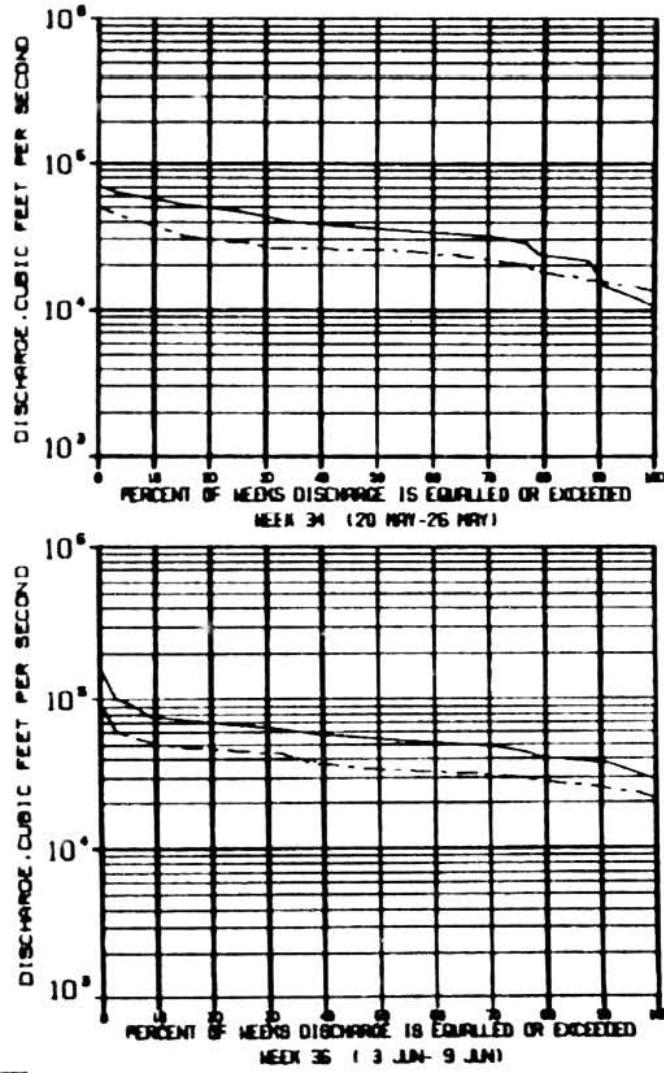




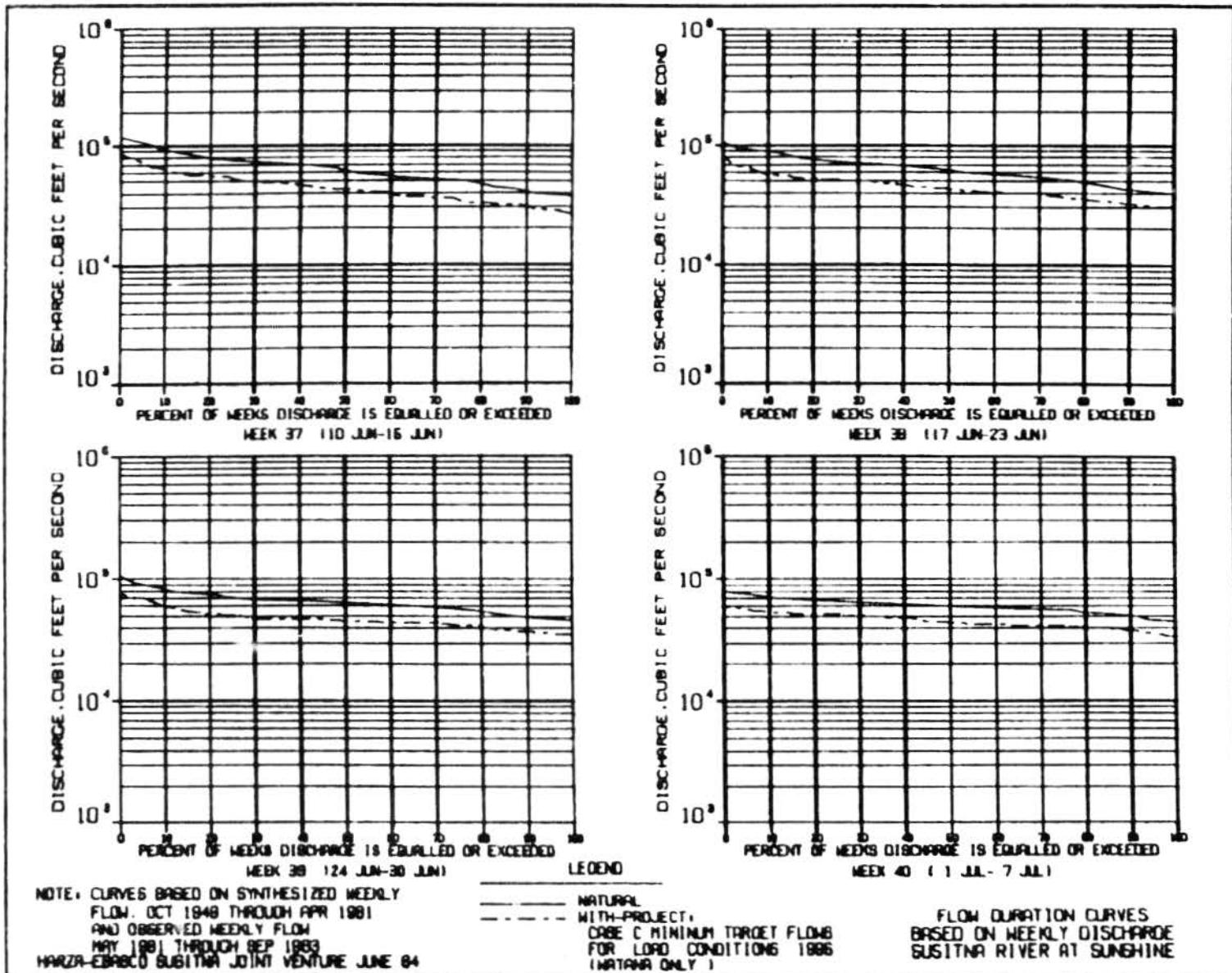
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUH APR 1981 AND OBSERVED WEEKLY FLOW MAY 1981 THROUH SEP 1983
MARZA-EBISCO BUBITNA JOINT VENTURE JUNE 84

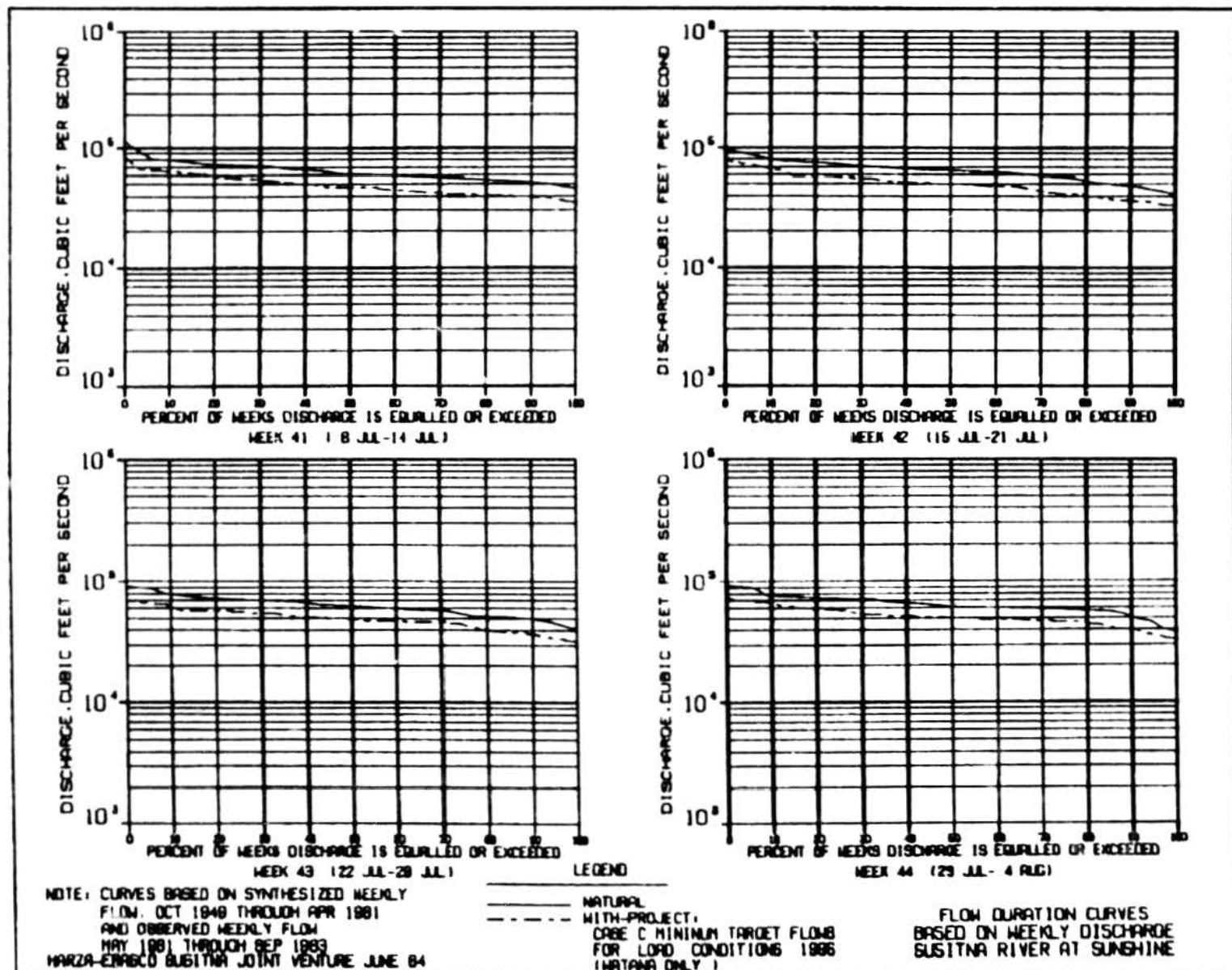
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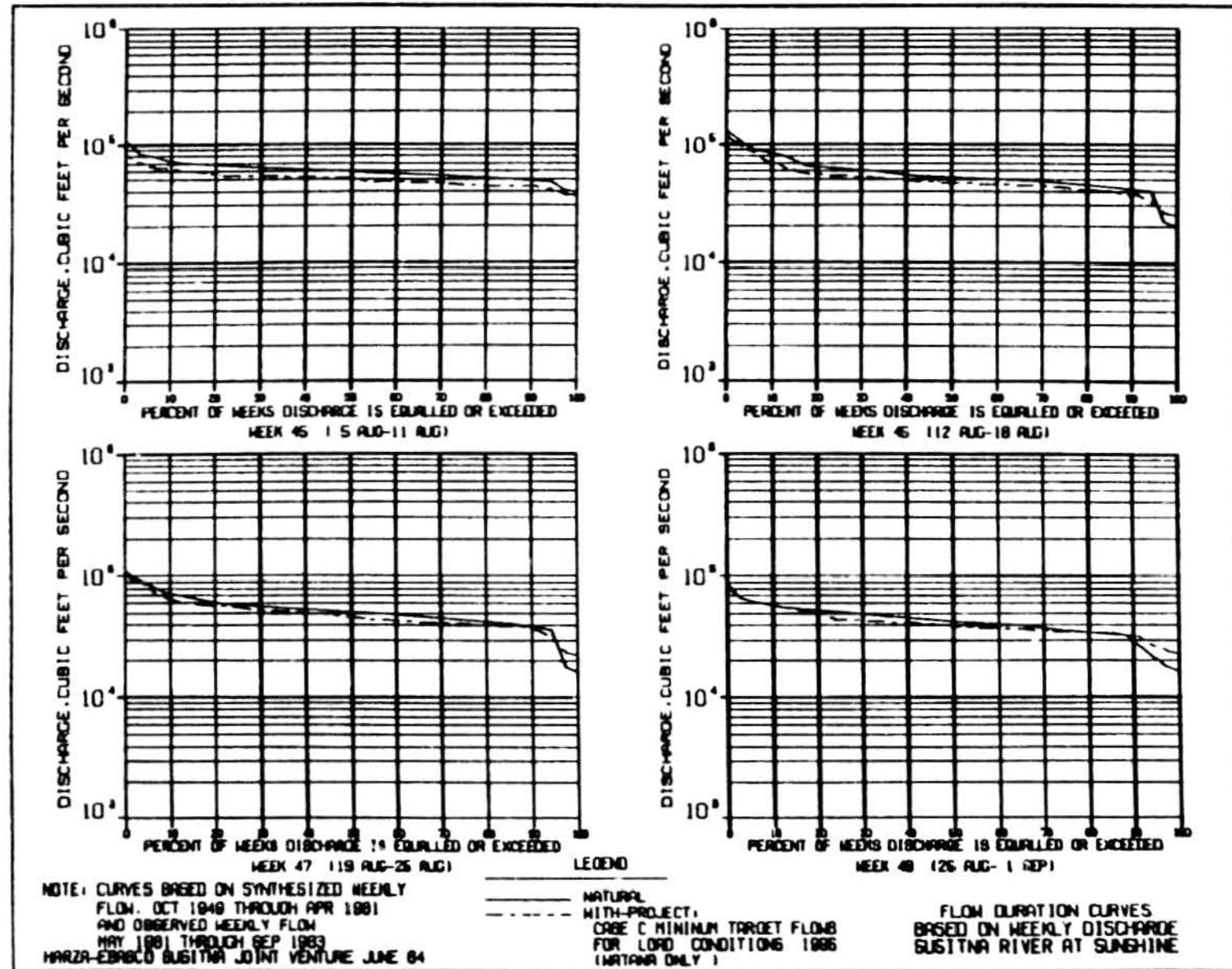
- NATURAL
- WITH PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1996
(WATANA ONLY)

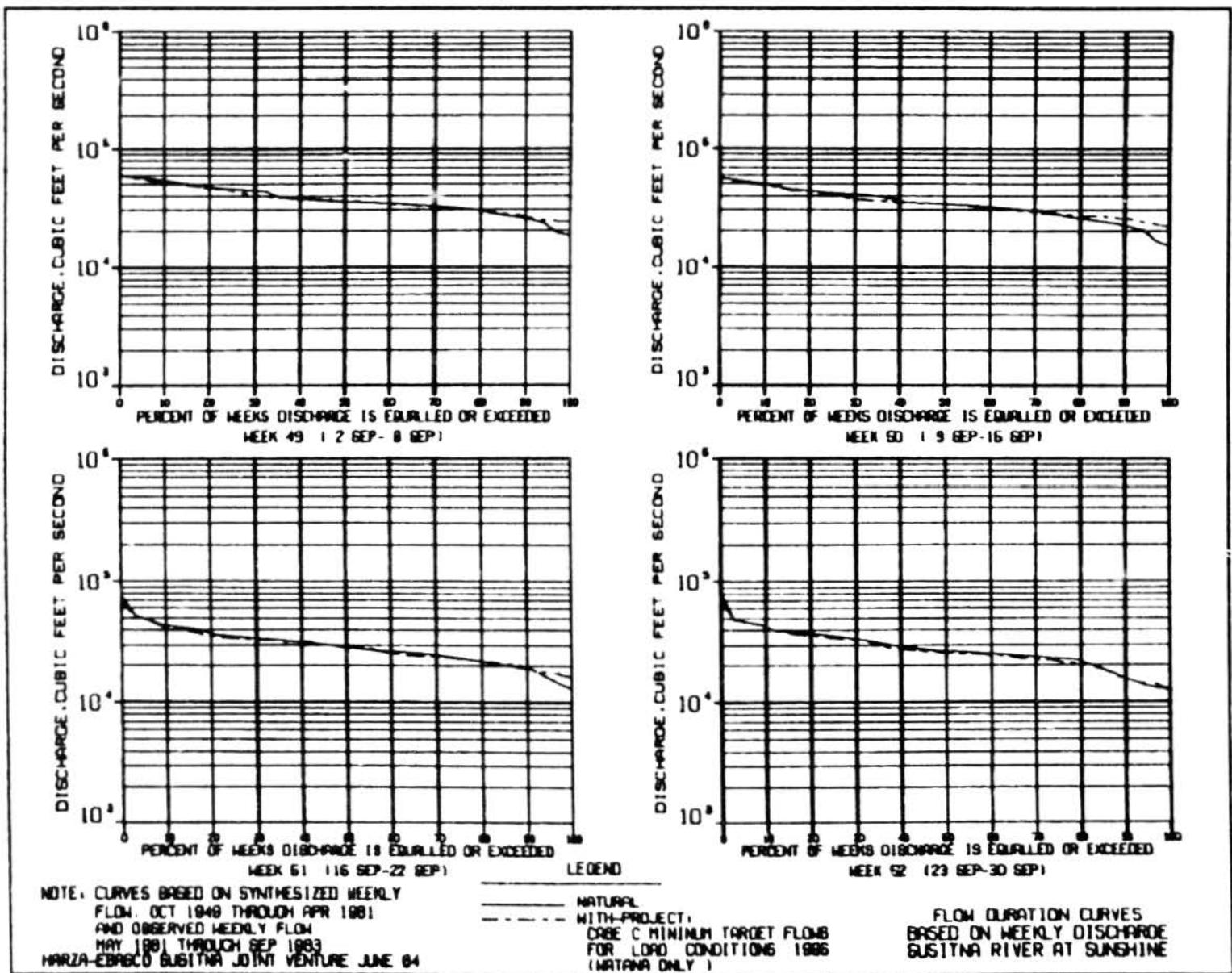


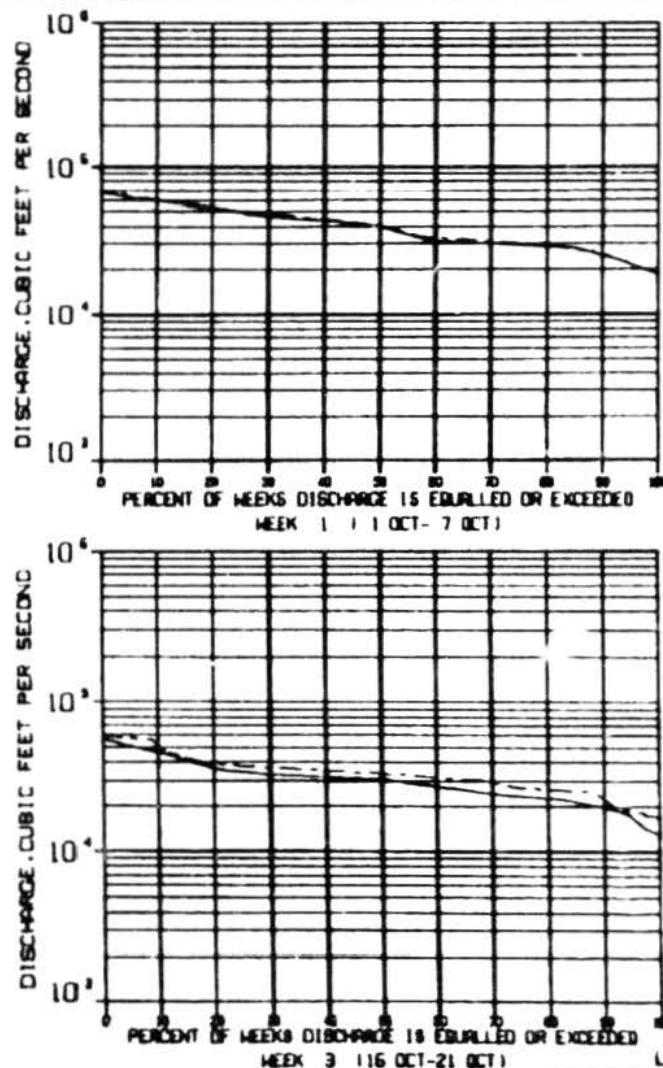
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNSHINE







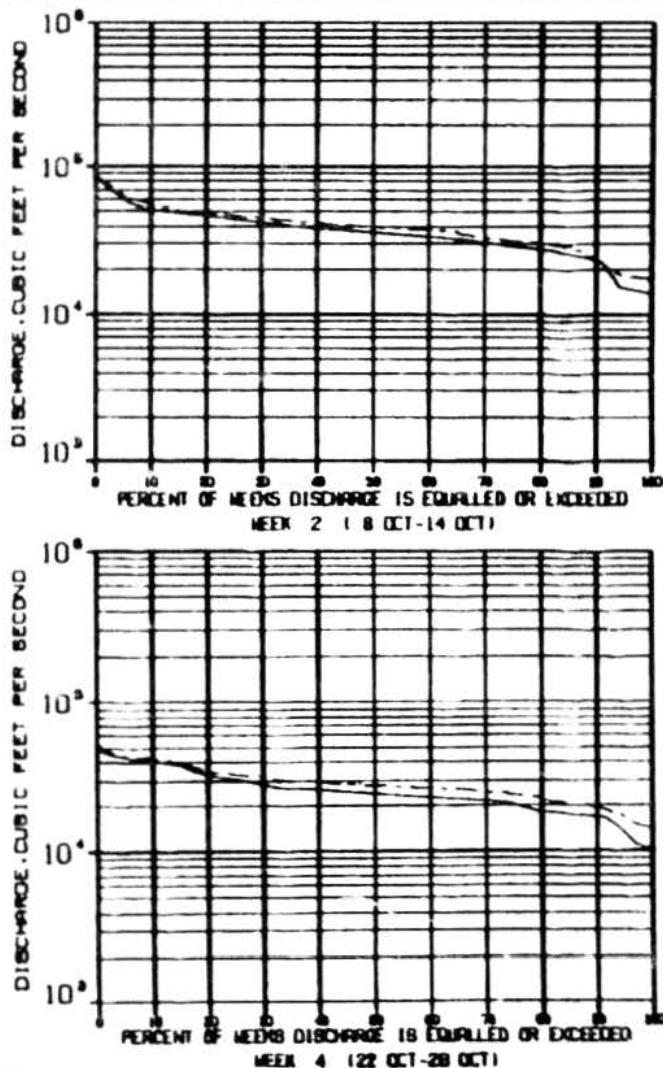




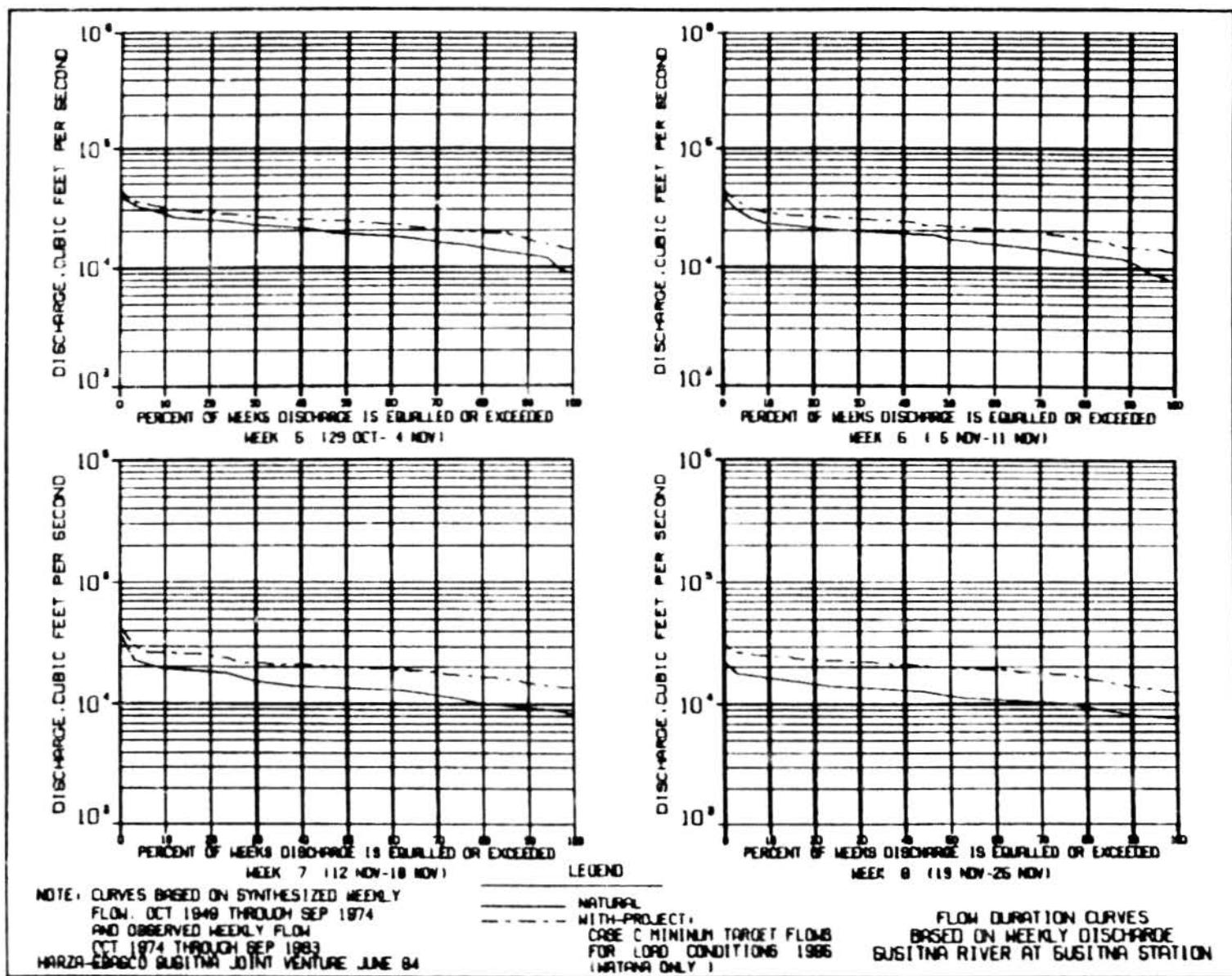
NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1949 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW OCT 1974 THROUGH SEP 1983
HARZA-ESABCO SUBSIDIARY JOINT VENTURE JUNE 84

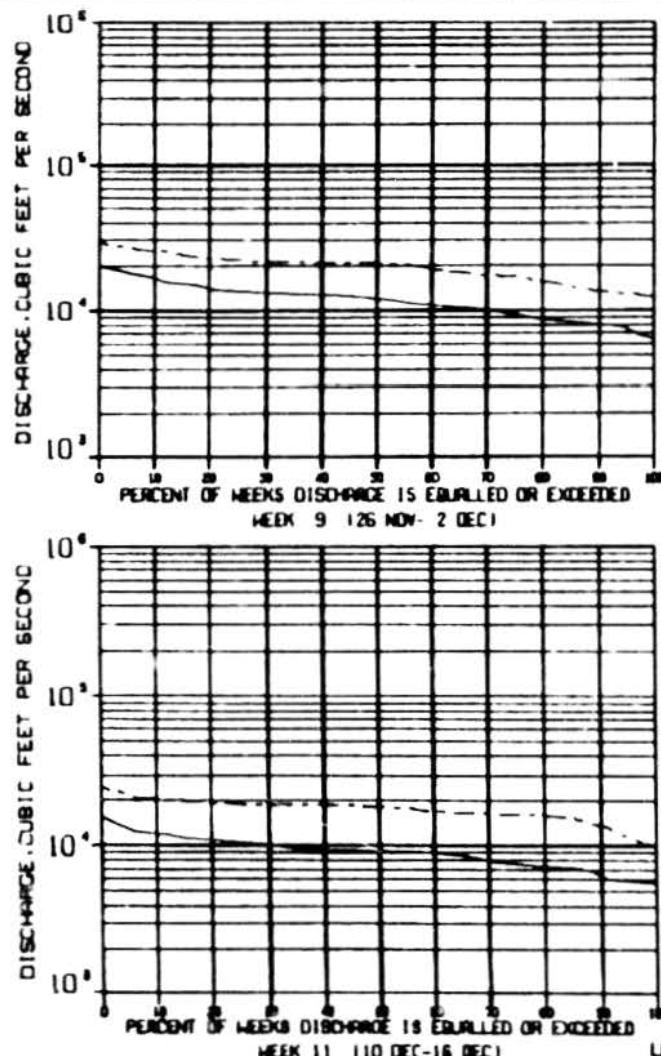
LEGEND

NATURAL
WITH-PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1996
(WATANA ONLY)



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

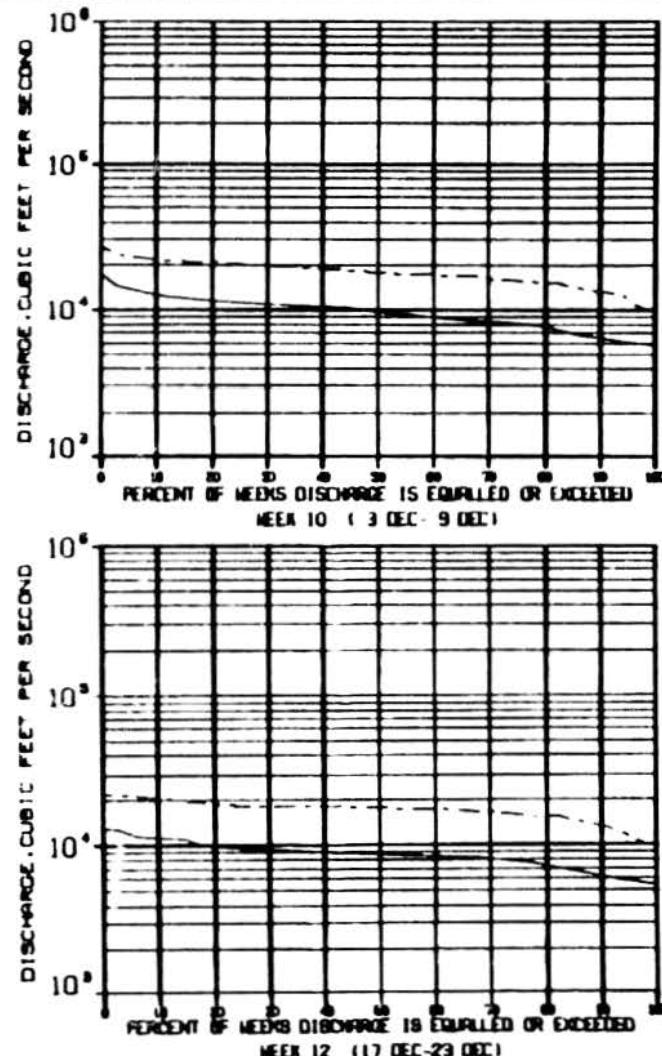




NOTE: CURVES BASED ON SYNTHESIZED WEEKLY FLOW, OCT 1948 THROUGH SEP 1974 AND OBSERVED WEEKLY FLOW, OCT 1974 THROUGH SEP 1983
HARZA-EMERGUS/THIA JOINT VENTURE JUNE 84

LEGEND

NATURAL
WITH PROJECT:
CASE C MINIMUM TARGET FLOWS
FOR LOAD CONDITIONS 1996
(WATANA ONLY)



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

