SUSITNA
HYDROELECTRIC PROJECT

FEDERAL ENERGY REGULATORY COMMISSION
PROJECT No. 7114

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

VOLUME 2
STAGE III

FINAL REPORT

HARZA-EBASCO
SUSITNA JOINT VENTURE

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SUSITNA HYDROELECTRIC PROJECT

WEEKLY STREAM FLOWS AND FLOW DURATION CURVES

AT

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

VOLUME 2, STAGE III

Prepared by

Harza-Ebasco Susitna Joint Venture

Prepared for
Alaska Power Authority

Final Report
December 1985

NOTICE

ANY QUESTIONS OR COMMENTS CONCERNING
THIS REPORT SHOULD BE DIRECTED TO
THE ALASKA POWER AUTHORITY
SUSITNA PROJECT OFFICE

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WEEKLY STREAM FLOWS AND FLOW DURATION CURVES FOR THE SUSITNA RIVER BASIN THREE STAGE PROJECT VOLUME 2 - STAGE III

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

REFERENCES

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Linsley, R.K., Kohler, M.A., and Paulhus, J.L., 1958, Hydrology for Engineers, Chapter 11, Frequency and Duration Studies, McGraw-Hill.

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TABLE 26

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	4521.	6580.	0.	0.	6580.	2184.0	481.	7061.
2	4029.	7108.	0.	0.	7108.	2182.8	431.	7539.
3	3518.	7877.	0.	0.	7877.	2181.1	375.	8252.
4	2007.	6969.	0.	0.	6969.	2179.3	214.	7183.
5	1248.	7283.	0.	0.	7283.	2177.0	142.	7425.
6	1176.	7595.	0.	0.	7595.	2174.5	132.	7727.
7	1103.	7897.	0.	0.	7897.	2172.0	124.	8021.
8	1042.	8203.	0.	0.	8203.	2169.2	117.	8320.
9	994.	8495.	0.	0.	8495.	2166.4	111.	8606.
10	903.	8873.	0.	0.	8873.	2163.4	126.	8999.
11	903.	9058.	0.	0.	9058.	2160.3	126.	9184.
12	903.	8793.	0.	0.	8793.	2157.3	126.	8919.
13	903.	8319.	0.	0.	8319.	2154.4	126.	8445.
14	828.	8088.	0.	0.	8088.	2151.7	100.	8188.
15	812.	8067.	0.	0.	8067.	2148.7	99.	8166.
16	812.	8040.	0.	0.	8040.	2145.5	99.	8139.
17	812.	8014.	0.	0.	8014.	2142.2	99.	8113.
18	757.	7986.	0.	0.	7986.	2139.0	92.	8078.
19	667.	7992.	0.	0.	7992.	2135.7	96.	8088.
20	667.	7945.	0.	0.	7945.	2132.4	96.	8041.
21	667.	7897.	0.	0.	7897.	2129.2	96.	7993.
22	641.	7792.	0.	0.	7792.	2126.0	91.	7883.
23	618.	7415.	0.	0.	7415.	2122.9	75.	7490.
24	618.	7163.	0.	0.	7163.	2120.0	75.	7238.
25	618.	6910.	0.	0.	6910.	2117.1	75.	6985.
26	618.	6764.	0.	0.	6764.	2114.4	75.	6839.
27	542.	6668.	0.	0.	6668.	2111.6	90.	6758.
28	700.	6463.	0.	0.	6463.	2109.0	112.	6575.
29	1071.	6234.	0.	0.	6234.	2106.7	176.	6410.
30	1861.	5975.	0.	0.	5975.	2104.8	305.	6280.
31	4923.	5518.	0.	0.	5518.	2104.6	655.	6173.
32	14338.	4801.	0.	0.	4801.	2108.9	1932.	6733.
33	15945.	4608.	0.	0.	4608.	2114.0	2149.	6757.
34	7915.	5047.	0.	0.	5047.	2115.2	1067.	6114.
35	13828.	4604.	0.	0.	4604.	2119.4	1866.	6470.
36	26696.	3127.	0.	0.	3127.	2130.0	2027.	5154.
37	19247.	3054.	0.	0.	3054.	2137.3	1461.	4515.
38	12238.	2994.	0.	0.	2994.	2141.4	930.	3924.
39	17232.	2922.	0.	0.	2922.	2147.9	1310.	4232.
40	18464.	2799.	0.	0.	2799.	2154.2	1614.	4413.
41	21682.	2768.	0.	0.	2758.	2161.3	1897.	4665.
42	20740.	4582.	0.	0.	4582.	2167.5	1816.	6398.
43	19074.	6660.	0.	0.	6660.	2172.2	1668.	8328.
44	17891.	5462.	0.	0.	5462.	2176.9	2168.	7630.
45	14413.	5799.	0.	0.	5799.	2180.2	1803.	7602.
46	15312.	5598.	0.	0.	5598.	2183.9	1917.	7515.
47	14985.	9698.	0.	2330.	12028.	2185.0	1875.	13901.
48	21048.	6318.	0.	14730.	21048.	2185.0	2629.	23677.
49	24531.	6620.	0.	17911.	24531.	2185.0	3723.	28254.
50	15237.	7052.	0.	8185.	15237.	2185.0	2313.	17550.
51	15738.	7288.	0.	8450.	15738.	2185.0	2390.	18128.
52	13323.	7353.	0.	5970.	13323.	2185.0	2022.	15345.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTER-ENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1952 1	7559.	7221.	0.	338.	7559.	2185.0	1019.	8578.
2	5055.	6122.	0.	0.	6122.	2184.6	680.	6802.
3	3674.	6519.	0.	0.	6519.	2183.5	495.	7014.
4	2855.	6881.	0.	0.	6881.	2182.0	385.	7266.
5	2793.	7114.	0.	0.	7114.	2180.3	482.	7596.
6	2609.	7437.	0.	0.	7437.	2178.5	442.	7879.
7	1928.	7785.	0.	0.	7785.	2176.3	328.	8113.
8	1908.	8084.	0.	0.	8084.	2173.9	323.	8407.
9	1761.	8382.	0.	0.	8382.	2171.4	299.	8681.
10	1489.	8785.	0.	0.	8785.	2168.7	255.	9040.
11	1489.	8968.	0.	0.	8968	2165.8	255.	9223.
12	1489.	8703.	0.	0.	8703.	2163.1	255.	8958.
13	1489.	8228.	0.	0.	8228.	2160.5	255.	8483.
14	1329.	8003.	0.	0.	8003.	2158.0	218.	8221.
15	1299.	7981.	0.	0.	7981.	2155.4	213.	8194.
16	1299.	7951.	0.	0.	7951.	2152.9	213.	8164.
17	1299.	7922.	0.	0.	7922.	2150.4	213.	8135.
18	1069.	7907.	0.	0.	7907.	2147.4	173.	8080.
19	819.	7952.	0.	0.	7952.	2144.2	94.	8046.
20	819.	7904.	0.	0.	7904.	2141.0	94.	7998.
21	819.	7856.	0.	0.	7856.	2137.8	94.	7950.
22	784.	7749.	0.	0.	7749.	2134.7	92.	7841.
23	730.	7365.	0.	0.	7365.	2131.7	93.	7458.
24	730.	7115.	0.	0.	7115.	2128.8	93.	7208.
25	730.	6863.	0.	0.	6863.	2126.1	93.	6956.
26	730.	6718.	0.	0.	6718.	2123.4	93.	6811.
27	796.	6639.	0.	0.	6639.	2120.8	69.	6708.
28	796.	6444.	0.	0.	6444.	2118.2	69.	6513.
29	796.	6246.	0.	0.	6246.	2115.8	69.	6315.
30	796.	6051.	0.	0.	6051.	2113.4	69.	6120.
31	909.	5726.	0.	0.	5726.	2111.2	161.	5887.
32	1132.	5616.	0.	0.	5616.	2109.2	216.	5832.
33	1549.	5514.	0.	0.	5514.	2107.4	295.	5809.
34	3357.	5283.	0.	0.	5283.	2106.6	637.	5920.
35	16784.	4071.	0.	0.	4071.	2112.3	3024.	7095.
36	19892.	3731.	0.	0.	3731.	2119.6	3259.	6990.
37	28174.	3317.	0.	0.	3317.	2130.7	4614.	7931.
38	30555.	3005.	0.	0.	3005.	2143.1	5006.	8011.
39	27039.	3017.	0.	0.	3017.	2153.3	4431.	7448.
40	23527.	2783.	0.	0.	2783.	2161.2	2928.	5711.
41	16714.	2751.	0.	0.	2751.	2166.5	2082.	4833.
42	21361.	2722.	0.	0.	2722.	2173.6	2660.	5382.
43	23150.	2711.	0.	0.	2711.	2181.4	2882.	5593.
44	30727.	5466.	0.	15663.	21129.	2185.0	3803.	24932.
45	19888.	5586.	0.	14302.	19888.	2185.0	2684.	22572.
46	15618.	5759.	0.	9859.	15618.	2185.0	2104.	17722.
47	11855.	5988.	0.	5867.	11855.	2185.0	1599.	13454.
48	13935.	6318.	0.	7617.	13935.	2185.0	1849.	15784.
49	15561.	6620.	0.	8941.	15561.	2185.0	2532.	18093.
50	10522.	7052.	0.	3470.	10522.	2185.0	1714.	12236.
51	9086.	7288.	0.	1798.	9086.	2185.0	1481.	10567.
52	10876.	7353.	0.	3523.	10876.	2185.0	1770.	12646.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8559.	7221.	0.	1338.	8559.	2185.0	1690.	10249.
2	7982.	7534.	0.	448.	7982.	2185.0	1575.	9557.
3	5556.	6234.	0.	0.	6234.	2184.7	1097.	7331.
4	4049.	6682.	0.	0.	6682.	2183.7	799.	7481.
5	3948.	7010.	0.	0.	7010.	2182.6	692.	7702.
6	3377.	7364.	0.	0.	7364.	2181.1	581.	7945.
7	2164.	7755.	0.	0.	7755.	2178.9	373.	8128.
8	2652.	8011.	0.	0.	8011.	2176.9	457.	8468.
9	1913.	8354.	0.	0.	8354.	2174.5	328.	8682.
10	1250.	8763.	0.	0.	8763.	2171.6	268.	9031.
11	1250.	8946.	0.	0.	8946.	2168.7	268.	9214.
12	1250.	8682.	0.	0.	8682.	2165.9	268.	8950.
13	1250.	8208.	0.	0.	8208.	2163.2	268.	8476.
14	880.	8000.	0.	0.	8000.	2160.5	196.	8196
15	820.	7985.	0.	0.	7985.	2157.8	181.	8166.
16	820.	7955.	0.	0.	7955.	2155.1	181.	8136.
17	820.	7926.	0.	0.	7926.	2152.4	181.	8108.
18	722.	7903.	0.	0.	7903.	2149.6	160.	8063.
19	598.	7924.	0.	0.	7924.	2146.3	130.	8054.
20	598.	7877.	0.	0.	7877.	2143.0	130.	8007.
21	598.	7829.	0.	0.	7829.	2139.8	130.	7959.
22	606.	7721.	0.	0.	7721.	2136.6	131.	7852.
23	678.	7357.	0.	0.	7357.	2133.6	92.	7449.
24	678.	7107.	0.	0.	7107.	2130.7	92.	7199.
25	678.	6855.	0.	0.	6855.	2127.9	92.	6947.
26	678.	6710.	0.	0.	6710.	2125.2	92.	6802.
27	486.	6651.	0.	0.	6651.	2122.4	29.	6680.
28	486.	6457.	0.	0.	6457.	2119.7	29.	6486.
29	785.	6250.	0.	0.	6250.	2117.3	48.	6298.
30	1308.	6041.	0.	0.	6041.	2115.1	76.	6117.
31	10007.	4983.	0.	0.	4983.	2117.4	1675.	6658.
32	13666.	4493.	0.	0.	4493.	2121.5	2485.	6978.
33	12435.	4517.	0.	0.	4517.	2125.1	2261.	6778.
34	21448.	3648.	0.	0.	3648.	2133.1	3898.	7546.
35	16652.	3980.	0.	0.	3980.	2138.8	3063.	7043.
36	27821.	3063.	0.	0.	3063.	2149.9	4862.	7925.
37	21482.	3510.	0.	0.	3510.	2156.8	3755.	7265.
38	17488.	3174.	0.	0.	3174.	2162.2	3055.	6229.
39	20466.	3212.	0.	0.	3212.	2168.7	3574.	6786.
40	17377.	2741.	0.	0.	2741.	2174.3	1737.	4478.
41	15695.	2719.	0.	0.	2719.	2179.2	1567.	4286.
42	17070.	2699.	0.	0.	2699.	2184.7	1705.	4404.
43	17745.	5155.	0.	11795.	16950.	2185.0	1773.	18723.
44	20931.	5466.	0.	15465.	20931.	2185.0	3074.	24005.
45	17859.	5586.	0.	12273.	17859.	2185.0	2716.	20575.
46	14312.	5759.	0.	8553.	14312.	2185.0	2175.	16487.
47	14731.	5988.	0.	8743.	14731.	2185.0	2241.	16972.
48	17519.	6318.	0.	11201.	17519.	2185.0	2672.	20191.
49	14058.	6620.	0.	7438.	14058.	2185.0	2991.	17049.
50	12806.	7052.	0.	5754.	12806.	2185.0	2725.	15531.
51	10679.	7288.	0.	3391.	10679.	2185.0	2272.	12951.
52	8137.	7353.	0.	784.	8137.	2185.0	1730.	9867.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8559.	7221.	0.	1338.	8559.	2185.0	1690.	10249.
2	7982.	7534.	0.	448.	7982.	2185.0	1575.	9557.
3	5556.	6234.	0.	0.	6234.	2184.7	1097.	7331.
4	4049.	6682.	0.	0.	6682.	2183.7	799.	7481.
5	3948.	7010.	0.	0.	7010.	2182.6	692.	7702.
6	3377.	7364.	0.	0.	7364.	2181.1	581.	7945.
7	2164.	7755.	0.	0.	7755.	2178.9	373.	8128.
8	2652.	8011.	0.	0.	8011.	2176.9	457.	8468.
9	1913.	8354.	0.	0.	8354.	2174.5	328.	8682.
10	1250.	8763.	0.	0.	8763.	2171.6	268.	9031.
11	1250.	8946.	0.	0.	8946.	2168.7	268.	9214.
12	1250.	8682.	0.	0.	8682.	2165.9	268.	8950.
13	1250.	8208.	0.	0.	8208.	2163.2	268.	8476.
14	880.	8000.	0.	0.	8000.	2160.5	196.	8196
15	820.	7985.	0.	0.	7985.	2157.8	181.	8166.
16	820.	7955.	0.	0.	7955.	2155.1	181.	8136.
17	820.	7926.	0.	0.	7926.	2152.4	181.	8108.
18	722.	7903.	0.	0.	7903.	2149.6	160.	8063.
19	598.	7924.	0.	0.	7924.	2146.3	130.	8054.
20	598.	7877.	0.	0.	7877.	2143.0	130.	8007.
21	598.	7829.	0.	0.	7829.	2139.8	130.	7959.
22	606.	7721.	0.	0.	7721.	2136.6	131.	7852.
23	678.	7357.	0.	0.	7357.	2133.6	92.	7449.
24	678.	7107.	0.	0.	7107.	2130.7	92.	7199.
25	678.	6855.	0.	0.	6855.	2127.9	92.	6947.
26	678.	6710.	0.	0.	6710.	2125.2	92.	6802.
27	486.	6651.	0.	0.	6651.	2122.4	29.	6680.
28	486.	6457.	0.	0.	6457.	2119.7	29.	6486.
29	785.	6250.	0.	0.	6250.	2117.3	48.	6298.
30	1308.	6041.	0.	0.	6041.	2115.1	76.	6117.
31	10007.	4983.	0.	0.	4983.	2117.4	1675.	6658.
32	13666.	4493.	0.	0.	4493.	2121.5	2485.	6978.
33	12435.	4517.	0.	0.	4517.	2125.1	2261.	6778.
34	21448.	3648.	0.	0.	3648.	2133.1	3898.	7546.
35	16652.	3980.	0.	0.	3980.	2138.8	3063.	7043.
36	27821.	3063.	0.	0.	3063.	2149.9	4862.	7925.
37	21482.	3510.	0.	0.	3510.	2156.8	3755.	7265.
38	17488.	3174.	0.	0.	3174.	2162.2	3055.	6229.
39	20466.	3212.	0.	0.	3212.	2168.7	3574.	6786.
40	17377.	2741.	0.	0.	2741.	2174.3	1737.	4478.
41	15695.	2719.	0.	0.	2719.	2179.2	1567.	4286.
42	17070.	2699.	0.	0.	2699.	2184.7	1705.	4404.
43	17745.	5155.	0.	11795.	16950.	2185.0	1773.	18723.
44	20931.	5466.	0.	15465.	20931.	2185.0	3074.	24005.
45	17859.	5586.	0.	12273.	17859.	2185.0	2716.	20575.
46	14312.	5759.	0.	8553.	14312.	2185.0	2175.	16487.
47	14731.	5988.	0.	8743.	14731.	2185.0	2241.	16972.
48	17519.	6318.	0.	11201.	17519.	2185.0	2672.	20191.
49	14058.	6620.	0.	7438.	14058.	2185.0	2991.	17049.
50	12806.	7052.	0.	5754.	12806.	2185.0	2725.	15531.
51	10679.	7288.	0.	3391.	10679.	2185.0	2272.	12951.
52	8137.	7353.	0.	784.	8137.	2185.0	1730.	9867.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA- DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1954 1	6126.	6126.	0.	0.	6126.	2185.0	1294.	7420.
2	5080.	5938.	0.	0.	5938.	2184.7	1072.	7010.
3	3728.	6382.	0.	0.	6382.	2183.7	786.	7168.
4	2971.	6767.	0.	0.	6767.	2182.2	626.	7393.
5	1821.	7163.	0.	0.	7163.	2180.2	378.	7541.
6	1738.	7483.	0.	0.	7483.	2178.0	347.	7830.
7	1608.	7791.	0.	0.	7791.	2175.7	320.	8111.
8	1497.	8099.	0.	0.	8099.	2173.2	299.	8398.
9	1361.	8399.	0.	0.	8399.	2170.5	272.	8671.
10	1174.	8816.	0.	0.	8816.	2167.6	200.	9016.
11	1174.	9000.	0.	0.	9000.	2164.6	200.	9200.
12	1174.	8735.	0.	0.	8735.	2161.7	200.	8935.
13	1174.	8261.	0.	0.	8261.	2159.0	200.	8461.
14	1120.	8047.	0.	0.	8047.	2156.4	140.	8187.
15	1099.	8025.	0.	0.	8025.	2153.8	137.	8162.
16	1099.	7995.	0.	0.	7995.	2151.2	137.	8132.
17	1099.	7967.	0.	0.	7967.	2148.3	137.	8104.
18	982.	7941.	0.	0.	7941.	2145.2	123.	8064.
19	794.	7946.	0.	0.	7946.	2141.9	129.	8075.
20	794.	7898.	0.	0.	7898.	2138.7	129.	8027.
21	794.	7850.	0.	0.	7850.	2135.6	129.	7979.
22	716.	7748.	0.	0.	7748.	2132.4	118.	7866.
23	630.	7378.	0.	0.	7378.	2129.4	88.	7466.
24	630.	7128.	0.	0.	7128.	2126.4	88.	7216.
25	630.	6876.	0.	0.	6876.	2123.6	88.	6964.
26	630.	6730.	0.	0.	6730.	2120.9	88.	6818.
27	506.	6645.	0.	0.	6645.	2118.1	79.	6724.
28	506.	6450.	0.	0.	6450.	2115.5	79.	6529.
29	870.	6225.	0.	0.	6225.	2113.1	136.	6361.
30	930.	6025.	0.	0.	6025.	2110.8	146.	6171.
31	4308.	5193.	0.	0.	5193.	2110.4	1280.	6473.
32	8521.	4457.	0.	0.	4457.	2112.2	2613.	7070.
33	13802.	3596.	0.	0.	3596.	2116.8	4233.	7829.
34	15823.	3215.	0.	0.	3215.	2122.5	4851.	8066.
35	14807.	3275.	0.	0.	3275.	2127.6	4594.	7869.
36	19799.	3669.	0.	0.	3669.	2134.9	3646.	7315.
37	19022.	3649.	0.	0.	3649.	2141.8	3503.	7152.
38	18245.	3512.	0.	0.	3512.	2148.4	3358.	6870.
39	22178.	3305.	0.	0.	3305.	2155.8	4084.	7389.
40	19307.	3837.	0.	0.	3837.	2161.7	2306.	6143.
41	15396.	3270.	0.	0.	3270.	2166.3	1841.	5111.
42	14981.	3195.	0.	0.	3195.	2170.8	1790.	4985.
43	14981.	3227.	0.	0.	3227.	2175.3	1790.	5017.
44	24614.	3494.	0.	0.	3494.	2183.3	4396.	7890.
45	20049.	5586.	0.	9972.	15558.	2185.0	3574.	19132.
46	20049.	5759.	0.	14290.	20049.	2185.0	3574.	23623.
47	20049.	5988.	0.	14061.	20049.	2185.0	3574.	23623.
48	18930.	6318.	0.	12612.	18930.	2185.0	3420.	22350.
49	11256.	6620.	0.	4636.	11256.	2185.0	3032.	14288.
50	9676.	7052.	0.	2624.	9676.	2185.0	2606.	12282.
51	9025.	7288.	0.	1737.	9025.	2185.0	2431.	11456.
52	5793.	5793.	0.	0.	5793.	2185.0	1562.	7355.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	4746.	5566.	0.	0.	5566.	2184.7	1207.	6773.
2	4461.	5911.	0.	0.	5911.	2184.1	1132.	7043.
3	3359.	6353.	0.	0.	6353.	2183.0	852.	7205.
4	3359.	6663.	0.	0.	6663.	2181.7	852.	7515.
5	2716.	7060.	0.	0.	7060.	2180.1	600.	7660.
6	2156.	7420.	0.	0.	7420.	2178.1	481.	7901.
7	2032.	7727.	0.	0.	7727.	2175.9	455.	8182.
8	1796.	8049.	0.	0.	8049.	2173.6	401.	8450.
9	1756.	8344.	0.	0.	8344.	2171.1	384.	8728.
10	1657.	8748.	0.	0.	8748.	2168.4	338.	9086.
11	1624.	8933.	0.	0.	8933.	2165.6	332.	9265.
12	1431.	8686.	0.	0.	8686.	2162.8	292.	8978.
13	1431.	8212.	0.	0.	8212.	2160.3	292.	8504.
14	1546.	7969.	0.	0.	7969.	2157.8	292.	8261.
15	1561.	7943.	0.	0.	7943.	2155.4	294.	8237.
16	1338.	7933.	0.	0.	7933.	2152.9	251.	8184.
17	1249.	7912.	0.	0.	7912.	2150.4	234.	8146.
18	1179.	7884.	0.	0.	7884.	2147.4	222.	8106.
19	1052.	7888.	0.	0.	7888.	2144.3	228.	8116.
20	1052.	7839.	0.	0.	7839.	2141.3	228.	8067.
21	1052.	7791.	0.	0.	7791.	2138.2	228.	8019.
22	949.	7694.	0.	0.	7694.	2135.2	204.	7898.
23	879.	7345.	0.	0.	7345.	2132.3	131.	7476.
24	879.	7094.	0.	0.	7094.	2129.5	131.	7225.
25	879.	6842.	0.	0.	6842.	2126.8	131.	6973.
26	879.	6696.	0.	0.	6696.	2124.2	131.	6827.
27	828.	6605.	0.	0.	6605.	2121.6	134.	6739.
28	828.	6409.	0.	0.	6409.	2119.1	134.	6543.
29	828.	6211.	0.	0.	6211.	2116.7	134.	6345.
30	828.	6016.	0.	0.	6016.	2114.3	134.	6150.
31	2519.	5500.	0.	0.	5500.	2113.0	618.	6118.
32	3321.	5312.	0.	0.	5312.	2112.1	829.	6141.
33	3882.	5176.	0.	0.	5176.	2111.5	967.	6143.
34	11626.	4173.	0.	0.	4173.	2114.9	2894.	7067.
35	12771.	3973.	0.	0.	3973.	2118.8	3183.	7156.
36	17007.	3305.	0.	0.	3305.	2125.0	2116.	5421.
37	27727.	3842.	0.	0.	3842.	2135.7	3448.	7290.
38	30081.	3801.	0.	0.	3801.	2147.6	3741.	7542.
39	28168.	3442.	0.	0.	3442.	2157.3	3505.	6947.
40	29660.	2766.	0.	0.	2766.	2167.5	3134.	5900.
41	24776.	2729.	0.	0.	2729.	2175.9	2618.	5347.
42	19124.	2704.	0.	0.	2704.	2182.2	2021.	4725.
43	22869.	5155.	0.	10244.	15399.	2185.0	2413.	17812.
44	20805.	5466.	0.	15339.	20805.	2185.0	1298.	22103.
45	19270.	5586.	0.	13684.	19270.	2185.0	1163.	20433.
46	19771.	5759.	0.	14012.	19771.	2185.0	1194.	20965.
47	24039.	5988.	0.	18051.	24039.	2185.0	1449.	25488.
48	34146.	6313.	0.	24000.	30313.	2186.5	2045.	32358.
49	17921.	7944.	0.	13810.	21754.	2185.0	688.	22442.
50	13691.	8462.	0.	5229.	13691.	2185.0	528.	14219.
51	11128.	8746.	0.	2382.	11128.	2185.0	427.	11555.
52	8763.	8763.	0.	0.	8763.	2185.0	337.	9100.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1956 1	6059.	6059.	0.	0.	6059.	2185.0	809.	6868.
2	4461.	6140.	0.	0.	6140.	2184.4	594.	6734.
3	3633.	6502.	0.	0.	6502.	2183.3	484.	6986.
4	3129.	6842.	0.	0.	6842.	2181.9	418.	7260.
5	2062.	7194.	0.	0.	7194.	2179.9	263.	7457.
6	1721.	7521.	0.	0.	7521.	2177.7	217.	7738.
7	1581.	7825.	0.	0.	7825.	2175.3	200.	8025.
8	1393.	8136.	0.	0.	8136.	2172.8	177.	8313.
9	1306.	8431.	0.	0.	8431.	2170.1	164.	8595.
10	1027.	8812.	0.	0.	8812.	2167.1	170.	8982.
11	1027.	8997.	0.	0.	8997.	2164.1	170.	9167.
12	1027.	8752.	0.	0.	8752.	2161.1	170.	8922.
13	1027.	8278.	0.	0.	8278.	2158.4	170.	8448.
14	848.	8064.	0.	0.	8064.	2155.7	110.	8174.
15	810.	8045.	0.	0.	8045.	2152.9	103.	8148.
16	810.	8016.	0.	0.	8016.	2150.2	103.	8119.
17	810.	7989.	0.	0.	7989.	2147.0	103.	8092.
18	809.	7957.	0.	0.	7957.	2143.8	105.	8062.
19	750.	7947.	0.	0.	7947.	2140.5	142.	8089.
20	750.	7899.	0.	0.	7899.	2137.3	142.	8041.
21	750.	7851.	0.	0.	7851.	2134.1	142.	7993.
22	739.	7744.	0.	0.	7744.	2131.0	140.	7884.
23	689.	7351.	0.	0.	7351.	2128.0	160.	7511.
24	689.	7099.	0.	0.	7099.	2125.1	160.	7259.
25	689.	6847.	0.	0.	6847.	2122.3	160.	7007.
26	689.	6701.	0.	0.	6701.	2119.6	160.	6861.
27	641.	6627.	0.	0.	6627.	2116.9	129.	6756.
28	641.	6431.	0.	0.	6431.	2114.3	129.	6560.
29	641.	6233.	0.	0.	6233.	2111.8	129.	6362.
30	641.	6039.	0.	0.	6039.	2109.4	129.	6168.
31	1798.	5615.	0.	0.	5615.	2107.7	422.	6037.
32	8483.	4775.	0.	0.	4775.	2109.3	1972.	6747.
33	12106.	4288.	0.	0.	4288.	2112.8	2816.	7104.
34	24085.	3210.	0.	0.	3210.	2122.2	5602.	8812.
35	15966.	3659.	0.	0.	3659.	2127.8	3794.	7453.
36	27294.	3553.	0.	0.	3553.	2138.4	3880.	7433.
37	35522.	3018.	0.	0.	3018.	2152.6	5051.	8069.
38	26081.	3437.	0.	0.	3437.	2161.2	3709.	7146.
39	22994.	3321.	0.	0.	3321.	2168.7	3269.	6590.
40	24335.	2740.	0.	0.	2740.	2176.9	3071.	5811.
41	26536.	5016.	0.	86.	5102.	2185.0	3349.	8451.
42	26799.	5065.	0.	21734.	26799.	2185.0	3382.	30181.
43	26153.	5155.	0.	20998.	26153.	2185.0	3301.	29454.
44	24666.	5466.	0.	19200.	24666.	2185.0	4364.	29030.
45	22447.	5586.	0.	16861.	22447.	2185.0	4063.	26510.
46	20285.	5759.	0.	14526.	20285.	2185.0	3671.	23956.
47	16173.	5988.	0.	10185.	16173.	2185.0	2926.	19099.
48	13792.	6318.	0.	7474.	13792.	2185.0	2514.	16306.
49	11446.	6620.	0.	4826.	11446.	2185.0	2893.	14339.
50	16046.	7052.	0.	8994.	16046.	2185.0	4055.	20101.
51	15637.	7288.	0.	8349.	15637.	2185.0	3951.	19588.
52	10015.	7353.	0.	2662.	10015.	2185.0	2532.	12547.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1957 1	5279.	5523.	0.	0.	5523.	2184.9	1298.	6821.
2	5279.	5832.	0.	0.	5832.	2184.7	1298.	7130.
3	3583.	6338.	0.	0.	6338.	2183.7	879.	7217.
4	3300.	6681.	0.	0.	6681.	2182.4	810.	7491.
5	2789.	7053.	0.	0.	7053.	2180.7	610.	7663.
6	2342.	7403.	0.	0.	7403.	2178.8	513.	7916.
7	2247.	7706.	0.	0.	7706.	2176.8	493.	8199.
8	2123.	8016.	0.	0.	8016.	2174.5	464.	8480.
9	2035.	8315.	0.	0.	8315.	2172.1	436.	8751.
10	1908.	8758.	0.	0.	8758.	2169.5	305.	9063.
11	1852.	8944.	0.	0.	8944.	2166.8	295.	9239.
12	1509.	8703.	0.	0.	8703.	2164.1	242.	8945.
13	1509.	8229.	0.	0.	8229.	2161.5	242.	8471.
14	1399.	7999.	0.	0.	7999.	2159.0	215.	8214.
15	1378.	7977.	0.	0.	7977.	2156.5	210.	8187.
16	1378.	7947.	0.	0.	7947.	2154.0	210.	8157.
17	1378.	7917.	0.	0.	7917.	2151.6	210.	8127.
18	1310.	7889.	0.	0.	7889.	2148.9	199.	8088.
19	1193.	7892.	0.	0.	7892.	2145.9	203.	8095.
20	1193.	7844.	0.	0.	7844.	2142.9	203.	8047.
21	1193.	7795.	0.	0.	7795.	2139.9	203.	7998.
22	1079.	7695.	0.	0.	7695.	2136.9	184.	7879.
23	920.	7319.	0.	0.	7319.	2134.1	168.	7487.
24	920.	7068.	0.	0.	7068.	2131.3	168.	7236.
25	920.	6816.	0.	0.	6816.	2128.6	168.	6984.
26	920.	6671.	0.	0.	6671.	2126.0	168.	6839.
27	837.	6596.	0.	0.	6596.	2123.5	137.	6733.
28	837.	6400.	0.	0.	6400.	2121.0	137.	6537.
29	837.	6203.	0.	0.	6203.	2118.5	137.	6340.
30	837.	6008.	0.	0.	6008.	2116.2	137.	6145.
31	2452.	5528.	0.	0.	5528.	2114.8	546.	6074.
32	4269.	5236.	0.	0.	5236.	2114.4	971.	6207.
33	6969.	4866.	0.	0.	4866.	2115.3	1588.	6454.
34	15611.	3840.	0.	0.	3840.	2120.6	3559.	7399.
35	23050.	3154.	0.	0.	3154.	2129.6	5136.	8290.
36	31747.	3612.	0.	0.	3612.	2142.2	3742.	7354.
37	28053.	3526.	0.	0.	3526.	2152.8	3306.	6832.
38	24892.	3190.	0.	0.	3190.	2161.0	2933.	6123.
39	17043.	2865.	0.	0.	2865.	2166.4	2009.	4874.
40	19864.	2746.	0.	0.	2746.	2172.9	2131.	4877.
41	18252.	2720.	0.	0.	2720.	2178.8	1957.	4677.
42	20463.	4131.	0.	0.	4131.	2185.0	2197.	6326.
43	22198.	5155.	0.	17043.	22198.	2185.0	2383.	24581.
44	17659.	5466.	0.	12193.	17659.	2185.0	2111.	19770.
45	17664.	5586.	0.	12078.	17664.	2185.0	2107.	19771.
46	17568.	5759.	0.	11809.	17568.	2185.0	2095.	19663.
47	16111.	5988.	0.	10123.	16111.	2185.0	1920.	18031.
48	17804.	6318.	0.	11486.	17804.	2185.0	2149.	19953.
49	14143.	6620.	0.	7523.	14143.	2185.0	3094.	17237.
50	15435.	7052.	0.	8383.	15435.	2185.0	3378.	18813.
51	15008.	7288.	0.	7720.	15008.	2185.0	3284.	18292.
52	14415.	7353.	0.	7062.	14415.	2185.0	3152.	17567.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	7628.	7221.	0.	407.	7628.	2185.0	1775.	9403.
2	6544.	6544.	0.	0.	6544.	2185.0	1523.	8067.
3	5337.	6166.	0.	0.	6166.	2184.7	1242.	7408.
4	5503.	6455.	0.	0.	6455.	2184.3	1281.	7736.
5	3997.	6916.	0.	0.	6916.	2183.2	888.	7804.
6	3287.	7291.	0.	0.	7291.	2181.7	734.	8025.
7	2815.	7633.	0.	0.	7633.	2179.9	628.	8261.
8	2314.	7980.	0.	0.	7980.	2177.7	517.	8497.
9	2637.	8231.	0.	0.	8231.	2175.6	584.	8815.
10	2991.	8470.	0.	0.	8470.	2173.5	877.	9347.
11	2551.	8709.	0.	0.	8709.	2171.2	749.	9458.
12	1902.	8532.	0.	0.	8532.	2168.6	558.	9090.
13	1544.	8107.	0.	0.	8107.	2166.2	454.	8561.
14	1339.	7894.	0.	0.	7894.	2163.9	389.	8283.
15	1614.	7893.	0.	0.	7893.	2161.5	339.	8232.
16	1408.	7883.	0.	0.	7883.	2159.0	295.	8178.
17	1332.	7861.	0.	0.	7861.	2156.5	279.	8140.
18	1101.	7849.	0.	0.	7849.	2154.0	230.	8079.
19	1152.	7877.	0.	0.	7877.	2151.4	181.	8058.
20	1038.	7835.	0.	0.	7835.	2148.6	163.	7998.
21	959.	7792.	0.	0.	7792.	2145.5	150.	7942.
22	959.	7683.	0.	0.	7683.	2142.5	152.	7835.
23	1024.	7319.	0.	0.	7319.	2139.7	114.	7433.
24	1000.	7071.	0.	0.	7071.	2137.0	110.	7181.
25	939.	6823.	0.	0.	6823.	2134.3	103.	6926.
26	939.	6678.	0.	0.	6678.	2131.7	103.	6781.
27	950.	6580.	0.	0.	6580.	2129.2	121.	6701.
28	1063.	6378.	0.	0.	6378.	2126.8	135.	6513.
29	1153.	6175.	0.	0.	6175.	2124.5	146.	6321.
30	1398.	5966.	0.	0.	5966.	2122.5	177.	6143.
31	3001.	5504.	0.	0.	5504.	2121.4	550.	6054.
32	5917.	5135.	0.	0.	5135.	2121.7	1133.	6268.
33	8267.	4845.	0.	0.	4845.	2123.3	1582.	6427.
34	15742.	4081.	0.	0.	4081.	2128.5	3010.	7091.
35	16842.	3945.	0.	0.	3945.	2134.3	3161.	7106.
36	24642.	3080.	0.	0.	3080.	2144.0	2474.	5554.
37	24642.	3006.	0.	0.	3006.	2153.2	2474.	5480.
38	21247.	2940.	0.	0.	2940.	2160.1	2134.	5074.
39	19363.	2866.	0.	0.	2866.	2166.4	1941.	4807.
40	18442.	3085.	0.	0.	3085.	2172.2	1806.	4891.
41	18442.	3084.	0.	0.	3084.	2178.0	1806.	4890.
42	18442.	3087.	0.	0.	3087.	2183.9	1806.	4893.
43	18082.	9012.	0.	6100.	15112.	2185.0	1769.	16881.
44	32829.	5462.	0.	24000.	29462.	2186.3	3998.	33460.
45	23946.	6703.	0.	20610.	27313.	2185.0	3051.	30364.
46	17783.	6911.	0.	10872.	17783.	2185.0	2265.	20048.
47	14415.	7186.	0.	7229.	14415.	2185.0	1836.	16251.
48	9969.	7582.	0.	2387.	9969.	2185.0	1270.	11239.
49	6605.	6605.	0.	0.	6605.	2185.0	1132.	7737.
50	6605.	6605.	0.	0.	6605.	2185.0	1132.	7737.
51	5128.	5271.	0.	0.	5271.	2184.9	880.	6151.
52	5129.	5371.	0.	0.	5371.	2184.8	878.	6249.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	5672.	0.	0.	5672.	2184.4	936.	6608.
2	4050.	6034.	0.	0.	6034.	2183.7	823.	6857.
3	3875.	6362.	0.	0.	6362.	2182.7	787.	7149.
4	2689.	6784.	0.	0.	6784.	2181.2	547.	7331.
5	2392.	7143.	0.	0.	7143.	2179.4	378.	7521.
6	2068.	7475.	0.	0.	7475.	2177.3	320.	7795.
7	1760.	7791.	0.	0.	7791.	2175.0	275.	8066.
8	1352.	8122.	0.	0.	8122.	2172.5	211.	8333.
9	1215.	8420.	0.	0.	8420.	2169.7	190.	8610.
10	797.	8806.	0.	0.	8806.	2166.7	188.	8994.
11	879.	8982.	0.	0.	8982.	2163.6	207.	9189.
12	1375.	8682.	0.	0.	8682.	2160.8	324.	9006.
13	1375.	8207.	0.	0.	8207.	2158.2	324.	8531.
14	1150.	7997.	0.	0.	7997.	2155.6	253.	8250.
15	1109.	7979.	0.	0.	7979.	2153.0	242.	8221.
16	1056.	7954.	0.	0.	7954.	2150.4	232.	8186.
17	1035.	7928.	0.	0.	7928.	2147.4	227.	8155.
18	1051.	7897.	0.	0.	7897.	2144.3	225.	8122.
19	1027.	7892.	0.	0.	7892.	2141.2	251.	8143.
20	984.	7848.	0.	0.	7848.	2138.1	242.	8090.
21	879.	7811.	0.	0.	7811.	2135.0	217.	8028.
22	797.	7711.	0.	0.	7711.	2131.9	200.	7911.
23	683.	7336.	0.	0.	7336.	2128.9	182.	7518.
24	683.	7085.	0.	0.	7085.	2126.0	182.	7267.
25	683.	6832.	0.	0.	6832.	2123.3	182.	7014.
26	683.	6687.	0.	0.	6687.	2120.6	182.	6869.
27	666.	6605.	0.	0.	6605.	2117.9	165.	6770.
28	666.	6409.	0.	0.	6409.	2115.3	165.	6574.
29	952.	6178.	0.	0.	6178.	2113.0	235.	6413.
30	999.	5977.	0.	0.	5977.	2110.7	247.	6224.
31	1801.	5490.	0.	0.	5490.	2109.1	670.	6160.
32	2951.	5200.	0.	0.	5200.	2108.0	1092.	6292.
33	12604.	3403.	0.	0.	3403.	2112.2	4657.	8060.
34	17856.	3217.	0.	0.	3217.	2118.8	6599.	9816.
35	14298.	3167.	0.	0.	3167.	2123.8	5354.	8521.
36	20496.	3814.	0.	0.	3814.	2131.3	3364.	7178.
37	15311.	3483.	0.	0.	3483.	2136.6	2511.	5994.
38	18247.	3624.	0.	0.	3624.	2143.2	2992.	6616.
39	20418.	3618.	0.	0.	3618.	2150.6	3351.	6969.
40	21688.	2901.	0.	0.	2901.	2157.7	2957.	5858.
41	20819.	2809.	0.	0.	2809.	2164.6	2840.	5649.
42	22556.	2904.	0.	0.	2904.	2172.1	3076.	5980.
43	17816.	2715.	0.	0.	2715.	2177.8	2429.	5144.
44	18373.	3411.	0.	0.	3411.	2183.5	3570.	698..
45	14392.	5586.	0.	4794.	10380.	2185.0	2796.	13175.
46	18474.	5759.	0.	12715.	18474.	2185.0	3590.	22064.
47	34121.	5983.	0.	24000.	29983.	2186.6	6635.	36618.
48	33290.	7572.	0.	24000.	31572.	2187.2	6473.	38045.
49	20953.	7944.	0.	18865.	26809.	2185.0	4882.	31691.
50	10824.	8462.	0.	2362.	10824.	2185.0	2525.	13349.
51	8131.	8131.	0.	0.	8131.	2185.0	1895.	10026.
52	7669.	7669.	0.	0.	7669.	2185.0	1790.	9459.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	8534.	0.	0.	8534.	2185.0	1473.	10007.
2	5896.	5940.	0.	0.	5940.	2185.0	1017.	6957.
3	3243.	6465.	0.	0.	6465.	2183.8	560.	7025.
4	4051.	6708.	0.	0.	6708.	2182.8	700.	7408.
5	2692.	7079.	0.	0.	7079.	2181.1	500.	7579.
6	2292.	7419.	0.	0.	7419.	2179.1	424.	7843.
7	2194.	7723.	0.	0.	7723.	2177.0	405.	8128.
8	2064.	8031.	0.	0.	8031.	2174.8	380.	8411.
9	1962.	8327.	0.	0.	8327.	2172.4	360.	8687.
10	1656.	8719.	0.	0.	8719.	2169.7	339.	9058.
11	1656.	8902.	0.	0.	8902.	2166.9	339.	9241.
12	1656.	8638.	0.	0.	8638.	2164.3	339.	8977.
13	1656.	8182.	0.	0.	8182.	2161.8	339.	8521.
14	1541.	7950.	0.	0.	7950.	2159.3	316.	8266.
15	1523.	7928.	0.	0.	7928.	2156.9	312.	8240.
16	1360.	7914.	0.	0.	7914.	2154.4	277.	8191.
17	1295.	7890.	0.	0.	7890.	2151.9	264.	8154.
18	1227.	7864.	0.	0.	7864.	2149.3	247.	8111.
19	1175.	7890.	0.	0.	7890.	2146.3	203.	8093.
20	1152.	7844.	0.	0.	7844.	2143.3	199.	8043.
21	1097.	7799.	0.	0.	7799.	2140.2	189.	7988.
22	1062.	7693.	0.	0.	7693.	2137.3	185.	7878.
23	1041.	7319.	0.	0.	7319.	2134.4	164.	7483.
24	996.	7072.	0.	0.	7072.	2131.7	156.	7228.
25	882.	6829.	0.	0.	6829.	2129.0	137.	6966.
26	882.	6684.	0.	0.	6684.	2126.4	137.	6821.
27	694.	6614.	0.	0.	6614.	2123.8	96.	6710.
28	694.	6419.	0.	0.	6419.	2121.2	96.	6515.
29	910.	6207.	0.	0.	6207.	2118.8	125.	6332.
30	945.	6009.	0.	0.	6009.	2116.5	132.	6141.
31	4703.	5479.	0.	0.	5479.	2116.2	642.	6121.
32	6668.	5265.	0.	0.	5265.	2116.8	898.	6163.
33	12886.	4786.	0.	0.	4786.	2120.5	1731.	6517.
34	20055.	4237.	0.	0.	4237.	2127.6	2695.	6932.
35	20716.	4114.	0.	0.	4114.	2135.0	2808.	6922.
36	11838.	3279.	0.	0.	3279.	2138.9	1290.	4569.
37	12275.	3237.	0.	0.	3237.	2142.9	1335.	4572.
38	12710.	3201.	0.	0.	3201.	2147.2	1383.	4584.
39	13971.	3187.	0.	0.	3187.	2151.8	1520.	4707.
40	19936.	2787.	0.	0.	2787.	2158.3	2220.	5007.
41	14780.	2760.	0.	0.	2760.	2162.8	1646.	4406.
42	17003.	2735.	0.	0.	2735.	2168.3	1895.	4630.
43	23312.	3502.	0.	0.	3502.	2175.8	2599.	6101.
44	26487.	3802.	0.	0.	3802.	2184.4	3567.	7369.
45	20467.	9405.	0.	9470.	18874.	2185.0	2937.	21811.
46	18086.	5759.	0.	12327.	18086.	2185.0	2595.	20681.
47	17477.	5988.	0.	11489.	17477.	2185.0	2507.	19984.
48	16811.	6318.	0.	10493.	16811.	2185.0	2415.	19226.
49	14281.	6620.	0.	7661.	14281.	2185.0	2542.	16823.
50	22570.	7052.	0.	15518.	22570.	2185.0	4016.	26586.
51	15996.	7288.	0.	8708.	15996.	2185.0	2848.	18844.
52	11980.	7353.	0.	4627.	11980.	2185.0	2132.	14112.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1961 1	9778.	7221.	0.	2557.	9778.	2185.0	1813.	11591.
2	7102.	7102.	0.	0.	7102.	2185.0	1316.	8418.
3	5050.	6310.	0.	0.	6310.	2184.5	936.	7246.
4	3678.	6738.	0.	0.	6738.	2183.4	682.	7420.
5	2753.	7094.	0.	0.	7094.	2181.7	516.	7610.
6	2516.	7422.	0.	0.	7422.	2179.8	465.	7887.
7	2319.	7733.	0.	0.	7733.	2177.8	430.	8163.
8	2058.	8051.	0.	0.	8051.	2175.5	381.	8432.
9	2118.	8332.	0.	0.	8332.	2173.2	390.	8722.
10	2126.	8657.	0.	0.	8657.	2170.7	508.	9165.
11	2085.	8842.	0.	0.	8842.	2168.1	498.	9340.
12	1833.	8604.	0.	0.	8604.	2165.5	438.	9042.
13	1833.	8129.	0.	0.	8129.	2163.1	438.	8567.
14	1776.	7887.	0.	0.	7887.	2160.8	435.	8322.
15	1773.	7865.	0.	0.	7865.	2158.5	430.	8295.
16	1825.	7827.	0.	0.	7827.	2156.2	443.	8270.
17	1846.	7794.	0.	0.	7794.	2154.0	448.	8242.
18	1601.	7787.	0.	0.	7787.	2151.6	387.	8174.
19	1317.	7838.	0.	0.	7838.	2149.0	287.	8125.
20	1297.	7791.	0.	0.	7791.	2146.1	281.	8072.
21	1246.	7747.	0.	0.	7747.	2143.1	270.	8017.
22	1181.	7641.	0.	0.	7641.	2140.2	265.	7906.
23	1097.	7263.	0.	0.	7263.	2137.5	255.	7518.
24	1222.	6998.	0.	0.	6998.	2134.9	283.	7281.
25	1535.	6711.	0.	0.	6711.	2132.5	356.	7067.
26	1535.	6564.	0.	0.	6564.	2130.3	356.	6920.
27	1617.	6462.	0.	0.	6462.	2128.1	379.	6841.
28	1617.	6265.	0.	0.	6265.	2126.0	379.	6644.
29	1783.	6048.	0.	0.	6048.	2124.1	418.	6466.
30	1811.	5849.	0.	0.	5849.	2122.3	424.	6273.
31	5580.	5287.	0.	0.	5287.	2122.4	1001.	6288.
32	10306.	4811.	0.	0.	4811.	2124.9	1795.	6606.
33	17834.	4099.	0.	0.	4099.	2131.0	3106.	7205.
34	16989.	4084.	0.	0.	4084.	2136.9	2958.	7042.
35	15795.	4080.	0.	0.	4080.	2142.1	2833.	6913.
36	14578.	3601.	0.	0.	3601.	2147.1	2747.	6348.
37	23810.	3633.	0.	0.	3633.	2155.2	4488.	8121.
38	29749.	2932.	0.	0.	2932.	2165.4	5608.	8540.
39	24996.	2850.	0.	0.	2850.	2173.8	4712.	7562.
40	18341.	2758.	0.	0.	2758.	2179.7	2958.	5716.
41	19253.	5016.	0.	282.	5298.	2185.0	3104.	8402.
42	19937.	5065.	0.	14872.	19937.	2185.0	3213.	25150.
43	20655.	5155.	0.	15500.	20655.	2185.0	3329.	25984.
44	22581.	5466.	0.	17115.	22581.	2185.0	2011.	26592.
45	23083.	5586.	0.	17497.	23083.	2185.0	1978.	27061.
46	19710.	5759.	0.	13951.	19710.	2185.0	1689.	23399.
47	18708.	5988.	0.	12720.	18708.	2185.0	1602.	22310.
48	13842.	6318.	0.	7524.	13842.	2185.0	1211.	17053.
49	9309.	6620.	0.	2689.	9309.	2185.0	1953.	13262.
50	10560.	7052.	0.	3508.	10560.	2185.0	2218.	14778.
51	10059.	7288.	0.	2771.	10059.	2185.0	2110.	14269.
52	10131.	7353.	0.	2778.	10131.	2185.0	2125.	14256.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1962 1	8304.	7221.	0.	1083.	8304.	2185.0	1497.	9801.
2	3663.	6132.	0.	0.	6132.	2184.1	661.	6793.
3	3663.	6443.	0.	0.	6443.	2183.0	661.	7104.
4	3663.	6752.	0.	0.	6752.	2181.8	661.	7413.
5	2910.	7170.	0.	0.	7170.	2180.2	364.	7534.
6	2187.	7518.	0.	0.	7518.	2178.2	271.	7789.
7	2187.	7813.	0.	0.	7813.	2176.1	271.	8084.
8	2187.	8110.	0.	0.	8110.	2173.8	271.	8381.
9	2067.	8404.	0.	0.	8404.	2171.4	254.	8658.
10	1742.	8803.	0.	0.	8803.	2168.7	218.	9021.
11	1742.	8985.	0.	0.	8985.	2166.0	218.	9203.
12	1742.	8719.	0.	0.	8719.	2163.3	218.	8937.
13	1742.	8244.	0.	0.	8244.	2160.8	218.	8462.
14	1645.	8013.	0.	0.	8013.	2158.4	192.	8205.
15	1626.	7990.	0.	0.	7990.	2156.0	189.	8179.
16	1626.	7960.	0.	0.	7960.	2153.6	189.	8149.
17	1626.	7929.	0.	0.	7929.	2151.2	189.	8118.
18	1462.	7903.	0.	0.	7903.	2148.5	172.	8075.
19	1237.	7917.	0.	0.	7917.	2145.5	155.	8072.
20	1237.	7868.	0.	0.	7868.	2142.5	155.	8023.
21	1237.	7819.	0.	0.	7819.	2139.6	155.	7974.
22	1207.	7712.	0.	0.	7712.	2136.7	152.	7864.
23	1174.	7333.	0.	0.	7333.	2133.9	142.	7475.
24	1174.	7081.	0.	0.	7081.	2131.2	142.	7223.
25	1174.	6829.	0.	0.	6829.	2128.7	142.	6971.
26	1174.	6683.	0.	0.	6683.	2126.2	142.	6825.
27	1335.	6588.	0.	0.	6588.	2123.8	151.	6739.
28	1335.	6391.	0.	0.	6391.	2121.6	151.	6542.
29	1335.	6193.	0.	0.	6193.	2119.4	151.	6344.
30	1335.	5997.	0.	0.	5997.	2117.3	151.	6148.
31	3165.	5678.	0.	0.	5678.	2116.2	226.	5904.
32	3896.	5566.	0.	0.	5566.	2115.4	277.	5843.
33	10571.	5262.	0.	0.	5262.	2117.8	754.	6016.
34	15580.	5009.	0.	0.	5009.	2122.6	1110.	6119.
35	25042.	4617.	0.	0.	4617.	2131.7	1780.	6397.
36	25502.	3419.	0.	0.	3419.	2141.7	3374.	6793.
37	49464.	3000.	0.	0.	3000.	2160.6	6546.	9546.
38	42296.	2908.	0.	0.	2908.	2175.6	5595.	8503.
39	29941.	5137.	0.	0.	5137.	2185.0	3961.	9098.
40	24659.	4990.	0.	19669.	24659.	2185.0	1504.	26163.
41	24076.	5016.	0.	19060.	24076.	2185.0	1467.	25543.
42	20979.	5065.	0.	15914.	20979.	2185.0	1279.	22258.
43	24659.	5155.	0.	19504.	24659.	2185.0	1504.	26163.
44	22051.	5466.	0.	16585.	22051.	2185.0	2563.	24614.
45	19487.	5586.	0.	13901.	19487.	2185.0	2312.	21799.
46	19487.	5759.	0.	13728.	19487.	2185.0	2312.	21799.
47	19487.	5988.	0.	13499.	19487.	2185.0	2312.	21799.
48	19844.	6318.	0.	13526.	19844.	2185.0	2365.	22209.
49	18961.	6620.	0.	12341.	18961.	2185.0	3047.	22008.
50	11972.	7052.	0.	4920.	11972.	2185.0	1927.	13899.
51	9699.	7288.	0.	2411.	9699.	2185.0	1558.	11257.
52	9763.	7353.	0.	2410.	9763.	2185.0	1569.	11332.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1963 1	7677.	7221.	0.	456.	7677.	2185.0	1060.	8737.
2	5846.	6062.	0.	0.	6062.	2184.9	807.	6869.
3	5094.	6420.	0.	0.	6420.	2184.4	703.	7123.
4	4603.	6760.	0.	0.	6760.	2183.6	635.	7395.
5	3273.	7219.	0.	0.	7219.	2182.1	249.	7468.
6	2427.	7555.	0.	0.	7555.	2180.1	180.	7735.
7	2427.	7849.	0.	0.	7849.	2178.1	180.	8029.
8	2427.	8145.	0.	0.	8145.	2175.9	180.	8325.
9	2243.	8434.	0.	0.	8434.	2173.6	167.	8601.
10	1684.	8805.	0.	0.	8805.	2170.9	188.	8993.
11	1684.	8988.	0.	0.	8988.	2168.1	188.	9176.
12	1684.	8722.	0.	0.	8722.	2165.4	188.	8910.
13	1684.	8248.	0.	0.	8248.	2162.9	188.	8436.
14	1346.	8002.	0.	0.	8002.	2160.4	194.	8196.
15	1303.	7982.	0.	0.	7982.	2157.9	187.	8169.
16	1303.	7952.	0.	0.	7952.	2155.3	187.	8139.
17	1303.	7922.	0.	0.	7922.	2152.8	187.	8109.
18	1284.	7890.	0.	0.	7890.	2150.3	181.	8071.
19	1203.	7882.	0.	0.	7882.	2147.4	211.	8093.
20	1203.	7833.	0.	0.	7833.	2144.4	211.	8044
21	1203.	7784.	0.	0.	7784.	2141.4	211.	7995.
22	1015.	7693.	0.	0.	7693.	2138.4	173.	7866.
23	870.	7363.	0.	0.	7363.	2135.5	63.	7426.
24	870.	7112.	0.	0.	7112.	2132.7	63.	7175.
25	870.	6861.	0.	0.	6861.	2130.0	63.	6924.
26	870.	6715.	0.	0.	6715.	2127.4	63.	6778.
27	680.	6650.	0.	0.	6650.	2124.7	13.	6663.
28	680.	6455.	0.	0.	6455.	2122.1	13.	6468.
29	680.	6258.	0.	0.	6258.	2119.6	13.	6271.
30	680.	6064.	0.	0.	6064.	2117.1	13.	6077.
31	2138.	5633.	0.	0.	5633.	2115.6	322.	5955.
32	2871.	5486.	0.	0.	5486.	2114.4	449.	5935.
33	16185.	4407.	0.	0.	4407.	2119.7	2529.	6936.
34	26173.	3568.	0.	0.	3568.	2129.9	4088.	7656.
35	29395.	3219.	0.	0.	3219.	2141.6	4660.	7879.
36	20039.	3778.	0.	0.	3778.	2148.9	3344.	7122.
37	20039.	3692.	0.	0.	3692.	2155.3	3344.	7036.
38	20039.	3607.	0.	0.	3607.	2161.6	3344.	6951.
39	20039.	3495.	0.	0.	3495.	2167.8	3344.	6839.
40	25591.	3231.	0.	0.	3231.	2176.3	3317.	6548.
41	33081.	5016.	0.	5276.	10292.	2185.0	4287.	14579.
42	31343.	5062.	0.	24000.	29062.	2185.9	4064.	33126.
43	26765.	5155.	0.	23891.	29046.	2185.0	3469.	32515.
44	24772.	5466.	0.	19306.	24772.	2185.0	2100.	26872.
45	22882.	5586.	0.	17296.	22882.	2185.0	1847.	24729.
46	19853.	5759.	0.	14094.	19853.	2185.0	1602.	21455.
47	20996.	5988.	0.	15008.	20996.	2185.0	1695.	22691.
48	17689.	6318.	0.	11371.	17689.	2185.0	1433.	19122.
49	13124.	6620.	0.	6504.	13124.	2185.0	1194.	14318.
50	11736.	7052.	0.	4684.	11736.	2185.0	1068.	12804.
51	9384.	7288.	0.	2096.	9384.	2185.0	855.	10239.
52	8325.	7353.	0.	972.	8325.	2185.0	758.	9083.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	7204.	0.	0.	7204.	2185.0	1123.	8327.
2	6067.	6067.	0.	0.	6067.	2185.0	944.	7011.
3	4963.	6386.	0.	0.	6386.	2184.5	774.	7160.
4	3760.	6783.	0.	0.	6783.	2183.3	587.	7370.
5	2277.	7158.	0.	0.	7158.	2181.5	381.	7539.
6	2037.	7484.	0.	0.	7484.	2179.4	337.	7821.
7	1803.	7797.	0.	0.	7797.	2177.1	297.	8094.
8	1489.	8117.	0.	0.	8117.	2174.6	247.	8364.
9	1454.	8409.	0.	0.	8409.	2172.0	236.	8645.
10	1358.	8800.	0.	0.	8800.	2169.1	218.	9018.
11	1311.	8986.	0.	0.	8986.	2166.2	212.	9198.
12	1038.	8742.	0.	0.	8742.	2163.3	167.	8909.
13	1038.	8269.	0.	0.	8269.	2160.5	167.	8436.
14	913.	8043.	0.	0.	8043.	2157.8	134.	8177.
15	888.	8021.	0.	0.	8021.	2155.1	132.	8153.
16	830.	7995.	0.	0.	7995.	2152.4	124.	8119.
17	807.	7969.	0.	0.	7969.	2149.6	119.	8088.
18	816.	7938.	0.	0.	7938.	2146.4	118.	8056.
19	818.	7942.	0.	0.	7942.	2143.2	124.	8066.
20	802.	7896.	0.	0.	7896.	2140.0	120.	8016.
21	760.	7850.	0.	0.	7850.	2136.8	116.	7966.
22	696.	7747.	0.	0.	7747.	2133.7	106.	7853.
23	612.	7369.	0.	0.	7369.	2130.6	95.	7464.
24	588.	7121.	0.	0.	7121.	2127.7	91.	7212.
25	524.	6873.	0.	0.	6873.	2124.8	82.	6955.
26	524.	6728.	0.	0.	6728.	2122.0	82.	6810.
27	588.	6637.	0.	0.	6637.	2119.3	86.	6723.
28	588.	6442.	0.	0.	6442.	2116.7	86.	6528.
29	637.	6241.	0.	0.	6241.	2114.2	93.	6334.
30	646.	6046.	0.	0.	6046.	2111.7	94.	6140.
31	524.	5779.	0.	0.	5779.	2109.4	66.	5845.
32	521.	5689.	0.	0.	5689.	2107.0	83.	5772.
33	699.	5613.	0.	0.	5613.	2104.8	110.	5723.
34	1548.	5486.	0.	0.	5486.	2103.1	242.	5728.
35	17791.	4461.	0.	0.	4461.	2109.1	2238.	6699.
36.	66753.	3134.	0.	0.	3134.	2137.7	7730.	10864.
37	45845.	3014.	0.	0.	3014.	2155.9	5308.	8322.
38	38257.	2925.	0.	0.	2925.	2169.3	4430.	7355.
39	27669.	2836.	0.	0.	2836.	2178.7	3203.	6039.
40	22261.	5709.	0.	0.	5709.	2185.0	2009.	7718.
41	22938.	5016.	0.	17922.	22938.	2185.0	2071.	25009.
42	21646.	5065.	0.	16581.	21646.	2185.0	1955.	23601.
43	14854.	5155.	0.	9699.	14854.	2185.0	1340.	16194.
44	16893.	5466.	0.	11427.	16893.	2185.0	1836.	18729.
45	15985.	5586.	0.	10399.	15985.	2185.0	1751.	17736.
46	12889.	5759.	0.	7130.	12889.	2185.0	1411.	14300.
47	13741.	5988.	0.	7753.	13741.	2185.0	1506.	15247.
48	11603.	6318.	0.	5285.	11603.	2185.0	1277.	12880.
49	8901.	6620.	0.	2281.	8901.	2185.0	1588.	10489.
50	7255.	7052.	0.	203.	7255.	2185.0	1293.	8548.
51	7294.	7288.	0.	6.	7294.	2185.0	1301.	8595.
52	6247.	6247.	0.	0.	6247.	2185.0	1114.	7361.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	5814.	5814.	0.	0.	5814.	2185.0	1230.	7044.
2	6506.	6506.	0.	0.	6506.	2185.0	1377.	7883.
3	4258.	6327.	0.	0.	6327.	2184.2	901.	7228.
4	3387.	6723.	0.	0.	6723.	2182.9	717.	7440.
5	2593.	7187.	0.	0.	7187.	2181.2	321.	7508.
6	2408.	7511.	0.	0.	7511.	2179.3	279.	7790.
7	2383.	7807.	0.	0.	7807.	2177.2	276.	8083.
8	2656.	8088.	0.	0.	8088.	2175.1	307.	8395.
9	1708.	8424.	0.	0.	8424.	2172.6	198.	8622.
10	1175.	8854.	0.	0.	8854.	2169.7	96.	8950.
11	1047.	9043.	0.	0.	9043.	2166.6	86.	9129.
12	952.	8782.	0.	0.	8782.	2163.7	78.	8860.
13	952.	8309.	0.	0.	8309.	2160.9	78.	8387.
14	880.	8075.	0.	0.	8075.	2158.1	63.	8138.
15	866.	8052.	0.	0.	8052.	2155.4	62.	8114.
16	866.	8023.	0.	0.	8023.	2152.7	62.	8085.
17	866.	7995.	0.	0.	7995.	2150.0	62.	8057.
18	821.	7964.	0.	0.	7964.	2146.8	59.	8023.
19	764.	7973.	0.	0.	7973.	2143.5	56.	8029.
20	764.	7925.	0.	0.	7925.	2140.3	56.	7981.
21	764.	7878.	0.	0.	7878.	2137.1	56.	7934.
22	785.	7770.	0.	0.	7770.	2134.0	56.	7826.
23	809.	7384.	0.	0.	7384.	2131.0	61.	7445.
24	809.	7133.	0.	0.	7133.	2128.2	61.	7194.
25	809.	6881.	0.	0.	6881.	2125.4	61.	6942.
26	809.	6736.	0.	0.	6736.	2122.8	61.	6797.
27	1050.	6644.	0.	0.	6644.	2120.2	65.	6709.
28	1050.	6447.	0.	0.	6447.	2117.8	65.	6512.
29	1324.	6241.	0.	0.	6241.	2115.6	82.	6323.
30	1370.	6044.	0.	0.	6044.	2113.5	84.	6128.
31	1702.	5707.	0.	0.	5707.	2111.7	197.	5904.
32	4582.	5451.	0.	0.	5451.	2111.3	548.	5999.
33	7973.	5183.	0.	0.	5183.	2112.6	952.	6135.
34	14365.	4733.	0.	0.	4733.	2116.9	1719.	6452.
35	28598.	3872.	0.	0.	3872.	2128.0	3363.	7235.
36	18020.	3482.	0.	0.	3482.	2134.6	2494.	5976.
37	19249.	3441.	0.	0.	3441.	2141.7	2667.	6108.
38	18396.	3249.	0.	0.	3249.	2148.5	2546.	5795.
39	27076.	3664.	0.	0.	3664.	2157.6	3750.	7414.
40	25264.	3043.	0.	0.	3043.	2166.0	3194.	6237.
41	25478.	3012.	0.	0.	3012.	2174.6	3220.	6232.
42	23730.	2868.	0.	0.	2868.	2182.5	3000.	5868.
43	20581.	5155.	0.	8860.	14015.	2185.0	2600.	16615.
44	18313.	5466.	0.	12847.	18313.	2185.0	2559.	20872.
45	16343.	5586.	0.	10757.	16343.	2185.0	2243.	18586.
46	25247.	5759.	0.	19488.	25247.	2185.0	3464.	28711.
47	16925.	5988.	0.	10937.	16925.	2185.0	2322.	19247.
48	9394.	6318.	0.	3076.	9394.	2185.0	1299.	10693.
49	14093.	6620.	0.	7473.	14093.	2185.0	1740.	15833.
50	17314.	7052.	0.	10262.	17314.	2185.0	2138.	19452.
51	15844.	7288.	0.	8556.	15844.	2185.0	1957.	17801.
52	18328.	7353.	0.	10975.	18328.	2185.0	2263.	20591.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	7221.	0.	3727.	10948.	2185.0	2686.	13634.
2	6087.	6087.	0.	0.	6087.	2185.0	1492.	7579.
3	2852.	6423.	0.	0.	6423.	2183.6	698.	7121.
4	2359.	6790.	0.	0.	6790.	2182.0	578.	7368.
5	2043.	7127.	0.	0.	7127.	2180.0	457.	7584.
6	1676.	7475.	0.	0.	7475.	2177.8	366.	7841.
7	1481.	7790.	0.	0.	7790.	2175.4	323.	8113.
8	1412.	8095.	0.	0.	8095.	2172.9	309.	8404.
9	1361.	8390.	0.	0.	8390.	2170.2	295.	8685.
10	1265.	8776.	0.	0.	8776.	2167.4	289.	9065.
11	1223.	8963.	0.	0.	8963.	2164.4	280.	9243.
12	1174.	8704.	0.	0.	8704.	2161.6	268.	8972.
13	1129.	8234.	0.	0.	8234.	2158.9	259.	8493.
14	1075.	8008.	0.	0.	8008.	2156.2	223.	8231.
15	1062.	7987.	0.	0.	7987.	2153.6	219.	8206.
16	1062.	7957.	0.	0.	7957.	2151.0	219.	8176.
17	1062.	7929.	0.	0.	7929.	2148.1	219.	8148.
18	1025.	7900.	0.	0.	7900.	2145.0	213.	8113.
19	980.	7913.	0.	0.	7913.	2141.9	200.	8113.
20	980.	7865.	0.	0.	7865.	2138.8	200.	8065.
21	980.	7816.	0.	0.	7816.	2135.7	200.	8016.
22	983.	7707.	0.	0.	7707.	2132.7	201.	7908.
23	985.	7322.	0.	0.	7322.	2129.8	202.	7524.
24	985.	7071.	0.	0.	7071.	2127.1	202.	7273.
25	985.	6818.	0.	0.	6818.	2124.5	202.	7020.
26	985.	6672.	0.	0.	6672.	2121.9	202.	6874.
27	1091.	6570.	0.	0.	6570.	2119.4	226.	6796.
28	1091.	6373.	0.	0.	6373.	2117.1	226.	6599.
29	1432.	6139.	0.	0.	6139.	2114.9	299.	6438.
30	1490.	5937.	0.	0.	5937.	2112.9	310.	6247.
31	2210.	5561.	0.	0.	5561.	2111.4	504.	6065.
32	2873.	5396.	0.	0.	5396.	2110.3	667.	6063.
33	5322.	5052.	0.	0.	5052.	2110.4	1235.	6287.
34	10202.	4431.	0.	0.	4431.	2113.0	2367.	6798.
35	16017.	3734.	0.	0.	3734.	2118.5	3686.	7420.
36	37660.	3123.	0.	0.	3123.	2134.1	6451.	9574.
37	26954.	3117.	0.	0.	3117.	2144.8	4615.	7732.
38	22768.	3365.	0.	0.	3365.	2153.0	3900.	7265.
39	19214.	3264.	0.	0.	3264.	2159.0	3291.	6555.
40	15178.	2769.	0.	0.	2769.	2163.8	2212.	4981.
41	14458.	2745.	0.	0.	2745.	2168.2	2106.	4851.
42	15132.	2721.	0.	0.	2721.	2172.3	2205.	4926.
43	17122.	2714.	0.	0.	2714.	2178.4	2493.	5207.
44	22511.	5105.	0.	0.	5105.	2185.0	3578.	8683.
45	18320.	5586.	0.	12734.	18320.	2185.0	3025.	21345.
46	15064.	5759.	0.	9305.	15064.	2185.0	2488.	17552.
47	18252.	5988.	0.	12264.	18252.	2185.0	3014.	21266.
48	14606.	6318.	0.	8288.	14606.	2185.0	2410.	17016.
49	10023.	6620.	0.	3403.	10023.	2185.0	1779.	11802.
50	9733.	7052.	0.	2681.	9733.	2185.0	1729.	11462.
51	9623.	7288.	0.	2335.	9623.	2185.0	1708.	11331.
52	7019.	7019.	0.	0.	7019.	2185.0	1248.	8267.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CRYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1967 1	5525.	5680.	0.	0.	5680.	2184.9	962.	6642.
2	3705.	6139.	0.	0.	6139.	2184.0	645.	6784.
3	2802.	6525.	0.	0.	6525.	2182.6	486.	7011.
4	1896.	6909.	0.	0.	6909.	2180.7	331.	7240.
5	1290.	7215.	0.	0.	7215.	2178.4	278.	7493.
6	1192.	7533.	0.	0.	7533.	2176.0	254.	7787.
7	1192.	7829.	0.	0.	7829.	2173.5	254.	8083.
8	1192.	8131.	0.	0.	8131.	2170.9	254.	8385.
9	1173.	8422.	0.	0.	8422.	2168.1	249.	8671.
10	1119.	8809.	0.	0.	8809.	2165.2	242.	9051.
11	1119.	8993.	0.	0.	8993.	2162.2	242.	9235.
12	1119.	8728.	0.	0.	8728.	2159.3	242.	8970.
13	1119.	8253.	0.	0.	8253.	2156.6	242.	8495.
14	1105.	8003.	0.	0.	8003.	2154.0	257.	8260.
15	1106.	7980.	0.	0.	7980.	2151.4	257.	8237.
16	1106.	7951.	0.	0.	7951.	2148.6	257.	8208.
17	1106.	7923.	0.	0.	7923.	2145.5	257.	8180.
18	1077.	7896.	0.	0.	7896.	2142.4	248.	8144.
19	1037.	7907.	0.	0.	7907.	2139.3	238.	8145.
20	1037.	7859.	0.	0.	7859.	2136.3	238.	8097.
21	1037.	7810.	0.	0.	7810.	2133.2	238.	8048.
22	965.	7709.	0.	0.	7709.	2130.2	223.	7932.
23	882.	7337.	0.	0.	7337.	2127.3	196.	7533.
24	882.	7085.	0.	0.	7085.	2124.5	196.	7281.
25	882.	6832.	0.	0.	6832.	2121.8	196.	7028.
26	882.	6686.	0.	0.	6686	2119.2	196.	6882.
27	771.	6598.	0.	0.	6598.	2116.6	192.	6790.
28	771.	6401.	0.	0.	6401.	2114.1	192.	6593.
29	790.	6201.	0.	0.	6201.	2111.6	199.	6400.
30	910.	5992.	0.	0.	5992.	2109.3	228.	6220.
31	1409.	5716.	0.	0.	5716.	2107.4	215.	5931.
32	4044.	5441.	0.	0.	5441.	2106.8	605.	6046.
33	14066.	4639.	0.	0.	4639.	2111.0	2103.	6742.
34	19680.	4145.	0.	0.	4145.	2118.0	2944.	7089.
35	23533.	3793.	0.	0.	3793.	2126.9	3528.	7321.
36	22187.	3660.	0.	0.	3660.	2135.2	2731.	6391.
37	29069.	3952.	0.	0.	3952.	2146.5	3579.	7531.
38	24227.	3451.	0.	0.	3451.	2154.9	2982.	6433.
39	23703.	3225.	0.	0.	3225.	2162.7	2917.	6142.
40	17634.	2757.	0.	0.	2757.	2168.4	2442.	5199.
41	17564.	2730.	0.	0.	2730.	2174.0	2431.	5161.
42	24423.	3109.	0.	0.	3109.	2182.1	3382.	6491.
43	28466.	5155.	0.	15686.	20841.	2185.0	3942.	24783.
44	21665.	5466.	0.	16199.	21665.	2185.0	3511.	25176.
45	20177.	5586.	0.	14591.	20177.	2185.0	3228.	23405.
46	44209.	5741.	0.	24000.	29741.	2190.5	7073.	36814.
47	24653.	7174.	0.	24000.	31174.	2188.0	3946.	35120.
48	16555.	7582.	0.	16921.	24502.	2185.0	2674.	27176.
49	23511.	7944.	0.	15567.	23511.	2185.0	3524.	27035.
50	13875.	8462.	0.	5413.	13875.	2185.0	2080.	15955.
51	10087.	8746.	0.	1341.	10087.	2185.0	1510.	11597.
52	7666.	7666.	0.	0.	7666.	2185.0	1147.	8813.

TABLE 28 (Continued)

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

WATER YEAR, WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1968 1	5636.	5737.	0.	0.	5737.	2185.0	794.	6531.
2	4692.	6109.	0.	0.	6109.	2184.4	661.	6770.
3	3669.	6486.	0.	0.	6486.	2183.4	518.	7004.
4	2797.	6854.	0.	0.	6854.	2181.8	394.	7248.
5	2340.	7163.	0.	0.	7163.	2180.0	330.	7493.
6	1987.	7492.	0.	0.	7492.	2177.9	278.	7770.
7	1881.	7794.	0.	0.	7794.	2175.6	264.	8058.
8	1812.	8099.	0.	0.	8099.	2173.3	252.	8351.
9	1780.	8389.	0.	0.	8389.	2170.7	246.	8635.
10	1740.	8780.	0.	0.	8780.	2168.1	229.	9009.
11	1740	8963.	0.	0.	8963.	2165.3	229.	9192.
12	1669.	8703.	0.	0.	8703.	2162.7	219.	8922.
13	1657.	8248.	0.	0.	8248.	2160.2	218.	8466.
14	1633.	7996.	0.	0.	7996.	2157.7	235.	8231.
15	1634.	972.	0.	0.	7972.	2155.3	235.	8207.
16	1634.	7941.	0.	0.	7941.	2152.9	235.	8176.
17	1611.	7913.	0.	0.	7913.	2150.5	231.	8144.
18	1552.	7882.	0.	0.	7882.	2147.8	224.	8106.
19	1561.	7890.	0.	0.	7890.	2144.9	218.	8108.
20	1561.	7841.	0.	0.	7841.	2142.1	218.	8059.
21	1561.	7791.	0.	0.	7791.	2139.3	218.	8009.
22	1561.	7681.	0.	0.	7681.	2136.6	218.	7899.
23	1560.	7296.	0.	0.	7296.	2134.0	219.	7515.
24	1560.	7044.	0.	0.	7044.	2131.5	219.	7263.
25	1560.	6790.	0.	0.	6790.	2129.2	219.	7009.
26	1560.	6643.	0.	0.	6643.	2126.9	219.	6862.
27	1544.	6559.	0.	0.	6559.	2124.6	206.	6765.
28	1485.	6265.	0.	0.	6365.	2122.4	199.	6564.
29	1556.	6162.	0.	0.	6162.	2120.4	208.	6370.
30	1662.	5960.	0.	0.	5960.	2118.4	221.	6181.
31	1787.	5640.	0.	0.	5640.	2116.7	300.	5940.
32	2353.	5508.	0.	0.	5508.	2115.3	395.	5903.
33	10464.	4782.	0.	0.	4782.	2117.8	1753.	6535.
34	27061.	3358.	0.	0.	3358.	2128.5	4536.	7894.
35	21911.	3683.	0.	0.	3683.	2136.7	3703.	7386.
36	21507.	3786.	0.	0.	3786.	2144.7	3114.	6900.
37	29938.	3353.	0.	0.	3353.	2155.6	4336.	7689.
38	30356.	3104.	0.	0.	3104.	2165.9	4397.	7501.
39	22099.	3273.	0.	0.	3273.	2173.1	3201.	6474.
40	24724.	2731.	0.	0.	2731.	2181.4	3099.	5830.
41	22504.	5016.	0.	8128.	13144.	2185.0	2821.	15965.
42	21723.	5065.	0.	16658.	21723.	2185.0	2724.	24447.
43	20991.	5155.	0.	15836.	20991.	2185.0	2632.	23623.
44	18324.	5466.	0.	12858.	18324.	2185.0	2500.	20824.
45	16541.	5586.	0.	10955.	16541.	2185.0	2275.	18816.
46	13759.	5759.	0.	8000.	13759.	2185.0	1894.	15653.
47	12436.	5988.	0.	6448.	12436.	2185.0	1709.	14145.
48	11024.	6318.	0.	4706.	11024.	2185.0	1515.	12539.
49	9099.	6620.	0.	2479.	9099.	2185.0	1354.	10453.
50	9115.	7052.	0.	2063.	9115.	2185.0	1356.	10471.
51	5821.	5821.	0.	0.	5821.	2185.0	866.	6687.
52	4456.	5494.	0.	0.	5494.	2184.5	664.	6158.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	5858.	0.	0.	5858.	2183.9	589.	6447.
2	3593.	6206.	0.	0.	6206.	2182.9	509.	6715.
3	2768.	6573.	0.	0.	6573.	2181.5	392.	6965.
4	2457.	6904.	0.	0.	6904.	2179.8	348.	7252.
5	2109.	7218.	0.	0.	7218.	2177.8	277.	7495.
6	1631.	7554.	0.	0.	7554.	2175.6	213.	7767.
7	1241.	7874.	0.	0.	7874.	2173.1	163.	8037.
8	1087.	8186.	0.	0.	8186.	2170.4	142.	8328.
9	901.	8487.	0.	0.	8487.	2167.5	116.	8603.
10	809.	8886.	0.	0.	8886.	2164.4	87.	8973.
11	767.	9073.	0.	0.	9073.	2161.3	82.	9155.
12	724.	8811.	0.	0.	8811.	2158.2	77.	8888.
13	687.	8339.	0.	0.	8339.	2155.3	74.	8413.
14	658.	8097.	0.	0.	8097.	2152.5	73.	8170.
15	640.	8076.	0.	0.	8076.	2149.6	71.	8147.
16	598.	8052.	0.	0.	8052.	2146.2	65.	8117.
17	598.	8027.	0.	0.	8027.	2142.9	65.	8092.
18	598.	7996.	0.	0.	7996.	2139.5	65.	8061.
19	587.	8001.	0.	0.	8001.	2136.2	73.	8074.
20	599.	7953.	0.	0.	7953.	2132.9	74.	8027.
21	630.	7904.	0.	0.	7904.	2129.6	77.	7981.
22	630.	7796.	0.	0.	7796.	2126.4	77.	7873.
23	655.	7410.	0.	0.	7410.	2123.4	80.	7490.
24	673.	7157.	0.	0.	7157.	2120.5	82.	7239.
25	709.	6902.	0.	0.	6902.	2117.7	87.	6989.
26	732.	6755.	0.	0.	6755.	2115.0	90.	6845.
27	779.	6661.	0.	0.	6661.	2112.3	99.	6760.
28	919.	6457.	0.	0.	6457.	2109.8	117.	6574.
29	1196.	6242.	0.	0.	6242.	2107.6	152.	6394.
30	1696.	6014.	0.	0.	6014.	2105.6	216.	6230.
31	2867.	5669.	0.	0.	5669.	2104.4	341.	6010.
32	5116.	5449.	0.	0.	5449.	2104.2	611.	6060.
33	9727.	5105.	0.	0.	5105.	2106.3	1165.	6270.
34	17064.	4597.	0.	0.	4597.	2111.9	2040.	6637.
35	10209.	4920.	0.	0.	4920.	2114.3	1237.	6157.
36	11525.	3592.	0.	0.	3592.	2117.8	787.	4379.
37	14689.	3616.	0.	0.	3616.	2122.8	1003.	4619.
38	16092.	3572.	0.	0.	3572.	2128.5	1099.	4671.
39	14614.	3377.	0.	0.	3377.	2133.5	996.	4373.
40	13051.	2845.	0.	0.	2845.	2138.1	674.	3519.
41	16518.	2830.	0.	0.	2830.	2144.3	854.	3684.
42	16974.	2876.	0.	0.	2876.	2150.5	874.	3750.
43	14188.	5678.	0.	0.	5678.	2153.7	733.	6411.
44	11668.	6282.	0.	0.	6282.	2155.8	1035.	7317.
45	12201.	5915.	0.	0.	5915.	2158.2	1126.	7041.
46	6318.	6919.	0.	0.	6919.	2157.9	585.	7504.
47	5126.	7125.	0.	0.	7125.	2157.2	472.	7597.
48	4792.	7199.	0.	0.	7199.	2156.3	442.	7641.
49	5256.	6953.	0.	0.	6953.	2155.6	668.	7621.
50	4595.	6084.	0.	0.	6084.	2155.1	584.	6668.
51	3939.	6321.	0.	0.	6321.	2154.1	502.	6823.
52	3308.	6459.	0.	0.	6459.	2152.8	421.	6880.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	3018.	7124.	0.	0.	7124.	2151.2	595.	7719.
2	2841.	7534.	0.	0.	7534.	2149.3	560.	8094.
3	2489.	6302.	0.	0.	6302.	2147.6	490.	6792.
4	1680.	6695.	0.	0.	6695.	2145.4	331.	7026.
5	1432.	7038.	0.	0.	7038.	2142.8	183.	7221.
6	1202.	7423.	0.	0.	7423.	2140.0	147.	7570.
7	950.	7812.	0.	0.	7812.	2137.0	115.	7927.
8	842.	8164.	0.	0.	8164.	2133.7	101.	8265.
9	787.	7649.	0.	0.	7649.	2130.6	96.	7745.
10	735.	8043.	0.	0.	8043.	2127.3	105.	8148.
11	699.	8240.	0.	0.	8240.	2123.9	100.	8340.
12	694.	7999.	0.	0.	7999.	2120.6	99.	8098.
13	694.	7545.	0.	0.	7545.	2117.5	99.	7644.
14	656.	7283.	0.	0.	7283.	2114.6	124.	7407.
15	656.	7274.	0.	0.	7274.	2111.6	125.	7399.
16	628.	7276.	0.	0.	7276.	2108.6	120.	7396.
17	617.	7258.	0.	0.	7258.	2105.6	118.	7376.
18	618.	7238.	0.	0.	7238.	2102.6	117.	7355.
19	628.	7237.	0.	0.	7237.	2099.6	111.	7348.
20	589.	7212.	0.	0.	7212.	2096.1	104.	7316.
21	589.	7171.	0.	0.	7171.	2092.6	104.	7275.
22	589.	7081.	0.	0.	7081.	2089.1	104.	7185.
23	605.	6714.	0.	0.	6714.	2085.8	93.	6807.
24	616.	6460.	0.	0.	6460.	2082.7	95.	6555.
25	645.	6200.	0.	0.	6200.	2079.8	100.	6300.
26	645.	6038.	0.	0.	6038.	2076.9	100.	6138.
27	769.	5910.	0.	0.	5910.	2074.2	42.	5952.
28	846.	5706.	0.	0.	5706.	2071.6	47.	5753.
29	969.	5462.	0.	0.	5462.	2069.2	52.	5514.
30	1176.	5126.	0.	0.	5126.	2067.1	64.	5190.
31	1634.	4743.	0.	0.	4743.	2065.4	199.	4942.
32	3900.	4543.	0.	0.	4543.	2065.1	483.	5026.
33	13817.	4704.	0.	0.	4704.	2069.9	1708.	6412.
34	12474.	4969.	0.	0.	4969.	2073.9	1544.	6513.
35	15221.	4712.	0.	0.	4712.	2079.5	1925.	6637.
36	12989.	4358.	0.	0.	4358.	2084.1	2516.	6874.
37	12531.	4313.	0.	0.	4313.	2088.5	2426.	6739.
38	11864.	4216.	0.	0.	4216.	2092.6	2298.	6514.
39	19977.	3477.	0.	0.	3477.	2101.2	3868.	7345.
40	20089.	3623.	0.	0.	3623.	2108.6	2987.	6610.
41	16855.	3782.	0.	0.	3782.	2114.4	2507.	6289.
42	18059.	3727.	0.	0.	3727.	2120.9	2686.	6413.
43	17267.	3742.	0.	0.	3742.	2127.0	2568.	6310.
44	21606.	3645.	0.	0.	3645.	2135.0	3153.	6798.
45	18880.	3671.	0.	0.	3671.	2141.9	2775.	6446.
46	14586.	3561.	0.	0.	3561.	2146.8	2146.	5707.
47	16486.	3830.	0.	0.	3830.	2152.1	2424.	6254.
48	11350.	3863.	0.	0.	3863.	2155.0	1671.	5534.
49	9396.	4286.	0.	0.	4286.	2156.9	1598.	5884.
50	7477.	5232.	0.	0.	5232.	2157.8	1271.	6503.
51	7616.	6325.	0.	0.	6325.	2158.3	1294.	7619.
52	4244.	6198.	0.	0.	6198.	2157.4	723.	6921.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	CFS)
1971 1	4991.	6176.	0.	0.	6176.	2157.0	1302.	7478.
2	4166.	6021.	0.	0.	6021.	2156.3	1087.	7108.
3	3393.	6432.	0.	0.	6432.	2155.1	886.	7318.
4	2885.	6812.	0.	0.	6812.	2153.6	753.	7565.
5	2923.	7124.	0.	0.	7124.	2152.0	698.	7822.
6	2796.	7458.	0.	0.	7458.	2150.3	653.	8111.
7	2543.	7788.	0.	0.	7788.	2147.9	595.	8383.
8	2249.	8127.	0.	0.	8127.	2145.3	526.	8653.
9	2013.	8447.	0.	0.	8447.	2142.4	473.	8920.
10	1886.	8857.	0.	0.	8857.	2139.3	435.	9292.
11	1761.	9060.	0.	0.	9060.	2136.0	405.	9465.
12	1614.	8809.	0.	0.	8809.	2132.8	372.	9181.
13	1446.	8347.	0.	0.	8347.	2129.8	333.	8680.
14	1328.	8133.	0.	0.	8133.	2126.6	269.	8402.
15	1188.	8125.	0.	0.	8125.	2123.5	241.	8366.
16	1080.	8110.	0.	0.	8110.	2120.3	218.	8328.
17	950.	8097.	0.	0.	8097.	2117.1	190.	8287.
18	880.	8069.	0.	0.	8069.	2113.9	179.	8248.
19	821.	8079.	0.	0.	8079.	2110.6	178.	8257.
20	746.	8041.	0.	0.	8041.	2107.3	162.	8203.
21	746.	7995.	0.	0.	7995.	2104.1	162.	8157.
22	730.	7889.	0.	0.	7889.	2100.8	159.	8048.
23	716.	7506.	0.	0.	7506.	2097.4	149.	7655.
24	716.	7254.	0.	0.	7254.	2093.9	149.	7403.
25	716.	7002.	0.	0.	7002.	2090.5	149.	7151.
26	716.	6858.	0.	0.	6858.	2087.3	149.	7007.
27	717.	6769.	0.	0.	6769.	2084.0	153.	6922.
28	744.	6570.	0.	0.	6570.	2080.9	159.	6729.
29	808.	6365.	0.	0.	6365.	2078.0	172.	6537.
30	904.	6159.	0.	0.	6159.	2075.2	192.	6351.
31	1098.	5861.	0.	0.	5861.	2072.7	214.	6075.
32	1415.	5742.	0.	0.	5742.	2070.3	285.	6027.
33	2087.	5611.	0.	0.	5611.	2068.5	419.	6030.
34	3683.	5383.	0.	0.	5383.	2067.6	741.	6124.
35	6558.	5052.	0.	0.	5052.	2068.4	1303.	6355.
36	19251.	3558.	0.	0.	3558.	2076.7	2359.	5917.
37	39740.	4023.	0.	0.	4023.	2095.7	4872.	8895.
38	24136.	3428.	0.	0.	3428.	2105.7	2958.	6386.
39	33340.	3741.	0.	0.	3741.	2119.0	4088.	7829.
40	21395.	2884.	0.	0.	2884.	2127.4	1794.	4678.
41	21771.	2846.	0.	0.	2846.	2135.9	1825.	4671.
42	25092.	2806.	0.	0.	2806.	2145.9	2105.	4911.
43	16325.	2787.	0.	0.	2787.	2151.7	1369.	4156.
44	20943.	2981.	0.	0.	2981.	2158.5	2218.	5199.
45	38945.	3463.	0.	0.	3463.	2172.0	4061.	7524.
46	34819.	3427.	0.	0.	3427.	2183.9	3628.	7055.
47	21352.	5988.	0.	12463.	18451.	2185.0	2225.	20676.
48	16880.	6318.	0.	10562.	16880.	2185.0	1777.	18657.
49	19170.	6620.	0.	12550.	19170.	2185.0	2289.	21459.
50	12233.	7052.	0.	5181.	12233.	2185.0	1460.	13693.
51	9251.	7288.	0.	1963.	9251.	2185.0	1103.	10354.
52	8027.	7353.	0.	674.	8027.	2185.0	958.	8985.

TABLE 28 (Continued)

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

WATER YEAR, WEEK	WATANA INFLOW	WATANA OUTFLOW			END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CANYON	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW		
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	6619.	0.	0.	6619.	2185.0	735.	7354.
2	5931.	6132.	0.	0.	6132.	2184.9	659.	6791.
3	4501.	6515.	0.	0.	6515.	2184.2	501.	7016.
4	3711.	6865.	0.	0.	6865.	2183.0	413.	7278.
5	3005.	7159.	0.	0.	7159.	2181.4	381.	7540.
6	2717.	7482.	0.	0.	7482.	2179.6	339.	7821.
7	2574.	7784.	0.	0.	7784.	2177.6	322.	8106.
8	2430.	8088.	0.	0.	8088.	2175.4	305.	8393.
9	2311.	8378.	0.	0.	8378.	2173.1	291.	8669.
10	2016.	8720.	0.	0.	8720.	2170.6	373.	9093.
11	2016.	8902.	0.	0.	8902.	2168.0	373.	9275.
12	1860.	8649.	0.	0.	8649.	2165.4	345.	8994.
13	1860.	8174.	0.	0.	8174.	2163.0	345.	8519.
14	1790.	7908.	0.	0.	7908.	2160.7	392.	8300.
15	1642.	7899.	0.	0.	7899.	2158.3	359.	8258.
16	1642.	7868.	0.	0.	7868.	2155.9	359.	8227.
17	1642.	7837.	0.	0.	7837.	2153.6	359.	8196.
18	1643.	7803.	0.	0.	7803.	2151.2	357.	8160.
19	1528.	7807.	0.	0.	7807.	2148.6	357.	8164.
20	1465.	7764.	0.	0.	7764.	2145.8	342.	8106.
21	1465.	7714.	0.	0.	7714.	2143.0	342.	8056.
22	1403.	7612.	0.	0.	7612.	2140.2	327.	7939.
23	1416.	7240.	0.	0.	7240.	2137.6	302.	7542.
24	1351.	6995.	0.	0.	6995.	2135.1	288.	7283.
25	1351.	6743.	0.	0.	6743.	2132.6	288.	7031.
26	1329.	6598.	0.	0.	6598.	2130.3	284.	6882.
27	1241.	6528.	0.	0.	6528.	2127.9	242.	6770.
28	1241.	6332.	0.	0.	6332.	2125.6	242.	6574.
29	1189.	6138.	0.	0.	6138.	2123.4	233.	6371.
30	1241.	5939.	0.	0.	5939.	2121.3	242.	6181.
31	2386.	5504.	0.	0.	5504.	2119.8	560.	6064.
32	13753.	4087.	0.	0.	4087.	2124.2	3317.	7404.
33	13553.	4025.	0.	0.	4025.	2128.5	3270.	7295.
34	18894.	3325.	0.	0.	3325.	2135.5	4558.	7883.
35	31966.	3097.	0.	0.	3097.	2148.5	7421.	10518.
36	20142.	3125.	0.	0.	3125.	2155.2	3190.	6315.
37	35772.	3312.	0.	0.	3312.	2167.5	5665.	8977.
38	31327.	2894.	0.	0.	2894.	2178.3	4961.	7855.
39	21178.	3543.	0.	0.	3543.	2185.0	3354.	6897.
40	22096.	4990.	0.	17106.	22096.	2185.0	2178.	24274.
41	22084.	5016.	0.	17068.	22084.	2185.0	2177.	24261.
42	19683.	5065.	0.	14618.	19683.	2185.0	1940.	21623.
43	16050.	5155.	0.	10895.	16050.	2185.0	1582.	17632.
44	18343.	5466.	0.	12877.	18343.	2185.0	1225.	19568.
45	19675.	5586.	0.	14089.	19675.	2185.0	1278.	20953.
46	18045.	5759.	0.	12286.	18045.	2185.0	1174.	19219.
47	18653.	5988.	0.	12665.	18653.	2185.0	1212.	19865.
48	12473.	6318.	0.	6155.	12473.	2185.0	817.	13290.
49	11598.	6620.	0.	4978.	11598.	2185.0	991.	12589.
50	15857.	7052.	0.	8805.	15857.	2185.0	1355.	17212.
51	11686.	7288.	0.	4398.	11686.	2185.0	999.	12685.
52	5278.	5595.	0.	0.	5595.	2184.9	450.	6045.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	CFS)
1973 1	4296.	5976.	0.	0.	5976.	2184.2	335.	6311.
2	3976.	6299.	0.	0.	6299.	2183.3	310.	6609.
3	5515.	6552.	0.	0.	6552.	2182.9	430.	6982.
4	4090.	6913.	0.	0.	6913.	2181.9	319.	7232.
5	2727.	7227.	0.	0.	7227.	2180.2	243.	7470.
6	2210.	7553.	0.	0.	7553.	2178.1	198.	7751.
7	1887.	7861.	0.	0.	7861.	2175.9	169.	8030.
8	1738.	8165.	0.	0.	8165.	2173.4	156.	8321.
9	1519.	8462.	0.	0.	8462.	2170.8	135.	8597.
10	1356.	8836.	0.	0.	8836.	2167.9	155.	8991.
11	1210.	9027.	0.	0.	9027.	2165.0	139.	9166.
12	1186.	8764.	0.	0.	8764.	2162.1	135.	8899.
13	1186.	8290.	0.	0.	8290.	2159.4	135.	8425.
14	1051.	8059.	0.	0.	8059.	2156.7	111.	8170.
15	1026.	8037.	0.	0.	8037.	2154.1	108.	8145.
16	1026.	8008.	0.	0.	8008.	2151.4	108.	8116.
17	1026.	7980.	0.	0.	7980.	2148.6	108.	8088.
18	1035.	7948.	0.	0.	7948.	2145.4	107.	8055.
19	1008.	7942.	0.	0.	7942.	2142.3	134.	8076.
20	1008.	7894.	0.	0.	7894.	2139.2	134.	8028.
21	1008.	7845.	0.	0.	7845.	2136.2	134.	7979.
22	929.	7743.	0.	0.	7743.	2133.1	121.	7864.
23	868.	7380.	0.	0.	7380.	2130.2	77.	7457.
24	868.	7129.	0.	0.	7129.	2127.3	77.	7206.
25	868.	6877.	0.	0.	6877.	2124.6	77.	6954.
26	868.	6731.	0.	0.	6731.	2122.0	77.	6808.
27	879.	6645.	0.	0.	6645.	2119.4	70.	6715.
28	879.	6449.	0.	0.	6449.	2116.9	70.	6519.
29	879.	6251.	0.	0.	6251.	2114.5	70.	6321.
30	929.	6054.	0.	0.	6054.	2112.2	74.	6128.
31	1227.	5759.	0.	0.	5759.	2110.2	102.	5861.
32	2355.	5629.	0.	0.	5629.	2108.7	197.	5826.
33	8066.	5329.	0.	0.	5329.	2109.9	671.	6000.
34	11109.	5127.	0.	0.	5127.	2112.6	926.	6053.
35	13811.	4951.	0.	0.	4951.	2116.6	1163.	6114.
36	17385.	3144.	0.	0.	3144.	2123.0	1863.	5007.
37	28985.	3548.	0.	0.	3548.	2134.4	3104.	6652.
38	31344.	3495.	0.	0.	3495.	2147.0	3356.	6851.
39	20593.	2904.	0.	0.	2904.	2154.1	2205.	5109.
40	18980.	2781.	0.	0.	2781.	2160.3	1405.	4186.
41	18143.	2753.	0.	0.	2753.	2166.1	1345.	4098.
42	13728.	2727.	0.	0.	2727.	2170.3	1016.	3743.
43	14810.	2720.	0.	0.	2720.	2174.9	1095.	3815.
44	15752.	6610.	0.	0.	6610.	2178.4	1278.	7838.
45	18754.	6725.	0.	0.	6725.	2183.0	1521.	8246.
46	14942.	9546.	0.	34.	9579.	2185.0	1213.	10792.
47	19441.	9706.	0.	9735.	19441.	2185.0	1577.	21018.
48	20593.	6318.	0.	14275.	20593.	2185.0	1667.	22260.
49	11210.	6620.	0.	4590.	11210.	2185.0	864.	12074.
50	7823.	7052.	0.	771.	7823.	2185.0	602.	8425.
51	6605.	6605.	0.	0.	6605.	2185.0	510.	7115.
52	5366.	5612.	0.	0.	5612.	2184.9	413.	6025.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1974 1	4607.	5819.	0.	0.	5819.	2184.4	668.	6487.
2	3710.	6190.	0.	0.	6190.	2183.5	539.	6729.
3	2558.	6581.	0.	0.	6581.	2182.0	372.	6953.
4	1938.	6934.	0.	0.	6934.	2180.1	282.	7216.
5	1693.	7281.	0.	0.	7281.	2177.9	142.	7423.
6	1459.	7600.	0.	0.	7600.	2175.6	115.	7715.
7	1344.	7901.	0.	0.	7901.	2173.1	106.	8007.
8	1230.	8206.	0.	0.	8206.	2170.5	98.	8304.
9	1129.	8499.	0.	0.	8499.	2167.7	89.	8588.
10	1028.	8892.	0.	0.	8892.	2164.7	71.	8963.
11	926.	9081.	0.	0.	9081.	2161.6	63.	9144.
12	881.	8818.	0.	0.	8818.	2158.6	60.	8878.
13	854.	8344.	0.	0.	8344.	2155.7	59.	8403.
14	816.	8101.	0.	0.	8101.	2153.0	60.	8161.
15	811.	8079.	0.	0.	8079.	2150.2	59.	8138.
16	778.	8053.	0.	0.	8053.	2147.0	57.	8110.
17	765.	8027.	0.	0.	8027.	2143.7	57.	8084.
18	745.	7997.	0.	0.	7997.	2140.4	53.	8050.
19	707.	8003.	0.	0.	8003.	2137.2	58.	8061.
20	694.	7956.	0.	0.	7956.	2133.9	57.	8013.
21	662.	7910.	0.	0.	7910.	2130.6	55.	7965.
22	663.	7802.	0.	0.	7802.	2127.4	55.	7857.
23	648.	7412.	0.	0.	7412.	2124.4	66.	7478.
24	636.	7162.	0.	0.	7162.	2121.4	64.	7226.
25	605.	6910.	0.	0.	6910.	2118.6	61.	6971.
26	605.	6765.	0.	0.	6765.	2115.8	61.	6826.
27	594.	6683.	0.	0.	6683.	2113.1	45.	6728.
28	620.	6488.	0.	0.	6488.	2110.5	45.	6533.
29	747.	6286.	0.	0.	6286.	2108.0	55.	6341.
30	1189.	6074.	0.	0.	6074.	2105.8	90.	6164.
31	2059.	5675.	0.	0.	5675.	2104.1	328.	6003.
32	5341.	5317.	0.	0.	5317.	2104.2	884.	6201.
33	9964.	4872.	0.	0.	4872.	2106.4	1647.	6519.
34	22246.	3804.	0.	0.	3804.	2114.7	3675.	7479.
35	25280.	3524.	0.	0.	3524.	2124.5	4103.	7627.
36	16013.	3490.	0.	0.	3490.	2130.2	2096.	5586.
37	13675.	3200.	0.	0.	3200.	2134.9	1788.	4988.
38	12785.	3045.	0.	0.	3045.	2139.2	1672.	4717.
39	13651.	2989.	0.	0.	2989.	2144.0	1785.	4774.
40	14383.	2812.	0.	0.	2812.	2149.2	1618.	4430.
41	17876.	2784.	0.	0.	2784.	2155.1	2011.	4795.
42	16396.	2757.	0.	0.	2757.	2160.3	1845.	4602.
43	15766.	2747.	0.	0.	2747.	2165.2	1773.	4520.
44	14730.	5073.	0.	0.	5073.	2168.9	1875.	6948.
45	15504.	5818.	0.	0.	5818.	2172.6	1989.	7807.
46	13265.	6279.	0.	0.	6279.	2175.2	1701.	7980.
47	10498.	6847.	0.	0.	6847.	2176.6	1346.	8193.
48	14244.	6114.	0.	0.	6114.	2179.7	1828.	7942.
49	13395.	4781.	0.	0.	4781.	2183.0	2191.	6972.
50	7511.	5381.	0.	0.	5381.	2183.8	1227.	6608.
51	7590.	6384.	0.	0.	6384.	2184.2	1240.	7624.
52	9984.	8223.	0.	0.	8223.	2185.0	1634.	9857.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	4537.	6848.	0.	0.	6848.	2184.1	621.	7469.
2	4509.	7389.	0.	0.	7389.	2183.0	617.	8006.
3	2402.	7877.	0.	0.	7877.	2180.9	330.	8207.
4	1602.	8369.	0.	0.	8369.	2178.4	220.	8589.
5	1468.	8797.	0.	0.	8797.	2175.6	150.	8947.
6	1478.	7594.	0.	0.	7594.	2173.3	144.	7738.
7	1478.	7894.	0.	0.	7894.	2170.8	144.	8038.
8	1478.	8195.	0.	0.	8195.	2168.3	144.	8339.
9	1461.	8483.	0.	0.	8483.	2165.6	146.	8629.
10	1264.	8835.	0.	0.	8835.	2162.7	215.	9050.
11	1264.	9019.	0.	0.	9019.	2159.8	215.	9234.
12	1264.	8753.	0.	0.	8753.	2156.9	215.	8968.
13	1264.	8278.	0.	0.	8278.	2154.3	215.	8493.
14	1270.	8040.	0.	0.	8040.	2151.7	203.	8243.
15	1203.	8023.	0.	0.	8023.	2149.0	191.	8214.
16	1203.	7995.	0.	0.	7995.	2145.9	191.	8186.
17	1203.	7968.	0.	0.	7968.	2142.9	191.	8159.
18	1200.	7934.	0.	0.	7934.	2139.8	193.	8127.
19	1123.	7918.	0.	0.	7918.	2136.8	242.	8160.
20	1123.	7869.	0.	0.	7869.	2133.7	242.	8111.
21	1081.	7825.	0.	0.	7825.	2130.7	232.	8057.
22	1051.	7721.	0.	0.	7721.	2127.7	223.	7944.
23	1040.	7331.	0.	0.	7331.	2124.9	232.	7563.
24	1040.	7078.	0.	0.	7078.	2122.2	232.	7310.
25	1040.	6825.	0.	0.	6825.	2119.6	232.	7057.
26	1040.	6678.	0.	0.	6678.	2117.0	232.	6910.
27	1036.	6597.	0.	0.	6597.	2114.5	212.	6809.
28	1047.	6400.	0.	0.	6400.	2112.1	213.	6613.
29	1142.	6193.	0.	0.	6193.	2109.8	233.	6426.
30	1354.	5976.	0.	0.	5976.	2107.8	276.	6252.
31	2133.	5620.	0.	0.	5620.	2106.2	426.	6046.
32	5138.	5231.	0.	0.	5231.	2106.2	1046.	6277.
33	11291.	4548.	0.	0.	4548.	2109.2	2301.	6849.
34	17252.	3875.	0.	0.	3875.	2115.2	3518.	7393.
35	23081.	3273.	0.	0.	3273.	2124.1	4627.	7900.
36	30459.	3502.	0.	0.	3502.	2136.2	4003.	7505.
37	22880.	3310.	0.	0.	3310.	2145.0	3006.	6316.
38	28749.	3483.	0.	0.	3483.	2155.4	3778.	7261.
39	25700.	3096.	0.	0.	3096.	2164.0	3379.	6475.
40	23413.	2751.	0.	0.	2751.	2171.8	2742.	5493.
41	25455.	2720.	0.	0.	2720.	2180.5	2981.	5701.
42	24131.	5065.	0.	7176.	12241.	2185.0	2826.	15067.
43	22076.	5155.	0.	16921.	22076.	2185.0	2584.	24660.
44	20265.	5466.	0.	14799.	20265.	2185.0	2524.	22789.
45	16199.	5586.	0.	10613.	16199.	2185.0	2043.	18242.
46	15474.	5759.	0.	9715.	15474.	2185.0	1952.	17426.
47	13658.	5988.	0.	7670.	13658.	2185.0	1722.	15380.
48	11762.	6318.	0.	5444.	11762.	2185.0	1490.	13252.
49	9359.	6620.	0.	2739.	9359.	2185.0	1499.	10858.
50	15849.	7052.	0.	8797.	15849.	2185.0	2537.	18386.
51	14847.	7288.	0.	7559.	14847.	2185.0	2376.	17223.
52	12513.	7353.	0.	5160.	12513.	2185.0	2002.	14515.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CNYN.	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	7559.	7221.	0.	338.	7559.	2185.0	1787.	9346.
2	6664.	6664.	0.	0.	6664.	2185.0	1579.	8243.
3	6139.	6139.	0.	0.	6139.	2185.0	1454.	7593.
4	3621.	6654.	0.	0.	6654.	2183.8	857.	7511.
5	2720.	7129.	0.	0.	7129.	2182.2	439.	7568.
6	1937.	7497.	0.	0.	7497.	2180.1	304.	7801.
7	1475.	7826.	0.	0.	7826.	2177.6	232.	8058.
8	1173.	8146.	0.	0.	8146.	2175.0	183.	8329.
9	1012.	8445.	0.	0.	8445.	2172.2	156.	8601.
10	925.	8837.	0.	0.	8837.	2169.2	138.	8975.
11	890.	9023.	0.	0.	9023.	2166.1	133.	9156.
12	858.	8762.	0.	0.	8762.	2163.1	128.	8890.
13	809.	8292.	0.	0.	8292.	2160.2	121.	8413.
14	778.	8040.	0.	0.	8040.	2157.5	142.	8182.
15	778.	8017.	0.	0.	8017.	2154.7	143.	8160.
16	750.	7991.	0.	0.	7991.	2152.0	138.	8129.
17	739.	7964.	0.	0.	7964.	2149.1	136.	8100.
18	741.	7932.	0.	0.	7932.	2145.9	135.	8067.
19	746.	7940.	0.	0.	7940.	2142.6	134.	8074.
20	746.	7893.	0.	0.	7893.	2139.4	134.	8027.
21	746.	7845.	0.	0.	7845.	2136.2	134.	7979.
22	726.	7739.	0.	0.	7739.	2133.1	130.	7869.
23	687.	7353.	0.	0.	7353.	2130.1	135.	7488.
24	687.	7102.	0.	0.	7102.	2127.2	135.	7237.
25	687.	6850.	0.	0.	6850.	2124.4	135.	6985.
26	687.	6705.	0.	0.	6705.	2121.7	135.	6840.
27	644.	6626.	0.	0.	6626.	2119.0	112.	6738.
28	675.	6428.	0.	0.	6428.	2116.4	117.	6545.
29	839.	6217.	0.	0.	6217.	2114.0	144.	6361.
30	1402.	5975.	0.	0.	5975.	2111.9	241.	6216.
31	3440.	5387.	0.	0.	5387.	2111.1	871.	6258.
32	9778.	4462.	0.	0.	4462.	2113.5	2596.	7058.
33	9397.	4431.	0.	0.	4431.	2115.7	2495.	6926.
34	9828.	4299.	0.	0.	4299.	2118.2	2608.	6907.
35	11375.	4043.	0.	0.	4043.	2121.5	3021.	7064.
36	23100.	3501.	0.	0.	3501.	2130.3	3145.	6646.
37	24887.	3439.	0.	0.	3439.	2139.9	3387.	6826.
38	17525.	2982.	0.	0.	2982.	2146.5	2384.	5366.
39	16928.	2907.	0.	0.	2907.	2152.4	2306.	5213.
40	16991.	2787.	0.	0.	2787.	2157.7	1285.	4072.
41	16954.	2760.	0.	0.	2760.	2163.1	1281.	4041.
42	16164.	2734.	0.	0.	2734.	2168.2	1221.	3955.
43	16576.	2725.	0.	0.	2725.	2173.5	1255.	3980.
44	20226.	4849.	0.	0.	4849.	2179.3	1024.	5873.
45	26317.	9408.	0.	2021.	11429.	2185.0	1283.	12712.
46	19534.	9555.	0.	9979.	19534.	2185.0	952.	20486.
47	15004.	5988.	0.	9016.	15004.	2185.0	732.	15736.
48	10554.	6318.	0.	4236.	10554.	2185.0	525.	11079.
49	6302.	6302.	0.	0.	6302.	2185.0	862.	7164.
50	5160.	5160.	0.	0.	5160.	2185.0	707.	5867.
51	5190.	5916.	0.	0.	5916.	2184.7	712.	6628.
52	5530.	5745.	0.	0.	5745.	2184.6	755.	6500.

TABLE 28 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT WATANA DAMSITE
FOR EARLY STAGE [redacted]

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	3729.	5799.	0.	0.	5799.	2183.8	713.	6512.
2	3045.	6173.	0.	0.	6173.	2182.7	581.	6754.
3	2903.	6497.	0.	0.	6497.	2181.3	555.	7052.
4	2576.	6837.	0.	0.	6837.	2179.7	492.	7329.
5	2139.	7107.	0.	0.	7107.	2177.8	513.	7620.
6	1963.	7430.	0.	0.	7430.	2175.7	475.	7905.
7	1839.	7740.	0.	0.	7740.	2173.5	446.	8186.
8	1736.	8052.	0.	0.	8052.	2171.1	420.	8472.
9	2097.	8300.	0.	0.	8300.	2168.7	503.	8803.
10	1902.	8671.	0.	0.	8671.	2166.1	527.	9198.
11	1722.	8876.	0.	0.	8876.	2163.4	478.	9354.
12	1583.	8629.	0.	0.	8629.	2160.7	437.	9066.
13	1462.	8169.	0.	0.	8169.	2158.2	405.	8574.
14	1442.	7961.	0.	0.	7961.	2155.7	330.	8291.
15	1400.	7941.	0.	0.	7941.	2153.2	320.	8261.
16	1326.	7919.	0.	0.	7919.	2150.7	303.	8222.
17	1294.	7894.	0.	0.	7894.	2147.9	296.	8190.
18	1257.	7866.	0.	0.	7866.	2144.9	286.	8152.
19	1219.	7881.	0.	0.	7881.	2141.9	268.	8149.
20	1197.	7834.	0.	0.	7834.	2138.9	264.	8098.
21	1197.	7785.	0.	0.	7785.	2136.0	264.	8049.
22	1156.	7678.	0.	0.	7678.	2133.1	259.	7937.
23	1106.	7298.	0.	0.	7298.	2130.3	249.	7547.
24	1106.	7046.	0.	0.	7046.	2127.6	249.	7295.
25	1106.	6793.	0.	0.	6793.	2125.0	249.	7042.
26	1106.	6647.	0.	0.	6647.	2122.5	249.	6896.
27	1149.	6537.	0.	0.	6537.	2120.1	289.	6826.
28	1149.	6340.	0.	0.	6340.	2117.8	289.	6629.
29	1211.	6134.	0.	0.	6134.	2115.6	305.	6439.
30	1272.	5930.	0.	0.	5930.	2113.5	320.	6250.
31	1314.	5611.	0.	0.	5611.	2111.5	398.	6009.
32	2267.	5377.	0.	0.	5377.	2110.1	707.	6084.
33	8205.	4412.	0.	0.	4412.	2111.9	2559.	6971.
34	12588.	3674.	0.	0.	3674.	2115.9	3927.	7601.
35	19531.	3173.	0.	0.	3173.	2123.2	5917.	9090.
36	29414.	3612.	0.	0.	3612.	2134.8	3777.	7389.
37	38957.	3027.	0.	0.	3027.	2150.8	5005.	8032.
38	31928.	3254.	0.	0.	3254.	2161.7	4100.	7354.
39	28489.	3128.	0.	0.	3128.	2171.4	3659.	6787.
40	18502.	2734.	0.	0.	2734.	2177.3	1928.	4662.
41	20572.	2712.	0.	0.	2712.	2184.1	2144.	4856.
42	21740.	5065.	0.	14384.	19449.	2185.0	2265.	21714.
43	18089.	5155.	0.	12934.	18089.	2185.0	1884.	19973.
44	19531.	5466.	0.	14065.	19531.	2185.0	1841.	21372.
45	18939.	5586.	0.	13353.	18939.	2185.0	1756.	20695.
46	17328.	5759.	0.	11569.	17328.	2185.0	1607.	18935.
47	17519.	5988.	0.	11531.	17519.	2185.0	1624.	19143.
48	11066.	6318.	0.	4748.	11066.	2185.0	1035.	12101.
49	8643.	6620.	0.	2023.	8643.	2185.0	1071.	9714.
50	12235.	7052.	0.	5183.	12235.	2185.0	1516.	13751.
51	11736.	7288.	0.	4448.	11736.	2185.0	1454.	13190.
52	9877.	7353.	0.	2524.	9877.	2185.0	1222.	11099.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	6782.	0.	0.	6782.	2185.0	1330.	8112.
2	6882.	6882.	0.	0.	6882.	2185.0	1347.	8229.
3	6046.	6192.	0.	0.	6192.	2184.9	1186.	7378.
4	4510.	6641.	0.	0.	6641.	2184.1	885.	7526.
5	3355.	6994.	0.	0.	6994.	2182.8	724.	7718.
6	2862.	7350.	0.	0.	7350.	2181.0	612.	7962.
7	2578.	7671.	0.	0.	7671.	2179.1	553.	8224.
8	2392.	7985.	0.	0.	7985.	2177.0	512.	8497.
9	2223.	8288.	0.	0.	8288.	2174.7	469.	8757.
10	2108.	8692.	0.	0.	8692.	2172.2	415.	9107.
11	2015.	8882.	0.	0.	8882.	2169.6	397.	9279.
12	1955.	8621.	0.	0.	8621.	2167.0	385.	9006.
13	1808.	8161.	0.	0.	8161.	2164.6	355.	8516.
14	1741.	7935.	0.	0.	7935.	2162.3	319.	8254.
15	1641.	7919.	0.	0.	7919.	2159.9	301.	8220.
16	1557.	7895.	0.	0.	7895.	2157.5	286.	8181.
17	1496.	7870.	0.	0.	7870.	2155.1	274.	8144.
18	1403.	7842.	0.	0.	7842.	2152.6	260.	8102.
19	1285.	7845.	0.	0.	7845.	2150.1	263.	8108.
20	1247.	7798.	0.	0.	7798.	2147.2	256.	8054.
21	1247.	7748.	0.	0.	7748.	2144.3	256.	8004.
22	1212.	7644.	0.	0.	7644.	2141.4	248.	7892.
23	1258.	7274.	0.	0.	7274.	2138.7	220.	7494.
24	1258.	7023.	0.	0.	7023.	2136.1	220.	7243.
25	1258.	6771.	0.	0.	6771.	2133.6	220.	6991.
26	1275.	6623.	0.	0.	6623.	2131.2	223.	6846.
27	1251.	6549.	0.	0.	6549.	2128.8	190.	6739.
28	1251.	6353.	0.	0.	6353.	2126.5	190.	6543.
29	1251.	6155.	0.	0.	6155.	2124.3	190.	6345.
30	1322.	5956.	0.	0.	5956.	2122.2	200.	6156.
31	3355.	5698.	0.	0.	5698.	2121.2	149.	5847.
32	11862.	5444.	0.	0.	5444.	2124.1	482.	5926.
33	16195.	5275.	0.	0.	5275.	2129.0	658.	5933.
34	10959.	5246.	0.	0.	5246.	2131.6	445.	5691.
35	11660.	5158.	0.	0.	5158.	2134.5	490.	5648.
36	13979.	3499.	0.	0.	3499.	2139.2	938.	4437.
37	19417.	3556.	0.	0.	3556.	2146.3	1303.	4859.
38	16614.	3378.	0.	0.	3378.	2151.9	1115.	4493.
39	20703.	3355.	0.	0.	3355.	2158.5	1389.	4744.
40	19608.	3293.	0.	0.	3293.	2164.7	1716.	5009.
41	18215.	3222.	0.	0.	3222.	2170.4	1595.	4817.
42	18416.	3224.	0.	0.	3224.	2176.2	1612.	4836.
43	18064.	3261.	0.	0.	3261.	2181.8	1582.	4843.
44	16600.	8170.	0.	0.	8170.	2185.0	2335.	10505.
45	15674.	8030.	0.	7644.	15674.	2185.0	2243.	17917.
46	14572.	5759.	0.	8813.	14572.	2185.0	2087.	16659.
47	12160.	5988.	0.	6172.	12160.	2185.0	1741.	13901.
48	8756.	6318.	0.	2438.	8756.	2185.0	1254.	10010.
49	9287.	6620.	0.	2667.	9287.	2185.0	1229.	10516.
50	8372.	7052.	0.	1320.	8372.	2185.0	1108.	9480.
51	6293.	6293.	0.	0.	6293.	2185.0	833.	7126.
52	4696.	5515.	0.	0.	5515.	2184.6	621.	6136.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	4195.	5753.	0.	0.	5753.	2184.1	810.	6563.
2	4701.	6018.	0.	0.	6018.	2183.6	906.	6924.
3	3796.	6411.	0.	0.	6411.	2182.6	732.	7143.
4	2849.	6807.	0.	0.	6807.	2181.1	549.	7355.
5	2736.	7094.	0.	0.	7094.	2179.4	531.	7625.
6	2368.	7431.	0.	0.	7431.	2177.5	462.	7893.
7	1774.	7780.	0.	0.	7780.	2175.2	347.	8127.
8	1558.	8099.	0.	0.	8099.	2172.7	304.	8403.
9	1502.	8393.	0.	0.	8393.	2170.1	290.	8683.
10	1483.	8787.	0.	0.	8787.	2167.3	265.	9052.
11	1349.	8981.	0.	0.	8981.	2164.4	242.	9223.
12	1214.	8727.	0.	0.	8727.	2161.6	219.	8946.
13	1170.	8257.	0.	0.	8257.	2158.9	211.	8468.
14	1185.	8031.	0.	0.	8031.	2156.3	174.	8205.
15	1138.	8011.	0.	0.	8011.	2153.7	168.	8179.
16	1138.	7981.	0.	0.	7981.	2151.1	168.	8149.
17	1138.	7953.	0.	0.	7953.	2148.2	168.	8121.
18	1059.	7927.	0.	0.	7927.	2145.1	154.	8081.
19	1067.	7936.	0.	0.	7936.	2142.0	151.	8087.
20	1067.	7887.	0.	0.	7887.	2138.9	151.	8038.
21	1067.	7839.	0.	0.	7839.	2135.9	151.	7990.
22	989.	7737.	0.	0.	7737.	2132.9	137.	7874.
23	1113.	7391.	0.	0.	7391.	2130.0	56.	7447.
24	1113.	7139.	0.	0.	7139.	2127.3	56.	7195.
25	1113.	6887.	0.	0.	6887.	2124.7	56.	6943.
26	1113.	6741.	0.	0.	6741.	2122.2	56.	6797.
27	1064.	6645.	0.	0.	6645.	2119.7	67.	6712.
28	1113.	6447.	0.	0.	6447.	2117.3	71.	6513.
29	1228.	6245.	0.	0.	6245.	2115.0	77.	6322.
30	1545.	6041.	0.	0.	6041.	2113.0	95.	6136.
31	2451.	5713.	0.	0.	5713.	2111.6	187.	5900.
32	4633.	5540.	0.	0.	5540.	2111.1	365.	5905.
33	10811.	5230.	0.	0.	5230.	2113.7	851.	6081.
34	17246.	4901.	0.	0.	4901.	2119.2	1358.	6259.
35	28470.	4426.	0.	0.	4426.	2130.0	2193.	6619.
36	25470.	3092.	0.	0.	3092.	2140.1	1213.	4305.
37	21379.	3020.	0.	0.	3020.	2148.3	1018.	4038.
38	19302.	2956.	0.	0.	2956.	2154.8	918.	3874.
39	23880.	2879.	0.	0.	2879.	2162.8	1138.	4017.
40	2283..	2830.	0.	0.	2830.	2170.4	2250.	5080.
41	22584.	2822.	0.	0.	2822.	2177.9	2227.	5049.
42	27495.	8780.	0.	0.	8780.	2185.0	2710.	11490.
43	28100.	5155.	0.	22945.	28100.	2185.0	2768.	30868.
44	21732.	5466.	0.	16266.	21732.	2185.0	3135.	24867.
45	20346.	5586.	0.	14760.	20346.	2185.0	2980.	23326.
46	16431.	5759.	0.	10672.	16431.	2185.0	2407.	18838.
47	13993.	5988.	0.	8005.	13993.	2185.0	2050.	16043.
48	12415.	6318.	0.	6097.	12415.	2185.0	1817.	14232.
49	7911.	6620.	0.	1291.	7911.	2185.0	923.	8834.
50	7704.	7052.	0.	652.	7704.	2185.0	902.	8606.
51	11339.	7288.	0.	4051.	11339.	2185.0	1324.	12663.
52	8978.	7353.	0.	1625.	8978.	2185.0	1049.	10027.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1980 1	6672.	6672.	0.	0.	6672.	2185.0	814.	7486.
2	8469.	7534.	0.	935.	8469.	2185.0	1032.	9501.
3	5948.	6409.	0.	0.	6409.	2184.8	725.	7134.
4	4395.	6806.	0.	0.	6806.	2183.9	535.	7341.
5	4084.	7098.	0.	0.	7098.	2182.8	504.	7602.
6	3698.	7425.	0.	0.	7425.	2181.3	450.	7875.
7	4120.	7693.	0.	0.	7693.	2180.0	501.	8194.
8	2949.	8053.	0.	0.	8053.	2178.1	360.	8413.
9	2811.	8344.	0.	0.	8344.	2176.0	340.	8684.
10	2297.	8750.	0.	0.	8750.	2173.5	279.	9029.
11	2069.	8943.	0.	0.	8943.	2170.9	252.	9195.
12	1890.	8688.	0.	0.	8688.	2168.3	229.	8917.
13	1711.	8225.	0.	0.	8225.	2165.8	207.	8432.
14	1607.	7988.	0.	0.	7988.	2163.4	194.	8182.
15	1535.	7967.	0.	0.	7967.	2161.0	187.	8154.
16	1451.	7942.	0.	0.	7942.	2158.5	177.	8119.
17	1379.	7916.	0.	0.	7916.	2156.0	168.	8084.
18	1345.	7884.	0.	0.	7884.	2153.5	162.	8046.
19	1285.	7891.	0.	0.	7891.	2151.0	155.	8046.
20	1224.	7844.	0.	0.	7844.	2148.2	148.	7992.
21	1176.	7797.	0.	0.	7797.	2145.3	143.	7940.
22	1175.	7688.	0.	0.	7688.	2142.3	145.	7833.
23	1177.	7306.	0.	0.	7306.	2139.6	144.	7450.
24	1177.	7055.	0.	0.	7055.	2136.9	144.	7199.
25	1177.	6804.	0.	0.	6804.	2134.4	144.	6948.
26	1177.	6658.	0.	0.	6658.	2131.9	144.	6802.
27	1122.	6571.	0.	0.	6571.	2129.5	138.	6709.
28	1122.	6375.	0.	0.	6375.	2127.1	138.	6513.
29	1179.	6175.	0.	0.	6175.	2124.9	145.	6320.
30	1604.	5955.	0.	0.	5955.	2122.9	196.	6151.
31	3462.	5568.	0.	0.	5568.	2122.0	413.	5981.
32	8212.	5196.	0.	0.	5196.	2123.3	1000.	6196.
33	11764.	4910.	0.	0.	4910.	2126.4	1432.	6342.
34	10518.	4903.	0.	0.	4903.	2128.9	1283.	6186.
35	16714.	4473.	0.	0.	4473.	2134.4	2054.	6527.
36	25823.	3886.	0.	0.	3886.	2144.3	3150.	7036.
37	20349.	4111.	0.	0.	4111.	2151.4	2482.	6593.
38	26351.	3674.	0.	0.	3674.	2160.0	3214.	6888.
39	22988.	3753.	0.	0.	3753.	2167.3	2804.	6557.
40	26281.	2891.	0.	0.	2891.	2176.2	3220.	6111.
41	26663.	3399.	0.	0.	3399.	2185.0	3270.	6669.
42	28137.	5065.	0.	23072.	28137.	2185.0	3448.	31585.
43	25275.	5155.	0.	20120.	25275.	2185.0	3097.	28372.
44	28150.	5466.	0.	22684.	28150.	2185.0	3290.	31440.
45	19051.	5586.	0.	13465.	19051.	2185.0	2351.	21402.
46	18006.	5759.	0.	12247.	18006.	2185.0	2224.	20230.
47	16331.	5988.	0.	10343.	16331.	2185.0	2015.	18346.
48	11948.	6318.	0.	5630.	11948.	2185.0	1465.	13413.
49	8723.	6620.	0.	2103.	8723.	2185.0	1063.	9786.
50	9329.	7052.	0.	2277.	9329.	2185.0	1136.	10465.
51	15679.	7288.	0.	8391.	15679.	2185.0	1913.	17592.
52	10243.	7353.	0.	2890.	10243.	2185.0	1249.	11492.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	8532.	7221.	0.	1311.	8532.	2185.0	902.	9434.
2	7605.	7534.	0.	71.	7605.	2185.0	804.	8409.
3	6326.	6435.	0.	0.	6435.	2185.0	668.	7103.
4	5214.	6798.	0.	0.	6798.	2184.4	551.	7349.
5	3950.	7127.	0.	0.	7127.	2183.2	439.	7566.
6	3534.	7450.	0.	0.	7450.	2181.7	395.	7845.
7	2637.	7790.	0.	0.	7790.	2179.7	295.	8085.
8	2685.	8082.	0.	0.	8082.	2177.7	300.	8382.
9	2707.	8368.	0.	0.	8368.	2175.5	291.	8659.
10	2175.	8864.	0.	0.	8864.	2173.0	41.	8905.
11	1678.	9050.	0.	0.	9050.	2170.2	32.	9082.
12	1578.	8786.	0.	0.	8786.	2167.4	30.	8816.
13	1516.	8313.	0.	0.	8313.	2164.8	30.	8343.
14	1448.	8049.	0.	0.	8049.	2162.3	76.	8125.
15	1684.	8018.	0.	0.	8018.	2159.9	91.	8109.
16	1961.	7980.	0.	0.	7980.	2157.6	105.	8085.
17	2118.	7945.	0.	0.	7945.	2155.4	114.	8059.
18	2142.	7906.	0.	0.	7906.	2153.2	120.	8026.
19	1911.	7809.	0.	0.	7809.	2151.0	329.	8138.
20	1594.	7784.	0.	0.	7784.	2148.4	274.	8058.
21	1265.	7760.	0.	0.	7760.	2145.5	219.	7979.
22	1190.	7660.	0.	0.	7660.	2142.6	201.	7861.
23	1194.	7280.	0.	0.	7280.	2139.8	197.	7477.
24	1274.	7023.	0.	0.	7023.	2137.2	210.	7233.
25	1207.	6769.	0.	0.	6769.	2134.8	213.	6982.
26	1314.	6622.	0.	0.	6622.	2132.4	215.	6837.
27	1238.	6534.	0.	0.	6534.	2130.0	211.	6745.
28	1291.	6334.	0.	0.	6334.	2127.7	219.	6553.
29	1373.	6129.	0.	0.	6129.	2125.6	235.	6364.
30	1779.	5901.	0.	0.	5901.	2123.8	304.	6205.
31	4737.	5542.	0.	0.	5542.	2123.4	459.	6001.
32	17566.	4862.	0.	0.	4862.	2129.1	1673.	6535.
33	17640.	4768.	0.	0.	4768.	2134.9	1681.	6449.
34	11625.	4959.	0.	0.	4959.	2137.9	1108.	6067.
35	19077.	4564.	0.	0.	4564.	2144.4	1807.	6371.
36	16465.	3051.	0.	0.	3051.	2150.4	1626.	4677.
37	14949.	2993.	0.	0.	2993.	2154.9	1476.	4469.
38	16085.	2938.	0.	0.	2938.	2159.9	1589.	4527.
39	18788.	2867.	0.	0.	2867.	2166.0	1856.	4723.
40	14090.	3100.	0.	0.	3100.	2170.1	2067.	5167.
41	33261.	4886.	0.	0.	4886.	2180.9	4877.	9763.
42	32516.	5065.	0.	16714.	21779.	2185.0	4767.	26546.
43	29007.	5155.	0.	23852.	29007.	2185.0	4251.	33258.
44	31168.	5464.	0.	24000.	29464.	2185.6	4899.	34363.
45	30077.	5583.	0.	24000.	29583.	2185.8	4627.	34210.
46	38871.	5745.	0.	24000.	29745.	2189.3	5981.	35726.
47	30803.	7169.	0.	24000.	31169.	2189.2	4738.	35907.
48	20647.	7582.	0.	24000.	31582.	2185.0	3185.	34767.
49	15158.	7944.	0.	7237.	15181.	2185.0	1735.	16916.
50	12220.	8462.	0.	3758.	12220.	2185.0	1400.	13620.
51	10197.	8746.	0.	1451.	10197.	2185.0	1169.	11366.
52	8299.	8299.	0.	0.	8299.	2185.0	952.	9251.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	5901.	0.	0.	5901.	2185.0	668.	6569.
2	5560.	6123.	0.	0.	6123.	2184.8	630.	6753.
3	5713.	6422.	0.	0.	6422.	2184.5	648.	7070.
4	6627.	6680.	0.	0.	6680.	2184.5	749.	7429.
5	3364.	6942.	0.	0.	6942.	2183.1	777.	7719.
6	2845.	7296.	0.	0.	7296.	2181.4	668.	7964.
7	2782.	7596.	0.	0.	7596.	2179.6	654.	8250.
8	2339.	7940.	0.	0.	7940.	2177.5	550.	8490.
9	2057.	8258.	0.	0.	8258.	2175.1	477.	8735.
10	1971.	8695.	0.	0.	8695.	2172.6	357.	9052.
11	1860.	8888.	0.	0.	8888.	2169.9	333.	9221.
12	1794.	8629.	0.	0.	8629.	2167.3	321.	8950.
13	1794.	8157.	0.	0.	8157.	2164.9	321.	8478.
14	1697.	7901.	0.	0.	7901.	2162.5	387.	8288.
15	1695.	7876.	0.	0.	7876.	2160.2	388.	8264.
16	1695.	7845.	0.	0.	7845.	2157.9	388.	8233.
17	1695.	7814.	0.	0.	7814.	2155.5	388.	8202.
18	1729.	7784.	0.	0.	7784.	2153.2	377.	8161.
19	1662.	7753.	0.	0.	7753.	2150.9	449.	8202.
20	1213.	7759.	0.	0.	7759.	2148.1	329.	8088.
21	881.	7753.	0.	0.	7753.	2145.1	238.	7991.
22	767.	7656.	0.	0.	7656.	2142.0	215.	7871.
23	826.	7293.	0.	0.	7293.	2139.0	175.	7468.
24	826.	7043.	0.	0.	7043.	2136.2	175.	7218.
25	874.	6787.	0.	0.	6787.	2133.6	186.	6973.
26	1123.	6615.	0.	0.	6615.	2131.1	240.	6855.
27	956.	6482.	0.	0.	6482.	2128.6	330.	6812.
28	956.	6287.	0.	0.	6287.	2126.2	330.	6617.
29	1057.	6074.	0.	0.	6074.	2124.0	363.	6437.
30	1403.	5821.	0.	0.	5821.	2122.0	483.	6304.
31	2641.	5581.	0.	0.	5581.	2120.7	394.	5975.
32	6274.	5233.	0.	0.	5233.	2121.1	933.	6166.
33	11618.	4775.	0.	0.	4775.	2124.2	1727.	6502.
34	15603.	4410.	0.	0.	4410.	2129.3	2317.	6727.
35	17916.	4197.	0.	0.	4197.	2135.4	2627.	6824.
36	21638.	3483.	0.	0.	3483.	2143.6	3012.	6495.
37	18090.	3134.	0.	0.	3134.	2150.3	2519.	5653.
38	23883.	3352.	0.	0.	3352.	2158.1	3326.	6678.
39	23173.	3119.	0.	0.	3119.	2165.7	3229.	6348.
40	16689.	2750.	0.	0.	2750.	2171.0	2021.	4771.
41	20637.	2723.	0.	0.	2723.	2177.8	2499.	5222.
42	20979.	2700.	0.	0.	2700.	2184.7	2542.	5242.
43	23533.	5155.	0.	17654.	22809.	2185.0	2853.	25662.
44	20306.	5466.	0.	14840.	20306.	2185.0	1997.	22303.
45	13970.	5586.	0.	8384.	13970.	2185.0	1416.	15386.
46	12157.	5759.	0.	6398.	12157.	2185.0	1231.	13388.
47	10610.	5988.	0.	4622.	10610.	2185.0	1074.	11684.
48	11835.	6318.	0.	5517.	11835.	2185.0	1200.	13035.
49	10670.	6620.	0.	4050.	10670.	2185.0	1878.	12548.
50	13360.	7052.	0.	6308.	13360.	2185.0	2353.	15713.
51	21010.	7288.	0.	13722.	21010.	2185.0	3702.	24712.
52	11582.	7353.	0.	4229.	11582.	2185.0	2038.	13620.

TABLE 26 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CNYN.	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	7782.	7221.	0.	561.	7782.	2185.0	1709.	9491.
2	6119.	6119.	0.	0.	6119.	2185.0	1345.	7464.
3	4982.	6235.	0.	0.	6235.	2184.5	1095.	7330.
4	2921.	6758.	0.	0.	6758.	2183.1	641.	7399.
5	2384.	7161.	0.	0.	7161.	2181.3	376.	7537.
6	2252.	7484.	0.	0.	7484.	2179.3	338.	7822.
7	2137.	7786.	0.	0.	7786.	2177.1	321.	8107.
8	1997.	8092.	0.	0.	8092.	2174.8	300.	8392.
9	1944.	8382.	0.	0.	8382.	2172.4	291.	8673.
10	1850.	8763.	0.	0.	8763.	2169.7	292.	9055.
11	1850.	8944.	0.	0.	8944.	2167.0	292.	9236.
12	1850.	8678.	0.	0.	8678.	2164.4	292.	8970.
13	1965.	8195.	0.	0.	8195.	2162.1	309.	8504.
14	2201.	7923.	0.	0.	7923.	2159.9	368.	8291.
15	1906.	7921.	0.	0.	7921.	2157.6	319.	8240.
16	1690.	7907.	0.	0.	7907.	2155.3	284.	8191.
17	1588.	7885.	0.	0.	7885.	2152.9	266.	8151.
18	1553.	7852.	0.	0.	7852.	2150.5	260.	8112.
19	1535.	7869.	0.	0.	7869.	2147.7	234.	8103.
20	1650.	7811.	0.	0.	7811.	2144.9	252.	8063.
21	1685.	7758.	0.	0.	7758.	2142.2	257.	8015.
22	1583.	7658.	0.	0.	7658.	2139.5	238.	7896.
23	1534.	7303.	0.	0.	7303.	2136.9	176.	7479.
24	1437.	7057.	0.	0.	7057.	2134.4	165.	7222.
25	1389.	6807.	0.	0.	6807.	2131.9	159.	6966.
26	1280.	6667.	0.	0.	6667.	2129.5	147.	6814.
27	1185.	6572.	0.	0.	6572.	2127.1	156.	6728.
28	1208.	6375.	0.	0.	6375.	2124.7	158.	6533.
29	1411.	6164.	0.	0.	6164.	2122.6	185.	6349.
30	1907.	5937.	0.	0.	5937.	2120.8	251.	6188.
31	3484.	5480.	0.	0.	5480.	2119.9	612.	6092.
32	8419.	4948.	0.	0.	4948.	2121.5	1528.	6476.
33	14537.	4335.	0.	0.	4335.	2126.0	2639.	6974.
34	12909.	4394.	0.	0.	4394.	2129.9	2344.	6738.
35	18671.	3862.	0.	0.	3862.	2136.5	3325.	7187.
36	23758.	3073.	0.	0.	3073.	2145.8	2687.	5760.
37	17019.	3005.	0.	0.	3005.	2151.8	1923.	4928.
38	20754.	2945.	0.	0.	2945.	2158.6	2348.	5293.
39	20568.	2870.	0.	0.	2870.	2165.3	2326.	5196.
40	22463.	2748.	0.	0.	2748.	2172.8	1769.	4517.
41	19352.	2720.	0.	0.	2720.	2179.1	1523.	4243.
42	16152.	2699.	0.	0.	2699.	2184.2	1271.	3970.
43	17431.	9011.	0.	6357.	15368.	2185.0	1370.	16738.
44	17935.	5466.	0.	12469.	17935.	2185.0	2009.	19944.
45	22829.	5586.	0.	17243.	22829.	2185.0	2559.	25388.
46	21149.	5759.	0.	15390.	21149.	2185.0	2371.	23520.
47	18683.	5988.	0.	12695.	18683.	2185.0	2095.	20778.
48	22728.	6318.	0.	16410.	22728.	2185.0	2556.	25284.
49	15528.	6620.	0.	8908.	15528.	2185.0	2163.	17691.
50	9607.	7052.	0.	2555.	9607.	2185.0	1339.	10946.
51	8465.	7288.	0.	1177.	8465.	2185.0	1179.	9644.
52	9728.	7353.	0.	2375.	9728.	2185.0	1357.	11085.

TABLE 27

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW				END OF WEEK	INTERVENING	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	DEVIL CNYN-GOLD CREEK	GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1951 1	7061.	5745.	0.	0.	5745.	1446.6	255.	6000.
2	7539.	5774.	0.	0.	5774.	1450.2	226.	6000.
3	8252.	5228.	0.	0.	5228.	1455.0	198.	5426.
4	7183.	7183.	0.	0.	7183.	1455.0	113.	7296.
5	7425.	7425.	0.	0.	7425.	1455.0	81.	7506.
6	7727.	7727.	0.	0.	7727.	1455.0	78.	7805.
7	8021.	8021.	0.	0.	8021.	1455.0	73.	8094.
8	8320.	8320.	0.	0.	8320.	1455.0	70.	8390.
9	8606.	8606.	0.	0.	8606.	1455.0	66.	8672.
10	8999.	8999.	0.	0.	8999.	1455.0	71.	9070.
11	9184.	9184.	0.	0.	9184.	1455.0	71.	9255.
12	8919.	8919.	0.	0.	8919.	1455.0	71.	8990.
13	8445.	8445.	0.	0.	8445.	1455.0	71.	8516.
14	8188.	8188.	0.	0.	8188.	1455.0	52.	8240.
15	8166.	8166.	0.	0.	8166.	1455.0	49.	8215.
16	8139.	8139.	0.	0.	8139.	1455.0	49.	8188.
17	8113.	8113.	0.	0.	8113.	1455.0	49.	8162.
18	8078.	8078.	0.	0.	8078.	1455.0	51.	8129.
19	8088.	8088.	0.	0.	8088.	1455.0	57.	8145.
20	8041.	8041.	0.	0.	8041.	1455.0	57.	8098.
21	7993.	7993.	0.	0.	7993.	1455.0	57.	8050.
22	7883.	7883.	0.	0.	7883.	1455.0	54.	7937.
23	7490.	7490.	0.	0.	7490.	1455.0	47.	7537.
24	7238.	7238.	0.	0.	7238.	1455.0	47.	7285.
25	6985.	6985.	0.	0.	6985.	1455.0	47.	7032.
26	6839.	6839.	0.	0.	6839.	1455.0	47.	6886.
27	6758.	6758.	0.	0.	6758.	1455.0	142.	6900.
28	6575.	6575.	0.	0.	6575.	1455.0	185.	6760.
29	6410.	6410.	0.	0.	6410.	1455.0	282.	6692.
30	6280.	6280.	0.	0.	6280.	1455.0	491.	6771.
31	6173.	6173.	0.	0.	6173.	1455.0	579.	6752.
32	6733.	6733.	0.	0.	6733.	1455.0	1059.	7792.
33	6757.	6757.	0.	0.	6757.	1455.0	1177.	7934.
34	6114.	6114.	0.	0.	6114.	1455.0	585.	6699.
35	6470.	6470.	0.	0.	6470.	1455.0	977.	7447.
36	5154.	7987.	193.	0.	8180.	1450.2	820.	9000.
37	4515.	7966.	443.	0.	8408.	1442.3	592.	9000.
38	3924.	7981.	644.	0.	8625.	1432.7	375.	9000.
39	4232.	7960.	511.	0.	8471.	1424.1	529.	9000.
40	4413.	7794.	556.	0.	8349.	1416.1	651.	9000.
41	4665.	7869.	368.	0.	8236.	1408.8	764.	9000.
42	6398.	5629.	2641.	0.	8270.	1405.0	730.	9000.
43	8328.	3043.	5285.	0.	8328.	1405.0	672.	9000.
44	7630.	4952.	2678.	0.	7630.	1405.0	1370.	9000.
45	7602.	4556.	3047.	0.	7602.	1405.0	1398.	9000.
46	7515.	4983.	2532.	0.	7515.	1405.0	1485.	9000.
47	13903.	0.	7546.	0.	7546.	1417.9	1454.	9000.
48	23677.	4384.	2693.	0.	7077.	1451.4	1923.	9000.
49	28254.	4260.	0.	21714.	25973.	1455.0	1803.	27776.
50	17550.	3985.	0.	13565.	17550.	1455.0	1121.	18671.
51	18128.	3977.	0.	14151.	18128.	1455.0	1158.	19286.
52	15345.	4107.	0.	11238.	15345.	1455.0	980.	16325.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1952 1	8578.	4922.	0.	3656.	8578.	1455.0	651.	9229.
2	6802.	6802.	0.	0.	6802.	1455.0	436.	7238.
3	7014.	7014.	0.	0.	7014.	1455.0	317.	7331.
4	7266.	7266.	0.	0.	7266.	1455.0	246.	7512.
5	7596.	7596.	0.	0.	7596.	1455.0	225.	7821.
6	7879.	7879.	0.	0.	7879.	1455.0	153.	8032.
7	8113.	8113.	0.	0.	8113.	1455.0	113.	8226.
8	8407.	8407.	0.	0.	8407.	1455.0	112.	8519.
9	8681.	8681.	0.	0.	8681.	1455.0	126.	8807.
10	9040.	9040.	0.	0.	9040.	1455.0	156.	9196.
11	9223.	9223.	0.	0.	9223.	1455.0	156.	9379.
12	8958.	8958.	0.	0.	8958.	1455.0	156.	9114.
13	8483.	8483.	0.	0.	8483.	1455.0	156.	8639.
14	8221.	8221.	0.	0.	8221.	1455.0	96.	8317.
15	8194.	8194.	0.	0.	8194.	1455.0	88.	8282.
16	8164.	8164.	0.	0.	8164.	1455.0	88.	8252.
17	8135.	8135.	0.	0.	8135.	1455.0	88.	8223.
18	8080.	8080.	0.	0.	8080.	1455.0	101.	8181.
19	8046.	8046.	0.	0.	8046.	1455.0	87.	8133.
20	7998.	7998.	0.	0.	7998.	1455.0	87.	8085.
21	7950.	7950.	0.	0.	7950.	1455.0	87.	8037.
22	7841.	7841.	0.	0.	7841.	1455.0	73.	7914.
23	7458.	7458.	0.	0.	7458.	1455.0	57.	7515.
24	7208.	7208.	0.	0.	7208.	1455.0	57.	7265.
25	6956.	6956.	0.	0.	6956.	1455.0	57.	7013.
26	6811.	6811.	0.	0.	6811.	1455.0	57.	6868.
27	6708.	6708.	0.	0.	6708.	1455.0	55.	6763.
28	6513.	6513.	0.	0.	6513.	1455.0	55.	6568.
29	6315.	6315.	0.	0.	6315.	1455.0	55.	6370.
30	6120.	6120.	0.	0.	6120.	1455.0	55.	6175.
31	5887.	5887.	0.	0.	5887.	1455.0	121.	6008.
32	5832.	5832.	0.	0.	5832.	1455.0	166.	5998.
33	5809.	5809.	0.	0.	5809.	1455.0	227.	6036.
34	5920.	5920.	0.	0.	5920.	1455.0	492.	6412.
35	7095.	7095.	0.	0.	7095.	1455.0	2121.	9216.
36	6990.	7337.	0.	0.	7337.	1454.4	1663.	9000.
37	7931.	7584.	0.	0.	7584.	1455.0	2355.	9939.
38	8011.	7745.	0.	266.	8011.	1455.0	2553.	10564.
39	7448.	7448.	0.	0.	7448.	1455.0	2259.	9707.
40	5711.	7346.	480.	0.	7826.	1451.6	1174.	9000.
41	4833.	7377.	790.	0.	8167.	1445.3	833.	9000.
42	5382.	7420.	515.	0.	7935.	1440.1	1065.	9000.
43	5593.	7497.	349.	0.	7846.	1435.5	1154.	9000.
44	24932.	4605.	0.	10072.	14677.	1455.0	2713.	17390.
45	22572.	4438.	0.	18134.	22572.	1455.0	2499.	25071.
46	17722.	4399.	0.	13323.	17722.	1455.0	1964.	19686.
47	13454.	4297.	0.	9157.	13454.	1455.0	1489.	14943.
48	15784.	4247.	0.	11537.	15784.	1455.0	1545.	17329.
49	18093.	4224.	0.	13869.	18093.	1455.0	793.	18886.
50	12236.	3969.	0.	8267.	12236.	1455.0	535.	12771.
51	10567.	3953.	0.	6614.	10567.	1455.0	462.	11029.
52	12646.	4098.	0.	8549.	12646.	1455.0	554.	13200.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING DEVIL CNYN-GOLD CREEK FLOW	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	10249.	4929.	0.	5320.	10249.	1455.0	894.	11143.
2	9557.	5229.	0.	4328.	9557.	1455.0	833.	10390.
3	7331.	7331.	0.	0.	7331.	1455.0	580.	7911.
4	7481.	7481.	0.	0.	7481.	1455.0	423.	7904.
5	7702.	7702.	0.	0.	7702.	1455.0	360.	8062.
6	7945.	7945.	0.	0.	7945.	1455.0	299.	8244.
7	8128.	8128.	0.	0.	8128.	1455.0	192.	8320.
8	8468.	8468.	0.	0.	8468.	1455.0	234.	8702.
9	8682.	8682.	0.	0.	8682.	1455.0	188.	8870.
10	9031.	9031.	0.	0.	9031.	1455.0	182.	9213.
11	9214.	9214.	0.	0.	9214.	1455.0	182.	9396.
12	8950.	8950.	0.	0.	8950.	1455.0	182.	9132.
13	8476.	8476.	0.	0.	8476.	1455.0	182.	8658.
14	8196.	8196.	0.	0.	8196.	1455.0	110.	8306.
15	8166.	8166.	0.	0.	8166.	1455.0	99.	8265.
16	8136.	8136.	0.	0.	8136.	1455.0	99.	8235.
17	8108.	8108.	0.	0.	8108.	1455.0	99.	8207.
18	8063.	8063.	0.	0.	8063.	1455.0	98.	8161.
19	8054.	8054.	0.	0.	8054.	1455.0	92.	8146.
20	8007.	8007.	0.	0.	8007.	1455.0	92.	8099.
21	7959.	7959.	0.	0.	7959.	1455.0	92.	8051.
22	7852.	7852.	0.	0.	7852.	1455.0	83.	7935.
23	7449.	7449.	0.	0.	7449.	1455.0	50.	7499.
24	7199.	7199.	0.	0.	7199.	1455.0	50.	7249.
25	6947.	6947.	0.	0.	6947.	1455.0	50.	6997.
26	6802.	6802.	0.	0.	6802.	1455.0	50.	6852.
27	6680.	6680.	0.	0.	6680.	1455.0	415.	7095.
28	6486.	6486.	0.	0.	6486.	1455.0	415.	6901.
29	6298.	6298.	0.	0.	6298.	1455.0	671.	6969.
30	6117.	6117.	0.	0.	6117.	1455.0	1116.	7233.
31	6658.	6658.	0.	0.	6658.	1455.0	2447.	9105.
32	6978.	6978.	0.	0.	6978.	1455.0	663.	7641.
33	6778.	6778.	0.	0.	6778.	1455.0	604.	7382.
34	7546.	7546.	0.	0.	7546.	1455.0	1040.	8586.
35	7043.	7043.	0.	0.	7043.	1455.0	1028.	8071.
36	7925.	7957.	0.	0.	7957.	1454.9	2431.	10388.
37	7265.	7233.	0.	0.	7233.	1455.0	1877.	9110.
38	6229.	7472.	0.	0.	7472.	1453.0	1528.	9000.
39	6786.	7211.	0.	0.	7211.	1452.3	1789.	9000.
40	4478.	7398.	487.	0.	7885.	1446.1	1115.	9000.
41	4286.	7457.	534.	0.	7991.	1438.5	1009.	9000.
42	4404.	7523.	381.	0.	7904.	1431.4	1096.	9000.
43	18723.	4551.	3310.	0.	7861.	1452.7	1139.	9000.
44	24005.	4545.	0.	18041.	22586.	1455.0	1638.	24224.
45	20575.	4432.	0.	16143.	20575.	1455.0	1282.	21857.
46	16487.	4396.	0.	12091.	16487.	1455.0	1027.	17514.
47	16972.	4307.	0.	12665.	16972.	1455.0	1057.	18029.
48	20191.	4259.	0.	15932.	20191.	1455.0	1309.	21500.
49	17049.	4220.	0.	12829.	17049.	1455.0	1737.	18786.
50	15531.	3979.	0.	11552.	15531.	1455.0	1583.	17114.
51	12951.	3961.	0.	8990.	12951.	1455.0	1320.	14271.
52	9867.	4087.	0.	5780.	9867.	1455.0	1006.	10873.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1954 1	7420.	6184.	0.	1236.	7420.	1455.0	699.	8119.
2	7010.	7010.	0.	0.	7010.	1455.0	581.	7591.
3	7168.	7168.	0.	0.	7168.	1455.0	426.	7594.
4	7393.	7393.	0.	0.	7393.	1455.0	340.	7733.
5	7541.	7541.	0.	0.	7541.	1455.0	202.	7743.
6	7830.	7830.	0.	0.	7830.	1455.0	186.	8016.
7	8111.	8111.	0.	0.	8111.	1455.0	172.	8283.
8	8398.	8398.	0.	0.	8398.	1455.0	161.	8559.
9	8671.	8671.	0.	0.	8671.	1455.0	153.	8824.
10	9016.	9016.	0.	0.	9016.	1455.0	126.	9142.
11	9200.	9200.	0.	0.	9200.	1455.0	126.	9326.
12	8935.	8935.	0.	0.	8935.	1455.0	126.	9061.
13	8461.	8461.	0.	0.	8461.	1455.0	126.	8587.
14	8187.	8187.	0.	0.	8187.	1455.0	69.	8256.
15	8162.	8162.	0.	0.	8162.	1455.0	64.	8226.
16	8132.	8132.	0.	0.	8132.	1455.0	64.	8196.
17	8104.	8104.	0.	0.	8104.	1455.0	64.	8168.
18	8064.	8064.	0.	0.	8064.	1455.0	66.	8130.
19	8075.	8075.	0.	0.	8075.	1455.0	77.	8152.
20	8027.	8027.	0.	0.	8027.	1455.0	77.	8104.
21	7979.	7979.	0.	0.	7979.	1455.0	77.	8056.
22	7866.	7866.	0.	0.	7866.	1455.0	72.	7938.
23	7466.	7466.	0.	0.	7466.	1455.0	62.	7528.
24	7216.	7216.	0.	0.	7216.	1455.0	62.	7278.
25	6964.	6964.	0.	0.	6964.	1455.0	62.	7026.
26	6818.	6818.	0.	0.	6818.	1455.0	62.	6880.
27	6724.	6724.	0.	0.	6724.	1455.0	285.	7009.
28	6529.	6529.	0.	0.	6529.	1455.0	285.	6814.
29	6361.	6361.	0.	0.	6361.	1455.0	490.	6851.
30	6171.	6171.	0.	0.	6171.	1455.0	524.	6695.
31	6473.	6473.	0.	0.	6473.	1455.0	1155.	7628.
32	7070.	7070.	0.	0.	7070.	1455.0	1152.	8222.
33	7829.	7829.	0.	0.	7829.	1455.0	1865.	9694.
34	8066.	8066.	0.	0.	8066.	1455.0	2140.	10206.
35	7869.	7869.	0.	0.	7869.	1455.0	2170.	10039.
36	7315.	7315.	0.	0.	7315.	1455.0	2012.	9327.
37	7152.	7152.	0.	0.	7152.	1455.0	1932.	9084.
38	6870.	7146.	0.	0.	7146.	1454.6	1854.	9000.
39	7389.	7113.	0.	0.	7113.	1455.0	2252.	9365.
40	6143.	6127.	0.	0.	6127.	1455.0	2873.	9000.
41	5111.	6708.	0.	0.	6708.	1452.5	2292.	9000.
42	4985.	6771.	0.	0.	6771.	1449.5	2229.	9000.
43	5017.	6771.	0.	0.	6771.	1446.0	2229.	9000.
44	7890.	6867.	0.	0.	6867.	1448.0	2133.	9000.
45	19132.	4448.	0.	10586.	15034.	1455.0	377.	15411.
46	23623.	4414.	0.	19209.	23623.	1455.0	377.	24000.
47	23623.	4324.	0.	19299.	23623.	1455.0	377.	24000.
48	22350.	4264.	0.	18086.	22350.	1455.0	650.	23000.
49	14288.	4212.	0.	10076.	14288.	1455.0	1998.	16286.
50	12282.	3968.	0.	8314.	12282.	1455.0	1718.	14000.
51	11456.	3955.	0.	7501.	11456.	1455.0	1601.	13057.
52	7355.	5882.	0.	1473.	7355.	1455.0	1028.	8383.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW: TURBINE DISCHARGE	DEVIL CANYON OUTFLOW: CONE VALVE ENVIRON. RELEASE	DEVIL CANYON OUTFLOW: CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	6773.	6773.	0.	0.	6773.	1455.0	547.	7320.
2	7043.	7043.	0.	0.	7043.	1455.0	516.	7559.
3	7205.	7205.	0.	0.	7205.	1455.0	389.	7594.
4	7515.	7515.	0.	0.	7515.	1455.0	389.	7904.
5	7660.	7660.	0.	0.	7660.	1455.0	370.	8030.
6	7901.	7901.	0.	0.	7901.	1455.0	363.	8264.
7	8182.	8182.	0.	0.	8182.	1455.0	342.	8524.
8	8450.	8450.	0.	0.	8450.	1455.0	303.	8753.
9	8728.	8728.	0.	0.	8728.	1455.0	274.	9002.
10	9086.	9086.	0.	0.	9086.	1455.0	205.	9291.
11	9265.	9265.	0.	0.	9265.	1455.0	201.	9466.
12	8978.	8978.	0.	0.	8978.	1455.0	177.	9155.
13	8504.	8504.	0.	0.	8504.	1455.0	177.	8681.
14	8261.	8261.	0.	0.	8261.	1455.0	148.	8409.
15	8237.	8237.	0.	0.	8237.	1455.0	145.	8382.
16	8184.	8184.	0.	0.	8184.	1455.0	125.	8309.
17	8146.	8146.	0.	0.	8146.	1455.0	117.	8263.
18	8106.	8106.	0.	0.	8106.	1455.0	113.	8219.
19	8116.	8116.	0.	0.	8116.	1455.0	120.	8236.
20	8067.	8067.	0.	0.	8067.	1455.0	120.	8187.
21	8019.	8019.	0.	0.	8019.	1455.0	120.	8139.
22	7898.	7898.	0.	0.	7898.	1455.0	118.	8016.
23	7476.	7476.	0.	0.	7476.	1455.0	90.	7566.
24	7225.	7225.	0.	0.	7225.	1455.0	90.	7315.
25	6973.	6973.	0.	0.	6973.	1455.0	90.	7063.
26	6827.	6827.	0.	0.	6827.	1455.0	90.	6917.
27	6739.	6739.	0.	0.	6739.	1455.0	238.	6977.
28	6543.	6543.	0.	0.	6543.	1455.0	238.	6781.
29	6345.	6345.	0.	0.	6345.	1455.0	238.	6583.
30	6150.	6150.	0.	0.	6150.	1455.0	238.	6388.
31	6118.	6118.	0.	0.	6118.	1455.0	420.	6538.
32	6141.	6141.	0.	0.	6141.	1455.0	350.	6491.
33	6143.	6143.	0.	0.	6143.	1455.0	408.	6551.
34	7067.	7067.	0.	0.	7067.	1455.0	1223.	8290.
35	7156.	7156.	0.	0.	7156.	1455.0	1475.	8631.
36	5421.	7794.	0.	0.	7794.	1451.2	1206.	9000.
37	7290.	7032.	0.	0.	7032.	1451.6	1968.	9000.
38	7542.	6865.	0.	0.	6865.	1452.7	2135.	9000.
39	6947.	7002.	0.	0.	7002.	1452.6	1998.	9000.
40	5900.	7372.	236.	0.	7608.	1449.9	1392.	9000.
41	5347.	7390.	447.	0.	7837.	1444.8	1163.	9000.
42	4725.	7439.	663.	0.	8102.	1437.9	898.	9000.
43	17812.	4522.	0.	4222.	8744.	1455.0	1075.	9819.
44	22103.	4536.	0.	17567.	22103.	1455.0	511.	22614.
45	20433.	4433.	0.	16000.	20433.	1455.0	467.	20900.
46	20965.	4409.	0.	16556.	20965.	1455.0	478.	21443.
47	25488.	4331.	0.	21157.	25488.	1455.0	583.	26071.
48	32358.	4295.	0.	28063.	32358.	1455.0	1052.	33410.
49	22442.	2696.	0.	19747.	22442.	1455.0	1062.	23504.
50	14219.	2342.	0.	11877.	14219.	1455.0	810.	15029.
51	11555.	2270.	0.	9285.	11555.	1455.0	659.	12214.
52	9100.	2454.	0.	6646.	9100.	1455.0	519.	9619.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1956 1	6868.	6259.	0.	609.	6868.	1455.0	368.	7236.
2	6734.	6734.	0.	0.	6734.	1455.0	272.	7006.
3	6986.	6986.	0.	0.	6986.	1455.0	222.	7208.
4	7260.	7260.	0.	0.	7260.	1455.0	190.	7450.
5	7457.	7457.	0.	0.	7457.	1455.0	161.	7618.
6	7738.	7738.	0.	0.	7738.	1455.0	162.	7900.
7	8025.	8025.	0.	0.	8025.	1455.0	148.	8173.
8	8313.	8313.	0.	0.	8313.	1455.0	130.	8443.
9	8595.	8595.	0.	0.	8595.	1455.0	116.	8711.
10	8982.	8982.	0.	0.	8982.	1455.0	103.	9085.
11	9167.	9167.	0.	0.	9167.	1455.0	103.	9270.
12	8922.	8922.	0.	0.	8922.	1455.0	103.	9025.
13	8448.	8448.	0.	0.	8448.	1455.0	103.	8551.
14	8174.	8174.	0.	0.	8174.	1455.0	68.	8242.
15	8148.	8148.	0.	0.	8148.	1455.0	67.	8215.
16	8119.	8119.	0.	0.	8119.	1455.0	67.	8186.
17	8092.	8092.	0.	0.	8092.	1455.0	67.	8159.
18	8062.	8062.	0.	0.	8062.	1455.0	62.	8124.
19	8089.	8089.	0.	0.	8089.	1455.0	78.	8167.
20	8041.	8041.	0.	0.	8041.	1455.0	78.	8119.
21	7993.	7993.	0.	0.	7993.	1455.0	78.	8071.
22	7884.	7884.	0.	0.	7884.	1455.0	78.	7962.
23	7511.	7511.	0.	0.	7511.	1455.0	91.	7602.
24	7259.	7259.	0.	0.	7259.	1455.0	91.	7350.
25	7007.	7007.	0.	0.	7007.	1455.0	91.	7098.
26	6861.	6861.	0.	0.	6861.	1455.0	91.	6952.
27	6756.	6756.	0.	0.	6756.	1455.0	180.	6936.
28	6560.	6560.	0.	0.	6560.	1455.0	180.	6740.
29	6362.	6362.	0.	0.	6362.	1455.0	180.	6542.
30	6168.	6168.	0.	0.	6168.	1455.0	180.	6348.
31	6037.	6037.	0.	0.	6037.	1455.0	294.	6331.
32	6747.	6747.	0.	0.	6747.	1455.0	945.	7692.
33	7104.	7104.	0.	0.	7104.	1455.0	1349.	8453.
34	8812.	8101.	0.	711.	8812.	1455.0	2684.	11496.
35	7453.	7453.	0.	0.	7453.	1455.0	1926.	9379.
36	7433.	7433.	0.	0.	7433.	1455.0	2283.	9716.
37	8069.	7852.	0.	217.	8069.	1455.0	2970.	11039.
38	7146.	7146.	0.	0.	7146.	1455.0	2181.	9327.
39	6590.	7077.	0.	0.	7077.	1454.2	1923.	9000.
40	5811.	7348.	1.	0.	7349.	1451.8	1651.	9000.
41	8451.	4655.	2544.	0.	7199.	1453.8	1801.	9000.
42	30181.	4596.	0.	24812.	29408.	1455.0	1819.	31227.
43	29454.	4504.	0.	24950.	29454.	1455.0	1775.	31229.
44	29030.	4552.	0.	24478.	29030.	1455.0	2399.	31429.
45	26510.	4447.	0.	22063.	26510.	1455.0	2261.	28771.
46	23956.	4415.	0.	19541.	23956.	1455.0	2044.	26000.
47	19099.	4312.	0.	14787.	19099.	1455.0	1630.	20729.
48	16306.	4248.	0.	12058.	16306.	1455.0	1408.	17714.
49	14339.	4212.	0.	10127.	14339.	1455.0	1661.	16000.
50	20101.	3990.	0.	16111.	20101.	1455.0	2328.	22429.
51	19588.	3979.	0.	15609.	19588.	1455.0	2269.	21857.
52	12547.	4096.	0.	8451.	12547.	1455.0	1453.	14000.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1957 1	6821.	6821.	0.	0.	6821.	1455.0	623.	7444.
2	7130.	7130.	0.	0.	7130.	1455.0	623.	7753.
3	7217.	7217.	0.	0.	7217.	1455.0	424.	7641.
4	7491.	7491.	0.	0.	7491.	1455.0	390.	7881.
5	7663.	7663.	0.	0.	7663.	1455.0	358.	8021.
6	7916.	7916.	0.	0.	7916.	1455.0	345.	8261.
7	8199.	8199.	0.	0.	8199.	1455.0	331.	8530.
8	8480.	8480.	0.	0.	8480.	1455.0	313.	8793.
9	8751.	8751.	0.	0.	8751.	1455.0	286.	9037.
10	9063.	9063.	0.	0.	9063.	1455.0	187.	9250.
11	9239.	9239.	0.	0.	9239.	1455.0	182.	9421.
12	8945.	8945.	0.	0.	8945.	1455.0	149.	9094.
13	8471.	8471.	0.	0.	8471.	1455.0	149.	8620.
14	8214.	8214.	0.	0.	8214.	1455.0	115.	8329.
15	8187.	8187.	0.	0.	8187.	1455.0	112.	8299.
16	8157.	8157.	0.	0.	8157.	1455.0	112.	8269.
17	8127.	8127.	0.	0.	8127.	1455.0	112.	8239.
18	8088.	8088.	0.	0.	8088.	1455.0	105.	8193.
19	8095.	8095.	0.	0.	8095.	1455.0	104.	8199.
20	8047.	8047.	0.	0.	8047.	1455.0	104.	8151.
21	7998.	7998.	0.	0.	7998.	1455.0	104.	8102.
22	7879.	7879.	0.	0.	7879.	1455.0	108.	7987.
23	7487.	7487.	0.	0.	7487.	1455.0	112.	7599.
24	7236.	7236.	0.	0.	7236.	1455.0	112.	7348.
25	6984.	6984.	0.	0.	6984.	1455.0	112.	7096.
26	6839.	6839.	0.	0.	6839.	1455.0	112.	6951.
27	6733.	6733.	0.	0.	6733.	1455.0	226.	6959.
28	6537.	6537.	0.	0.	6537.	1455.0	226.	6763.
29	6340.	6340.	0.	0.	6340.	1455.0	226.	6566.
30	6145.	6145.	0.	0.	6145.	1455.0	226.	6371.
31	6074.	6074.	0.	0.	6074.	1455.0	416.	6490.
32	6207.	6207.	0.	0.	6207.	1455.0	517.	6724.
33	6454.	6454.	0.	0.	6454.	1455.0	843.	7297.
34	7399.	7399.	0.	0.	7399.	1455.0	1887.	9286.
35	8290.	8025.	0.	265.	8290.	1455.0	2728.	11018.
36	7354.	7354.	0.	0.	7354.	1455.0	1954.	9308.
37	6832.	7273.	0.	0.	7273.	1454.3	1727.	9000.
38	6123.	7468.	0.	0.	7468.	1452.2	1532.	9000.
39	4874.	7670.	283.	0.	7952.	1446.5	1048.	9000.
40	4877.	7470.	311.	0.	7781.	1440.6	1219.	9000.
41	4677.	7523.	357.	0.	7880.	1434.1	1120.	9000.
42	6326.	5834.	1910.	0.	7744.	1431.2	1256.	9000.
43	24581.	4560.	0.	7633.	12192.	1455.0	1362.	13554.
44	19770.	4529.	0.	15241.	19770.	1455.0	1187.	20957.
45	19771.	4431.	0.	15340.	19771.	1455.0	1172.	20943.
46	19663.	4405.	0.	15258.	19663.	1455.0	1166.	20829.
47	18031.	4310.	0.	13721.	18031.	1455.0	1069.	19100.
48	19953.	4259.	0.	15695.	19953.	1455.0	1190.	21143.
49	17237.	4221.	0.	13017.	17237.	1455.0	1677.	18914.
50	18813.	3987.	0.	14826.	18813.	1455.0	1830.	20643.
51	18292.	3976.	0.	14316.	18292.	1455.0	1779.	20071.
52	17567.	4112.	0.	13455.	17567.	1455.0	1708.	19275.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE ENVIRON. RELEASE (CFS)	VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1958 1	9403.	4925.	0.	4478.	9403.	1455.0	930.	10333.
2	8067.	6367.	0.	1700.	8067.	1455.0	797.	8864.
3	7408.	7408.	0.	0.	7408.	1455.0	651.	8059.
4	7736.	7736.	0.	0.	7736.	1455.0	670.	8406.
5	7804.	7804.	0.	0.	7804.	1455.0	544.	8348.
6	8025.	8025.	0.	0.	8025.	1455.0	500.	8525.
7	8261.	8261.	0.	0.	8261.	1455.0	427.	8688.
8	8497.	8497.	0.	0.	8497.	1455.0	350.	8847.
9	8815.	8815.	0.	0.	8815.	1455.0	365.	9180.
10	9347.	9347.	0.	0.	9347.	1455.0	446.	9793.
11	9458.	9458.	0.	0.	9458.	1455.0	380.	9838.
12	9090.	9090.	0.	0.	9090.	1455.0	284.	9374.
13	8561.	8561.	0.	0.	8561.	1455.0	231.	8792.
14	8283.	8283.	0.	0.	8283.	1455.0	201.	8484.
15	8232.	8232.	0.	0.	8232.	1455.0	176.	8408.
16	8178.	8178.	0.	0.	8178.	1455.0	154.	8332.
17	8140.	8140.	0.	0.	8140.	1455.0	146.	8286.
18	8079.	8079.	0.	0.	8079.	1455.0	126.	8205.
19	8058.	8058.	0.	0.	8058.	1455.0	110.	8168.
20	7998.	7998.	0.	0.	7998.	1455.0	99.	8097.
21	7942.	7942.	0.	0.	7942.	1455.0	91.	8033.
22	7835.	7835.	0.	0.	7835.	1455.0	89.	7924.
23	7433.	7433.	0.	0.	7433.	1455.0	62.	7495.
24	7181.	7181.	0.	0.	7181.	1455.0	61.	7242.
25	6926.	6926.	0.	0.	6926.	1455.0	58.	6984.
26	6781.	6781.	0.	0.	6781.	1455.0	58.	6839.
27	6701.	6701.	0.	0.	6701.	1455.0	129.	6830.
28	6513.	6513.	0.	0.	6513.	1455.0	145.	6658.
29	6321.	6321.	0.	0.	6321.	1455.0	158.	6479.
30	6143.	6143.	0.	0.	6143.	1455.0	191.	6334.
31	6054.	6054.	0.	0.	6054.	1455.0	439.	6493.
32	6268.	6268.	0.	0.	6268.	1455.0	833.	7101.
33	6427.	6427.	0.	0.	6427.	1455.0	1165.	7592.
34	7091.	7091.	0.	0.	7091.	1455.0	2219.	9310.
35	7106.	7106.	0.	0.	7106.	1455.0	2054.	9160.
36	5554.	7980.	137.	0.	8116.	1450.9	884.	9000.
37	5480.	7935.	181.	0.	8116.	1445.8	884.	9000.
38	5074.	7908.	330.	0.	8238.	1439.4	762.	9000.
39	4807.	7855.	449.	0.	8304.	1432.2	696.	9000.
40	4891.	7248.	0.	0.	7248.	1427.4	1752.	9000.
41	4890.	7248.	0.	0.	7248.	1422.6	1752.	9000.
42	4893.	7248.	0.	0.	7248.	1417.8	1752.	9000.
43	16882.	0.	7280.	0.	7280.	1437.4	1720.	9000.
44	33460.	4620.	0.	19511.	24131.	1455.0	1859.	25990.
45	30364.	3154.	0.	27210.	30364.	1455.0	532.	30896.
46	20048.	3068.	0.	16980.	20048.	1455.0	395.	20443.
47	16251.	2916.	0.	13335.	16251.	1455.0	320.	16571.
48	11239.	2769.	0.	8470.	11239.	1455.0	318.	11557.
49	7737.	4207.	0.	3530.	7737.	1455.0	763.	8500.
50	7737.	4470.	0.	3267.	7737.	1455.0	763.	8500.
51	6151.	6151.	0.	0.	6151.	1455.0	592.	6743.
52	6249.	6249.	0.	0.	6249.	1455.0	593.	6842.

TABLE 27 (Continued,

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	6608.	6608.	0.	0.	6608.	1455.0	451.	7059.
2	6857.	6857.	0.	0.	6857.	1455.0	398.	7255.
3	7149.	7149.	0.	0.	7149.	1455.0	381.	7530.
4	7331.	7331.	0.	0.	7331.	1455.0	264.	7595.
5	752..	7521.	0.	0.	7521.	1455.0	216.	7737.
6	7795.	7795.	0.	0.	7795.	1455.0	212.	8007.
7	8066.	8066.	0.	0.	8066.	1455.0	179.	8245.
8	8333.	8333.	0.	0.	8333.	1455.0	137.	8470.
9	8610.	8610.	0.	0.	8610.	1455 0	124.	873-.
10	8994.	8994.	0.	0.	8994.	1455.0	115.	9109.
11	9189.	9189.	0.	0.	9189.	1455.0	128.	9317.
12	9006.	9006.	0.	0.	9006.	1455.0	201.	9207.
13	8531.	8531.	0.	0.	8531.	1455.0	201.	8732.
14	8250.	8250.	0.	0.	8250.	1455.0	154.	8404.
15	8221.	8221.	0.	0.	8221.	1455.0	149.	8370.
16	8186.	8186.	0.	0.	8186.	1455.0	141.	8327.
17	8155.	8155.	0.	0.	8155.	1455.0	138.	8293.
18	8122.	8122.	0.	0.	8122.	1455.0	124.	8246.
19	8143.	8143.	0.	0.	8143.	1455.0	122.	8265.
20	8090.	8090.	0.	0.	8090.	1455.0	117.	8207.
21	8028.	8028.	0.	0.	8028.	1455.0	104.	8132.
22	7911.	7911.	0.	0.	7911.	1455.0	109.	8020.
23	7518.	7518.	0.	0.	7518.	1455.0	115.	7633.
24	7267.	7267.	0.	0.	7267.	1455.0	115.	7382.
25	7014.	7014.	0.	0.	7014.	1455.0	115.	7129.
26	6869.	6869.	0.	0.	6869.	1455.0	115.	6984.
27	6770.	6770.	0.	0.	6770.	1455.0	169.	6939.
28	6574.	6574.	0.	0.	6574.	1455.0	169.	6743.
29	6413.	6413.	0.	0.	6413.	1455.0	242.	6655.
30	6224.	6224.	0.	0.	6224.	1455.0	254.	6478.
31	6160.	6160.	0.	0.	6160.	1455.0	386.	6546.
32	6292.	6292.	0.	0.	6292.	1455.0	500.	6792.
33	8060.	8060.	0.	0.	8060.	1455.0	2139.	10199.
34	9816.	8106.	0.	1710.	9816.	1455.0	3031.	12847.
35	8521.	8026.	0.	495.	8521.	1455.0	2677.	11198.
36	7178.	7178.	0.	0.	7178.	1455.0	2169.	9347.
37	5994.	7379.	0.	0.	7379.	1452.8	1621.	9000.
38	6616.	7068.	0.	0.	7068.	1452.1	1932.	9000.
39	6969.	6840.	0.	0.	6840.	1452.3	2160.	9000.
40	5858.	7245.	0.	0.	7245.	1450.1	1755.	9000.
41	5649.	7316.	0.	0.	7316.	1446.7	1684.	9000.
42	5980.	7175.	0.	0.	7175.	1444.3	1825.	9000.
43	5144.	7443.	116.	0.	7559.	1439.3	1441.	9000.
44	6981.	7057.	0.	0.	7057.	1439.2	1943.	9000.
45	13176.	4474.	3085.	0.	7559.	1450.5	1441.	9000.
46	22064.	4421.	0.	14811.	19232.	1455.0	1850.	21082.
47	36618.	4358.	0.	32259.	36618.	1455.0	3415.	40033.
48	38045.	2828.	0.	35217.	38045.	1455.0	3408.	41453.
49	31691.	2710.	0.	28981.	31691.	1455.0	2865.	34556.
50	13349.	2337.	0.	11012.	13349.	1455.0	1480.	14829.
51	10026.	2974.	0.	7052.	10026.	1455.0	1111.	11137.
52	9459.	3719.	0.	5740.	9459.	1455.0	1047.	10506.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1960 1	10007.	3408.	0.	6599.	10007.	1455.0	707.	10714.
2	6957.	6957.	0.	0.	6957.	1455.0	487.	7444.
3	7025.	7025.	0.	0.	7025.	1455.0	268.	7293.
4	7408.	7408.	0.	0.	7408.	1455.0	335.	7743.
5	7579.	7579.	0.	0.	7579.	1455.0	294.	7873.
6	7843.	7843.	0.	0.	7843.	1455.0	284.	8127.
7	8128.	8128.	0.	0.	8128.	1455.0	272.	8400.
8	8411.	8411.	0.	0.	8411.	1455.0	256.	8667.
9	8687.	8687.	0.	0.	8687.	1455.0	235.	8922.
10	9058.	9058.	0.	0.	9058.	1455.0	205.	9263.
11	9241.	9241.	0.	0.	9241.	1455.0	205.	9446.
12	8977.	8977.	0.	0.	8977.	1455.0	205.	9182.
13	8521.	8521.	0.	0.	8521.	1455.0	205.	8726.
14	8266.	8266.	0.	0.	8266.	1455.0	172.	8438.
15	8240.	8240.	0.	0.	8240.	1455.0	165.	8405.
16	8191.	8191.	0.	0.	8191.	1455.0	149.	8340.
17	8154.	8154.	0.	0.	8154.	1455.0	141.	8295.
18	8111.	8111.	0.	0.	8111.	1455.0	140.	8251.
19	8093.	8093.	0.	0.	8093.	1455.0	122.	8215.
20	8043.	8043.	0.	0.	8043.	1455.0	120.	8163.
21	7988.	7988.	0.	0.	7988.	1455.0	114.	8102.
22	7878.	7878.	0.	0.	7878.	1455.0	110.	7988.
23	7483.	7483.	0.	0.	7483.	1455.0	95.	7578.
24	7228.	7228.	0.	0.	7228.	1455.0	91.	7319.
25	6966.	6966.	0.	0.	6966.	1455.0	81.	7047.
26	6821.	6821.	0.	0.	6821.	1455.0	81.	6902.
27	6710.	6710.	0.	0.	6710.	1455.0	310.	7020.
28	6515.	6515.	0.	0.	6515.	1455.0	310.	6825.
29	6332.	6332.	0.	0.	6332.	1455.0	408.	6740.
30	6141.	6141.	0.	0.	6141.	1455.0	423.	6564.
31	6121.	6121.	0.	0.	6121.	1455.0	512.	6633.
32	6163.	6163.	0.	0.	6163.	1455.0	34.	6197.
33	6517.	6517.	0.	0.	6517.	1455.0	69.	6586.
34	6932.	6932.	0.	0.	6932.	1455.0	107.	7039.
35	6922.	6922.	0.	0.	6922.	1455.0	762.	7684.
36	4569.	7771.	0.	0.	7771.	1449.9	1229.	9000.
37	4572.	7724.	0.	0.	7724.	1443.5	1276.	9000.
38	4584.	7679.	0.	0.	7679.	1437.2	1321.	9000.
39	4707.	7548.	0.	0.	7548.	1431.4	1452.	9000.
40	5007.	7681.	546.	0.	8227.	1424.8	773.	9000.
41	4406.	7753.	673.	0.	8426.	1416.6	574.	9000.
42	4630.	7831.	510.	0.	8341.	1409.1	659.	9000.
43	6101.	6952.	1145.	0.	8097.	1405.0	903.	9000.
44	7369.	7011.	0.	0.	7011.	1405.7	1989.	9000.
45	21811.	0.	6975.	0.	6975.	1435.9	2025.	9000.
46	20681.	4457.	0.	6181.	10638.	1455.0	1790.	12428.
47	19984.	4315.	0.	15669.	19984.	1455.0	1730.	21714.
48	19226.	4256.	0.	14970.	19226.	1455.0	1631.	20857.
49	16823.	4220.	0.	12603.	16823.	1455.0	1491.	18314.
50	26586.	4008.	0.	22578.	26586.	1455.0	2357.	28943.
51	18844.	3978.	0.	14866.	18844.	1455.0	1670.	20514.
52	14112.	4102.	0.	10010.	14112.	1455.0	1250.	15362.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1961 1	11591.	4935.	0.	6656.	11591.	1455.0	938.	12529.
2	8418.	5723.	0.	2695.	8418.	1455.0	682.	9100.
3	7246.	7246.	0.	0.	7246.	1455.0	485.	7731.
4	7420.	7420.	0.	0.	7420.	1455.0	354.	7774.
5	7610.	7610.	0.	0.	7610.	1455.0	317.	7927.
6	7887.	7887.	0.	0.	7887.	1455.0	319.	8206.
7	8163.	8163.	0.	0.	8163.	1455.0	294.	8457.
8	8432.	8432.	0.	0.	8432.	1455.0	261.	8693.
9	8722.	8722.	0.	0.	8722.	1455.0	249.	8971.
10	9165.	9165.	0.	0.	9165.	1455.0	266.	9431.
11	9340.	9340.	0.	0.	9340.	1455.0	260.	9600.
12	9042.	9042.	0.	0.	9042.	1455.0	229.	9271.
13	8567.	8567.	0.	0.	8567.	1455.0	229.	8796.
14	8322.	8322.	0.	0.	8322.	1455.0	203.	8525.
15	8295.	8295.	0.	0.	8295.	1455.0	197.	8492.
16	8270.	8270.	0.	0.	8270.	1455.0	203.	8473.
17	8242.	8242.	0.	0.	8242.	1455.0	206.	8448.
18	8174.	8174.	0.	0.	8174.	1455.0	212.	8386.
19	8125.	8125.	0.	0.	8125.	1455.0	196.	8321.
20	8072.	8072.	0.	0.	8072.	1455.0	193.	8265.
21	8017.	8017.	0.	0.	8017.	1455.0	184.	8201.
22	7906.	7906.	0.	0.	7906.	1455.0	168.	8074.
23	7518.	7518.	0.	0.	7518.	1455.0	148.	7666.
24	7281.	7281.	0.	0.	7281.	1455.0	166.	7447.
25	7067.	7067.	0.	0.	7067.	1455.0	209.	7276.
26	6920.	6920.	0.	0.	6920.	1455.0	209.	7129.
27	6841.	6841.	0.	0.	6841.	1455.0	504.	7345.
28	6644.	6644.	0.	0.	6644.	1455.0	504.	7148.
29	6466.	6466.	0.	0.	6466.	1455.0	556.	7022.
30	6273.	6273.	0.	0.	6273.	1455.0	565.	6838.
31	6288.	6288.	0.	0.	6288.	1455.0	648.	6936.
32	6606.	6606.	0.	0.	6606.	1455.0	613.	7219.
33	7205.	7205.	0.	0.	7205.	1455.0	1060.	8265.
34	7042.	7042.	0.	0.	7042.	1455.0	1010.	8052.
35	6913.	6913.	0.	0.	6913.	1455.0	1186.	8099.
36	6348.	7354.	0.	0.	7354.	1453.4	1646.	9000.
37	8121.	7115.	0.	0.	7115.	1455.0	2688.	9803.
38	8540.	7748.	0.	792.	8540.	1455.0	3357.	11897.
39	7562.	7599.	0.	0.	7599.	1454.9	2821.	10420.
40	5716.	7299.	0.	0.	7299.	1452.4	1701.	9000.
41	8402.	4646.	2568.	0.	7214.	1454.3	1786.	9000.
42	23150.	4576.	0.	18141.	22718.	1455.0	1850.	24567.
43	23984.	4490.	0.	19494.	23984.	1455.0	1916.	25900.
44	24592.	4542.	0.	20050.	24592.	1455.0	1051.	25643.
45	25061.	4445.	0.	20616.	25061.	1455.0	939.	26000.
46	21399.	4410.	0.	16989.	21399.	1455.0	801.	22200.
47	20310.	4317.	0.	15993.	20310.	1455.0	761.	21071.
48	15053.	4246.	0.	10807.	15053.	1455.0	604.	15657.
49	11262.	4202.	0.	7060.	11262.	1455.0	1167.	12429.
50	12778.	3970.	0.	8808.	12778.	1455.0	1322.	14100.
51	12169.	3959.	0.	8211.	12169.	1455.0	1260.	13429.
52	12256.	4096.	0.	8160.	12256.	1455.0	1269.	13525.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1962 1	9801.	4928.	0.	4873.	9801.	1455.0	628.	10429.
2	6793.	6793.	0.	0.	6793.	1455.0	276.	7069.
3	7104.	7104.	0.	0.	7104.	1455.0	276.	7380.
4	7413.	7413.	0.	0.	7413.	1455.0	276.	7689.
5	7534.	7534.	0.	0.	7534.	1455.0	240.	7774.
6	7789.	7789.	0.	0.	7789.	1455.0	242.	8031.
7	8084.	8084.	0.	0.	8084.	1455.0	242.	8326.
8	8381.	8381.	0.	0.	8381	1455.0	242.	8623.
9	8658.	8658.	0.	0.	8658.	1455.0	208.	8866.
10	9021.	9021.	0.	0.	9021.	1455.0	140.	9161.
11	9203.	9203.	0.	0.	9203.	1455.0	140.	9343.
12	8937.	8937.	0.	0.	8937.	1455.0	140.	9077.
13	8462.	8462.	0.	0.	8462.	1455.0	140.	8602.
14	8205.	8205.	0.	0.	8205.	1455.0	92.	8297.
15	8179.	8179.	0.	0.	8179.	1455.0	85.	8264.
16	8149.	8149.	0.	0.	8149.	1455.0	85.	8234.
17	8118.	8118.	0.	0.	8118.	1455.0	85.	8203.
18	8075.	8075.	0.	0.	8075.	1455.0	95.	8170.
19	8072.	8072.	0.	0.	8072.	1455.0	108.	8180.
20	8023.	8023.	0.	0.	8023.	1455.0	108.	8131.
21	7974.	7974.	0.	0.	7974.	1455.0	108.	8082.
22	7864.	7864.	0.	0.	7864.	1455.0	98.	7962.
23	7475.	7475.	0.	0.	7475.	1455.0	84.	7559.
24	7223.	7223.	0.	0.	7223.	1455.0	84.	7307.
25	6971.	6971.	0.	0.	6971.	1455.0	84.	7055.
26	6825.	6825.	0.	0.	6825.	1455.0	84.	6909.
27	6739.	6739.	0.	0.	6739.	1455.0	214.	6953.
28	6542.	6542.	0.	0.	6542.	1455.0	214.	6756.
29	6344.	6344.	0.	0.	6344.	1455.0	214.	6558.
30	6148.	6148.	0.	0.	6148.	1455.0	214.	6362.
31	5904.	5904.	0.	0.	5904.	1455.0	309.	6213.
32	5843.	5843.	0.	0.	5843.	1455.0	327.	6170.
33	6016.	6016.	0.	0.	6016.	1455.0	889.	6905.
34	6119.	6119.	0.	0.	6119.	1455.0	1310.	7429.
35	6397.	6397.	0.	0.	6397.	1455.0	1649.	8046.
36	6793.	7590.	0.	0.	7590.	1453.7	1410.	9000.
37	9546.	7863.	0.	886.	8749.	1455.0	2733.	11482.
38	8503.	7748.	0.	755.	8503.	1455.0	2338.	10841.
39	9098.	4941.	0.	4157.	9098.	1455.0	1655.	10753.
40	26163.	4759.	0.	21404.	26163.	1455.0	1023.	27186.
41	25543.	4683.	0.	20860.	25543.	1455.0	1000.	26543.
42	22258.	4574.	0.	17684.	22258.	1455.0	871.	23129.
43	26163.	4498.	0.	21666.	26163.	1455.0	1023.	27186.
44	24614.	4542.	0.	20072.	24614.	1455.0	1443.	26057.
45	21799.	4436.	0.	17363.	21799.	1455.0	1201.	23000.
46	21799.	4410.	0.	17389.	21799.	1455.0	1201.	23000.
47	21799.	4320.	0.	17479.	21799.	1455.0	1201.	23000.
48	22209.	4265.	0.	17945.	22209.	1455.0	1220.	23429.
49	22008.	4234.	0.	17774.	22008.	1455.0	1563.	23571.
50	13899.	3974.	0.	9925.	13899.	1455.0	987.	14886.
51	11257.	3956.	0.	7301.	11257.	1455.0	800.	12057.
52	11332.	4093.	0.	7239.	11332.	1455.0	805.	12137.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1963 1	8737.	4923.	0.	3814.	8737.	1455.0	413.	9150.
2	6869.	6869.	0.	0.	6869.	1455.0	314.	7183.
3	7123.	7123.	0.	0.	7123.	1455.0	274.	7397.
4	7395.	7395.	0.	0.	7395.	1455.0	248.	7643.
5	7468.	7468.	0.	0.	7468.	1455.0	178.	7646.
6	7735.	7735.	0.	0.	7735.	1455.0	193.	7928.
7	8029.	8029.	0.	0.	8029.	1455.0	193.	8222.
8	8325.	8325.	0.	0.	8325.	1455.0	193.	8518.
9	8601.	8601.	0.	0.	8601.	1455.0	161.	8762.
10	8993.	8993.	0.	0.	8993.	1455.0	128.	9121.
11	9176.	9176.	0.	0.	9176.	1455.0	128.	9304.
12	8910.	8910.	0.	0.	8910.	1455.0	128.	9038.
13	8436.	8436.	0.	0.	8436.	1455.0	128.	8564.
14	8196.	8196.	0.	0.	8196.	1455.0	117.	8313.
15	8169.	8169.	0.	0.	8169.	1455.0	110.	8279.
16	8139.	8139.	0.	0.	8139.	1455.0	110.	8249.
17	8109.	8109.	0.	0.	8109.	1455.0	110.	8219.
18	8071.	8071.	0.	0.	8071.	1455.0	92.	8163.
19	8093.	8093.	0.	0.	8093.	1455.0	86.	8179.
20	8044.	8044.	0.	0.	8044.	1455.0	86.	8130.
21	7995.	7995.	0.	0.	7995.	1455.0	86.	8081.
22	7866.	7866.	0.	0.	7866.	1455.0	98.	7964.
23	7426.	7426.	0.	0.	7426.	1455.0	67.	7493.
24	7175.	7175.	0.	0.	7175.	1455.0	67.	7242.
25	6924.	6924.	0.	0.	6924.	1455.0	67.	6991.
26	6778.	6778.	0.	0.	6778.	1455.0	67.	6845.
27	6663.	6663.	0.	0.	6663.	1455.0	137.	6800.
28	6468.	6468.	0.	0.	6468.	1455.0	137.	6605.
29	6271.	6271.	0.	0.	6271.	1455.0	137.	6408.
30	6077.	6077.	0.	0.	6077.	1455.0	137.	6214.
31	5955.	5955.	0.	0.	5955.	1455.0	206.	6161.
32	5935.	5935.	0.	0.	5935.	1455.0	80.	6015.
33	6936.	6936.	0.	0.	6936.	1455.0	457.	7393.
34	7656.	7656.	0.	0.	7656.	1455.0	739.	8395.
35	7879.	7879.	0.	0.	7879.	1455.0	1631.	9510.
36	7122.	7122.	0.	0.	7122.	1455.0	2617.	9739.
37	7036.	7036.	0.	0.	7036.	1455.0	2617.	9653.
38	6951.	6951.	0.	0.	6951.	1455.0	2617.	9568.
39	6839.	6839.	0.	0.	6839.	1455.0	2617.	9456.
40	6548.	6765.	0.	0.	6765.	1454.7	2235.	9000.
41	14579.	4667.	0.	9695.	14362.	1455.0	2889.	17251.
42	33126.	4602.	0.	28525.	33126.	1455.0	2736.	35862.
43	32515.	4511.	0.	28004.	32515.	1455.0	2337.	34852.
44	26872.	4549.	0.	22324.	26872.	1455.0	928.	27800.
45	24729.	4444.	0.	20285.	24729.	1455.0	414.	25143.
46	21455.	4410.	0.	17045.	21455.	1455.0	359.	21814.
47	22691.	4323.	0.	18368.	22691.	1455.0	380.	23071.
48	19122.	4257.	0.	14865.	19122.	1455.0	421.	19543.
49	14318.	4214.	0.	10104.	14318.	1455.0	825.	15143.
50	12804.	3972.	0.	8832.	12804.	1455.0	739.	13543.
51	10239.	3953.	0.	6286.	10239.	1455.0	590.	10829.
52	9083.	4085.	0.	4998.	9083.	1455.0	524.	9607.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1964 1	8327.	4941.	0.	3386.	8327.	1455.0	570.	8897.
2	7011.	6914.	0.	97.	7011.	1455.0	480.	7491.
3	7160.	7160.	0.	0.	7160.	1455.0	392.	7552.
4	7370.	7370.	0.	0.	7370.	1455.0	296.	7666.
5	7539.	7539.	0.	0.	7539.	1455.0	228.	7767.
6	7821.	7821.	0.	0.	7821.	1455.0	226.	8047.
7	8094.	8094.	0.	0.	8094.	1455.0	200.	8294.
8	8364.	8364.	0.	0.	8364.	1455.0	164.	8528.
9	8645.	8645.	0.	0.	8645.	1455.0	153.	8798.
10	9018.	9018.	0.	0.	9018.	1455.0	124.	9142.
11	9198.	9198.	0.	0.	9198.	1455.0	120.	9318.
12	8909.	8909.	0.	0.	8909.	1455.0	95.	9004.
13	8436.	8436.	0.	0.	8436.	1455.0	95.	8531.
14	8177.	8177.	0.	0.	8177.	1455.0	82.	8259.
15	8153.	8153.	0.	0.	8153.	1455.0	80.	8233.
16	8119.	8119.	0.	0.	8119.	1455.0	75.	8194.
17	8088.	8088.	0.	0.	8088.	1455.0	74.	8162.
18	8056.	8056.	0.	0.	8056.	1455.0	66.	8122.
19	8066.	8066.	0.	0.	8066.	1455.0	58.	8124.
20	8016.	8016.	0.	0.	8016.	1455.0	58.	8074.
21	7966.	7966.	0.	0.	7966.	1455.0	54.	8020.
22	7853.	7853.	0.	0.	7853.	1455.0	59.	7912.
23	7464.	7464.	0.	0.	7464.	1455.0	63.	7527.
24	7212.	7212.	0.	0.	7212.	1455.0	60.	7272.
25	6955.	6955.	0.	0.	6955.	1455.0	54.	7009.
26	6810.	6810.	0.	0.	6810.	1455.0	54.	6864.
27	6723.	6723.	0.	0.	6723.	1455.0	36.	6759.
28	6528.	6528.	0.	0.	6528.	1455.0	36.	6564.
29	6334.	6334.	0.	0.	6334.	1455.0	40.	6374.
30	6140.	6140.	0.	0.	6140.	1455.0	40.	6180.
31	5845.	5845.	0.	0.	5845.	1455.0	276.	6121.
32	5772.	5772.	0.	0.	5772.	1455.0	439.	6211.
33	5723.	5723.	0.	0.	5723.	1455.0	591.	6314.
34	5728.	5728.	0.	0.	5728.	1455.0	1309.	7037.
35	6699.	6699.	0.	0.	6699.	1455.0	8961.	15660.
36	10864.	7971.	0.	2893.	10864.	1455.0	546.	11410.
37	8322.	7856.	768.	0.	8624.	1454.5	376.	9000.
38	7355.	7764.	923.	0.	8687.	1452.4	313.	9000.
39	6039.	7667.	1105.	0.	8772.	1447.5	228.	9000.
40	7718.	3930.	3969.	0.	7899.	1447.1	1101.	9000.
41	25009.	4704.	0.	15757.	20460.	1455.0	1134.	21594.
42	23601.	4577.	0.	19024.	23601.	1455.0	1070.	24671.
43	16194.	4471.	0.	11723.	16194.	1455.0	735.	16929.
44	18729.	4527.	0.	203.	18729.	1455.0	1028.	19757.
45	17736.	4426.	0.	11.	17736.	1455.0	993.	18729.
46	14300.	4390.	0.	910.	14300.	1455.0	800.	15100.
47	15247.	4303.	0.	10944.	15247.	1455.0	853.	16100.
48	12880.	4238.	0.	8642.	12880.	1455.0	720.	13600.
49	10489.	4200.	0.	6239.	10489.	1455.0	865.	11354.
50	8548.	3955.	0	593.	8548.	1455.0	705.	9253.
51	8595.	3945.	0	650.	8595.	1455.0	709.	9304.
52	7361.	5357.	0	2004.	7361.	1455.0	607.	7968.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW			END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	DEVIL CANYON-GOLD CREEK	GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1965 1	7044.	6543.	0.	501.	7044.	1455.0	633.	7677.
2	7883.	6410.	0.	1473.	7883.	1455.0	708.	8591.
3	7228.	7228.	0.	0.	7228.	1455.0	464.	7692.
4	7440.	7440.	0.	0.	7440.	1455.0	369.	7809.
5	7508.	7508.	0.	0.	7508.	1455.0	166.	7674.
6	7790.	7790.	0.	0.	7790.	1455.0	149.	7939.
7	8083.	8083.	0.	0.	8083.	1455.0	148.	8231.
8	8395.	8395.	0.	0.	8395.	1455.0	166.	8561.
9	8622.	8622.	0.	0.	8622.	1455.0	127.	8749.
10	8950.	8950.	0.	0.	8950.	1455.0	99.	9049.
11	9129.	9129.	0.	0.	9129.	1455.0	88.	9217.
12	8860.	8860.	0.	0.	8860.	1455.0	80.	8940.
13	8387.	8387.	0.	0.	8387.	1455.0	80.	8467.
14	8138.	8138.	0.	0.	8138.	1455.0	38.	8176.
15	8114.	8114.	0.	0.	8114.	1455.0	32.	8146.
16	8085.	8085.	0.	0.	8085.	1455.0	32.	8117.
17	8057.	8057.	0.	0.	8057.	1455.0	32.	8089.
18	8023.	8023.	0.	0.	8023.	1455.0	37.	8060.
19	8029.	8029.	0.	0.	8029.	1455.0	40.	8069.
20	7981.	7981.	0.	0.	7981.	1455.0	40.	8021.
21	7934.	7934.	0.	0.	7934.	1455.0	40.	7974.
22	7826.	7826.	0.	0.	7826.	1455.0	36.	7862.
23	7445.	7445.	0.	0.	7445.	1455.0	30.	7475.
24	7194.	7194.	0.	0.	7194.	1455.0	30.	7224.
25	6942.	6942.	0.	0.	6942.	1455.0	30.	6972.
26	6797.	6797.	0.	0.	6797.	1455.0	30.	6827.
27	6709.	6709.	0.	0.	6709.	1455.0	65.	6774.
28	6512.	6512.	0.	0.	6512.	1455.0	65.	6577.
29	6323.	6323.	0.	0.	6323.	1455.0	83.	6406.
30	6128.	6128.	0.	0.	6128.	1455.0	86.	6214.
31	5904.	5904.	0.	0.	5904.	1455.0	112.	6016.
32	5999.	5999.	0.	0.	5999.	1455.0	256.	6255.
33	6135.	6135.	0.	0.	6135.	1455.0	446.	6581.
34	6452.	6452.	0.	0.	6452.	1455.0	802.	7254.
35	7235.	7235.	0.	0.	7235.	1455.0	1682.	8917
36	5976.	7543.	0.	0.	7543.	1452.5	1457.	9000.
37	6108.	7445.	0.	0.	7445.	1450.4	1555.	9000.
38	5795.	7513.	0.	0.	7513.	1447.0	1487.	9000.
39	7414.	6812.	0.	0.	6812.	1448.2	2188.	9000.
40	6237.	7101.	0.	0.	7101.	1446.4	1899.	9000.
41	6232.	7084.	0.	0.	7084.	1444.7	1916.	9000.
42	5868.	7216.	0.	0.	7216.	1442.0	1784.	9000.
43	16615.	4507.	0.	5025.	9531.	1455.0	1548.	11079.
44	20872.	4532.	0.	16340.	20872.	1455.0	1357.	22229.
45	18586.	4427.	0.	14159.	18586.	1455.0	1085.	19671.
46	28711.	4428.	0.	24283.	28711.	1455.0	1675.	30386.
47	19247.	4313.	0.	14934.	19247.	1455.0	1124.	20371.
48	10693.	4231.	0.	6462.	10693.	1455.0	650.	11343.
49	15833.	4218.	0.	11615.	15833.	1455.0	1016.	16849.
50	19452.	3991.	0.	15461.	19452.	1455.0	1248.	20700.
51	17801.	3977.	0.	13824.	17801.	1455.0	1142.	18943.
52	20591.	4122.	0.	16469.	20591.	1455.0	1322.	21913.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	13634.	4942.	0.	8692.	13634.	1455.0	1452.	15086.
2	7579.	6894.	0.	685.	7579.	1455.0	808.	8387.
3	7121.	7121.	0.	0.	7121.	1455.0	379.	7500.
4	7368.	7368.	0.	0.	7368.	1455.0	313.	7681.
5	7584.	7584.	0.	0.	7584.	1455.0	264.	7848.
6	7841.	7841.	0.	0.	7841.	1455.0	222.	8063.
7	8113.	8113.	0.	0.	8113.	1455.0	196.	8309.
8	8404.	8404.	0.	0.	8404.	1455.0	186.	8590.
9	8685.	8685.	0.	0.	8685.	1455.0	173.	8858.
10	9065.	9065.	0.	0.	9065.	1455.0	160.	9225.
11	9243.	9243.	0.	0.	9243.	1455.0	154.	9397.
12	8972.	8972.	0.	0.	8972.	1455.0	148.	9120.
13	8493.	8493.	0.	0.	8493.	1455.0	142.	8635.
14	8231.	8231.	0.	0.	8231.	1455.0	121.	8352.
15	8206.	8206.	0.	0.	8206.	1455.0	119.	8325.
16	8176.	8176.	0.	0.	8176.	1455.0	119.	8295.
17	8148.	8148.	0.	0.	8148.	1455.0	119.	8267.
18	8113.	8113.	0.	0.	8113.	1455.0	119.	8232.
19	8113.	8113.	0.	0.	8113.	1455.0	120.	8233.
20	8065.	8065.	0.	0.	8065.	1455.0	120.	8185.
21	8016.	8016.	0.	0.	8016.	1455.0	120.	8136.
22	7908.	7908.	0.	0.	7908.	1455.0	116.	8024.
23	7524.	7524.	0.	0.	7524.	1455.0	113.	7637.
24	7273.	7273.	0.	0.	7273.	1455.0	113.	7386.
25	7020.	7020.	0.	0.	7020.	1455.0	113.	7133.
26	6874.	6874.	0.	0.	6874.	1455.0	113.	6987.
27	6796.	6796.	0.	0.	6796.	1455.0	183.	6979.
28	6599.	6599.	0.	0.	6599.	1455.0	183.	6782.
29	6438.	6438.	0.	0.	6438.	1455.0	240.	6678.
30	6247.	6247.	0.	0.	6247.	1455.0	250.	6497.
31	6065.	6065.	0.	0.	6065.	1455.0	300.	6365.
32	6063.	6063.	0.	0.	6063.	1455.0	346.	6409.
33	6287.	6287.	0.	0.	6287.	1455.0	643.	6930.
34	6798.	6798.	0.	0.	6798.	1455.0	1231.	8029.
35	7420.	7420.	0.	0.	7420.	1455.0	1954.	9374.
36	9574.	7965.	0.	1609.	9574.	1455.0	3575.	13149.
37	7732.	7732.	0.	0.	7732.	1455.0	2560.	10292.
38	7265.	7265.	0.	0.	7265.	1455.0	2161.	9426.
39	6555.	7176.	0.	0.	7176.	1454.0	1824.	9000.
40	4981.	7367.	380.	0.	7747.	1449.5	1253.	9000.
41	4851.	7401.	406.	0.	7807.	1443.5	1193.	9000.
42	4926.	7446.	305.	0.	7751.	1437.7	1249.	9000.
43	5207.	7529.	57.	0.	7586.	1432.9	1414.	9000.
44	8683.	5090.	1985.	0.	7075.	1436.2	1925.	9000.
45	21345.	4484.	0.	6921.	11405.	1455.0	1569.	12975.
46	17552.	4399.	0.	13153.	17552.	1455.0	1291.	18843.
47	21266.	4318.	0.	16948.	21266.	1455.0	1563.	22829.
48	17016.	4250.	0.	12766.	17016.	1455.0	1284.	18300.
49	11802.	4205.	0.	7598.	11802.	1455.0	1084.	12886.
50	11462.	3966.	0.	7496.	11462.	1455.0	1052.	12514.
51	11331.	3956.	0.	7375.	11331.	1455.0	1040.	12371.
52	8267.	4467.	0.	3800.	8267.	1455.0	758.	9025.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1967 1	6642.	6642.	0.	0.	6642.	1455.0	503.	7145.
2	6784.	6784.	0.	0.	6784.	1455.0	337.	7121.
3	7011.	7011.	0.	0.	7011.	1455.0	256.	7267.
4	7240.	7240.	0.	0.	7240.	1455.0	173.	7413.
5	7493.	7493.	0.	0.	7493.	1455.0	161.	7654.
6	7787.	7787.	0.	0.	7787.	1455.0	154.	7941.
7	8083.	8083.	0.	0.	8083.	1455.0	154.	8237.
8	8385.	8385.	0.	0.	8385.	1455.0	154.	8539.
9	8671.	8671.	0.	0.	8671.	1455.0	149.	8820.
10	9051.	9051.	0.	0.	9051.	1455.0	139.	9190.
11	9235.	9235.	0.	0.	9235.	1455.0	139.	9374.
12	8970.	8970.	0.	0.	8970.	1455.0	139.	9109.
13	8495.	8495.	0.	0.	8495.	1455.0	139.	8634.
14	8260.	8260.	0.	0.	8260.	1455.0	138.	8398.
15	8237.	8237.	0.	0.	8237.	1455.0	137.	8374.
16	8208.	8208.	0.	0.	8208.	1455.0	137.	8345.
17	8180.	8180.	0.	0.	8180.	1455.0	137.	8317.
18	8144.	8144.	0.	0.	8144.	1455.0	132.	8276.
19	8145.	8145.	0.	0.	8145.	1455.0	125.	8270.
20	8097.	8097.	0.	0.	8097.	1455.0	125.	8222.
21	8048.	8048.	0.	0.	8048.	1455.0	125.	8173.
22	7932.	7932.	0.	0.	7932.	1455.0	126.	8058.
23	7533.	7533.	0.	0.	7533.	1455.0	122.	7655.
24	7281.	7281.	0.	0.	7281.	1455.0	122.	7403.
25	7028.	7028.	0.	0.	7028.	1455.0	122.	7150.
26	6882.	6882.	0.	0.	6882.	1455.0	122.	7004.
27	6790.	6790.	0.	0.	6790.	1455.0	137.	6927.
28	6593.	6593.	0.	0.	6593.	1455.0	137.	6730.
29	6400.	6400.	0.	0.	6400.	1455.0	140.	6540.
30	6220.	6220.	0.	0.	6220.	1455.0	162.	6382.
31	5931.	5931.	0.	0.	5931.	1455.0	119.	6050.
32	6046.	6046.	0.	0.	6046.	1455.0	280.	6326.
33	6742.	6742.	0.	0.	6742.	1455.0	974.	7716.
34	7089.	7089.	0.	0.	7089.	1455.0	1362.	8451.
35	7321.	7321.	0.	0.	7321.	1455.0	1768.	9089.
36	6391.	7347.	0.	0.	7347.	1453.5	1653.	9000.
37	7531.	6834.	0.	0.	6834.	1454.6	2166.	9000.
38	6433.	7195.	0.	0.	7195.	1453.4	1805.	9000.
39	6142.	7234.	0.	0.	7234.	1451.6	1766.	9000.
40	5199.	7393.	127.	0.	7519.	1447.4	1481.	9000.
41	5161.	7419.	105.	0.	7524.	1442.6	1476.	9000.
42	6491.	6948.	0.	0.	6948.	1441.6	2052.	9000.
43	24783.	4535.	0.	12996.	17531.	1455.0	2392.	19923.
44	25176.	4543.	0.	20634.	25176.	1455.0	1924.	27100.
45	23405.	4439.	0.	18966.	23405.	1455.0	1638.	25043.
46	36814.	4456.	0.	32359.	36814.	1455.0	3589.	40403.
47	35120.	2950.	0.	32170.	35120.	1455.0	2001.	37121.
48	27176.	2800.	0.	24377.	27176.	1455.0	1385.	28561.
49	27035.	2707.	0.	24328.	27035.	1455.0	2036.	29071.
50	15955.	2344.	0.	13611.	15955.	1455.0	1202.	17157.
51	11597.	2269.	0.	9328.	11597.	1455.0	874.	12471.
52	8813.	3721.	0.	5092.	8813.	1455.0	664.	9477.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1968 1	6531.	6531.	0.	0.	6531.	1455.0	421.	6952.
2	6770.	6770.	0.	0.	6770.	1455.0	350.	7120.
3	7004.	7004.	0.	0.	7004.	1455.0	273.	7277.
4	7248.	7248.	0.	0.	7248.	1455.0	209.	7457.
5	7493.	7493.	0.	0.	7493.	1455.0	187.	7680.
6	7770.	7770.	0.	0.	7770.	1455.0	164.	7934.
7	8058.	8058.	0.	0.	8058.	1455.0	155.	8213.
8	8351.	8351.	0.	0.	8351.	1455.0	150.	8501.
9	8635.	8635.	0.	0.	8635.	1455.0	145.	8780.
10	9009.	9009.	0.	0.	9009.	1455.0	131.	9140.
11	9192.	9192.	0.	0.	9192.	1455.0	131.	9323.
12	8922.	8922.	0.	0.	8922.	1455.0	126.	9048.
13	8466.	8466.	0.	0.	8466.	1455.0	125.	8591.
14	8231.	8231.	0.	0.	8231.	1455.0	132.	8363.
15	8207.	8207.	0.	0.	8207.	1455.0	131.	8338.
16	8176.	8176.	0.	0.	8176.	1455.0	131.	8307.
17	8144.	8144.	0.	0.	8144.	1455.0	129.	8273.
18	8106.	8106.	0.	0.	8106.	1455.0	124.	8230.
19	8108.	8108.	0.	0.	8108.	1455.0	121.	8229.
20	8059.	8059.	0.	0.	8059.	1455.0	121.	8180.
21	8009.	8009.	0.	0.	8009.	1455.0	121.	8130.
22	7899.	7899.	0.	0.	7899.	1455.0	121.	8020.
23	7515.	7515.	0.	0.	7515.	1455.0	121.	7636.
24	7263.	7263.	0.	0.	7263.	1455.0	121.	7384.
25	7009.	7009.	0.	0.	7009.	1455.0	121.	7130.
26	6862.	6862.	0.	0.	6862.	1455.0	121.	6983.
27	6765.	6765.	0.	0.	6765.	1455.0	121.	6886.
28	6564.	6564.	0.	0.	6564.	1455.0	116.	6680.
29	6370.	6370.	0.	0.	6370.	1455.0	122.	6492.
30	6181.	6181.	0.	0.	6181.	1455.0	131.	6312.
31	5940.	5940.	0.	0.	5940.	1455.0	156.	6096.
32	5903.	5903.	0.	0.	5903.	1455.0	195.	6098.
33	6535.	6535.	0.	0.	6535.	1455.0	869.	7404.
34	7894.	7894.	0.	0.	7894.	1455.0	2246.	10140.
35	7386.	7386.	0.	0.	7386.	1455.0	1929.	9315.
36	6900.	7164.	0.	0.	7164.	1454.6	1836.	9000.
37	7689.	7425.	0.	0.	7425.	1455.0	2555.	9980.
38	7501.	7501.	0.	0.	7501.	1455.0	2590.	10091.
39	6474.	7114.	0.	0.	7114.	1454.0	1886.	9000.
40	5830.	7353.	41.	0.	7394.	1451.5	1606.	9000.
41	15965.	4671.	0.	9090.	13761.	1455.0	1461.	15222.
42	24447.	4579.	0.	19869.	24447.	1455.0	1410.	25857.
43	23623.	4490.	0.	19133.	23623.	1455.0	1363.	24986.
44	20824.	4532.	0.	16292.	20824.	1455.0	1390.	22214.
45	18816.	4428.	0.	14388.	18816.	1455.0	1327.	20143.
46	15653.	4394.	0.	11259.	15653.	1455.0	1104.	16757.
47	14145.	4299.	0.	9846.	14145.	1455.0	998.	15143.
48	12539.	4237.	0.	8302.	12539.	1455.0	890.	13429.
49	10453.	4200.	0.	6253.	10453.	1455.0	818.	11271.
50	10471.	3963.	0.	6508.	10471.	1455.0	820.	11291.
51	6687.	5636.	0.	1051.	6687.	1455.0	523.	7210.
52	6158.	6158.	0.	0.	6158.	1455.0	400.	6558.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1969 1	6447.	6447.	0.	0.	6447.	1455.0	310.	6757.
2	6715.	6715.	0.	0.	6715.	1455.0	268.	6983.
3	6965.	6965.	0.	0.	6965.	1455.0	206.	7171.
4	7252.	7252.	0.	0.	7252.	1455.0	182.	7434.
5	7495.	7495.	0.	0.	7495.	1455.0	157.	7652.
6	7767.	7767.	0.	0.	7767.	1455.0	127.	7894.
7	8037.	8037.	0.	0.	8037.	1455.0	96.	8133.
8	8328.	8328.	0.	0.	8328.	1455.0	85.	8413.
9	8603.	8603.	0.	0.	8603.	1455.0	69.	8672.
10	8973.	8973.	0.	0.	8973.	1455.0	54.	9027.
11	9155.	9155.	0.	0.	9155.	1455.0	51.	9206.
12	8888.	8888.	0.	0.	8888.	1455.0	49.	8937.
13	8413.	8413.	0.	0.	8413.	1455.0	46.	8459.
14	8170.	8170.	0.	0.	8170.	1455.0	40.	8210.
15	8147.	8147.	0.	0.	8147.	1455.0	39.	8186.
16	8117.	8117.	0.	0.	8117.	1455.0	37.	8154.
17	8092.	8092.	0.	0.	8092.	1455.0	37.	8129.
18	8061.	8061.	0.	0.	8061.	1455.0	37.	8098.
19	8074.	8074.	0.	0.	8074.	1455.0	40.	8114.
20	8027.	8027.	0.	0.	8027.	1455.0	41.	8068.
21	7981.	7981.	0.	0.	7981.	1455.0	43.	8024.
22	7873.	7873.	0.	0.	7873.	1455.0	43.	7916.
23	7490.	7490.	0.	0.	7490.	1455.0	44.	7534.
24	7239.	7239.	0.	0.	7239.	1455.0	45.	7284.
25	6989.	6989.	0.	0.	6989.	1455.0	47.	7036.
26	6845.	6845.	0.	0.	6845.	1455.0	49.	6894.
27	6760.	6760.	0.	0.	6760.	1455.0	79.	6839.
28	6574.	6574.	0.	0.	6574.	1455.0	93.	6667.
29	6394.	6394.	0.	0.	6394.	1455.0	123.	6517.
30	6230.	6230.	0.	0.	6230.	1455.0	174.	6404.
31	6010.	6010.	0.	0.	6010.	1455.0	192.	6202.
32	6060.	6060.	0.	0.	6060.	1455.0	286.	6346.
33	6270.	6270.	0.	0.	6270.	1455.0	542.	6812.
34	6637.	6637.	0.	0.	6637.	1455.0	953.	7590.
35	6157.	6157.	0.	0.	6157.	1455.0	623.	6780.
36	4379.	7512.	0.	0.	7512.	1450.0	488.	8000.
37	4619.	7378.	0.	0.	7378.	1444.4	622.	8000.
38	4671.	7320.	0.	0.	7320.	1439.0	680.	8000.
39	4373.	7381.	0.	0.	7381.	1432.9	619.	8000.
40	3519.	7672.	124.	0.	7796.	1424.2	204.	8000.
41	3684.	7743.	0.	0.	7743.	1415.9	257.	8000.
42	3750.	7734.	0.	0.	7734.	1407.8	266.	8000.
43	6411.	4383.	3395.	0.	7778.	1405.0	222.	8000.
44	7317.	4077.	3240.	0.	7317.	1405.0	683.	8000.
45	7041.	4554.	2487.	0.	7041.	1405.0	959.	8000.
46	7504.	3501.	4003.	0.	7504.	1405.0	496.	8000.
47	7597.	3443.	4154.	0.	7597.	1405.0	403.	8000.
48	7641.	3715.	3927.	0.	7641.	1405.0	359.	8000.
49	7621.	4373.	3248.	0.	7621.	1405.0	379.	8000.
50	6668.	5729.	939.	0.	6668.	1405.0	332.	7000.
51	6823.	5715.	0.	0.	5715.	1407.3	285.	6000.
52	6880.	5760.	0.	0.	5760.	1409.9	240.	6000.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1970 1	7719.	5673.	0.	0.	5673.	1414.0	327.	6000.
2	8094.	5692.	0.	0.	5692.	1418.9	308.	6000.
3	6792.	4730.	0.	0.	4730.	1423.1	270.	5000.
4	7026.	3818.	0.	0.	3818.	1429.7	182.	4000.
5	7221.	2901.	0.	0.	2901.	1438.4	99.	3000.
6	7570.	2920.	0.	0.	2920.	1447.9	80.	3000.
7	7927.	3765.	0.	0.	3765.	1455.0	64.	3829.
8	8265.	8265.	0.	0.	8265.	1455.0	57.	8322.
9	7745.	7745.	0.	0.	7745.	1455.0	53.	7798.
10	8148.	8148.	0.	0.	8148.	1455.0	60.	8208.
11	8340.	8340.	0.	0.	8340.	1455.0	58.	8398.
12	8098.	8098.	0.	0.	8098.	1455.0	57.	8155.
13	7644.	7644.	0.	0.	7644.	1455.0	57.	7701.
14	7407.	7407.	0.	0.	7407.	1455.0	70.	7477.
15	7399.	7399.	0.	0.	7399.	1455.0	69.	7468.
16	7396.	7396.	0.	0.	7396.	1455.0	66.	7462.
17	7376.	7376.	0.	0.	7376.	1455.0	65.	7441.
18	7355.	7355.	0.	0.	7355.	1455.0	65.	7420.
19	7348.	7348.	0.	0.	7348.	1455.0	61.	7409.
20	7316.	7316.	0.	0.	7316.	1455.0	57.	7373.
21	7275.	7275.	0.	0.	7275.	1455.0	57.	7332.
22	7185.	7185.	0.	0.	7185.	1455.0	57.	7242.
23	6807.	6807.	0.	0.	6807.	1455.0	52.	6859.
24	6555.	6555.	0.	0.	6555.	1455.0	53.	6608.
25	6300.	6300.	0.	0.	6300.	1455.0	55.	6355.
26	6138.	6138.	0.	0.	6138.	1455.0	55.	6193.
27	5952.	5952.	0.	0.	5952.	1455.0	39.	5991.
28	5753.	5753.	0.	0.	5753.	1455.0	43.	5796.
29	5514.	5514.	0.	0.	5514.	1455.0	50.	5564.
30	5190.	5190.	0.	0.	5190.	1455.0	60.	5250.
31	4942.	4942.	0.	0.	4942.	1455.0	110.	5052.
32	5026.	5026.	0.	0.	5026.	1455.0	231.	5257.
33	6412.	6412.	0.	0.	6412.	1455.0	818.	7230.
34	6513.	6513.	0.	0.	6513.	1455.0	739.	7252.
35	6637.	6637.	0.	0.	6637.	1455.0	983.	7620.
36	6874.	6874.	0.	0.	6874.	1455.0	1466.	8340.
37	6739.	6739.	0.	0.	6739.	1455.0	1414.	8153.
38	6514.	6662.	0.	0.	6662.	1454.8	1338.	8000.
39	7345.	7197.	0.	0.	7197.	1455.0	2255.	9452.
40	6610.	6610.	0.	0.	6610.	1455.0	1953.	8563.
41	6289.	6362.	0.	0.	6362.	1454.9	1638.	8000.
42	6413.	6340.	0.	0.	6340.	1455.0	1755.	8095.
43	6310.	6321.	0.	0.	6321.	1455.0	1679.	8000.
44	6798.	6786.	0.	0.	6786.	1455.0	1670.	8456.
45	6446.	6784.	0.	0.	6784.	1454.5	1216.	8000.
46	5707.	7061.	0.	0.	7061.	1452.3	939.	8000.
47	6254.	6939.	0.	0.	6939.	1451.2	1061.	8000.
48	5534.	7235.	0.	0.	7235.	1448.1	765.	8000.
49	5884.	7097.	0.	0.	7097.	1445.6	903.	8000.
50	6503.	6282.	0.	0.	6282.	1446.1	718.	7000.
51	7619.	5267.	0.	0.	5267.	1450.7	733.	6000.
52	6921.	5592.	0.	0.	5592.	1453.1	408.	6000.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	7478.	6279.	0.	0.	6279.	1455.0	724.	7003.
2	7108.	7108.	0.	0.	7108.	1455.0	604.	7712.
3	7318.	7318.	0.	0.	7318.	1455.0	492.	7810.
4	7565.	7565.	0.	0.	7565.	1455.0	419.	7984.
5	7822.	7822.	0.	0.	7822.	1455.0	379.	8201.
6	8111.	8111.	0.	0.	8111.	1455.0	351.	8462.
7	8383.	8383.	0.	0.	8383.	1455.0	319.	8702.
8	8653.	8653.	0.	0.	8653.	1455.0	282.	8935.
9	8920.	8920.	0.	0.	8920.	1455.0	257.	9177.
10	9292.	9292.	0.	0.	9292.	1455.0	250.	9542.
11	9465.	9465.	0.	0.	9465.	1455.0	234.	9699.
12	9181.	9181.	0.	0.	9181.	1455.0	214.	9395.
13	8680.	8680.	0.	0.	8680.	1455.0	192.	8872.
14	8402.	8402.	0.	0.	8402.	1455.0	146.	8548.
15	8366.	8366.	0.	0.	8366.	1455.0	128.	8494.
16	8328.	8328.	0.	0.	8328.	1455.0	116.	8444.
17	8287.	8287.	0.	0.	8287.	1455.0	103.	8390.
18	8248.	8248.	0.	0.	8248.	1455.0	98.	8346.
19	8257.	8257.	0.	0.	8257.	1455.0	101.	8358.
20	8203.	8203.	0.	0.	8203.	1455.0	92.	8295.
21	8157.	8157.	0.	0.	8157.	1455.0	92.	8249.
22	8048.	8048.	0.	0.	8048.	1455.0	90.	8138.
23	7655.	7655.	0.	0.	7655.	1455.0	85.	7740.
24	7403.	7403.	0.	0.	7403.	1455.0	85.	7488.
25	7151.	7151.	0.	0.	7151.	1455.0	85.	7236.
26	7007.	7007.	0.	0.	7007.	1455.0	85.	7092.
27	6922.	6922.	0.	0.	6922.	1455.0	94.	7016.
28	6729.	6729.	0.	0.	6729.	1455.0	97.	6826.
29	6537.	6537.	0.	0.	6537.	1455.0	106.	6643.
30	6351.	6351.	0.	0.	6351.	1455.0	118.	6469.
31	6075.	6075.	0.	0.	6075.	1455.0	145.	6220.
32	6027.	6027.	0.	0.	6027.	1455.0	200.	6227.
33	6030.	6030.	0.	0.	6030.	1455.0	294.	6324.
34	6124.	6124.	0.	0.	6124.	1455.0	519.	6643.
35	6355.	6355.	0.	0.	6355.	1455.0	853.	7208.
36	5917.	7753.	0.	0.	7753.	1452.1	1247.	9000.
37	8895.	7058.	0.	0.	7058.	1455.0	2574.	9632.
38	6386.	7437.	0.	0.	7437.	1453.3	1563.	9000.
39	7829.	6842.	0.	0.	6842.	1454.9	2158.	9000.
40	4678.	7358.	360.	0.	7718.	1450.1	1282.	9000.
41	4671.	7394.	302.	0.	7696.	1443.9	1304.	9000.
42	4911.	7436.	61.	0.	7497.	1438.6	1503.	9000.
43	4156.	7539.	484.	0.	8023.	1430.8	977.	9000.
44	5199.	7804.	0.	0.	7804.	1425.5	1196.	9000.
45	7524.	7263.	0.	0.	7263.	1426.0	1737.	9000.
46	7055.	7447.	0.	0.	7447.	1425.2	1553.	9000.
47	20676.	4419.	3629.	0.	8048.	1450.7	952.	9000.
48	18657.	4266.	0.	11701.	15967.	1455.0	814.	16781.
49	21459.	4233.	0.	17226.	21459.	1455.0	1398.	22857.
50	13693.	3974.	0.	9719.	13693.	1455.0	893.	14586.
51	10354.	3953.	0.	6401.	10354.	1455.0	675.	11029.
52	8985.	4084.	0.	4901.	8985.	1455.0	587.	9572.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	7354.	5614.	0.	1740.	7354.	1455.0	390.	7744.
2	6791.	6791.	0.	0.	6791.	1455.0	349.	7140.
3	7016.	7016.	0.	0.	7016.	1455.0	265.	7281.
4	7278.	7278.	0.	0.	7278.	1455.0	219.	7497.
5	7540.	7540.	0.	0.	7540.	1455.0	214.	7754.
6	7821.	7821.	0.	0.	7821.	1455.0	201.	8022.
7	8106.	8106.	0.	0.	8106.	1455.0	190.	8296.
8	8393.	8393.	0.	0.	8393.	1455.0	179.	8572.
9	8669.	8669.	0.	0.	8669.	1455.0	169.	8838.
10	9093.	9093.	0.	0.	9093.	1455.0	211.	9304.
11	9275.	9275.	0.	0.	9275.	1455.0	211.	9486.
12	8994.	8994.	0.	0.	8994.	1455.0	195.	9189.
13	8519.	8519.	0.	0.	8519.	1455.0	195.	8714.
14	8300.	8300.	0.	0.	8300.	1455.0	218.	8518.
15	8258.	8258.	0.	0.	8258.	1455.0	199.	8457.
16	8227.	8227.	0.	0.	8227.	1455.0	199.	8426.
17	8196.	8196.	0.	0.	8196.	1455.0	199.	8395.
18	8160.	8160.	0.	0.	8160.	1455.0	200.	8360.
19	8164.	8164.	0.	0.	8164.	1455.0	201.	8365.
20	8106.	8106.	0.	0.	8106.	1455.0	193.	8299.
21	8056.	8056.	0.	0.	8056.	1455.0	193.	8249.
22	7939.	7939.	0.	0.	7939.	1455.0	184.	8123.
23	7542.	7542.	0.	0.	7542	1455.0	168.	7710.
24	7283.	7283.	0.	0.	7283.	1455.0	161.	7444.
25	7031.	7031.	0.	0.	7031.	1455.0	161.	7192.
26	6882.	6882.	0.	0.	6882.	1455.0	158.	7040.
27	6770.	6770.	0.	0.	6770.	1455.0	217.	6987.
28	6574.	6574.	0.	0.	6574.	1455.0	217.	6791.
29	6371.	6371.	0.	0.	6371.	1455.0	207.	6578.
30	6181.	6181.	0.	0.	6181.	1455.0	217.	6398.
31	6064.	6064.	0.	0.	6064.	1455.0	440.	6504.
32	7404.	7404.	0.	0.	7404.	1455.0	2501.	9905.
33	7295.	7295.	0.	0.	7295.	1455.0	2463.	9758.
34	7883.	7883.	0.	0.	7883.	1455.0	3434.	11317.
35	10518.	8036.	0.	2482.	10518.	1455.0	4856.	15374.
36	6315.	7861.	0.	0.	7861.	1452.5	1139.	9000.
37	8977.	7430.	0.	0.	7430.	1455.0	2020.	9450.
38	7855.	7745.	0.	111.	7855.	1455.0	1769.	9624.
39	6897.	6776.	1027.	0.	7803.	1453.6	1197.	9000.
40	24274.	4757.	0.	18611.	23368.	1455.0	1097.	24465.
41	24261.	4679.	0.	19582.	24261.	1455.0	1096.	25357.
42	21623.	4572.	0.	17051.	21623.	1455.0	977.	22600.
43	17632.	4475.	0.	13157.	17632.	1455.0	797.	18429.
44	19568.	4529.	0.	15039.	19588.	1455.0	675.	20243.
45	20953.	4435.	0.	16518.	20953.	1455.0	776.	21729.
46	19219.	4405.	0.	14815.	19219.	1455.0	710.	19929.
47	19865.	4316.	0.	15549.	19865.	1455.0	735.	20600.
48	13290.	4240.	0.	9050.	13290.	1455.0	496.	13786.
49	12589.	4208.	0.	8381.	12589.	1455.0	597.	13186.
50	17212.	3985.	0.	13227.	17212.	1455.0	817.	18029.
51	12685.	3962.	0.	8723.	12685.	1455.0	601.	13286.
52	6045.	6045.	0.	0.	6045.	1455.0	272.	6317.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1973 1	6311.	6311.	0.	0.	6311.	1455.0	155.	6466.
2	6609.	6609.	0.	0.	6609.	1455.0	143.	6752.
3	6982.	6982.	0.	0.	6982.	1455.0	198.	7180.
4	7232.	7232.	0.	0.	7232.	1455.0	148.	7380.
5	7470.	7470.	0.	0.	7470.	1455.0	144.	7614.
6	7751.	7751.	0.	0.	7751.	1455.0	135.	7886.
7	8030.	8030.	0.	0.	8030.	1455.0	115.	8145.
8	8321.	8321.	0.	0.	8321.	1455.0	106.	8427.
9	8597.	8597.	0.	0.	8597.	1455.0	89.	8686.
10	8991.	8991.	0.	0.	8991.	1455.0	89.	9080.
11	9166.	9166.	0.	0.	9166.	1455.0	80.	9246.
12	8899.	8899.	0.	0.	8899.	1455.0	79.	8978.
13	8425.	8425.	0.	0.	8425.	1455.0	79.	8504.
14	8170.	8170.	0.	0.	8170.	1455.0	67.	8237.
15	8145.	8145.	0.	0.	8145.	1455.0	66.	8211.
16	8116.	8116.	0.	0.	8116.	1455.0	66.	8182.
17	8088.	8088.	0.	0.	8088.	1455.0	66.	8154.
18	8055.	8055.	0.	0.	8055.	1455.0	58.	8113.
19	8076.	8076.	0.	0.	8076.	1455.0	58.	8134.
20	8028.	8028.	0.	0.	8028.	1455.0	58.	8086.
21	7979.	7979.	0.	0.	7979.	1455.0	58.	8037.
22	7864.	7864.	0.	0.	7864.	1455.0	64.	7928.
23	7457.	7457.	0.	0.	7457.	1455.0	55.	7512.
24	7206.	7206.	0.	0.	7206.	1455.0	55.	7261.
25	6954.	6954.	0.	0.	6954.	1455.0	55.	7009.
26	6808.	6808.	0.	0.	6808.	1455.0	55.	6863.
27	6715.	6715.	0.	0.	6715.	1455.0	51.	6766.
28	6519.	6519.	0.	0.	6519.	1455.0	51.	6570.
29	6321.	6321.	0.	0.	6321.	1455.0	51.	6372.
30	6128.	6128.	0.	0.	6128.	1455.0	54.	6182.
31	5861.	5861.	0.	0.	5861.	1455.0	71.	5932.
32	5826.	5826.	0.	0.	5826.	1455.0	134.	5960.
33	6000.	6000.	0.	0.	6000.	1455.0	463.	6463.
34	6053.	6053.	0.	0.	6053.	1455.0	636.	6689.
35	6114.	6114.	0.	0.	6114.	1455.0	740.	6854.
36	5007.	7986.	48.	0.	8034.	1450.2	966.	9000.
37	6652.	7389.	0.	0.	7389.	1448.7	1611.	9000.
38	6851.	7257.	0.	0.	7257.	1447.9	1743.	9000.
39	5109.	7725.	130.	0.	7855.	1442.3	1145.	9000.
40	4186.	7545.	783.	0.	8328.	1433.9	672.	9000.
41	4098.	7630.	729.	0.	8359.	1425.2	641.	9000.
42	3743.	7726.	789.	0.	8515.	1415.5	485.	9000.
43	3815.	7875.	601.	0.	8476.	1406.0	524.	9000.
44	7888.	3500.	4873.	0.	8373.	1405.0	627.	9000.
45	8246.	3382.	4864.	0.	8246.	1405.0	754.	9000.
46	10792.	0.	8398.	0.	8398.	1409.9	602.	9000.
47	21018.	0.	8218.	0.	8218.	1435.9	782.	9000.
48	22260.	4315.	0.	7902.	12217.	1455.0	911.	13128.
49	12074.	4207.	0.	7867.	12074.	1455.0	740.	12814.
50	8425.	3956.	0.	4469.	8425.	1455.0	517.	8942.
51	7115.	4731.	0.	2384.	7115.	1455.0	436.	7551.
52	6025.	6025.	0.	0.	6025.	1455.0	355.	6380.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW: TURBINE DISCHARGE (CFS)	CONE VALVE: ENVIRON. RELEASE (CFS)	CONE VALVE: EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1974 1	6487.	6487.	0.	0.	6487.	1455.0	361.	6848.
2	6729.	6729.	0.	0.	6729.	1455.0	290.	7019.
3	6953.	6953.	0.	0.	6953.	1455.0	200.	7153.
4	7216.	7216.	0.	0.	7216.	1455.0	151.	7367.
5	7423.	7423.	0.	0.	7423.	1455.0	79.	7502.
6	7715.	7715.	0.	0.	7715.	1455.0	69.	7784.
7	8007.	8007.	0.	0.	8007.	1455.0	64.	8071.
8	8304.	8304.	0.	0.	8304.	1455.0	58.	8362.
9	8588.	8588.	0.	0.	8588.	1455.0	53.	8641.
10	8963.	8963.	0.	0.	8963.	1455.0	44.	9007.
11	9144.	9144.	0.	0.	9144.	1455.0	40.	9184.
12	8878.	8878.	0.	0.	8878.	1455.0	38.	8916.
13	8403.	8403.	0.	0.	8403.	1455.0	37.	8440.
14	8161.	8161.	0	0.	8161.	1455.0	31.	8192.
15	8138.	8138.	0.	0.	8138.	1455.0	30.	8168.
16	8110.	8110.	0.	0.	8110.	1455.0	29.	8139.
17	8084.	8084.	0.	0.	8084.	1455.0	28.	8112.
18	8050.	8050.	0.	0.	8050.	1455.0	31.	8081.
19	8061.	8061.	0.	0.	8061.	1455.0	35.	8096.
20	8013.	8013.	0.	0.	8013.	1455.0	35.	8048.
21	7965.	7965.	0.	0.	7965.	1455.0	33.	7998.
22	7857.	7857.	0.	0.	7857.	1455.0	32.	7889.
23	7478.	7478.	0.	0.	7478.	1455.0	36.	7514.
24	7226.	7226.	0.	0.	7226.	1455.0	36.	7262.
25	6971.	6971.	0.	0.	6971.	1455.0	34.	7005.
26	6826.	6826.	0.	0.	6826.	1455.0	34.	6860.
27	6728.	6728.	0.	0.	6728.	1455.0	61.	6789.
28	6533.	6533.	0.	0.	6533.	1455.0	64.	6597.
29	6341.	6341.	0.	0.	6341.	1455.0	77.	6418.
30	6164.	6164.	0.	0.	6164.	1455.0	121.	6285.
31	6003.	6003.	0.	0.	6003.	1455.0	184.	6187.
32	6201.	6201.	0.	0.	6201.	1455.0	361.	6562.
33	6519.	6519.	0.	0.	6519.	1455.0	675.	7194.
34	7479.	7479.	0.	0.	7479.	1455.0	1508.	8987.
35	7627.	7627.	0.	0.	7627.	1455.0	1974.	9601.
36	5586.	7552.	0.	0.	7552.	1451.9	1448.	9000.
37	4988.	7763.	0.	0.	7763.	1446.7	1237.	9000.
38	4717.	7843.	0.	0.	7843.	1440.4	1157.	9000.
39	4774.	7765.	0.	0.	7765.	1434.3	1235.	9000.
40	4430.	7645.	413.	0.	8058.	1426.9	942.	9000.
41	4795.	7706.	124.	0.	7830.	1420.7	1170.	9000.
42	4602.	7765.	162.	0.	7927.	1413.9	1073.	9000.
43	4520.	7876.	92.	0.	7968.	1406.9	1032.	9000.
44	6948.	5476.	2415.	0.	7891.	1405.0	1109.	9000.
45	7807.	4575.	3232.	0.	7807.	1405.0	1193.	9000.
46	7980.	4167.	3813.	0.	7980.	1405.0	1020.	9000.
47	8193.	3636.	4558.	0.	8193.	1405.0	807.	9000.
48	7942.	4899.	3044.	0.	7942.	1405.0	1058.	9000.
49	6972.	6907.	66.	0.	6972.	1405.0	1028.	8000.
50	6608.	6424.	0.	0.	6424.	1405.4	576.	7000.
51	7624.	5417.	0.	0.	5417.	1409.9	583.	6000.
52	9857.	3294.	1939.	0.	5233.	1420.6	767.	6000.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1975 1	7469.	5655.	0.	0.	5655.	1424.3	345.	6000.
2	8006.	5657.	0.	0.	5657.	1429.1	343.	6000.
3	8207.	4818.	0.	0.	4818.	1436.0	182.	5000.
4	8589.	3879.	0.	0.	3879.	1445.6	121.	4000.
5	8947.	3647.	0.	0.	3647.	1455.0	82.	3729.
6	7738.	7738.	0.	0.	7738.	1455.0	78.	7816.
7	8038.	8038.	0.	0.	8038.	1455.0	78.	8116.
8	8339.	8339.	0.	0.	8339.	1455.0	78.	8417.
9	8629.	8629.	0.	0.	8629.	1455.0	79.	8708.
10	9050.	9050.	0.	0.	9050.	1455.0	121.	9171.
11	9234.	9234.	0.	0.	9234.	1455.0	121.	9355.
12	8968.	8968.	0.	0.	8968.	1455.0	121.	9089.
13	8493.	8493.	0.	0.	8493.	1455.0	121.	8614.
14	8243.	8243.	0.	0.	8243.	1455.0	113.	8356.
15	8214.	8214.	0.	0.	8214.	1455.0	106.	8320.
16	8186.	8186.	0.	0.	8186.	1455.0	106.	8292.
17	8159.	8159.	0.	0.	8159.	1455.0	106.	8265.
18	8127.	8127.	0.	0.	8127.	1455.0	107.	8234.
19	8160.	8160.	0.	0.	8160	1455.0	135.	8295.
20	8111.	8111.	0.	0.	8111.	1455.0	135.	8246.
21	8057.	8057.	0.	0.	8057.	1455.0	130.	8187.
22	7944.	7944.	0.	0.	7944.	1455.0	126.	8070.
23	7563.	7563.	0.	0.	7563.	1455.0	128.	7691.
24	7310.	7310.	0.	0.	7310.	1455.0	128.	7438.
25	7057.	7057.	0.	0.	7057.	1455.0	128.	7185.
26	6910.	6910.	0.	0.	6910.	1455.0	128.	7038.
27	6809.	6809.	0.	0.	6809.	1455.0	152.	6961.
28	6613.	6613.	0.	0.	6613.	1455.0	154.	6767.
29	6426.	6426.	0.	0.	6426.	1455.0	168.	6594.
30	6252.	6252.	0.	0.	6252.	1455.0	199.	6451.
31	6046.	6046.	0.	0.	6046.	1455.0	284.	6330.
32	6277.	6277.	0.	0.	6277.	1455.0	673.	6950.
33	6849.	6849.	0.	0.	6849.	1455.0	1479.	8328.
34	7393.	7393.	0.	0.	7393.	1455.0	2259.	9652.
35	7900.	7900.	0.	0.	7900.	1455.0	2792.	10692.
36	7505.	7505.	0.	0.	7505.	1455.0	1938.	9443.
37	6316.	7543.	0.	0.	7543.	1453.0	1457.	9000.
38	7261.	7170.	0.	0.	7170.	1453.2	1830.	9000.
39	6475.	7365.	0.	0.	7365.	1451.8	1635.	9000.
40	5493.	7390.	266.	0.	7655.	1447.9	1345.	9000.
41	5701.	7407.	129.	0.	7536.	1444.1	1464.	9000.
42	15067.	4586.	0.	4457.	9043.	1455.0	1386.	10429.
43	24660.	4493.	0.	20168.	24660.	1455.0	1269.	25929.
44	22789.	4537.	0.	18252.	22789.	1455.0	1411.	24200.
45	18242.	4427.	0.	13816.	18242.	1455.0	1244.	19486.
46	17426.	4399.	0.	13027.	17426.	1455.0	1188.	18614.
47	15380.	4303.	0.	11077.	15380.	1455.0	1049.	16429.
48	13252.	4239.	0.	9013.	13252.	1455.0	905.	14157.
49	10858.	4201.	0.	6657.	10858.	1455.0	885.	11743.
50	18386.	3987.	0.	14399.	18386.	1455.0	1500.	19886.
51	17223.	3974.	0.	13249.	17223.	1455.0	1406.	18629.
52	14515.	4104.	0.	10411.	14515.	1455.0	1185.	15700.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	9346.	4925.	0.	4421.	9346.	1455.0	940.	10286.
2	8243.	6229.	0.	2014.	8243.	1455.0	828.	9071.
3	7593.	7497.	0.	96.	7593.	1455.0	764.	8357.
4	7511.	7511.	0.	0.	7511.	1455.0	451.	7962.
5	7568.	7568.	0.	0.	7568.	1455.0	270.	7838.
6	7801.	7801.	0.	0.	7801.	1455.0	216.	8017.
7	8058.	8058.	0.	0.	8058.	1455.0	164.	8222.
8	8329.	8329.	0.	0.	8329.	1455.0	130.	8459.
9	8601.	8601.	0.	0.	8601.	1455.0	104.	8705.
10	8975.	8975.	0.	0.	8975.	1455.0	80.	9055.
11	9156.	9156.	0.	0.	9156.	1455.0	77.	9233.
12	8890.	8890.	0.	0.	8890.	1455.0	74.	8964.
13	8413.	8413.	0.	0.	8413.	1455.0	70.	8483.
14	8182.	8182.	0.	0.	8182.	1455.0	80.	8262.
15	8160.	8160.	0.	0.	8160.	1455.0	79.	8239.
16	8129.	8129.	0.	0.	8129.	1455.0	76.	8205.
17	8100.	8100.	0.	0.	8100.	1455.0	75.	8175.
18	8067.	8067.	0.	0.	8067.	1455.0	74.	8141.
19	8074.	8074.	0.	0.	8074.	1455.0	70.	8144.
20	8027.	8027.	0.	0.	8027.	1455.0	70.	8097.
21	7979.	7979.	0.	0.	7979.	1455.0	70.	8049.
22	7869.	7869.	0.	0.	7869.	1455.0	73.	7942.
23	7488.	7488.	0.	0.	7488.	1455.0	78.	7566.
24	7237.	7237.	0.	0.	7237.	1455.0	78.	7315.
25	6985.	6985.	0.	0.	6985.	1455.0	78.	7063.
26	6840.	6840.	0.	0.	6840.	1455.0	78.	6918.
27	6738.	6738.	0.	0.	6738.	1455.0	144.	6882.
28	6545.	6545.	0.	0.	6545.	1455.0	151.	6696.
29	6361.	6361.	0.	0.	6361.	1455.0	188.	6549.
30	6216.	6216.	0.	0.	6216.	1455.0	314.	6530.
31	6258.	6258.	0.	0.	6258.	1455.0	646.	6904.
32	7058.	7058.	0.	0.	7058.	1455.0	1569.	8627.
33	6926.	6926.	0.	0.	6926.	1455.0	1508.	8434.
34	6907.	6907.	0.	0.	6907.	1455.0	1578.	8485.
35	7064.	7064.	0.	0.	7064.	1455.0	1733.	8797.
36	6646.	7545.	0.	0.	7545.	1453.6	1455.	9000.
37	6826.	7431.	0.	0.	7431.	1452.6	1569.	9000.
38	5366.	7801.	94.	0.	7895.	1448.2	1105.	9000.
39	5213.	7721.	213.	0.	7934.	1442.6	1066.	9000.
40	4072.	7535.	412.	0.	7947.	1434.7	1053.	9000.
41	4041.	7610.	339.	0.	7949.	1426.8	1051.	9000.
42	3955.	7690.	309.	0.	7999.	1418.6	1001.	9000.
43	3980.	7818.	156.	0.	7974.	1410.4	1026.	9000.
44	5873.	5690.	2846.	0.	8536.	1405.0	464.	9000.
45	12712.	0.	8886.	0.	8886.	1412.8	114.	9000.
46	20486.	0.	8915.	0.	8915.	1436.4	85.	9000.
47	15736.	4374.	4562.	0.	8936.	1450.2	64.	9000.
48	11079.	4249.	4647.	0.	8896.	1453.6	104.	9000.
49	7164.	4566.	2869.	0.	7435.	1453.2	565.	8000.
50	5867.	6156.	381.	0.	6537.	1452.1	463.	7000.
51	6628.	5535.	0.	0.	5535.	1453.9	465.	6000.
52	6500.	5883.	0.	0.	5883.	1455.0	496.	6379.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1977 1	6512.	6512.	0.	0.	6512.	1455.0	389.	6901.
2	6754.	6754.	0.	0.	6754.	1455.0	317.	7071.
3	7052.	7052.	0.	0.	7052.	1455.0	302.	7354.
4	7329.	7329.	0.	0.	7329.	1455.0	269.	7598.
5	7620.	7620.	0.	0.	7620.	1455.0	291.	7911.
6	7905.	7905.	0.	0.	7905.	1455.0	276.	8181.
7	8186.	8186.	0.	0.	8186.	1455.0	258.	8444.
8	8472.	8472.	0.	0.	8472.	1455.0	244.	8716.
9	8803.	8803.	0.	0.	8803.	1455.0	286.	9089.
10	9198.	9198.	0.	0.	9198.	1455.0	285.	9483.
11	9354.	9354.	0.	0.	9354.	1455.0	257.	9611.
12	9066.	9066.	0.	0.	9066.	1455.0	237.	9303.
13	8574.	8574.	0.	0.	8574.	1455.0	219.	8794.
14	8291.	8291.	0.	0.	8291.	1455.0	185.	8476.
15	8261.	8261.	0.	0.	8261.	1455.0	180.	8441.
16	8222.	8222.	0.	0.	8222.	1455.0	171.	8393.
17	8190.	8190.	0.	0.	8190.	1455.0	167.	8357.
18	8152.	8152.	0.	0.	8152.	1455.0	157.	8309.
19	8149.	8149.	0.	0.	8149.	1455.0	142.	8291.
20	8098.	8098.	0.	0.	8098.	1455.0	139.	8237.
21	8049.	8049.	0.	0.	8049.	1455.0	139.	8188.
22	7937.	7937.	0.	0.	7937.	1455.0	142.	8079.
23	7547.	7547.	0.	0.	7547.	1455.0	145.	7692.
24	7295.	7295.	0.	0.	7295.	1455.0	145.	7440.
25	7042.	7042.	0.	0.	7042.	1455.0	145.	7187.
26	6896.	6896.	0.	0.	6896.	1455.0	145.	7041.
27	6826.	6826.	0.	0.	6826.	1455.0	162.	6988.
28	6629.	6629.	0.	0.	6629.	1455.0	162.	6791.
29	6439.	6439.	0.	0.	6439.	1455.0	170.	6609.
30	6250.	6250.	0.	0.	6250.	1455.0	179.	6429.
31	6009.	6009.	0.	0.	6009.	1455.0	259.	6268.
32	6084.	6084.	0.	0.	6084.	1455.0	483.	6567.
33	6971.	6971.	0.	0.	6971.	1455.0	1750.	8721.
34	7601.	7601.	0.	0.	7601.	1455.0	2685.	10286.
35	9090.	8029.	0.	1062.	9090.	1455.0	3752.	12842.
36	7389.	7389.	0.	0.	7389.	1455.0	1766.	9155.
37	8032.	7852.	0.	180.	8032.	1455.0	2338.	10370.
38	7354.	7354.	0.	0.	7354.	1455.0	1915.	9269.
39	6787.	7291.	0.	0.	7291.	1454.2	1709.	9000.
40	4662.	7369.	347.	0.	7716.	1449.1	1284.	9000.
41	4856.	7402.	171.	0.	7573.	1443.6	1427.	9000.
42	21714.	4605.	0.	10834.	15439.	1455.0	1509.	16948.
43	19973.	4481.	0.	15492.	19973.	1455.0	1256.	21229.
44	21372.	4534.	0.	16838.	21372.	1455.0	914.	22286.
45	20695.	4434.	0.	16262.	20695.	1455.0	634.	21329.
46	18935.	4403.	0.	14532.	18935.	1455.0	579.	19514.
47	19143.	4313.	0.	14830.	19143.	1455.0	586.	19729.
48	12101.	4236.	0.	7865.	12101.	1455.0	413.	12514.
49	9714.	4198.	0.	5517.	9714.	1455.0	649.	10363.
50	13751.	3974.	0.	9777.	13751.	1455.0	920.	14671.
51	13190.	3963.	0.	9227.	13190.	1455.0	881.	14071.
52	11099.	4093.	0.	7006.	11099.	1455.0	743.	11842.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	8112.	5428.	0.	2684.	8112.	1455.0	717.	8829.
2	8229.	5977.	0.	2252.	8229.	1455.0	728.	8957.
3	7378.	7378.	0.	0.	7378.	1455.0	639.	8017.
4	7526.	7526.	0.	0.	7526.	1455.0	476.	8002.
5	7718.	7718.	0.	0.	7718.	1455.0	407.	8125.
6	7962.	7962.	0.	0.	7962.	1455.0	355.	8317.
7	8224.	8224.	0.	0.	8224.	1455.0	319.	8543.
8	8497.	8497.	0.	0.	8497.	1455.0	296.	8793.
9	8757.	8757.	0.	0.	8757.	1455.0	272.	9029.
10	9107.	9107.	0.	0.	9107.	1455.0	234.	9341.
11	9279.	9279.	0.	0.	9279.	1455.0	224.	9503.
12	9006.	9006.	0.	0.	9006.	1455.0	217.	9223.
13	8516.	8516.	0.	0.	8516.	1455.0	201.	8717.
14	8254.	8254.	0.	0.	8254.	1455.0	176.	8430.
15	8220.	8220.	0.	0.	8220.	1455.0	165.	8385.
16	8181.	8181.	0.	0.	8181.	1455.0	157.	8338.
17	8144.	8144.	0.	0.	8144.	1455.0	151.	8295.
18	8102.	8102.	0.	0.	8102.	1455.0	144.	8246.
19	8108.	8108.	0.	0.	8108.	1455.0	152.	8260.
20	8054.	8054.	0.	0.	8054.	1455.0	147.	8201.
21	8004.	8004.	0.	0.	8004.	1455.0	147.	8151.
22	7892.	7892.	0.	0.	7892.	1455.0	140.	8032.
23	7494.	7494.	0.	0.	7494.	1455.0	122.	7616.
24	7243.	7243.	0.	0.	7243.	1455.0	122.	7365.
25	6991.	6991.	0.	0.	6991.	1455.0	122.	7113.
26	6846.	6846.	0.	0.	6846.	1455.0	123.	6969.
27	6739.	6739.	0.	0.	6739.	1455.0	209.	6948.
28	6543.	6543.	0.	0.	6543.	1455.0	209.	6752.
29	6345.	6345.	0.	0.	6345.	1455.0	209.	6554.
30	6156.	6156.	0.	0.	6158.	1455.0	221.	6377.
31	5847.	5847.	0.	0.	5847.	1455.0	139.	5986.
32	5926.	5926.	0.	0.	5926.	1455.0	213.	6139.
33	5933.	5933.	0.	0.	5933.	1455.0	290.	6223.
34	5691.	5804.	0.	0.	5804.	1454.8	196.	6000.
35	5648.	5779.	0.	0.	5779.	1454.6	221.	6000.
36	4437.	7531.	0.	0.	7531.	1449.6	469.	8000.
37	4859.	7349.	0.	0.	7349.	1444.5	651.	8000.
38	4493.	7443.	0.	0.	7443.	1438.5	557.	8000.
39	4744.	7306.	0.	0.	7306.	1433.3	694.	8000.
40	5009.	7010.	0.	0.	7010.	1429.2	990.	8000.
41	4817.	7081.	0.	0.	7081.	1424.6	919.	8000.
42	4836.	7071.	0.	0.	7071.	1420.1	929.	8000.
43	4843.	7089.	0.	0.	7089.	1415.5	911.	8000.
44	10505.	1462.	5259.	0.	6721.	1423.2	1279.	8000.
45	17917.	1634.	5169.	0.	6803.	1445.8	1197.	8000.
46	16659.	4418.	0.	7054.	11471.	1455.0	1112.	12583.
47	13901.	4298.	0.	9603.	13901.	1455.0	928.	14829.
48	10010.	4228.	0.	5782.	10010.	1455.0	676.	10686.
49	10516.	4200.	0.	6316.	10516.	1455.0	698.	11214.
50	9480.	3960.	0.	5520.	9480.	1455.0	629.	10109.
51	7126.	5092.	0.	2034.	7126.	1455.0	473.	7599.
52	6136.	6136.	0.	0.	6136.	1455.0	354.	6490.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	6563.	6563.	0.	0.	6563.	1455.0	411.	6974.
2	6924.	6924.	0.	0.	6924.	1455.0	462.	7386.
3	7143.	7143.	0.	0.	7143.	1455.0	373.	7516.
4	7355.	7355.	0.	0.	7355.	1455.0	281.	7637.
5	7625.	7625.	0.	0.	7625.	1455.0	310.	7935.
6	7893.	7893.	0.	0.	7893.	1455.0	296.	8189.
7	8127.	8127.	0.	0.	8127.	1455.0	222.	8349.
8	8403.	8403.	0.	0.	8403.	1455.0	195.	8598.
9	8683.	8683.	0.	0.	8683.	1455.0	179.	8862.
10	9052.	9052.	0.	0.	9052.	1455.0	152.	9204.
11	9223.	9223.	0.	0.	9223.	1455.0	138.	9361.
12	8946.	8946.	0.	0.	8946.	1455.0	124.	9070.
13	8468.	8468.	0.	0.	8468.	1455.0	119.	8587.
14	8205.	8205.	0.	0.	8205.	1455.0	98.	8303.
15	8179.	8179.	0.	0.	8179.	1455.0	94.	8273.
16	8149.	8149.	0.	0.	8149.	1455.0	94.	8243.
17	8121.	8121.	0.	0.	8121.	1455.0	94.	8215.
18	8081.	8081.	0.	0.	8081.	1455.0	87.	8168.
19	8087.	8087.	0.	0.	8087.	1455.0	82.	8169.
20	8038.	8038.	0.	0.	8038.	1455.0	82.	8120.
21	7990.	7990.	0.	0.	7990.	1455.0	82.	8072.
22	7874.	7874.	0.	0.	7874.	1455.0	74.	7948.
23	7447.	7447.	0.	0.	7447.	1455.0	31.	7478.
24	7195.	7195.	0.	0.	7195.	1455.0	31.	7226.
25	6943.	6943.	0.	0.	6943.	1455.0	31.	6974.
26	6797.	6797.	0.	0.	6797.	1455.0	31.	6828.
27	6712.	6712.	0.	0.	6712.	1455.0	69.	6781.
28	6518.	6518.	0.	0.	6518.	1455.0	73.	6591.
29	6322.	6322.	0.	0.	6322.	1455.0	81.	6403.
30	6136.	6136.	0.	0.	6136.	1455.0	103.	6239.
31	5900.	5900.	0.	0.	5900.	1455.0	105.	6005.
32	5905.	5905.	0.	0.	5905.	1455.0	145.	6050.
33	6081.	6081.	0.	0.	6081.	1455.0	338.	6419.
34	6259.	6259.	0.	0.	6259.	1455.0	539.	6798.
35	6619.	6619.	0.	0.	6619.	1455.0	1008.	7627.
36	4305.	7998.	199.	0.	8197.	1448.5	803.	9000.
37	4038.	7995.	331.	0.	8326.	1439.7	674.	9000.
38	3874.	8014.	377.	0.	8391.	1430.5	609.	9000.
39	4017.	7991.	256.	0.	8247.	1421.9	753.	9000.
40	5080.	7711.	0.	0.	7711.	1416.6	1289.	9000.
41	5049.	7725.	0.	0.	7725.	1411.1	1275.	9000.
42	11490.	277.	7171.	0.	7448.	1419.3	1552.	9000.
43	30868.	4615.	0.	8060.	12675.	1455.0	1589.	14263.
44	24867.	4542.	0.	20325.	24867.	1455.0	1647.	26514.
45	23326.	4439.	0.	18887.	23326.	1455.0	1474.	24800.
46	18838.	4402.	0.	14436.	18838.	1455.0	1191.	20029.
47	16043.	4305.	0.	11739.	16043.	1455.0	1014.	17057.
48	14232.	4242.	0.	9990.	14232.	1455.0	939.	15171.
49	8834.	4194.	0.	4640.	8834.	1455.0	613.	9447.
50	8606.	3956.	0.	4650.	8606.	1455.0	597.	9203.
51	12663.	3961.	0.	8702.	12663.	1455.0	880.	13543.
52	10027.	4089.	0.	5938.	10027.	1455.0	695.	10722.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1980 1	7486.	5553.	0.	1933.	7486.	1455.0	404.	7890.
2	9501.	5229.	0.	4272.	9501.	1455.0	513.	10014.
3	7134.	7134.	0.	0.	7134.	1455.0	361.	7495.
4	7341.	7341.	0.	0.	7341.	1455.0	267.	7608.
5	7602.	7602.	0.	0.	7602.	1455.0	283.	7885.
6	7875.	7875.	0.	0.	7875.	1455.0	276.	8151.
7	8194.	8194.	0.	0.	8194.	1455.0	308.	8502.
8	8413.	8413.	0.	0.	8413.	1455.0	220.	8633.
9	8684.	8684.	0.	0.	8684.	1455.0	206.	8890.
10	9029.	9029.	0.	0.	9029.	1455.0	167.	9196.
11	9195.	9195.	0.	0.	9195.	1455.0	150.	9345.
12	8917.	8917.	0.	0.	8917.	1455.0	138.	9055.
13	8432.	8432.	0.	0.	8432.	1455.0	125.	8557.
14	8182.	8182.	0.	0.	8182.	1455.0	113.	8295.
15	8154.	8154.	0.	0.	8154.	1455.0	107.	8261.
16	8119.	8119.	0.	0.	8119.	1455.0	101.	8220.
17	8084.	8084.	0.	0.	8084.	1455.0	96.	8180.
18	8046.	8046.	0.	0.	8046.	1455.0	93.	8139.
19	8046.	8046.	0.	0.	8046.	1455.0	89.	8135.
20	7992.	7992.	0.	0.	7992.	1455.0	85.	8077.
21	7940.	7940.	0.	0.	7940.	1455.0	81.	8021.
22	7833.	7833.	0.	0.	7833.	1455.0	80.	7913.
23	7450.	7450.	0.	0.	7450.	1455.0	79.	7529.
24	7199.	7199.	0.	0.	7199.	1455.0	79.	7278.
25	6948.	6948.	0.	0.	6948.	1455.0	79.	7027.
26	6802.	6802.	0.	0.	6802.	1455.0	79.	6881.
27	6709.	6709.	0.	0.	6709.	1455.0	140.	6849.
28	6513.	6513.	0.	0.	6513.	1455.0	140.	6653.
29	6320.	6320.	0.	0.	6320.	1455.0	147.	6467.
30	6151.	6151.	0.	0.	6151.	1455.0	200.	6351.
31	5981.	5981.	0.	0.	5981.	1455.0	268.	6249.
32	6196.	6196.	0.	0.	6196.	1455.0	502.	6698.
33	6342.	6342.	0.	0.	6342.	1455.0	718.	7060.
34	6186.	6186.	0.	0.	6186.	1455.0	642.	6828.
35	6527.	6527.	0.	0.	6527.	1455.0	1075.	7602.
36	7036.	7036.	0.	0.	7036.	1455.0	3170.	10206.
37	6593.	6593.	0.	0.	6593.	1455.0	2498.	9091.
38	6888.	6888.	0.	0.	6888.	1455.0	3235.	10123.
39	6557.	6557.	0.	0.	6557.	1455.0	2822.	9379.
40	6111.	7158.	0.	0.	7158.	1453.3	1842.	9000.
41	6669.	6526.	607.	0.	7133.	1452.6	1867.	9000.
42	31585.	4603.	0.	25470.	30073.	1455.0	1972.	32045.
43	28372.	4502.	0.	23870.	28372.	1455.0	1771.	30143.
44	31440.	4559.	0.	26881.	31440.	1455.0	1574.	33014.
45	21402.	4435.	0.	16967.	21402.	1455.0	1798.	23200.
46	20230.	4406.	0.	15824.	20230.	1455.0	1699.	21929.
47	18346.	4311.	0.	14035.	18346.	1455.0	1540.	19886.
48	13413.	4240.	0.	9173.	13413.	1455.0	1044.	14457.
49	9786.	4198.	0.	5588.	9786.	1455.0	784.	10570.
50	10465.	3963.	0.	6502.	10465.	1455.0	839.	11304.
51	17592.	3976.	0.	13616.	17592.	1455.0	1408.	19000.
52	11492.	4094.	0.	7398.	11492.	1455.0	921.	12413.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	9434.	4927.	0.	4507.	9434.	1455.0	415.	9849.
2	8409.	5224.	0.	3185.	8409.	1455.0	370.	8779.
3	7103.	7103.	0.	0.	7103.	1455.0	309.	7412.
4	7349.	7349.	0.	0.	7349.	1455.0	254.	7603.
5	7566.	7566.	0.	0.	7566.	1455.0	268.	7834.
6	7845.	7845.	0.	0.	7845.	1455.0	282.	8127.
7	8085.	8085.	0.	0.	8085.	1455.0	211.	8296.
8	8382.	8382.	0.	0.	8382.	1455.0	215.	8597.
9	8659.	8659.	0.	0.	8659.	1455.0	202.	8861.
10	8905.	8905.	0.	0.	8905.	1455.0	98.	9003.
11	9082.	9082.	0.	0.	9082.	1455.0	76.	9158.
12	8816.	8816.	0.	0.	8816.	1455.0	71.	8887.
13	8343.	8343.	0.	0.	8343.	1455.0	68.	8411.
14	8125.	8125.	0.	0.	8125.	1455.0	47.	8172.
15	8109.	8109.	0.	0.	8109.	1455.0	54.	8163.
16	8085.	8085.	0.	0.	8085.	1455.0	63.	8148.
17	8059.	8059.	0.	0.	8059.	1455.0	68.	8127.
18	8026.	8026.	0.	0.	8026.	1455.0	67.	8093.
19	8138.	8138.	0.	0.	8138.	1455.0	174.	8312.
20	8058.	8058.	0.	0.	8058.	1455.0	146.	8204.
21	7979.	7979.	0.	0.	7979.	1455.0	116.	8095.
22	7861.	7861.	0.	0.	7861.	1455.0	109.	7970.
23	7477.	7477.	0.	0.	7477.	1455.0	109.	7586.
24	7233.	7233.	0.	0.	7233.	1455.0	116.	7349.
25	6982.	6982.	0.	0.	6982.	1455.0	119.	7101.
26	6837.	6837.	0.	0.	6837.	1455.0	121.	6958.
27	6745.	6745.	0.	0.	6745.	1455.0	251.	6996.
28	6553.	6553.	0.	0.	6553.	1455.0	261.	6814.
29	6364.	6364.	0.	0.	6364.	1455.0	278.	6642.
30	6205.	6205.	0.	0.	6205.	1455.0	360.	6565.
31	6001.	6001.	0.	0.	6001.	1455.0	427.	6428.
32	6535.	6535.	0.	0.	6535.	1455.0	1161.	7696.
33	6449.	6449.	0.	0.	6449.	1455.0	1165.	7614.
34	6067.	6067.	0.	0.	6067.	1455.0	767.	6834.
35	6371.	6371.	0.	0.	6371.	1455.0	1059.	7430.
36	4677.	7998.	464.	0.	8462.	1448.7	538.	9000.
37	4469.	7990.	521.	0.	8511.	1440.5	489.	9000.
38	4527.	7996.	478.	0.	8474.	1432.4	526.	9000.
39	4723.	7956.	431.	0.	8387.	1425.0	613.	9000.
40	5167.	7328.	0.	0.	7328.	1420.6	1672.	9000.
41	9763.	5052.	0.	0.	5052.	1430.1	3948.	9000.
42	26546.	4663.	0.	8994.	13657.	1455.0	3860.	17517.
43	33258.	4513.	0.	28745.	33258.	1455.0	3442.	36700.
44	34363.	4567.	0.	29796.	34363.	1455.0	2533.	36896.
45	34210.	4467.	0.	29743.	34210.	1455.0	1453.	35663.
46	35726.	4450.	0.	31276.	35726.	1455.0	1877.	37603.
47	35907.	2956.	0.	32951.	35907.	1455.0	1488.	37395.
48	34767.	2813.	0.	31953.	34766.	1455.0	1139.	35905.
49	16916.	2685.	0.	14232.	16916.	1455.0	1093.	18009.
50	13620.	2339.	0.	11281.	13620.	1455.0	880.	14500.
51	11366.	2269.	0.	9097.	11366.	1455.0	734.	12100.
52	9251.	2991.	0.	6260.	9251.	1455.0	598.	9849.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	6569.	6441.	0.	128.	6569.	1455.0	1072.	7641.
2	6753.	6753.	0.	0.	6753.	1455.0	1010.	7763.
3	7070.	7070.	0.	0.	7070.	1455.0	1038.	8108.
4	7429.	7429.	0.	0.	7429.	1455.0	1205.	8634.
5	7719.	7719.	0.	0.	7719.	1455.0	471.	8190.
6	7964.	7964.	0.	0.	7964.	1455.0	430.	8394.
7	8250.	8250.	0.	0.	8250.	1455.0	421.	8671.
8	8490.	8490.	0.	0.	8490.	1455.0	354.	8844.
9	8735.	8735.	0.	0.	8735.	1455.0	294.	9029.
10	9052.	9052.	0.	0.	9052.	1455.0	201.	9253.
11	9221.	9221.	0.	0.	9221.	1455.0	192.	9413.
12	8950.	8950.	0.	0.	8950.	1455.0	185.	9135.
13	8478.	8478.	0.	0.	8478.	1455.0	185.	8663.
14	8288.	8288.	0.	0.	8288.	1455.0	216.	8504.
15	8264.	8264.	0.	0.	8264.	1455.0	217.	8481.
16	8233.	8233.	0.	0.	8233.	1455.0	217.	8450.
17	8202.	8202.	0.	0.	8202.	1455.0	217.	8419.
18	8161.	8161.	0.	0.	8161.	1455.0	208.	8369.
19	8202.	8202.	0.	0.	8202.	1455.0	246.	8448.
20	8088.	8088.	0.	0.	8088.	1455.0	179.	8267.
21	7991.	7991.	0.	0.	7991.	1455.0	131.	8122.
22	7871.	7871.	0.	0.	7871.	1455.0	118.	7989.
23	7468.	7468.	0.	0.	7468.	1455.0	99.	7567.
24	7218.	7218.	0.	0.	7218.	1455.0	99.	7317.
25	6973.	6973.	0.	0.	6973.	1455.0	104.	7077.
26	6855.	6855.	0.	0.	6855.	1455.0	134.	6989.
27	6812.	6812.	0.	0.	6812.	1455.0	214.	7026.
28	6617.	6617.	0.	0.	6617.	1455.0	214.	6831.
29	6437.	6437.	0.	0.	6437.	1455.0	237.	6674.
30	6304.	6304.	0.	0.	6304.	1455.0	314.	6618.
31	5975.	5975.	0.	0.	5975.	1455.0	351.	6326.
32	6166.	6166.	0.	0.	6166.	1455.0	893.	7059.
33	6502.	6502.	0.	0.	6502.	1455.0	1655.	8157.
34	6727.	6727.	0.	0.	6727.	1455.0	2223.	8950.
35	6824.	6824.	0.	0.	6824.	1455.0	2171.	8995.
36	6495.	7507.	0.	0.	7507.	1453.4	1493.	9000.
37	5653.	7752.	0.	0.	7752.	1450.0	1248.	9000.
38	6678.	7352.	0.	0.	7352.	1448.7	1648.	9000.
39	6348.	7402.	0.	0.	7402.	1446.5	1598.	9000.
40	4771.	7479.	731.	0.	8210.	1439.5	790.	9000.
41	5222.	7532.	490.	0.	8022.	1433.8	978.	9000.
42	5242.	7577.	431.	0.	8007.	1428.2	993.	9000.
43	25662.	4572.	0.	7247.	11818.	1455.0	1114.	12932.
44	22303.	4536.	0.	17767.	22303.	1455.0	1354.	23657.
45	15386.	4419.	0.	10967.	15386.	1455.0	1243.	16629.
46	13388.	4387.	0.	9001.	13388.	1455.0	1083.	14471.
47	11684.	4291.	0.	7393.	11684.	1455.0	945.	12629.
48	13035.	4239.	0.	8796.	13035.	1455.0	979.	14014.
49	12548.	4207.	0.	8341.	12548.	1455.0	938.	13486.
50	15713.	3980.	0.	11733.	15713.	1455.0	1173.	16886.
51	24712.	3994.	0.	20718.	24712.	1455.0	1845.	26557.
52	13620.	4101.	0.	9520.	13620.	1455.0	1018.	14638.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING DEVIL CNYN-GOLD CREEK FLOW	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	9491.	4926.	0.	4565.	9491.	1455.0	938.	10429.
2	7464.	6856.	0.	608.	7464.	1455.0	737.	8201.
3	7330.	7330.	0.	0.	7330.	1455.0	600.	7930.
4	7399.	7399.	0.	0.	7399.	1455.0	352.	7751.
5	7537.	7537.	0.	0.	7537.	1455.0	211.	7748.
6	7822.	7822.	0.	0.	7822.	1455.0	196.	8018.
7	8107.	8107.	0.	0.	8107.	1455.0	185.	8292.
8	8392.	8392.	0.	0.	8392.	1455.0	174.	8566.
9	8673.	8673.	0.	0.	8673.	1455.0	165.	8838.
10	9055.	9055.	0.	0.	9055.	1455.0	159.	9214.
11	9236.	9236.	0.	0.	9236.	1455.0	158.	9394.
12	8970.	8970.	0.	0.	8970.	1455.0	158.	9128.
13	8504.	8504.	0.	0.	8504.	1455.0	169.	8673.
14	8291.	8291.	0.	0.	8291.	1455.0	202.	8493.
15	8240.	8240.	0.	0.	8240.	1455.0	175.	8415.
16	8191.	8191.	0.	0.	8191.	1455.0	155.	8346.
17	8151.	8151.	0.	0.	8151.	1455.0	146.	8297.
18	8112.	8112.	0.	0.	8112.	1455.0	144.	8256.
19	8103.	8103.	0.	0.	8103.	1455.0	131.	8234.
20	8063.	8063.	0.	0.	8063.	1455.0	141.	8204.
21	8015.	8015.	0.	0.	8015.	1455.0	144.	8159.
22	7896.	7896.	0.	0.	7896.	1455.0	136.	8032.
23	7479.	7479.	0.	0.	7479.	1455.0	104.	7583.
24	7222.	7222.	0.	0.	7222.	1455.0	98.	7320.
25	6966.	6966.	0.	0.	6966.	1455.0	95.	7061.
26	6814.	6814.	0.	0.	6814.	1455.0	87.	6901.
27	6728.	6728.	0.	0.	6728.	1455.0	159.	6887.
28	6533.	6533.	0.	0.	6533.	1455.0	163.	6696.
29	6349.	6349.	0.	0.	6349.	1455.0	190.	6539.
30	6188.	6188.	0.	0.	6188.	1455.0	256.	6444.
31	6092.	6092.	0.	0.	6092.	1455.0	490.	6582.
32	6476.	6476.	0.	0.	6476.	1455.0	1139.	7615.
33	6974.	6974.	0.	0.	6974.	1455.0	1967.	8941.
34	6738.	6738.	0.	0.	6738.	1455.0	1747.	8485.
35	7187.	7187.	0.	0.	7187.	1455.0	2147.	9334.
36	5760.	7977.	125.	0.	8102.	1451.3	898.	9000.
37	4928.	7942.	414.	0.	8356.	1444.6	644.	9000.
38	5293.	7921.	295.	0.	8216.	1438.7	784.	9000.
39	5196.	7857.	366.	0.	8223.	1432.5	777.	9000.
40	4517.	7664.	197.	0.	7861.	1425.7	1139.	9000.
41	4243.	7735.	283.	0.	8018.	1418.0	982.	9000.
42	3970.	7818.	362.	0.	8180.	1409.5	820.	9000.
43	16738.	0.	8115.	0.	8115.	1427.0	885.	9000.
44	19944.	4626.	3305.	0.	7930.	1451.2	1070.	9000.
45	25388.	4455.	0.	18521.	22976.	1455.0	1198.	24174.
46	23520.	4415.	0.	19105.	23520.	1455.0	1109.	24629.
47	20778.	4317.	0.	16461.	20778.	1455.0	979.	21757.
48	25284.	4273.	0.	21011.	25284.	1455.0	1245.	26529.
49	17691.	4223.	0.	13468.	17691.	1455.0	1266.	18957.
50	10946.	3965.	0.	6981.	10946.	1455.0	783.	11729.
51	9644.	3950.	0.	5694.	9644.	1455.0	690.	10334.
52	11085.	4092.	0.	6993.	11085.	1455.0	792.	11877.

TABLE 27 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR EARLY STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON TURBINE DISCHARGE	OUTFLOW CONE ENVIRON. RELEASE	OUTFLOW VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING DEVIL CNYN-GOLD CREEK FLOW	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	9491.	4926.	0.	4565.	9491.	1455.0	938.	10429.
2	7464.	6856.	0.	608.	7464.	1455.0	737.	8201.
3	7330.	7330.	0.	0.	7330.	1455.0	600.	7930.
4	7399.	7399.	0.	0.	7399.	1455.0	352.	7751.
5	7537.	7537.	0.	0.	7537.	1455.0	211.	7748.
6	7822.	7822.	0.	0.	7822.	1455.0	196.	8018.
7	8107.	8107.	0.	0.	8107.	1455.0	185.	8292.
8	8392.	8392.	0.	0.	8392.	1455.0	174.	8566.
9	8673.	8673.	0.	0.	8673.	1455.0	165.	8838.
10	9055.	9055.	0.	0.	9055.	1455.0	159.	9214.
11	9236.	9236.	0.	0.	9236.	1455.0	158.	9394.
12	8970.	8970.	0.	0.	8970.	1455.0	158.	9128.
13	8504.	8504.	0.	0.	8504.	1455.0	169.	8673.
14	8291.	8291.	0.	0.	8291.	1455.0	202.	8493.
15	8240.	8240.	0.	0.	8240.	1455.0	175.	8415.
16	8191.	8191.	0.	0.	8191.	1455.0	155.	8346.
17	8151.	8151.	0.	0.	8151.	1455.0	146.	8297.
18	8112.	8112.	0.	0.	8112.	1455.0	144.	8256.
19	8103.	8103.	0.	0.	8103.	1455.0	131.	8234.
20	8063.	8063.	0.	0.	8063.	1455.0	141.	8204.
21	8015.	8015.	0.	0.	8015.	1455.0	144.	8159.
22	7896.	7896.	0.	0.	7896.	1455.0	136.	8032.
23	7479.	7479.	0.	0.	7479.	1455.0	104.	7583.
24	7222.	7222.	0.	0.	7222.	1455.0	98.	7320.
25	6966.	6966.	0.	0.	6966.	1455.0	95.	7061.
26	6814.	6814.	0.	0.	6814.	1455.0	87.	6901.
27	6728.	6728.	0.	0.	6728.	1455.0	159.	6887.
28	6533.	6533.	0.	0.	6533.	1455.0	163.	6696.
29	6349.	6349.	0.	0.	6349.	1455.0	190.	6539.
30	6188.	6188.	0.	0.	6188.	1455.0	256.	6444.
31	6092.	6092.	0.	0.	6092.	1455.0	490.	6582.
32	6476.	6476.	0.	0.	6476.	1455.0	1139.	7615.
33	6974.	6974.	0.	0.	6974.	1455.0	1967.	8941.
34	6738.	6738.	0.	0.	6738.	1455.0	1747.	8485.
35	7187.	7187.	0.	0.	7187.	1455.0	2147.	9334.
36	5760.	7977.	125.	0.	8102.	1451.3	898.	9000.
37	4928.	7942.	414.	0.	8356.	1444.6	644.	9000.
38	5293.	7921.	295.	0.	8216.	1438.7	784.	9000.
39	5196.	7857.	366.	0.	8223.	1432.5	777.	9000.
40	4517.	7664.	197.	0.	7861.	1425.7	1139.	9000.
41	4243.	7735.	283.	0.	8018.	1418.0	982.	9000.
42	3970.	7818.	362.	0.	8180.	1409.5	820.	9000.
43	16738.	0.	8115.	0.	8115.	1427.0	885.	9000.
44	19944.	4626.	3305.	0.	7930.	1451.2	1070.	9000.
45	25388.	4455.	0.	18521.	22976.	1455.0	1198.	24174.
46	23520.	4415.	0.	19105.	23520.	1455.0	1109.	24629.
47	20778.	4317.	0.	16461.	20778.	1455.0	979.	21757.
48	25284.	4273.	0.	21011.	25284.	1455.0	1245.	26529.
49	17691.	4223.	0.	13468.	17691.	1455.0	1266.	18957.
50	10946.	3965.	0.	6981.	10946.	1455.0	783.	11729.
51	9644.	3950.	0.	5694.	9644.	1455.0	690.	10334.
52	11085.	4092.	0.	6993.	11085.	1455.0	792.	11877.

TABLE 28

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951 1	7061.	5745.	12175.	17920.	62517.	68262.
2	7539.	5774.	9699.	15473.	62154.	67928.
3	8252.	5228.	7113.	12341.	48027.	53255.
4	7183.	7183.	4858.	12041.	33011.	40194.
5	7425.	7425.	3804.	11229.	20313.	27738.
6	7727.	7727.	2924.	10651.	14835.	22562.
7	8021.	8021.	2535.	10656.	16185.	24206.
8	8320.	8320.	2667.	10987.	10868.	19188.
9	8606.	8606.	2700.	11306.	9795.	18401.
10	8999.	8999.	2575.	11574.	10095.	19094.
11	9184.	9184.	2361.	11545.	9855.	19039.
12	8919.	8919.	2084.	11003.	7531.	16450.
13	8445.	8445.	2025.	10470.	6997.	15442.
14	8188.	8188.	2257.	10445.	6314.	14502.
15	8166.	8166.	2142.	10308.	6131.	14297.
16	8139.	8139.	2378.	10517.	7106.	15245.
17	8113.	8113.	2442.	10555.	7314.	15427.
18	8078.	8078.	2235.	10313.	8242.	16320.
19	8088.	8088.	2192.	10280.	8365.	16453.
20	8041.	8041.	1992.	10033.	7518.	15559.
21	7993.	7993.	1943.	9936.	7644.	15637.
22	7883.	7883.	1572.	9455.	6386.	14269.
23	7490.	7490.	1374.	8864.	6233.	13723.
24	7238.	7238.	1344.	8582.	5746.	12984.
25	6985.	6985.	1354.	8339.	5425.	12410.
26	6839.	6839.	1350.	8189.	6014.	12853.
27	6758.	6758.	1387.	8145.	5311.	12069.
28	6575.	6575.	1644.	8219.	6601.	13176.
29	6410.	6410.	2414.	8824.	7045.	13455.
30	6280.	6280.	3641.	9921.	10068.	16348.
31	6173.	6173.	6027.	12200.	21293.	27466.
32	6733.	6733.	13183.	19916.	50770.	57503.
33	6757.	6757.	13525.	20282.	49716.	56473.
34	6114.	6114.	11688.	17802.	58067.	64181.
35	6470.	6470.	17653.	24123.	52520.	58990.
36	5154.	8180.	27835.	360 5.	73693.	81873.
37	4515.	8408.	37017.	45425.	93698.	102106.
38	3924.	8625.	26208.	34833.	81547.	90172.
39	4232.	8471.	31687.	40158.	103314.	111785.
40	4413.	8349.	36174.	44523.	103079.	111428.
41	4665.	8236.	44050.	52286.	123791.	132027.
42	6398.	8270.	43363.	51633.	106147.	114417.
43	8328.	8328.	36828.	45156.	85598.	93926.
44	7630.	7630.	35705.	43335.	93122.	100752.
45	7602.	7602.	35430.	43032.	102631.	110233.
46	7515.	7515.	28607.	36122.	83552.	91067.
47	13903.	7546.	23655.	31201.	84317.	91863.
48	23677.	7077.	30015.	37092.	66513.	73590.
49	28254.	25974.	31211.	57185.	72300.	98274.
50	17550.	17550.	20277.	37827.	59523.	77073.
51	18128.	18128.	17382.	35510.	78335.	96463.
52	15345.	15345.	16876.	32221.	47315.	62660.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1952 1	8578.	8578.	11727.	20305.	31953.	40531.
2	6802.	6802.	8902.	15704.	30912.	37714.
3	7014.	7014.	6768.	13782.	26026.	33040.
4	7266.	7266.	6366.	13632.	18523.	25789.
5	7596.	7596.	6574.	14170.	14724.	22320.
6	7879.	7879.	5335.	13214.	12114.	19993.
7	8113.	8113.	4313.	12426.	10542.	18655.
8	8407.	8407.	3907.	12314.	12223.	20630.
9	8681.	8681.	3528.	12209.	12537.	21218.
10	9040.	9040.	3487.	12527.	8960.	18000.
11	9223.	9223.	3672.	12895.	9525.	18748.
12	8958.	8958.	3599.	12557.	9215.	18173.
13	8483.	8483.	3352.	11835.	8243.	16726.
14	8221.	8221.	2800.	11021.	6383.	14604.
15	8194.	8194.	2510.	10704.	6398.	14592.
16	8164.	8164.	2503.	10667.	6533.	14697.
17	8135.	8135.	2400.	10535.	6209.	14344.
18	8080.	8080.	2148.	10228.	5514.	13594.
19	8046.	8046.	1623.	9669.	5087.	13133.
20	7998.	7998.	1575.	9573.	5010.	13008.
21	7950.	7950.	1396.	9346.	5201.	13151.
22	7841.	7841.	1362.	9203.	5124.	12965.
23	7458.	7458.	1437.	8895.	5236.	12694.
24	7208.	7208.	1483.	8691.	5198.	12406.
25	6956.	6956.	1594.	8550.	4860.	11816.
26	6811.	6811.	1771.	8582.	4267.	11078.
27	6708.	6708.	1780.	8488.	3877.	10585.
28	6513.	6513.	1571.	8084.	3355.	9868.
29	6315.	6315.	1608.	7923.	3142.	9457.
30	6120.	6120.	2075.	8195.	4252.	10372.
31	5887.	5887.	2838.	8725.	4826.	10713.
32	5832.	5832.	3953.	9785.	12575.	18407.
33	5809.	5809.	6026.	11835.	30934.	36743.
34	5920.	5920.	9454.	15374.	44179.	50099.
35	7095.	7095.	34728.	41823.	52604.	59699.
36	6990.	7337.	41371.	48708.	69209.	76546.
37	7931.	7584.	56475.	64059.	62070.	69654.
38	8011.	8011.	50179.	58190.	67373.	75384.
39	7448.	7448.	51710.	59158.	85180.	92628.
40	5711.	7826.	47382.	55208.	86793.	94619.
41	4833.	8167.	41385.	49552.	89861.	98028.
42	5382.	7935.	48645.	56580.	93435.	101370.
43	5593.	7846.	45230.	53076.	91683.	99529.
44	24932.	14677.	54196.	68873.	88321.	102998.
45	22572.	22572.	44368.	66940.	95440.	118012.
46	17722.	17722.	36911.	54633.	91514.	109236.
47	13454.	13454.	29028.	42482.	69661.	83115.
48	15784.	15784.	28728.	44512.	52384.	68168.
49	18093.	18093.	27639.	45732.	46692.	64785.
50	12236.	12236.	22095.	34331.	44799.	57035.
51	10567.	10567.	17263.	27830.	47371.	57938.
52	12646.	12646.	27030.	39676.	63010.	75656.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1953 1	10249.	10249.	19720.	29969.	39079.	49328.
2	9557.	9557.	18255.	27812.	39597.	49154.
3	7331.	7331.	11726.	19057.	27427.	34758.
4	7481.	7481.	6913.	14394.	20052.	27533.
5	7702.	7702.	5523.	13225.	18701.	26403.
6	7945.	7945.	4541.	12486.	19963.	27908.
7	8128.	8128.	3885.	12013.	15561.	23689.
8	8468.	8468.	4175.	12643.	13058.	21526.
9	8682.	8682.	3453.	12135.	13519.	22201.
10	9031.	9031.	2514.	11545.	10163.	19194.
11	9214.	9214.	2521.	11735.	8051.	17265.
12	8950.	8950.	2595.	11545.	9916.	18866.
13	8476.	8476.	2547.	11023.	8199.	16675.
14	8196.	8196.	2265.	10461.	8488.	16684.
15	8166.	8166.	2089.	10255.	7248.	15414.
16	8136.	8136.	2011.	10147.	7557.	15693.
17	8108.	8108.	1866.	9974.	7560.	15668.
18	8063.	8063.	1731.	9794.	6675.	14738.
19	8054.	8054.	1580.	9634.	6762.	14816.
20	8007.	8007.	1578.	9585.	6643.	14650.
21	7959.	7959.	1516.	9475.	5639.	13598.
22	7852.	7852.	1450.	9302.	5296.	13148.
23	7449.	7449.	1453.	8902.	5329.	12778.
24	7199.	7199.	1392.	8591.	4514.	11713.
25	6947.	6947.	1418.	8365.	4282.	11229.
26	6802.	6802.	1426.	8228.	4570.	11372.
27	6680.	6680.	1811.	8491.	4626.	11306.
28	6486.	6486.	2057.	8543.	4857.	11343.
29	6298.	6298.	3061.	9359.	5214.	11512.
30	6117.	6117.	4843.	10960.	6931.	13048.
31	6658.	6658.	12137.	18795.	14326.	20984.
32	6978.	6978.	18739.	25717.	22424.	29402.
33	6778.	6778.	18533.	25311.	36637.	43415.
34	7546.	7546.	35432.	42978.	50299.	57845.
35	7043.	7043.	31055.	38098.	56391.	63434.
36	7925.	7957.	40562.	48519.	51419.	59376.
37	7265.	7233.	41639.	48872.	66180.	73413.
38	6229.	7472.	35611.	43083.	73408.	80880.
39	6786.	7211.	38535.	45746.	96998.	104209.
40	4478.	7885.	32286.	40171.	94671.	102556.
41	4286.	7991.	31543.	39534.	103844.	111835.
42	4404.	7904.	32042.	39946.	104446.	112350.
43	18723.	7861.	32669.	40530.	92403.	100264.
44	24005.	22586.	35953.	58539.	112808.	135394.
45	20575.	20575.	32580.	53155.	116457.	137032.
46	16487.	16487.	26125.	42612.	106610.	123097.
47	16972.	16972.	28641.	45613.	86974.	103946.
48	20191.	20191.	28963.	49154.	74717.	94908.
49	17049.	17049.	33943.	50992.	68708.	85757.
50	15531.	15531.	30408.	45939.	86311.	101842.
51	12951.	12951.	21300.	34251.	125879.	138830.
52	9867.	9867.	14783.	24650.	78449.	88316.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1954 1	7420.	7420.	9748.	17168.	37348.	44768.
2	7010.	7010.	8429.	15439.	42883.	49893.
3	7168.	7168.	6707.	13875.	49645.	56813.
4	7393.	7393.	4878.	12271.	34811.	42204.
5	7541.	7541.	2920.	10461.	20163.	27704.
6	7830.	7830.	2927.	10757.	20415.	28245.
7	8111.	8111.	3137.	11248.	17747.	25858.
8	8398.	8398.	3001.	11399.	14575.	22973.
9	8671.	8671.	2584.	11255.	10859.	19530.
10	9016.	9016.	2429.	11445.	9720.	18736.
11	9200.	9200.	2469.	11669.	10734.	19934.
12	8935.	8935.	2490.	11425.	9213.	18148.
13	8461.	8461.	2202.	10663.	7526.	15987.
14	8187.	8187.	2016.	10203.	8163.	16350.
15	8162.	8162.	1976.	10138.	7843.	16005.
16	8132.	8132.	2005.	10137.	7054.	15186.
17	8104.	8104.	1887.	9991.	6105.	14209.
18	8064.	8064.	1830.	9894.	5607.	13671.
19	8075.	8075.	1733.	9808.	5668.	13743.
20	8027.	8027.	1754.	9781.	6085.	14112.
21	7979.	7979.	1603.	9582.	5686.	13665.
22	7866.	7866.	1650.	9516.	5793.	13659.
23	7466.	7466.	1548.	3014.	6264.	13730.
24	7216.	7216.	1541.	8757.	5939.	13155.
25	6964.	6964.	1453.	8417.	5264.	12228.
26	6818.	6818.	1425.	8243.	5340.	12158.
27	6724.	6724.	1664.	8388.	5258.	11982.
28	6529.	6529.	1561.	8090.	5004.	11533.
29	6361.	6361.	2062.	8423.	5967.	12328.
30	6171.	6171.	2051.	8222.	6432.	12603.
31	6473.	6473.	5601.	12074.	27738.	34211.
32	7070.	7070.	7234.	14304.	33285.	40355.
33	7829.	7829.	16853.	24682.	41816.	49645.
34	8066.	8066.	16715.	24781.	44121.	52187.
35	7869.	7869.	20102.	27971.	42515.	50384.
36	7315.	7315.	25479.	32794.	53196.	60511.
37	7152.	7152.	32374.	39526.	54159.	61311.
38	6870.	7146.	35967.	43113.	61676.	68822.
39	7389.	7113.	38167.	45280.	84524.	91637.
40	6143.	6127.	36028.	42155.	82344.	88471.
41	5111.	6708.	36304.	43012.	83826.	90534.
42	4985.	6771.	33787.	40558.	74969.	81740.
43	5017.	6771.	33951.	40722.	68062.	74833.
44	7890.	6867.	48516.	55383.	73656.	80523.
45	19132.	15034.	42781.	57815.	83599.	98633.
46	23623.	23623.	43517.	67140.	79453.	103076.
47	23623.	23623.	38591.	62214.	75315.	98938.
48	22350.	22350.	32183.	54533.	56736.	79086.
49	14288.	14288.	22175.	36463.	39787.	54075.
50	12282.	12282.	21460.	33742.	42054.	54336.
51	11456.	11456.	20434.	31890.	60674.	72130.
52	7355.	7355.	16108.	23463.	36133.	43488.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1955 1	6773.	6773.	8462.	15235.	24523.	31296.
2	7043.	7043.	7778.	14821.	30249.	37292.
3	7205.	7205.	7289.	14494.	24138.	31343.
4	7515.	7515.	6627.	14142.	22866.	30381.
5	7660.	7660.	6145.	13805.	19329.	26989.
6	7901.	7901.	4854.	12755.	15943.	23844.
7	8182.	8182.	4023.	12205.	10676.	18858.
8	8450.	8450.	3802.	12252.	8988.	17438.
9	8728.	8728.	3378.	12106.	10433.	19161.
10	9086.	9086.	2874.	11960.	7140.	16226.
11	9265.	9265.	2878.	12143.	7056.	16321.
12	8978.	8978.	2832.	11810.	8224.	17202.
13	8504.	8504.	2702.	11206.	6996.	15500.
14	8261.	8261.	2850.	11111.	7481.	15742.
15	8237.	8237.	2638.	10875.	6519.	14756.
16	8184.	8184.	2256.	10440.	6095.	14279.
17	8146.	8146.	2205.	10351.	6138.	14284.
18	8106.	8106.	1868.	9974.	6254.	14360.
19	8116.	8116.	1681.	9797.	6321.	14437.
20	8067.	8067.	1567.	9634.	5774.	13841.
21	8019.	8019.	1530.	9549.	5596.	13615.
22	7898.	7898.	1447.	9345.	5596.	13494.
23	7476.	7476.	1375.	8851.	5730.	13206.
24	7225.	7225.	1505.	8730.	5263.	12488.
25	6973.	6973.	1487.	8460.	4457.	11430.
26	6827.	6827.	1693.	8520.	5062.	11889.
27	6739.	6739.	2058.	8797.	5393.	12132.
28	6543.	6543.	1994.	8537.	5201.	11744.
29	6345.	6345.	2026.	8371.	5112.	11457.
30	6150.	6150.	2099.	8249.	6561.	12711.
31	6118.	6118.	3841.	9959.	12190.	18308.
32	6141.	6141.	5983.	12124.	22869.	29010.
33	6143.	6143.	6702.	12845.	50359.	56502.
34	7067.	7067.	14282.	21349.	60856.	67923.
35	7156.	7156.	15488.	22644.	69216.	76372.
36	5421.	7794.	23569.	31363.	88460.	96254.
37	7290.	7032.	36681.	43713.	75258.	82290.
38	7542.	6865.	38159.	45024.	83668.	90533.
39	6947.	7002.	43396.	50398.	98754.	105756.
40	5900.	7608.	46414.	54022.	116696.	124304.
41	5347.	7837.	52017.	59854.	135958.	143795.
42	4725.	8102.	49992.	58094.	137176.	145278.
43	17812.	8744.	43304.	52048.	128999.	137743.
44	22103.	22103.	38951.	61054.	103293.	125396.
45	20433.	20433.	37150.	57583.	110103.	130536.
46	20965.	20965.	32654.	53619.	113139.	134104.
47	25488.	25488.	27216.	52704.	82232.	107720.
48	32358.	32358.	28356.	60714.	47860.	80218.
49	22442.	22442.	26701.	49143.	57015.	79457.
50	14219.	14219.	29830.	44049.	69023.	83242.
51	11555.	11555.	22986.	34541.	69317.	80872.
52	9100.	9100.	22001.	31101.	70424.	79524.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1956 1	6868.	6868.	13800.	20668.	41203.	48071.
2	6734.	6734.	10675.	17409.	48245.	54979.
3	6986.	6986.	7711.	14697.	48840.	55826.
4	7260.	7260.	5874.	13134.	37549.	44809.
5	7457.	7457.	3862.	11319.	22111.	29568.
6	7738.	7738.	2903.	10641.	16444.	24182.
7	8025.	8025.	3155.	11180.	13535.	21560.
8	8313.	8313.	3191.	11504.	12499.	20812.
9	8595.	8595.	3016.	11611.	10940.	19535.
10	8982.	8982.	2432.	11414.	8605.	17587.
11	9167.	9167.	2451.	11618.	9621.	18788.
12	8922.	8922.	2498.	11420.	8420.	17342.
13	8448.	8448.	2710.	11158.	9357.	17805.
14	8174.	8174.	2336.	10510.	8480.	16654.
15	8148.	8148.	2124.	10272.	8165.	16313.
16	8119.	8119.	1931.	10050.	7098.	15217.
17	8092.	8092.	1870.	9962.	7198.	15290.
18	8062.	8062.	1791.	9853.	7422.	15484.
19	8089.	8089.	1660.	9769.	7057.	15146.
20	8041.	8041.	1844.	9885.	6760.	14801.
21	7993.	7993.	1658.	9651.	6409.	14402.
22	7884.	7884.	1726.	9610.	6277.	14161.
23	7511.	7511.	1720.	9231.	5387.	12898.
24	7259.	7259.	1738.	8997.	5337.	12596.
25	7007.	7007.	1691.	8698.	4464.	11471.
26	6861.	6861.	1681.	8542.	4598.	11459.
27	6756.	6756.	1679.	8435.	5163.	11919.
28	6560.	6560.	1635.	8195.	4492.	11052.
29	6362.	6362.	1740.	8102.	4712.	11074.
30	6168.	6168.	1566.	7734.	5867.	12035.
31	6037.	6037.	3046.	9083.	10207.	16244.
32	6747.	6747.	10652.	17399.	36374.	43121.
33	7104.	7104.	13233.	20337.	39736.	46840.
34	8812.	8812.	23615.	32427.	42313.	51125.
35	7453.	7453.	26836.	34289.	73976.	81429.
36	7433.	7433.	39172.	46605.	119423.	126856.
37	8069.	8069.	52672.	60741.	125337.	133406.
38	7146.	7146.	43985.	51131.	115462.	122608.
39	6590.	7077.	41853.	48930.	111854.	118931.
40	5811.	7349.	37032.	44381.	101962.	109311.
41	8451.	7199.	42406.	49605.	111465.	118664.
42	30181.	29408.	45944.	75352.	109183.	138591.
43	29454.	29454.	45115.	74569.	93454.	122908.
44	29030.	29030.	41683.	70713.	97378.	126408.
45	26510.	26510.	35585.	62095.	97244.	123754.
46	23956.	23956.	29806.	53762.	89972.	113928.
47	19099.	19099.	25162.	44261.	59787.	78886.
48	16306.	16306.	21325.	37631.	45725.	62031.
49	14339.	14339.	23409.	37748.	32976.	47315.
50	20101.	20101.	26984.	47085.	37118.	57219.
51	19588.	19588.	32131.	51719.	58999.	78587.
52	12547.	12547.	22311.	34858.	37994.	50541.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1957 1	6821.	6821.	10685.	17506.	25270.	32091.
2	7130.	7130.	8860.	15990.	20067.	27197.
3	7217.	7217.	5915.	13132.	17058.	24275.
4	7491.	7491.	5217.	12708.	17569.	25060.
5	7663.	7663.	5083.	12746.	16389.	24052.
6	7916.	7916.	4241.	12157.	18271.	26187.
7	8199.	8199.	3703.	11902.	15996.	24195.
8	8480.	8480.	3396.	11876.	10510.	18990.
9	8751.	8751.	3215.	11966.	9133.	17884.
10	9063.	9063.	2660.	11723.	5868.	14931.
11	9239.	9239.	2818.	12057.	5157.	14396.
12	8945.	8945.	2886.	11831.	4991.	13936.
13	8471.	8471.	2988.	11459.	5251.	13722.
14	8214.	8214.	2625.	10839.	5446.	13660.
15	8187.	8187.	2790.	10977.	5674.	13861.
16	8157.	8157.	2712.	10869.	5756.	13913.
17	8127.	8127.	2706.	10833.	5693.	13820.
18	8088.	8088.	2467.	10555.	5713.	13801.
19	8095.	8095.	2182.	10277.	6153.	14248.
20	8047.	8047.	1955.	10002.	5387.	13434.
21	7998.	7998.	1957.	9955.	6123.	14121.
22	7879.	7879.	2003.	9882.	5023.	12902.
23	7487.	7487.	2011.	9498.	4791.	12278.
24	7236.	7236.	2001.	9237.	4770.	12006.
25	6984.	6984.	1999.	8983.	4542.	11526.
26	6839.	6839.	2005.	8844.	4615.	11454.
27	6733.	6733.	2020.	8753.	4231.	10964.
28	6537.	6537.	1869.	8406.	3850.	10387.
29	6340.	6340.	2039.	8379.	4621.	10961.
30	6145.	6145.	2144.	8289.	6605.	12750.
31	6074.	6074.	4287.	10361.	11095.	17169.
32	6207.	6207.	7784.	13991.	25132.	31339.
33	6454.	6454.	9352.	15806.	47723.	54177.
34	7399.	7399.	17621.	25020.	53035.	60434.
35	8290.	8290.	32918.	41208.	81114.	89404.
36	7354.	7354.	37504.	44858.	106790.	114144.
37	6832.	7273.	39866.	47139.	97550.	104823.
38	6123.	7468.	42566.	50034.	107938.	115406.
39	4874.	7952.	36005.	43957.	93278.	101230.
40	4877.	7781.	38846.	46627.	81399.	89180.
41	4677.	7880.	41142.	49022.	88287.	96167.
42	6326.	7744.	41939.	49683.	86253.	93997.
43	24581.	12192.	39419.	51611.	76316.	88508.
44	19770.	19770.	36425.	56195.	87450.	107220.
45	19771.	19771.	35917.	55688.	95263.	115034.
46	19663.	19663.	42034.	61697.	105892.	125555.
47	18031.	18031.	35374.	53405.	80910.	98941.
48	19953.	19953.	25646.	45599.	62647.	82600.
49	17237.	17237.	18102.	35339.	48832.	66069.
50	18813.	18813.	18587.	37400.	53777.	72590.
51	18292.	18292.	16116.	34408.	47196.	65488.
52	17567.	17567.	17015.	34582.	40924.	58491.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1958 1	9403.	9403.	11698.	21101.	25051.	34454.
2	8067.	8067.	8985.	17052.	26508.	34575.
3	7408.	7408.	7006.	14414.	17645.	25053.
4	7736.	7736.	7092.	14828.	18661.	26397.
5	7804.	7804.	5908.	13712.	24232.	32036.
6	8025.	8025.	6314.	14339.	25315.	33340.
7	8261.	8261.	5054.	13315.	19239.	27500.
8	8497.	8497.	4301.	12798.	12154.	20651.
9	8815.	8815.	4447.	13262.	14536.	23351.
10	9347.	9347.	4279.	13626.	10585.	19932.
11	9458.	9458.	3812.	13270.	7106.	16564.
12	9090.	9090.	3362.	12452.	5902.	14992.
13	8561.	8561.	3020.	11581.	6638.	15199.
14	8283.	8283.	2702.	10985.	7250.	15533.
15	8232.	8232.	2491.	10723.	7149.	15381.
16	8178.	8178.	2158.	10336.	6595.	14773.
17	8140.	8140.	2128.	10268.	6368.	14508.
18	8079.	8079.	2032.	10111.	6181.	14260.
19	8058.	8058.	1912.	9970.	5684.	13742.
20	7998.	7998.	1831.	9829.	5248.	13246.
21	7942.	7942.	1961.	9903.	5597.	13539.
22	7835.	7835.	2131.	9966.	5658.	13493.
23	7433.	7433.	2248.	9681.	5439.	12872.
24	7181.	7181.	2360.	9541.	6023.	13204.
25	6926.	6926.	2199.	9125.	4613.	11539.
26	6781.	6781.	2044.	8825.	4040.	10821.
27	6701.	6701.	2264.	8965.	4589.	11290.
28	6513.	6513.	2257.	8770.	4636.	11149.
29	6321.	6321.	3049.	9370.	5142.	11463.
30	6143.	6143.	4089.	10232.	5331.	11474.
31	6054.	6054.	8501.	14555.	7111.	13165.
32	6268.	6268.	24395.	30663.	11586.	17854.
33	6427.	6427.	35595.	42022.	31940.	38367.
34	7091.	7091.	44820.	51911.	45057.	52148.
35	7106.	7106.	38649.	45755.	43651.	50757.
36	5554.	8116.	35627.	43743.	48283.	56399.
37	5480.	8116.	45627.	53743.	51192.	59308.
38	5074.	8238.	36605.	44843.	60691.	68929.
39	4807.	8304.	38760.	47064.	77754.	86058.
40	4891.	7248.	36916.	44164.	82537.	89785.
41	4890.	7248.	33846.	41094.	83403.	90651.
42	4893.	7248.	37171.	44419.	74625.	81873.
43	16882.	7280.	41885.	49165.	70300.	77580.
44	33460.	24131.	57408.	81539.	83736.	107867.
45	30364.	30364.	51516.	81880.	84576.	114940.
46	20048.	20048.	54239.	74287.	85371.	105419.
47	16251.	16251.	36755.	53006.	66351.	82602.
48	11239.	11239.	28356.	39595.	53761.	65000.
49	7737.	7737.	19730.	27467.	37097.	44834.
50	7737.	7737.	24121.	31858.	37502.	45239.
51	6151.	6151.	19489.	25640.	37498.	43649.
52	6249.	6249.	19757.	26006.	32808.	39057.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1959 1	6608.	6608.	14531.	21139.	24784.	31392.
2	6857.	6857.	12121.	18978.	23595.	30452.
3	7149.	7149.	9588.	16737.	24004.	31153.
4	7331.	7331.	6556.	13887.	23980.	31311.
5	7521.	7521.	4940.	12461.	17489.	25010.
6	7795.	7795.	4651.	12446.	16057.	23852.
7	8066.	8066.	3972.	12038.	11320.	19386.
8	8333.	8333.	3062.	11395.	7950.	16283.
9	8610.	8610.	2781.	11391.	8596.	17206.
10	8994.	8994.	2174.	11168.	6338.	15332.
11	9189.	9189.	1987.	11176.	6206.	15395.
12	9006.	9006.	2521.	11527.	6263.	15269.
13	8531.	8531.	2444.	10975.	6914.	15445.
14	8250.	8250.	2336.	10586.	5836.	14086.
15	8221.	8221.	2344.	10565.	6061.	14282.
16	8186.	8186.	2169.	10355.	6082.	14268.
17	8155.	8155.	2222.	10377.	6293.	14448.
18	8122.	8122.	2182.	10304.	6119.	14241.
19	8143.	8143.	2077.	10220.	5865.	14008.
20	8090.	8090.	1768.	9858.	5303.	13393.
21	8028.	8028.	1738.	9766.	4873.	12901.
22	7911.	7911.	1696.	9607.	4179.	12090.
23	7518.	7518.	1611.	9129.	4229.	11747.
24	7267.	7267.	1680.	8947.	4294.	11561.
25	7014.	7014.	1827.	8841.	4583.	11597.
26	6869.	6869.	1877.	8746.	4558.	11427.
27	6770.	6770.	1967.	8737.	4809.	11579.
28	6574.	6574.	2077.	8651.	4605.	11179.
29	6413.	6413.	2702.	9115.	5040.	11453.
30	6224.	6224.	3646.	9870.	6371.	12595.
31	6160.	6160.	5002.	11162.	8368.	14528.
32	6292.	6292.	9225.	15517.	19700.	25992.
33	8060.	8060.	26196.	34256.	45346.	53406.
34	9816.	9816.	25436.	35252.	56017.	65833.
35	8521.	8521.	24946.	33467.	57615.	66136.
36	7178.	7178.	26435.	33613.	78289.	85467.
37	5994.	7379.	21815.	29194.	63821.	71200.
38	6616.	7068.	29921.	36989.	79456.	86524.
39	6969.	6840.	40120.	46960.	101843.	108683.
40	5858.	7245.	35979.	43224.	95066.	102311.
41	5649.	7316.	36255.	43571.	100213.	107529.
42	5980.	7175.	39854.	47029.	103701.	110876.
43	5144.	7559.	36198.	43757.	84014.	91573.
44	6981.	7057.	37105.	44162.	79136.	86193.
45	13176.	7559.	34046.	41605.	83159.	90718.
46	22064.	19232.	42749.	61981.	55775.	75007.
47	36618.	36618.	70243.	106861.	57296.	93914.
48	38045.	38045.	47873.	85918.	46387.	84432.
49	31691.	31691.	31387.	63078.	32887.	64578.
50	13349.	13349.	21111.	34460.	24989.	38338.
51	10026.	10026.	13966.	23992.	25613.	35639.
52	9459.	9459.	10688.	20147.	15424.	24883.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1960 1	10007.	10007.	13224.	23231.	19023.	29030.
2	6957.	6957.	9948.	16905.	23079.	30036.
3	7025.	7025.	6155.	13180.	19023.	26048.
4	7408.	7408.	6554.	13962.	15674.	23082.
5	7579.	7579.	5410.	12989.	14813.	22392.
6	7843.	7843.	4375.	12218.	17118.	24961.
7	8128.	8128.	4025.	12153.	11204.	19332.
8	8411.	8411.	3709.	12120.	9214.	17625.
9	8687.	8687.	3671.	12358.	10180.	18867.
10	9058.	9058.	3046.	12104.	6560.	15618.
11	9241.	9241.	3043.	12284.	7895.	17136.
12	8977.	8977.	2889.	11866.	7134.	16111.
13	8521.	8521.	2852.	11373.	6990.	15511.
14	8266.	8266.	2335.	10601.	7509.	15775.
15	8240.	8240.	2573.	10813.	6871.	15111.
16	8191.	8191.	2384.	10575.	6481.	14672.
17	8154.	8154.	2260.	10414.	6439.	14593.
18	8111.	8111.	2124.	10235.	6567.	14678.
19	8093.	8093.	2005.	10098.	6539.	14632.
20	8043.	8043.	1926.	9969.	6752.	14795.
21	7988.	7988.	1733.	9721.	7337.	15325.
22	7878.	7878.	1700.	9578.	7771.	15649.
23	7483.	7483.	1721.	9204.	7789.	15272.
24	7228.	7228.	1619.	8847.	6813.	14041.
25	6966.	6966.	1528.	8494.	6615.	13581.
26	6821.	6821.	1531.	8352.	6875.	13696.
27	6710.	6710.	1703.	8413.	6483.	13193.
28	6515.	6515.	1700.	8215.	5949.	12464.
29	6332.	6332.	1998.	8330.	6991.	13323.
30	6141.	6141.	2088.	8229.	8841.	14982.
31	6121.	6121.	4489.	10610.	27919.	34040.
32	6163.	6163.	9290.	15453.	60480.	66643.
33	6517.	6517.	15898.	22415.	67503.	74020.
34	6932.	6932.	29236.	36168.	60894.	67826.
35	6922.	6922.	34787.	41709.	71052.	77974.
36	4569.	7771.	21971.	29742.	83513.	91284.
37	4572.	7724.	23970.	31694.	73131.	80855.
38	4584.	7679.	27610.	35289.	86823.	94502.
39	4707.	7548.	31277.	38825.	100151.	107699.
40	5007.	8227.	35003.	43230.	104947.	113174.
41	4406.	8426.	29448.	37874.	102756.	111182.
42	4630.	8341.	31267.	39608.	105033.	113374.
43	6101.	8097.	41139.	49236.	144889.	152986.
44	7369.	7011.	47422.	54433.	168946.	175957.
45	21811.	6975.	45457.	52432.	153315.	160290.
46	20681.	10638	37971.	48609.	168334.	178972.
47	19984.	19984.	30633.	50617.	114610.	134594.
48	19226.	19226.	24281.	43507.	83277.	102503.
49	16823.	16823.	15596.	32419.	55603.	72426.
50	26586.	26586.	29950.	56536.	71389.	97975.
51	18844.	18844.	23714.	42558.	70548.	89392.
52	14112.	14112.	21081.	35193.	92789.	106901.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1961 1	11591.	11591.	15686.	27277.	40114.	51705.
2	8418.	8418.	10961.	19379.	29307.	37725.
3	7246.	7246.	8366.	15612.	24774.	32020.
4	7420.	7420.	6193.	13613.	18165.	25585.
5	7610.	7610.	4454.	12064.	9405.	17015.
6	7887.	7887.	4213.	12100.	12556.	20443.
7	8163.	8163.	3976.	12139.	10699.	18862.
8	8432.	8432.	3362.	11794.	10374.	18806.
9	8722.	8722.	3359.	12081.	10998.	19720.
10	9165.	9165.	3543.	12708.	9078.	18242.
11	9340.	9340.	3434.	12774.	8566.	17906.
12	9042.	9042.	3119.	12161.	7210.	16252.
13	8567.	8567.	3212.	11779.	7009.	15576.
14	8322.	8322.	2913.	11235.	7646.	15968.
15	8295.	8295.	2683.	10978.	6210.	14505.
16	8270.	8270.	2756.	11026.	6459.	14729.
17	8242.	8242.	2778.	11020.	6522.	14764.
18	8174.	8174.	2492.	10666.	6888.	15062.
19	8125.	8125.	2121.	10246.	7478.	15603.
20	8072.	8072.	2080.	10152.	8013.	16085.
21	8017.	8017.	2076.	10093.	8384.	16401.
22	7906.	7906.	2023.	9929.	7783.	15689.
23	7518.	7518.	1825.	9343.	6903.	14421.
24	7281.	7281.	1901.	9182.	6262.	13543.
25	7067.	7067.	2110.	9177.	6294.	13361.
26	6920.	6920.	2009.	8929.	5947.	12867.
27	6841.	6841.	2727.	9568.	6910.	13751.
28	6644.	6644.	2859.	9503.	6150.	12794.
29	6466.	6466.	3050.	9516.	6466.	12932.
30	6273.	6273.	3336.	9609.	7993.	14266.
31	6288.	6288.	4943.	11231.	21593.	27881.
32	6606.	6606.	11849.	18455.	52716.	59322.
33	7205.	7205.	18770.	25975.	63135.	70340.
34	7042.	7042.	18536.	25578.	60707.	67749.
35	6913.	6913.	20159.	27072.	63497.	70410.
36	6348.	7354.	21000.	28354.	79940.	87294.
[illegible]	8121.	7115.	35619.	42734.	87432.	94547.
38	8540.	8540.	40856.	49396.	86766.	95306.
39	7562.	7599.	38788.	46387.	98870.	106469.
40	5716.	7299.	36583.	43882.	91708.	99007.
41	8402.	7214.	34338.	41552.	100412.	107626.
42	23150.	22718.	38298.	61016.	107243.	129961.
43	23984.	23984.	45599.	69583.	104495.	128479.
44	24592.	24592.	42092.	66684.	98049.	122641.
45	25061.	25061.	45563.	70624.	112108.	137169.
46	21399.	21399.	32053.	53452.	97161.	118560.
47	20310.	20310.	38823.	59133.	91289.	111599.
48	15053.	15053.	24868.	39921.	67070.	82123.
49	11262.	11262.	22230.	33492.	53560.	64822.
50	12778.	12778.	29570.	42348.	77685.	90463.
51	12169.	12169.	20936.	33105.	65594.	77763.
52	12256.	12256.	19141.	31397.	67092.	79348.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1962 1	9801.	9801.	16186.	25587.	54917.	64718.
2	6793.	6793.	8756.	15549.	36552.	43345.
3	7104.	7104.	7880.	14984.	27535.	34639.
4	7413.	7413.	7048.	14461.	29493.	36906.
5	7534.	7534.	5690.	13224.	21502.	29036.
6	7789.	7789.	4894.	12683.	19527.	27316.
7	8084.	8084.	4354.	12438.	16182.	24266.
8	8381.	8381.	3853.	12234.	13824.	22205.
9	8658.	8658.	3553.	12211.	14307.	22965.
10	9021.	9021.	2909.	11930.	10256.	19277.
11	9203.	9203.	2876.	12079.	8574.	17777.
12	8937.	8937.	2857.	11794.	7097.	16034.
13	8462.	8462.	2850.	11312.	7377.	15839.
14	8205.	8205.	2456.	10661.	7374.	15579.
15	8179.	8179.	2340.	10519.	6590.	14769.
16	8149.	8149.	2344.	10493.	6772.	14921.
17	8118.	8118.	2357.	10475.	6669.	14787.
18	8075.	8075.	2124.	10199.	6659.	14734.
19	8072.	8072.	1900.	9972.	7045.	15117.
20	8023.	8023.	1831.	9854.	6976.	14999.
21	7974.	7974.	1835.	9809.	6347.	14321.
22	7864.	7864.	1725.	9589.	6052.	13916.
23	7475.	7475.	1676.	9151.	5693.	13168.
24	7223.	7223.	1623.	8846.	5556.	12779.
25	6971.	6971.	1582.	8553.	5403.	12374.
26	6825.	6825.	1602.	8427.	6200.	13025.
27	6739.	6739.	1807.	8546.	5982.	12721.
28	6542.	6542.	1864.	8406.	6381.	12923.
29	6344.	6344.	2336.	8680.	7837.	14181.
30	6148.	6148.	2462.	8610.	8483.	14631.
31	5904.	5904.	4144.	10048.	17149.	23053.
32	5843.	5843.	5055.	10898.	16770.	22613.
33	6016.	6016.	10673.	16689.	41563.	47579.
34	6119.	6119.	20123.	26242.	52819.	58938.
35	6397.	6397.	30226.	36623.	58241.	64638.
36	6793.	7590.	25722.	33312.	66920.	74510.
37	9546.	8749.	44897.	53646.	71565.	80314.
38	8503.	8503.	45008.	53511.	77956.	86459.
39	9098.	9098.	41186.	50284.	97517.	106615.
40	26163.	26163.	38636.	64799.	111427.	137590.
41	25543.	25543.	39193.	64736.	126744.	152287.
42	22258.	22258.	40427.	62685.	139705.	161963.
43	26163.	26163.	46715.	72878.	154515.	180678.
44	24614.	24614.	48356.	72970.	131800.	156414.
45	21799.	21799.	33835.	55634.	96311.	118110.
46	21799.	21799.	29565.	51364.	94962.	116761.
47	21799.	21799.	27462.	49261.	85803.	107602.
48	22209.	22209.	34498.	56707.	84816.	107025.
49	22008.	22008.	31463.	53471.	59617.	81625.
50	13899.	13899.	17063.	30962.	52124.	66023.
51	11257.	11257.	12745.	24002.	47831.	59088.
52	11332.	11332.	13701.	25033.	39542.	50874.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1963 1	8737.	8737.	9805.	18542.	22441.	31178.
2	6869.	6869.	6971.	13840.	17695.	24564.
3	7123.	7123.	5497.	12620.	16720.	23843.
4	7395.	7395.	4525.	11920.	17984.	25379.
5	7468.	7468.	3511.	10979.	10997.	18465.
6	7735.	7735.	3193.	10928.	12243.	19978.
7	8029.	8029.	2986.	11015.	7545.	15574.
8	8325.	8325.	2770.	11095.	6248.	14573.
9	8601.	8601.	2876.	11477.	6365.	14966.
10	8993.	8993.	2863.	11856.	6851.	15844.
11	9176.	9176.	2777.	11953.	7606.	16782.
12	8910.	8910.	2949.	11859.	8036.	16946.
13	8436.	8436.	2772.	11208.	7989.	16425.
14	8196.	8196.	2641.	10837.	7625.	15821.
15	8169.	8169.	2528.	10697.	6935.	15104.
16	8139.	8139.	2480.	10619.	6772.	14911.
17	8109.	8109.	2426.	10535.	6506.	14615.
18	8071.	8071.	2162.	10233.	5886.	13957.
19	8093.	8093.	1982.	10075.	5842.	13935.
20	8044.	8044.	1969.	10013.	5762.	13806.
21	7995.	7995.	1949.	9944.	5325.	13320.
22	7866.	7866.	1767.	9633.	5688.	13554.
23	7426.	7426.	1425.	8851.	5469.	12895.
24	7175.	7175.	1386.	8561.	5468.	12643.
25	6924.	6924.	1239.	8163.	5220.	12144.
26	6778.	6778.	1303.	8081.	5022.	11800.
27	6663.	6663.	1309.	7972.	5106.	11769.
28	6468.	6468.	1313.	7781.	4467.	10935.
29	6271.	6271.	1363.	7634.	4323.	10594.
30	6077.	6077.	1337.	7414.	4946.	11023.
31	5955.	5955.	2702.	8657.	5654.	11609.
32	5935.	5935.	3328.	9263.	17263.	23198.
33	6936.	6936.	15823.	22759.	49613.	56549.
34	7656.	7656.	26322.	33978.	49753.	57409.
35	7879.	7879.	39808.	47687.	70209.	78088.
36	7122.	7122.	28338.	35460.	85708.	92830.
37	7036.	7036.	26937.	33973.	62599.	69635.
38	6951.	6951.	28326.	35277.	82829.	89780.
39	6839.	6839.	35259.	42098.	92720.	99559.
40	6548.	6765.	45054.	51819.	100214.	106979.
41	14579.	14362.	56750.	71112.	121932.	136294.
42	33126.	33126.	58149.	91275.	146562.	179688.
43	32515.	32515.	41518.	74033.	98959.	131474.
44	26872.	26872.	32549.	59421.	88545.	115417.
45	24729.	24729.	26798.	51527.	80142.	104871.
46	21455.	21455.	27971.	49426.	82663.	104118.
47	22691.	22691.	29457.	52148.	83982.	106673.
48	19122.	19122.	25837.	44959.	65349.	84471.
49	14318.	14318.	19864.	34182.	59967.	74285.
50	12804.	12804.	17078.	29882.	58225.	71029.
51	10239.	10239.	13398.	23637.	54852.	65091.
52	9083.	9083.	16645.	25728.	45913.	54996.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1964 1	8327.	8327.	14296.	22623.	37135.	45462.
2	7011.	7011.	12728.	19739.	28494.	35505.
3	7160.	7160.	10373.	17533.	24206.	31366.
4	7370.	7370.	6571.	13941.	16237.	23607.
5	7539.	7539.	5297.	12836.	13426.	20965.
6	7821.	7821.	4543.	12364.	11600.	19421.
7	8094.	8094.	3653.	11747.	9761.	17855.
8	8364.	8364.	2595.	10959.	6061.	14425.
9	8645.	8645.	2467.	11112.	5769.	14414.
10	9018.	9018.	1949.	10967.	4950.	13968.
11	9198.	9198.	1926.	11124.	4959.	14157.
12	8909.	8909.	1826.	10735.	5093.	14002.
13	8436.	8436.	1826.	10262.	5951.	14387.
14	8177.	8177.	1889.	10066.	6732.	14909.
15	8153.	8153.	1905.	10058.	7164.	15317.
16	8119.	8119.	1740.	9859.	7227.	15346.
17	8088.	8088.	1654.	9742.	7383.	15471.
18	8056.	8056.	1562.	9618.	6457.	14513.
19	8066.	8066.	1477.	9543.	6073.	14139.
20	8016.	8016.	1465.	9481.	6122.	14138.
21	7966.	7966.	1435.	9401.	5795.	13761.
22	7853.	7853.	1377.	9230.	5549.	13402.
23	7464.	7464.	1301.	8765.	5003.	12467.
24	7212.	7212.	1311.	8523.	4488.	11700.
25	6955.	6955.	1293.	8248.	4588.	11543.
26	6810.	6810.	1297.	8107.	4318.	11128.
27	6723.	6723.	1447.	8170.	4438.	11161.
28	6528.	6528.	1700.	8228.	4406.	10934.
29	6334.	6334.	1837.	8171.	4397.	10731.
30	6140.	6140.	2000.	8140.	5359.	11499.
31	5845.	5845.	2545.	8390.	5644.	11489.
32	5772.	5772.	3334.	9106.	14130.	19902.
33	5723.	5723.	4456.	10179.	29321.	35044.
34	5728.	5728.	8976.	14704.	42761.	48489.
35	6699.	6699.	42925.	49624.	48349.	55048.
36	10864.	10864.	84908.	95772.	63454.	74318.
37	8624.	8624.	70167.	78791.	62001.	70625.
38	7355.	8687	65849.	74536.	87757.	96444.
39	6039.	8772.	59688.	68460.	105988.	114760.
40	7718.	7899.	39715.	47614.	84155.	92054.
41	25009.	20460.	44999.	65459.	103773.	124233.
42	23601.	23601.	44884.	68485.	103585.	127186.
43	16194.	16194.	33614.	49808.	92234.	108428.
44	18729.	18729.	38975.	57704.	93911.	112640.
45	17736.	17736.	30464.	48200.	90148.	107884.
46	14300.	14300.	30436.	44736.	85318.	99618.
47	15247.	15247.	31729.	46976.	87393.	102640.
48	12880.	12880.	22560.	35440.	58762.	71642.
49	10489.	10489.	18080.	28569.	37547.	48036.
50	8548.	8548.	13714.	22262.	31152.	39700.
51	8595.	8595.	12851.	21446.	29630.	38225.
52	7361.	7361.	14807.	22168.	28707.	36068.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1965 1	7044.	7044.	10866.	17910.	20894.	27938.
2	7883.	7883.	15027.	22910.	31330.	39213.
3	7228.	7228.	8130.	15358.	23396	30624.
4	7440.	7440.	6769.	14209.	21264.	28704.
5	7508.	7508.	5425.	12933.	13802.	21310.
6	7790.	7790.	5094.	12884.	12768.	20558.
7	8083.	8083.	4951.	13034.	9437.	17520.
8	8395.	8395.	4873.	13268.	8906.	17301.
9	8622.	8622.	4427.	13049.	10364.	18926.
10	8950.	8950.	3454.	12404.	8260.	17210.
11	9129.	9129.	3438.	12567.	8225.	17354.
12	8860.	8860.	3426.	12286.	7834.	16694.
13	8387.	8387.	3426.	11813.	7594.	15981.
14	8138.	8138.	2599.	10737.	7026.	15164.
15	8114.	8114.	2463.	10577.	6781.	14895.
16	8085.	8085.	2463.	10548.	6701.	14786.
17	8057.	8057.	2463.	10520.	6044.	14101.
18	8023.	8023.	2333.	10356.	5468.	13491.
19	8029.	8029.	2158.	10187.	5887.	13916.
20	7981.	7981.	2158.	10139.	5884.	13865.
21	7934.	7934.	2158.	10092.	5648.	13582.
22	7826.	7826.	2075.	9901.	5231.	13057.
23	7445.	7445.	1963.	9408.	5147.	12592.
24	7194.	7194.	1963.	9157.	5091.	12285.
25	6942.	6942.	1963.	8905.	5270.	12212.
26	6797.	6797.	1963.	8760.	5312.	12109.
27	6709.	6709.	2152.	8861.	5377.	12086.
28	6512.	6512.	2152.	8664.	5303.	11815.
29	6323.	6323.	2181.	8504.	6302.	12625.
30	6128.	6128.	2185.	8313.	7278.	13406.
31	5904.	5904.	3394.	9298.	19590.	25494.
32	5999.	5999.	4205.	10204.	23586.	29585.
33	6135.	6135.	11132.	17267.	55210.	61345.
34	6452.	6452.	18133.	24585.	61203.	67655.
35	7235.	7235.	30063.	37298.	74627.	81862.
36	5976.	7543.	28331.	35874.	96869.	104412.
37	6108.	7445.	31885.	39330.	73751.	81196.
38	5795.	7513.	38724.	46237.	90806.	98319.
39	7414.	6812.	38519.	45331.	113948.	120760.
40	6237.	7101.	35399.	42500.	113373.	120474.
41	6232.	7084.	44606.	51690.	132272.	139356.
42	5868.	7216.	42289.	49505.	129559.	136775.
43	16615.	9531.	35932.	45463.	92151.	101682.
44	20872.	20872.	37949.	58821.	110076.	130948.
45	18586.	18586.	36462.	55048.	93353.	111939.
46	28711.	28711.	52968.	81679.	84207.	112918.
47	19247.	19247.	34014.	53261.	68967.	88214.
48	10693.	10693.	19629.	30322.	56644.	67337.
49	15833.	15833.	31393.	47226.	53018.	68851.
50	19452.	19452.	33449.	52901.	51786.	71238.
51	17801.	17801.	30589.	48390.	69267.	87068.
52	20591.	20591.	48578.	69169.	80965.	101556.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1966 1	13634.	13634.	19553.	33187.	44336.	57970.
2	7579.	7579.	15815.	23394.	33302.	40881.
3	7121.	7121.	8185.	15306.	36392.	43513.
4	7368.	7368.	6265.	13633.	38358.	45726.
5	7584.	7584.	4784.	12368.	29303.	36887.
6	7841.	7841.	3749.	11590.	20925.	28766.
7	8113.	8113.	3414.	11527.	17455.	25568.
8	8404.	8404.	3165.	11569.	15510.	23914.
9	8685.	8685.	2912.	11597.	12306.	20991.
10	9065.	9065.	2596.	11661.	9098.	18163.
11	9243.	9243.	2533.	11776.	6687.	15930.
12	8972.	8972.	2470.	11442.	7538.	16510.
13	8493.	8493.	2406.	10899.	6787.	15280.
14	8231.	8231.	2221.	10452.	6502.	14733.
15	8206.	8206.	2172.	10378.	6769.	14975.
16	8176.	8176.	2140.	10316.	6690.	14866.
17	8148.	8148.	2107.	10255.	6932.	15080.
18	8113.	8113.	2020.	10133.	6760.	14873.
19	8113.	8113.	1902.	10015.	6949.	15062.
20	8065.	8065.	1846.	9911.	6473.	14538.
21	8016.	8016.	1795.	9811.	6775.	14791.
22	7908.	7908.	1742.	9650.	5472.	13380.
23	7524.	7524.	1707.	9231.	5389.	12913.
24	7273.	7273.	1698.	8971.	5081.	12354.
25	7020.	7020.	1698.	8718.	5307.	12327.
26	6874.	6874.	1701.	8575.	5500.	12374.
27	6796.	6796.	1991.	8787.	4744.	11540.
28	6599.	6599.	1991.	8590.	5178.	11777.
29	6438.	6438.	2079.	8517.	4989.	11427.
30	6247.	6247.	2129.	8376.	4568.	10815.
31	6065.	6065.	2947.	9012.	2972.	9037.
32	6063.	6063.	3824.	9887.	7638.	13701.
33	6287.	6287.	7186.	13473.	31675.	37962.
34	6798.	6798.	10726.	17524.	46416.	53214.
35	7420.	7420.	15948.	23368.	36244.	43664.
36	9574.	9574.	48719.	58293.	65780.	75354.
37	7732.	7732.	41850.	49582.	79246.	86978.
38	7265.	7265.	38188.	45453.	74404.	81669.
39	6555.	7176.	34468.	41644.	90747.	97923.
40	4981.	7747.	28470.	36217.	79147.	86894.
41	4851.	7807.	34497.	42304.	95882.	103689.
42	4926.	7751.	37655.	45406.	98082.	105833.
43	5207.	7586.	43153.	50739.	119647.	127233.
44	8683.	7075.	50464.	57539.	106472.	113547.
45	21345.	11405.	41352.	52757.	129626.	141031.
46	17552.	17552.	36584.	54136.	117912.	135464.
47	21266.	21266.	48677.	69943.	113209.	134475.
48	17016.	17016.	32914.	49930.	92011.	109027.
49	11802.	11802.	21632.	33434.	74642.	86444.
50	11462.	11462.	21344.	32806.	84270.	95732.
51	11331.	11331.	20047.	31378.	128703.	140034.
52	8267.	8267.	14704.	22971.	80280.	88547.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1967 1	6642.	6642.	12739.	19381.	60922.	67564.
2	6784.	6784.	9096.	15880.	45118.	51902.
3	7011.	7011.	6670.	13681.	28486.	35497.
4	7240.	7240.	4331.	11571.	20411.	27651.
5	7493.	7493.	3336.	10829.	12446.	19939.
6	7787.	7787.	2978.	10765.	7709.	15496.
7	8083.	8083.	2845.	10928.	7770.	15853.
8	8385.	8385.	2741.	11126.	9010.	17395.
9	8671.	8671.	2646.	11317.	6848.	15519.
10	9051.	9051.	2568.	11619.	5216.	14267.
11	9235.	9235.	2523.	11758.	5580.	14815.
12	8970.	8970.	2502.	11472.	4566.	13536.
13	8495.	8495.	2464.	10959.	4594.	13089.
14	8260.	8260.	2456.	10716.	4124.	12384.
15	8237.	8237.	2411.	10648.	4707.	12944.
16	8208.	8208.	2366.	10574.	5276.	13484.
17	8180.	8180.	2256.	10436.	5435.	13615.
18	8144.	8144.	2219.	10363.	5637.	13781.
19	8145.	8145.	2115.	10260.	5771.	13916.
20	8097.	8097.	2055.	10152.	5528.	13625.
21	8048.	8048.	1945.	9993.	5213.	13261.
22	7932.	7932.	1928.	9860.	4802.	12734.
23	7533.	7533.	1814.	9347.	4705.	12238.
24	7281.	7281.	1720.	9001.	5064.	12345.
25	7028.	7028.	1669.	8697.	4628.	11656.
26	6882.	6882.	1637.	8519.	4672.	11554.
27	6790.	6790.	1567.	8357.	4900.	11690.
28	6593.	6593.	1539.	8132.	4504.	11097.
29	6400.	6400.	1543.	7943.	3800.	10200.
30	6220.	6220.	1728.	7948.	3861.	10081.
31	5931.	5931.	2976.	8907.	2216.	8147.
32	6046.	6046.	8525.	14571.	5527.	11573.
33	6742.	6742.	21473.	28215.	17348.	24090.
34	7089.	7089.	26758.	33847.	25225.	32314.
35	7321.	7321.	31001.	38322.	18958.	26279.
36	6391.	7347.	28637.	35984.	39031.	46378.
37	7531.	6834.	37141.	43975.	31775.	38609.
38	6433	7195.	42195.	49390.	51362.	58557.
39	6142.	7234.	50066.	57300.	69735.	76969.
40	5199.	7519.	45164.	52683.	73261.	80780.
41	5161.	7524.	42009.	49533.	86375.	93899.
42	6491.	6948.	68333.	75281.	91938.	98886.
43	24783.	17531.	58073.	75604.	85988.	103519.
44	25176.	25176.	46123.	71299.	90407.	115583.
45	23405.	23405.	40186.	63591.	100312.	123717.
46	36814.	36814.	82874.	119688.	105045.	141859.
47	35120.	35120.	54247.	89367.	81454.	116574.
48	27176.	27176.	33859.	61035.	71758.	98934.
49	27035.	27035.	32970.	60005.	63971.	91006.
50	15955.	15955.	36378.	52333.	65877.	81832.
51	11597.	11597.	17576.	29173.	49739.	61336.
52	8813.	8813.	12492.	21305.	47287.	56100.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1968 1	6531.	6531.	8756.	15287.	37429.	43960.
2	6770.	6770.	7002.	13772.	40837.	47607.
3	7004.	7004.	5576.	12580.	27383.	34387.
4	7248.	7248.	4328.	11576.	20317.	27565.
5	7493.	7493.	3717.	11210.	16343.	23836.
6	7770.	7770.	3437.	11207.	13742.	21512.
7	8058.	8058.	3260.	11318.	8678.	16736.
8	8351.	8351.	3076.	11427.	11254.	19605.
9	8635.	8635.	2900.	11535.	10790.	19425.
10	9009.	9009.	2824.	11833.	8880.	17889.
11	9192.	9192.	2684.	11876.	7254.	16446.
12	8922.	8922.	2626.	11548.	6664.	15586.
13	8466.	8466.	2494.	10960.	6122.	14588.
14	8231.	8231.	2471.	10702.	6804.	15035.
15	8207.	8207.	2413.	10620.	6781.	14988.
16	8176.	8176.	2314.	10490.	6831.	15007.
17	8144.	8144.	2287.	10431.	7022.	15166.
18	8106.	8106.	2259.	10365.	6805.	14911.
19	8108.	8108.	2244.	10352.	7329.	15437.
20	8059.	8059.	2233.	10292.	7206.	15265.
21	8009.	8009.	2212.	10221.	6508.	14517.
22	7899.	7899.	2212.	10111.	6337.	14236.
23	7515.	7515.	2197.	9712.	5883.	13398.
24	7263.	7263.	2161.	9424.	5371.	12634.
25	7009.	7009.	2088.	9097.	5817.	12826.
26	6862.	6862.	2088.	8950.	6167.	13029.
27	6765.	6765.	2172.	8937.	5469.	12234.
28	6564.	6564.	2256.	8820.	6284.	12848.
29	6370.	6370.	2548.	8918.	8592.	14962.
30	6181.	6181.	3087.	9268.	15966.	22147.
31	5940.	5940.	4316.	10256.	41471.	47411.
32	5903.	5903.	7241.	13144.	82844.	88747.
33	6535.	6535.	17720.	24255.	72606.	79141.
34	7894.	7894.	39566.	47460.	66876.	74770.
35	7386.	7386.	40793.	48179.	102899.	110285.
36	6900.	7164.	40264.	47428.	112988.	120152.
37	7689.	7425.	58098.	65523.	137437.	144862.
38	7501.	7501.	53883.	61384.	109990.	117491.
39	6474.	7114.	42023.	49137.	98392.	105506.
40	5830.	7394.	48037.	55431.	110723.	118117.
41	15965.	13761.	49574.	63335.	122031.	135792.
42	24447.	24447.	39523.	63970.	97098.	121545.
43	23623.	23623.	46488.	70111.	107344.	130967.
44	20824.	20824.	35600.	56424.	90281.	111105.
45	18816.	18816.	37390.	56206.	90218.	109034.
46	15653.	15653.	31327.	46980.	73863.	89516.
47	14145.	14145.	29127.	43272.	79098.	93243.
48	12539.	12539.	22137.	34676.	58106.	70645.
49	10453.	10453.	16878.	27331.	41192.	51645.
50	10471.	10471.	15537.	26008.	33593.	44064.
51	6687.	6687.	10737.	17424.	28076.	34763.
52	6158.	6158.	8092.	14250.	20980.	27138.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1969 1	6447.	6447.	6587.	13034.	13795.	20242.
2	6715.	6715.	5668.	12383.	9831.	16546.
3	6965.	6965.	4485.	11450.	10039.	17004.
4	7252.	7252.	4109.	11361.	7451.	14703.
5	7495.	7495.	3330.	10825.	6353.	13848.
6	7767.	7767.	2779.	10546.	6001.	13768.
7	8037.	8037.	2488.	10525.	6723.	14760.
8	8328.	8328.	2308.	10636.	7481.	15809.
9	8603.	8603.	2115.	10718.	6940.	15543.
10	8973.	8973.	1947.	10920.	5827.	14800.
11	9155.	9155.	1868.	11023.	4938.	14093.
12	8888.	8888.	1784.	10672.	4726.	13614.
13	8413.	8413.	1712.	10125.	5679.	14092.
14	8170.	8170.	1614.	9784.	6938.	15108.
15	8147.	8147.	1585.	9732.	6882.	15029.
16	8117.	8117.	1519.	9636.	6729.	14846.
17	8092.	8092.	1498.	9590.	6602.	14694.
18	8061.	8061.	1467.	9528.	6529.	14590.
19	8074.	8074.	1428.	9502.	6080.	14154.
20	8027.	8027.	1409.	9436.	5690.	13717.
21	7981.	7981.	1401.	9382.	5794.	13775.
22	7873.	7873.	1370.	9243.	5660.	13533.
23	7490.	7490.	1342.	8832.	5428.	12918.
24	7239.	7239.	1329.	8568.	5101.	12340.
25	6989.	6989.	1296.	8285.	5269.	12258.
26	6845.	6845.	1299.	8144.	4916.	11761.
27	6760.	6760.	1398.	8158.	4723.	11483.
28	6574.	6574.	1532.	8106.	4522.	11096.
29	6394.	6394.	1982.	8376.	6550.	12944.
30	6230.	6230.	2957.	9187.	10450.	16680.
31	6010.	6010.	4317.	10327.	25421.	31431.
32	6060.	6060.	6736.	12796.	74502.	80562.
33	6270.	6270.	9129.	15399.	79118.	85388.
34	6637.	6637.	19233.	25870.	77500.	84137.
35	6157.	6157.	14907.	21064.	107019.	113176.
36	4379.	7512.	15988.	23500.	98897.	106409.
37	4619.	7378.	25314.	32692.	99418.	106796.
38	4671.	7320.	32238.	39558.	112116.	119436.
39	4373.	7381.	32562.	39943.	109691.	117072.
40	3519.	7796.	31701.	39497.	104625.	112421.
41	3684.	7743.	33668.	41411.	108363.	116106.
42	3750.	7734.	28596.	36330.	101679.	109413.
43	6411.	7778.	26084.	33862.	83763.	91541.
44	7317.	7317.	25496.	32813.	95468.	102785.
45	7041.	7041.	25438.	32479.	106496.	113537.
46	7504.	7504.	13265.	20769.	68426.	75930.
47	7597.	7597.	10768.	18365.	49713.	57310.
48	7641.	7641.	11094.	18735.	48382.	56023.
49	7621.	7621.	12196.	19817.	36778.	44399.
50	6668.	6668.	10280.	16948.	34521.	41189.
51	6823.	5715.	8545.	14260.	31999.	37714.
52	6880.	5760.	7187.	12947.	26554.	32314.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970 1	7719.	5673.	8127.	13800.	23989.	29662.
2	8094.	5692.	7947.	13639.	35842.	41534.
3	6792.	4730.	6495.	11225.	29721.	34451.
4	7026.	3818.	4747.	8565.	13991.	17809.
5	7221.	2901.	4175.	7076.	13451.	16352.
6	7570.	2920.	3246.	6166.	8792.	11712.
7	7927.	3765.	2679.	6444.	8042.	11807.
8	8265.	8265.	2432.	10697.	6694.	14959.
9	7745.	7745.	2204.	9949.	6936.	14681.
10	8148.	8148.	2099.	10247.	4894.	13042.
11	8340.	8340.	2051.	10391.	4931.	13271.
12	8098.	8098.	2036.	10134.	4667.	12765.
13	7644.	7644.	1999.	9643.	4629.	12273.
14	7407.	7407.	1915.	9322.	5508.	12915.
15	7399.	7399.	1855.	9254.	5935.	13334.
16	7396.	7396.	1851.	9247.	6219.	13615.
17	7376.	7376.	1844.	9220.	5944.	13320.
18	7355.	7355.	1829.	9184.	6145.	13500.
19	7348.	7348.	1811.	9159.	6295.	13643.
20	7316.	7316.	1769.	9085.	5886.	13202.
21	7275.	7275.	1684.	8959.	5798.	13073.
22	7185.	7185.	1675.	8860.	5789.	12974.
23	6807.	6807.	1670.	8477.	5630.	12437.
24	6555.	6555.	1671.	8226.	5352.	11907.
25	6300.	6300.	1674.	7974.	5264.	11564.
26	6138.	6138.	1674.	7812.	5127.	11265.
27	5952.	5952.	1690.	7642.	5310.	11262.
28	5753.	5753.	1826.	7579.	5355.	11108.
29	5514.	5514.	2103.	7617.	6024.	11538.
30	5190.	5190.	2630.	7820.	7931.	13121.
31	4942.	4942.	3787.	8729.	21764.	26706.
32	5026.	5026.	8008.	13034.	38239.	43265.
33	6412.	6412.	16172.	22584.	63492.	69904.
34	6513.	6513.	20681.	27194.	76558.	83071.
35	6637.	6637.	25803.	32440.	93606.	100243.
36	6874.	6874.	23602.	30476.	99139.	106013.
37	6739.	6739.	36280.	4301 .	93089.	99828.
38	6514.	6662.	28361.	35023.	101305.	107967.
39	7345.	7197.	36687.	43884.	113448.	120645.
40	6610.	6610.	37916.	44526.	126047.	132657.
41	6289.	6362.	36968.	43330.	114216.	120578.
42	6413.	6340.	41710.	48050.	118047.	124387.
43	6310.	6321.	40751.	47072.	128448.	134769.
44	6798.	6786.	47718.	54504.	123002.	129788.
45	6446.	6784.	42069.	48853.	103078.	109862.
46	5707.	7061.	31501.	38562.	102140.	109201.
47	6254.	6939.	36900.	43839.	90773.	97712.
48	5534.	7235.	27117.	34352.	72743.	79978.
49	5884.	7097.	25042.	32139.	62963.	70060.
50	6503.	6282.	23017.	29299.	52478.	58760.
51	7619.	5267.	17537.	22804.	45467.	50734.
52	6921.	5592.	10081.	15673.	29195.	34787.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971 1	7478.	6279.	9897.	16176.	18665.	24944.
2	7108.	7108.	8369.	15477.	15869.	22977.
3	7318.	7318.	7005.	14323.	15003.	22321.
4	7565.	7565.	5903.	13468.	13419.	20984.
5	7822.	7822.	5654.	13476.	12105.	19927.
6	8111.	8111.	5220.	13331.	10239.	18350.
7	8383.	8383.	4247.	12630.	10245.	18628.
8	8653.	8653.	3782.	12435.	8272.	16925.
9	8920.	8920.	3408.	12328.	8119.	17039.
10	9292.	9292.	3129.	12421.	6799.	16091.
11	9465.	9465.	2945.	12410.	6512.	15977.
12	9181.	9181.	2814.	11995.	6699.	15880.
13	8680.	8680.	2622.	11302.	6236.	14916.
14	8402.	8402.	2384.	10786.	6456.	14858.
15	8366.	8366.	2197.	10563.	6814.	15180.
16	8328.	8328.	1981.	10309.	7068.	15396.
17	8287.	8287.	1792.	10079.	6768.	15055.
18	8248.	8248.	1666.	9914.	6252.	14500.
19	8257.	8257.	1620.	9877.	5858.	14115.
20	8203.	8203.	1590.	9793.	5154.	13357.
21	8157.	8157.	1566.	9723.	4925.	13082.
22	8048.	8048.	1519.	9567.	5140.	13188.
23	7655.	7655.	1513.	9168.	4704.	12359.
24	7403.	7403.	1499.	8902.	4375.	11778.
25	7151.	7151.	1461.	8612.	4273.	11424.
26	7007.	7007.	1515.	8522.	4000.	11007.
27	6922.	6922.	1558.	8480.	4330.	11252.
28	6729.	6729.	1583.	8312.	4621.	11350.
29	6537.	6537.	1687.	8224.	4364.	10901.
30	6351.	6351.	1792.	8143.	5134.	11485.
31	6075.	6075.	2269.	8344.	5629.	11704.
32	6027.	6027.	3750.	9777.	14384.	20411.
33	6030.	6030.	5993.	12023.	35940.	41970.
34	6124.	6124.	9837.	15961.	59314.	65438.
35	6355.	6355.	16019.	22374.	65416.	71771.
36	5917.	7753.	29662.	37415.	84208.	91961.
37	8895.	7058.	49503.	56561.	72695.	79753.
38	6386.	7437.	43019.	50456.	91962.	99399.
39	7829.	6842.	68296.	75138.	144706.	151548.
40	4678.	7718.	44680.	52398.	138209.	145927.
41	4671.	7696.	49974.	57670.	137867.	145563.
42	4911.	7497.	48011.	55508.	121774.	129271.
43	4156.	8023.	31239.	39262.	85201.	93224.
44	5199.	7804.	35772.	43576.	82063.	89867.
45	7524.	7263.	68287.	75550.	104284.	111547.
46	7055.	7447.	50129.	57576.	93227.	100674.
47	20676.	8048.	33318.	41366.	73418.	81466.
48	18657.	15967.	26332.	42299.	68690.	84657.
49	21459.	21459.	28612.	50071.	70825.	92284.
50	13693.	13693.	20957.	34650.	51049.	64742.
51	10354.	10354.	14910.	25264.	48618.	58972.
52	8985.	8985.	11988.	20973.	38136.	47121.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 1	7354.	7354.	9632.	16986.	22356.	29710.
2	6791.	6791.	12710.	19501.	27406.	34197.
3	7016.	7016.	8375.	15391.	17150.	24166.
4	7278.	7278.	6141.	13419.	13705.	20983.
5	7540.	7540.	5092.	12632.	9197.	16737.
6	7821.	7821.	4358.	12179.	9250.	17071.
7	8106.	8106.	3840.	11946.	7602.	15708.
8	8393.	8393.	3409.	11802.	5931.	14324.
9	8669.	8669.	3062.	11731.	6016.	14685.
10	9093.	9093.	2869.	11962.	5206.	14299.
11	9275.	9275.	2684.	11959.	4690.	13965.
12	8994.	8994.	2536.	11530.	6157.	15151.
13	8519.	8519.	2410.	10929.	6060.	14579.
14	8300.	8300.	2374.	10674.	6242.	14542.
15	8258.	8258.	2290.	10548.	7465.	15723.
16	8227.	8227.	2268.	10495.	6378.	14605.
17	8196.	8196.	2135.	10331.	6445.	14641.
18	8160.	8160.	2136.	10296.	5971.	14131.
19	8164.	8164.	2096.	10260.	6686.	14850.
20	8106.	8106.	1982.	10088.	5787.	13893.
21	8056.	8056.	1915.	9971.	5480.	13536.
22	7939.	7939.	1859.	9798.	4669.	12608.
23	7542.	7542.	1776.	9318.	4660.	12202.
24	7283.	7283.	1710.	8993.	4106.	11389.
25	7031.	7031.	1628.	8659.	4390.	11421.
26	6882.	6882.	1594.	8476.	4907.	11789.
27	6770.	6770.	1611.	8381.	5292.	12062.
28	6574.	6574.	1602.	8176.	5215.	11789.
29	6371.	6371.	1661.	8032.	5414.	11785.
30	6181.	6181.	1884.	8065.	5069.	11250.
31	6064.	6064.	3944.	10008.	11537.	17601.
32	7404.	7404.	14138.	21542.	30514.	37918.
33	7295.	7295.	13781.	21076.	36379.	43674.
34	7883.	7883.	20112.	27995.	45141.	53024.
35	10518.	10518.	38329.	48847.	72408.	82926.
36	6315.	7861.	25917.	33778.	89816.	97677.
37	8977.	7430.	35704.	43134.	75507.	82937.
38	7855.	7855.	39970.	47825.	82547.	90402.
39	6897.	7803.	33220.	41023.	97132.	104935.
40	24274.	23368.	40094.	63462.	100631.	123999.
41	24261.	24261.	49264.	73525.	123201.	147462.
42	21623.	21623.	37271.	58894.	97016.	118639.
43	17632.	17632.	38111.	55743.	98103.	115735.
44	19568.	19568.	39025.	58593.	103609.	123177.
45	20953.	20953.	35180.	56133.	94968.	115921.
46	19219.	19219.	33198.	52417.	83408.	102627.
47	19865.	19865.	35012.	54877.	79686.	99551.
48	13290.	13290.	22365.	35655.	62050.	75340.
49	12589.	12589.	25532.	38121.	55749.	68338.
50	17212.	17212.	34025.	51237.	54630.	71842.
51	12685.	12685.	19435.	32120.	52084.	64769.
52	6045.	6045.	12413.	18458.	30569.	36614.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1973 1	6311.	6311.	10481.	16792.	16875.	23186.
2	6609.	6609.	7757.	14366.	10386.	16995.
3	6982.	6982.	10554.	17536.	30013.	36995.
4	7232.	7232.	7656.	14888.	24522.	31754.
5	7470.	7470.	5352.	12822.	22472.	29942.
6	7751.	7751.	4383.	12134.	16815.	24566.
7	8030.	8030.	3926.	11956.	12336.	20366.
8	8321.	8321.	3361.	11682.	8983.	17304.
9	8597.	8597.	3242.	11839.	8996.	17593.
10	8991.	8991.	3272.	12263.	8923.	17914.
11	9166.	9166.	3000.	12166.	8185.	17351.
12	8899.	8899.	3080.	11979.	7355.	16254.
13	8425.	8425.	2744.	11169.	6573.	14998.
14	8170.	8170.	2381.	10551.	6805.	14975.
15	8145.	8145.	2227.	10372.	6409.	14554.
16	8116.	8116.	2172.	10288.	5866.	13982.
17	8088.	8088.	2075.	10163.	5602.	13690.
18	8055.	8055.	2110.	10165.	5419.	13474.
19	8076.	8076.	2019.	10095.	5448.	13524.
20	8028.	8028.	1948.	9976.	5250.	13278.
21	7979.	7979.	1915.	9894.	4963.	12942.
22	7864.	7864.	1805.	9669.	4963.	12827.
23	7457.	7457.	1656.	9113.	4249.	11706.
24	7206.	7206.	1671.	8877.	4375.	11581.
25	6954.	6954.	1543.	8497.	4197.	11151.
26	6808.	6808.	1482.	8290.	4302.	11110.
27	6715.	6715.	1352.	8067.	4586.	11301.
28	6519.	6519.	1527.	8046.	3852.	10371.
29	6321.	6321.	1575.	7896.	3637.	9958.
30	6128.	6128.	1992.	8120.	4929.	11057.
31	5861.	5861.	2872.	8733.	4204.	10065.
32	5826.	5826.	6075.	11901.	15138.	20964.
33	6000.	6000.	19566.	25566.	50093.	56093.
34	6053.	6053.	20608.	26661.	51069.	57122.
35	6114.	6114.	20942.	27056.	46235.	52349.
36	5007.	8034.	26355.	34389.	59744.	67778.
37	6652.	7389.	42624.	50013.	55730.	63119.
38	6851.	7257.	47450.	54707.	100621.	107878.
39	5109.	7855.	38346.	46201.	106645.	114500.
40	4186.	8328.	33706.	42034.	95434.	103762.
41	4098.	8359.	35525.	43884.	83237.	91596.
42	3743.	8515.	27332.	35847.	72274.	80789.
43	3815.	8476.	28919.	37395.	78882.	87358.
44	7888.	8373.	27964.	36337.	75193.	83566.
45	8246.	8246.	31316.	39562.	79326.	87572.
46	10792.	8398.	21670.	30068.	61581.	69979.
47	21018.	8218.	38724.	46942.	77507.	85725.
48	22260.	12217.	31797.	44014.	63767.	75984.
49	12074.	12074.	22076.	34150.	50613.	62687.
50	8425.	8425.	15881.	24306.	55550.	63975.
51	7115.	7115.	10431.	17546.	53894.	61009.
52	6025.	6025.	6128.	12153.	43275.	49300.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1974 1	6487.	6487.	7230.	13717.	33814.	40301.
2	6729.	6729.	4853.	11582.	27559.	34288.
3	6953.	6953.	3770.	10723.	20555.	27508.
4	7216.	7216.	3594.	10810.	15765.	22981.
5	7423.	7423.	3036.	10459.	14976.	22399.
6	7715.	7715.	2734.	10449.	12128.	19843.
7	8007.	8007.	2703.	10710.	8841.	16848.
8	8304.	8304.	2540.	10844.	8974.	17278.
9	8588.	8588.	2587.	11175.	9302.	17890.
10	8963.	8963.	2353.	11316.	7483.	16446.
11	9144.	9144.	2193.	11337.	6622.	15766.
12	8878.	8878.	1954.	10832.	6928.	15806.
13	8403.	8403.	1983.	10386.	7600.	16003.
14	8161.	8161.	1847.	10008.	8005.	16166.
15	8138.	8138.	1802.	9940.	7430.	15568.
16	8110.	8110.	1764.	9874.	7353.	15463.
17	8084.	8084.	1719.	9803.	7265.	15349.
18	8050.	8050.	1721.	9771.	7207.	15257.
19	8061.	8061.	1777.	9838.	6889.	14950.
20	8013.	8013.	1751.	9764.	7425.	15438.
21	7965.	7965.	1746.	9711.	7469.	15434.
22	7857.	7857.	1687.	9544.	7220.	15077.
23	7478.	7478.	1675.	9153.	7505.	14983.
24	7226.	7226.	1590.	8816.	6614.	13840.
25	6971.	6971.	1518.	8489.	6326.	13297.
26	6826.	6826.	1496.	8322.	6331.	13157.
27	6728.	6728.	1493.	8221.	6142.	12870.
28	6533.	6533.	1505.	8038.	6105.	12638.
29	6341.	6341.	1597.	7938.	6568.	12909.
30	6164.	6164.	2093.	8257.	10031.	16195.
31	6003.	6003.	3458.	9461.	32719.	38722.
32	6201.	6201.	7048.	13249.	67965.	74166.
33	6519.	6519.	9905.	16424.	45992.	52511.
34	7479.	7479.	18582.	26061.	52364.	59843.
35	7627.	7627.	27977.	35604.	64397.	72024.
36	5586.	7552.	21047.	28599.	64709.	72261.
37	4988.	7763.	23873.	31636.	47994.	55757.
38	4717.	7843.	26301.	34144.	61543.	69386.
39	4774.	7765.	32945.	40710.	86556.	94321.
40	4430.	8058.	32938.	40996.	76658.	84716.
41	4795.	7830.	35125.	42955.	71302.	79132.
42	4602.	7927.	35737.	43664.	71609.	79536.
43	4520.	7968.	33642.	41610.	79417.	87385.
44	6948.	7891.	31014.	38905.	74485.	82376.
45	7807.	7807.	33036.	40843.	79416.	87223.
46	7980.	7980.	29667.	37647.	74752.	82732.
47	8193.	8193.	21421.	29614.	64509.	72702.
48	7942.	7942.	32977.	40919.	70689.	78631.
49	6972.	6972.	26430.	33402.	59629.	66601.
50	6608.	6424.	15624.	22048.	46863.	53287.
51	7624.	5417.	13094.	18511.	35430.	40847.
52	9857.	5233.	15113.	20346.	31240.	36473.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1975 1	7469.	5655.	8986.	14641.	20413.	26068.
2	8006.	5657.	7760.	13417.	20445.	26102.
3	8207.	4818.	4857.	9675.	14411.	19229.
4	8589.	3879.	4468.	8347.	11464.	15343.
5	8947.	3647.	3827.	7474.	9525.	13172.
6	7738.	7738.	3069.	10807.	9378.	17116.
7	8038.	8038.	2751.	10789.	8521.	16559.
8	8339.	8339.	2523.	10862.	8378.	16717.
9	8629.	8629.	2653.	11282.	8393.	17022.
10	9050.	9050.	2517.	11567.	8307.	17357.
11	9234.	9234.	2455.	11689.	8021.	17255.
12	8968.	8968.	2515.	11483.	7807.	16775.
13	8493.	8493.	2500.	10993.	7521.	16014.
14	8243.	8243.	2383.	10626.	7527.	15770.
15	8214.	8214.	2247.	10461.	7392.	15606.
16	8186.	8186.	2047.	10233.	7106.	15292.
17	8159.	8159.	1953.	10112.	7106.	15265.
18	8127.	8127.	2050.	10177.	6607.	14734.
19	8160.	8160.	1929.	10089.	6635.	14795.
20	8111.	8111.	1716.	9827.	6635.	14746.
21	8057.	8057.	1699.	9756.	6187.	14244.
22	7944.	7944.	1724.	9668.	6226.	14170.
23	7563.	7563.	1584.	9147.	5728.	13291.
24	7310.	7310.	1630.	8940.	5728.	13038.
25	7057.	7057.	1656.	8713.	5728.	12785.
26	6910.	6910.	1573.	8483.	5728.	12638.
27	6809.	6809.	1668.	8477.	5538.	12347.
28	6613.	6613.	1667.	8280.	5240.	11853.
29	6426.	6426.	1663.	8089.	5125.	11551.
30	6252.	6252.	1971.	8223.	5656.	11908.
31	6046.	6046.	2757.	8803.	6655.	12701.
32	6277.	6277.	3965.	10242.	8387.	14664.
33	6849.	6849.	13992.	20841.	20837.	27686.
34	7393.	7393.	22064.	29457.	57259.	64652.
35	7900.	7900.	36139.	44039.	84792.	92692.
36	7505.	7505.	37357.	44862.	94967.	102472.
37	6316.	7543.	34862.	42405.	84400.	91943.
38	7261.	7170.	41708.	48878.	102902.	110072.
39	6475.	7365.	43317.	50682.	111778.	119143.
40	5493.	7655.	42917.	50572.	116702.	124357.
41	5701.	7536.	52411.	59947.	124993.	132529.
42	15067.	9043.	47300.	56343.	110900.	119943.
43	24660.	24660.	35305.	59965.	93769.	118429.
44	22789.	22789.	35280.	58069.	87354.	110143.
45	18242.	18242.	52747.	70989.	81329.	99571.
46	17426.	17426.	34500.	51926.	80874.	98300.
47	15380.	15380.	24700.	40080.	69234.	84614.
48	13252.	13252.	21867.	35119.	54734.	67986.
49	10858.	10858.	21002.	31860.	50842.	61700.
50	18386.	18386.	26114.	44500.	70771.	89157.
51	17223.	17223.	24409.	41632.	77048.	94271.
52	14515.	14515.	17290.	31805.	55885.	70400.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976 1	9346.	9346.	11984.	21330.	36097.	45443.
2	8243.	8243.	10831.	19074.	25557.	33800.
3	7593.	7593.	7892.	15485.	24021.	31614.
4	7511.	7511.	4956.	12467.	16951.	24462.
5	7568.	7568.	3823.	11391.	12841.	20409.
6	7801.	7801.	2942.	10743.	10045.	17846.
7	8058.	8058.	2698.	10756.	7650.	15708.
8	8329.	8329.	2353.	10682.	6287.	14616.
9	8601.	8601.	2329.	10930.	5262.	13863.
10	8975.	8975.	2133.	11108.	4937.	13912.
11	9156.	9156.	2073.	11229.	4977.	14133.
12	8890.	8890.	1963.	10853.	5017.	13907.
13	8413.	8413.	1963.	10376.	5070.	13483.
14	8182.	8182.	1928.	10110.	5423.	13605.
15	8160.	8160.	1885.	10045.	5650.	13810.
16	8129.	8129.	1789.	9918.	5912.	14041.
17	8100.	8100.	1813.	9913.	5525.	13625.
18	8067.	8067.	1791.	9858.	5353.	13420.
19	8074.	8074.	1802.	9876.	5120.	13194.
20	8027.	8027.	2087.	10114.	4720.	12747.
21	7979.	7979.	1965.	9944.	4491.	12470.
22	7869.	7869.	1972.	9841.	4344.	12213.
23	7488.	7488.	1951.	9439.	4521.	12009.
24	7237.	7237.	1731.	8968.	4578.	11815.
25	6985.	6985.	1722.	8707.	4578.	11563.
26	6840.	6840.	1739.	8579.	4578.	11418.
27	6738.	6738.	1775.	8513.	4644.	11382.
28	6545.	6545.	1938.	8483.	4608.	11153.
29	6361.	6361.	2558.	8919.	4731.	11092.
30	6216.	6216.	3367.	9583.	7357.	13573.
31	6258.	6258.	7952.	14210.	41832.	48090.
32	7058.	7058.	22021.	29079.	85712.	92770.
33	6926.	6926.	17165.	24091.	54622.	61548.
34	6907.	6907.	18680.	25587.	50278.	57185.
35	7064.	7064.	24164.	31228.	48333.	55397.
36	6646.	7545.	39449.	46994.	66584.	74129.
37	6826.	7431.	50460.	57891.	93255.	100686.
38	5366.	7895.	35628.	43523.	91662.	99557.
39	5213.	7934.	41390.	49324.	94823.	102757.
40	4072.	7947.	37749.	45696.	107581.	115528.
41	4041.	7949.	42231.	50180.	102194.	110143.
42	3955.	7999.	45425.	53424.	99186.	107185.
43	3980.	7974.	40990.	48964.	88840.	96814.
44	5873.	8536.	38128.	46664.	90093.	98629.
45	12712.	8886.	35617.	44503.	90971.	99857.
46	20486.	8915.	36295.	45210.	82171.	91086.
47	15736.	8936.	46392.	55328.	74507.	83443.
48	11079.	8896.	23601.	32497.	56621.	65517.
49	7164.	7435.	16586.	24021.	35207.	42642.
50	5867.	6537.	14369.	20906.	32847.	39384.
51	6628.	5535.	15153.	20688.	46955.	52490.
52	6500.	5883.	14658.	20541.	53165.	59048.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1977 1	6512.	6512.	10771.	17283.	28458.	34970.
2	6754.	6754.	9042.	15796.	26231.	32985.
3	7052.	7052.	6979.	14031.	26542.	33594.
4	7329.	7329.	6904.	14233.	27361.	34690.
5	7620.	7620.	5470.	13090.	19348.	26968.
6	7905.	7905.	4649.	12554.	16419.	24324.
7	8186.	8186.	4048.	12234.	17001.	25187.
8	8472.	8472.	3667.	12139.	14987.	23459.
9	8803.	8803.	4315.	13118.	12971.	21774.
10	9198.	9198.	3817.	13015.	12142.	21340.
11	9354.	9354.	3149.	12503.	11229.	20583.
12	9066.	9066.	3111.	12177.	10266.	19332.
13	8574.	8574.	3053.	11627.	9847.	18421.
14	8291.	8291.	2924.	11215.	9799.	18090.
15	8261.	8261.	2669.	10930.	8423.	16684.
16	8222.	8222.	2438.	10660.	7942.	16164.
17	8190.	8190.	2369.	10559.	7910.	16100.
18	8152.	8152.	2103.	10255.	8386.	16538.
19	8149.	8149.	2031.	10180.	7870.	16019.
20	8098.	8098.	1900.	9998.	7182.	15280.
21	8049.	8049.	2014.	10063.	7325.	15374.
22	7937.	7937.	1943.	9880.	6371.	14308.
23	7547.	7547.	1921.	9468.	5788.	13335.
24	7295.	7295.	1864.	9159.	5288.	12583.
25	7042.	7042.	1817.	8859.	5145.	12187.
26	6896.	6896.	1815.	8711.	5145.	12041.
27	6826.	6826.	1988.	8814.	4705.	11531.
28	6629.	6629.	1857.	8486.	4562.	11191.
29	6439.	6439.	1860.	8299.	4484.	10923.
30	6250.	6250.	1897.	8147.	4979.	11229.
31	6009.	6009.	2608.	8617.	6502.	12511.
32	6084.	6084.	4563.	10647.	15169.	21253.
33	6971.	6971.	10808.	17779.	45393.	52364.
34	7601.	7601.	18350.	25951.	71942.	79543.
35	9090.	9090.	35899.	44989.	93381.	102471.
36	7389.	7389.	53916.	61305.	124952.	132341.
37	8032.	8032.	67878.	75910.	129038.	137070.
38	7354.	7354.	56371.	63725.	136258.	143612.
39	6787.	7291.	57173.	64464.	136423.	143714.
40	4662.	7716.	41240.	48956.	128713.	136429.
41	4856.	7573.	44577.	52150.	119570.	127143.
42	21714.	15439.	52314.	67753.	126138.	141577.
43	19973.	19973.	44005.	63978.	114884.	134857.
44	21372.	21372.	40977.	62349.	114771.	136143.
45	20695.	20695.	41289.	61984.	112734.	133429.
46	18935.	18935.	43037.	61972.	115065.	134000.
47	19143.	19143.	48325.	67468.	115286.	134429.
48	12101.	12101.	26322.	38423.	76999.	89100.
49	9714.	9714.	22525.	32239.	63943.	73657.
50	13751.	13751.	23859.	37610.	83878.	97629.
51	13190.	13190.	23550.	36740.	71581.	84771.
52	11099.	11099.	20062.	31161.	69964.	81063.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1978 1	8112.	8112.	13324.	21436.	48617.	56729.
2	8229.	8229.	12137.	20366.	38485.	46714.
3	7378.	7378.	9727.	17105.	26197.	33575.
4	7526.	7526.	7484.	15010.	18605.	26131.
5	7718.	7718.	6517.	14235.	14350.	22068.
6	7962.	7962.	4902.	12864.	11812.	19774.
7	8224.	8224.	4048.	12272.	9440.	17664.
8	8497.	8497.	3627.	12124.	7153.	15650.
9	8757.	8757.	3506.	12263.	17479.	26236.
10	9107.	9107.	3268.	12375.	5391.	14498.
11	9279.	9279.	3167.	12446.	5074.	14353.
12	9006.	9006.	3036.	12042.	5003.	14009.
13	8516.	8516.	3107.	11623.	5037.	13553.
14	8254.	8254.	3141.	11395.	4969.	13223.
15	8220.	8220.	2797.	11017.	5058.	13278.
16	8181.	8181.	2742.	10923.	5157.	13338.
17	8144.	8144.	2526.	10670.	5230.	13374.
18	8102.	8102.	2376.	10478.	5137.	13239.
19	8108.	8108.	2171.	10279.	5252.	13360.
20	8054.	8054.	2029.	10083.	5297.	13351.
21	8004.	8004.	1892.	9896.	5297.	13301.
22	7892.	7892.	1761.	9653.	5140.	13032.
23	7494.	7494.	1738.	9232.	5122.	12616.
24	7243.	7243.	1697.	8940.	5122.	12365.
25	6991.	6991.	1585.	8576.	5122.	12113.
26	6846.	6846.	1702.	8548.	5059.	11905.
27	6739.	6739.	2011.	8750.	4988.	11727.
28	6543.	6543.	1936.	8479.	5016.	11559.
29	6345.	6345.	2062.	8407.	5359.	11704.
30	6156.	6156.	2467.	8623.	6192.	12348.
31	5847.	5847.	3265.	9112.	9525.	15372.
32	5926.	5926.	8395.	14321.	31942.	37868.
33	5933.	5933.	11835.	17768.	42861.	48794.
34	5691.	5804.	11148.	16952.	45467.	51271.
35	5648.	5779.	13048.	18827.	50879.	56658.
36	4437.	7531.	21720.	29251.	54797.	62328.
37	4859.	7349.	31855.	39204.	74551.	81900.
38	4493.	7443.	27488.	34931.	75800.	83243.
39	4744.	7306.	32218.	39524.	90479.	97785.
40	5009.	7010.	39036.	46046.	93819.	100829.
41	4817.	7081.	38184.	45265.	99047.	106128.
42	4836.	7071.	42653.	49724.	97829.	104900.
43	4843.	7089.	43523.	50612.	97640.	104729.
44	10505.	6721.	43836.	50557.	105065.	111786.
45	17917.	6803.	40823.	47626.	102226.	109029.
46	16659.	11471.	37165.	48636.	88355.	99826.
47	13901.	13901.	27859.	41760.	79470.	93371.
48	10010.	10010.	21128.	31138.	60633.	70643.
49	10516.	10516.	24492.	35008.	61613.	72129.
50	9480.	9480.	19487.	28967.	57220.	66700.
51	7126.	7126.	14810.	21936.	44688.	51814.
52	6136.	6136.	10325.	16461.	27671.	33807.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1979 1	6563.	6563.	8293.	14856.	25995.	32558.
2	6924.	6924.	6980.	13904.	39536.	46460.
3	7143.	7143.	6141.	13284.	37472.	44615.
4	7355.	7355.	4797.	12153.	28602.	35958.
5	7625.	7625.	4689.	12314.	23304.	30929.
6	7893.	7893.	4525.	12418.	16884.	24777.
7	8127.	8127.	3790.	11917.	11308.	19435.
8	8403.	8403.	3512.	11915.	8424.	16827.
9	8683.	8683.	3430.	12113.	8065.	16748.
10	9052.	9052.	3306.	12358.	7752.	16804.
11	9223.	9223.	3219.	12442.	7909.	17132.
12	8946.	8946.	2962.	11908.	7781.	16727.
13	8468.	8468.	2881.	11349.	7619.	16087.
14	8205.	8205.	2552.	10757.	7641.	15846.
15	8179.	8179.	2694.	10873.	7694.	15873.
16	8149.	8149.	2476.	10625.	7694.	15843.
17	8121.	8121.	2404.	10525.	7194.	15315.
18	8081.	8081.	2192.	10273.	7287.	15368.
19	8087.	8087.	2107.	10194.	6925.	15012.
20	8038.	8038.	1940.	9978.	6782.	14820.
21	7990.	7990.	1974.	9964.	6496.	14486.
22	7874.	7874.	1946.	9820.	6303.	14177.
23	7447.	7447.	1730.	9177.	5831.	13278.
24	7195.	7195.	1795.	8990.	5831.	13026.
25	6943.	6943.	1716.	8659.	5831.	12774.
26	6797.	6797.	1782.	8579.	5831.	12628.
27	6712.	6712.	1852.	8564.	5369.	12081.
28	6518.	6518.	1935.	8453.	5602.	12120.
29	6322.	6322.	2046.	8368.	6838.	13160.
30	6136.	6136.	3308.	9444.	9717.	15853.
31	5900.	5900.	6155.	12055.	20076.	25976.
32	5905.	5905.	13451.	19356.	62145.	68050.
33	6081.	6081.	19843.	25924.	76552.	82633.
34	6259.	6259.	23660.	29919.	75767.	82026.
35	6619.	6619.	39059.	45678.	95908.	102527.
36	4305.	8197.	32417.	40614.	98317.	106514.
37	4038.	8326.	31088.	39414.	93889.	102215.
38	3874.	8391.	30468.	38859.	84637.	93028.
39	4017.	8247.	39875.	48122.	107982.	116229.
40	5080.	7711.	43191.	50902.	104061.	111772.
41	5049.	7725.	46437.	54162.	111332.	119057.
42	11490.	7448.	63050.	70498.	121081.	128529.
43	30868.	12674.	52771.	65445.	124561.	137235.
44	24867.	24867.	50364.	75231.	112704.	137571.
45	23326.	23326.	44016.	67342.	114960.	138286.
46	18838.	18838.	42950.	61788.	124876.	143714.
47	16043.	16043.	34613.	50656.	108100.	124143.
48	14232.	14232.	23786.	38018.	80225.	94457.
49	8834.	8834.	13452.	22286.	49495.	58329.
50	8606.	8606.	13918.	22524.	46794.	55400.
51	12663.	12663.	14542.	27205.	79451.	92114.
52	10027.	10027.	12749.	22776.	89923.	99950.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1980 1	7486.	7486.	11287.	18773.	58457.	65943.
2	9501.	9501.	13274.	22775.	74399.	83900.
3	7134.	7134.	7932.	15066.	49241.	56375.
4	7341.	7341.	6422.	13763.	33299.	40640.
5	7602.	7602.	5718.	13320.	34626.	42228.
6	7875.	7875.	5483.	13358.	34681.	42556.
7	8194.	8194.	5569.	13763.	32308.	40502.
8	8413.	8413.	3504.	11917.	18977.	27390.
9	8684.	8684.	3739.	12423.	16135.	24819.
10	9029.	9029.	2895.	11924.	14781.	23810.
11	9195.	9195.	2610.	11805.	12965.	22160.
12	8917.	8917.	2665.	11582.	11067.	19984.
13	8432.	8432.	2517.	10949.	10153.	18585.
14	8182.	8182.	2367.	10549.	9485.	17667.
15	8154.	8154.	2373.	10527.	8707.	16861.
16	8119.	8119.	2287.	10406.	8301.	16420.
17	8084.	8084.	2249.	10333.	7953.	16037.
18	8046.	8046.	2153.	10199.	7850.	15896.
19	8046.	8046.	2157.	10203.	7746.	15792.
20	7992.	7992.	2049.	10041.	7671.	15663.
21	7940.	7940.	2025.	9965.	7552.	15492.
22	7833.	7833.	2081.	9914.	7480.	15313.
23	7450.	7450.	1948.	9398.	7536.	14986.
24	7199.	7199.	1909.	9108.	7808.	15007.
25	6948.	6948.	1776.	8724.	7379.	14327.
26	6802.	6802.	1872.	8674.	7665.	14467.
27	6709.	6709.	1947.	8656.	8369.	15078.
28	6513.	6513.	2102.	8615.	9097.	15610.
29	6320.	6320.	2245.	8565.	10676.	16996.
30	6151.	6151.	3262.	9413.	12771.	18922.
31	5981.	5981.	5110.	11091.	19839.	25820.
32	6196.	6196.	6298.	12494.	46417.	52613.
33	6342.	6342.	8123.	14465.	54733.	61075.
34	6186.	6186.	10635.	16821.	65213.	71399.
35	6527.	6527.	18789.	25316.	90818.	97345.
36	7036.	7036.	28725.	35761.	109170.	116206.
37	6593.	6593.	29533.	36126.	118740.	125333.
38	6888.	6888.	35274.	42162.	121721.	128609.
39	6557.	6557.	42781.	49338.	121637.	128194.
40	6111.	7158.	39651.	46809.	131642.	138800.
41	6669.	7133.	46944.	54077.	159924.	167057.
42	31585.	30073.	45345.	75418.	158986.	189059.
43	28372.	28372.	46534.	74906.	146485.	174857.
44	31440.	31440.	39738.	71178.	140703.	172143.
45	21402.	21402.	29514.	50916.	116312.	137714.
46	20230.	20230.	24101.	44331.	111341.	131571.
47	18346.	18346.	23163.	41509.	100368.	118714.
48	13413.	13413.	17979.	31392.	85873.	99286.
49	9786.	9786.	15191.	24977.	74643.	84429.
50	10465.	10465.	15987.	26452.	73106.	83571.
51	17592.	17592.	23739.	41331.	90122.	107714.
52	11492.	11492.	15033.	26525.	77883.	89375.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1981 1	9434.	9434.	11813.	21247.	33137.	42571.
2	8409.	8409.	10294.	18703.	31734.	40143.
3	7103.	7103.	8620.	15723.	26549.	33652.
4	7349.	7349.	7171.	14520.	21721.	29070.
5	7566.	7566.	6026.	13592.	18168.	25734.
6	7845.	7845.	5535.	13380.	15785.	23630.
7	8085.	8085.	4630.	12715.	11211.	19296.
8	8382.	8382.	4420.	12802.	11158.	19540.
9	8659.	8659.	4115.	12774.	10716.	19375.
10	8905.	8905.	3524.	12429.	8213.	17118.
11	9082.	9082.	2952.	12034.	6719.	15801.
12	8816.	8816.	2692.	11508.	5678.	14494.
13	8343.	8343.	2539.	10882.	5383.	13726.
14	8125.	8125.	2609.	10734.	5333.	13458.
15	8109.	8109.	2497.	10606.	5654.	13763.
16	8085.	8085.	2472.	10557.	6005.	14090.
17	8059.	8059.	2475.	10534.	5911.	13970.
18	8026.	8026.	2359.	10385.	6309.	14335.
19	8138.	8138.	2359.	10497.	6617.	14755.
20	8058.	8058.	2210.	10268.	5703.	13761.
21	7979.	7979.	2136.	10115.	5230.	13209.
22	7861.	7861.	2052.	9913.	4680.	12541.
23	7477.	7477.	1978.	9455.	4609.	12086.
24	7233.	7233.	1963.	9196.	4516.	11749.
25	6982.	6982.	1891.	8873.	4704.	11686.
26	6837.	6837.	1893.	8730.	5042.	11879.
27	6745.	6745.	1922.	8667.	5765.	12510.
28	6553.	6553.	1940.	8493.	6490.	13043.
29	6364.	6364.	2134.	8498.	7535.	13899.
30	6205.	6205.	3372.	9577.	11346.	17551.
31	6001.	6001.	9404.	15405.	34661.	40662.
32	6535.	6535.	21475.	28010.	66475.	73010.
33	6449.	6449.	23536.	29985.	73536.	79985.
34	6067.	6067.	21381.	27448.	73438.	79505.
35	6371.	6371.	28230.	34601.	85087.	91458.
36	4677.	8462.	27166.	35628.	81309.	89771.
37	4469.	8511.	26804.	35315.	77704.	86215.
38	4527.	8474.	34626.	43100.	99040.	107514.
39	4723.	8387.	39570.	47957.	100213.	108600.
40	5167.	7328.	37986.	45314.	86443.	93771.
41	9763.	5052.	77562.	82614.	114762.	119814.
42	26546.	13657.	59888.	73545.	151574.	165231.
43	33258.	33258.	53785.	87043.	138028.	171286.
44	34363.	34363.	55962.	90325.	129647.	164010.
45	34210.	34210.	48210.	82420.	128010.	162220.
46	35726.	35726.	58805.	94531.	161862.	197588.
47	35907.	35907.	41459.	77366.	98316.	134223.
48	34767.	34767.	37139.	71906.	91739.	126506.
49	16916.	16916.	27350.	44266.	80564.	97480.
50	13620.	13620.	20137.	33757.	55794.	69414.
51	11366.	11366.	16491.	27857.	44734.	56100.
52	9251.	9251.	12499.	21750.	32912.	42163.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1982 1	6569.	6569.	10645.	17214.	23888.	30457.
2	6753.	6753.	9810.	16563.	21396.	28149.
3	7070.	7070.	9853.	16923.	24753.	31823.
4	7429.	7429.	11195.	18624.	40881.	48310.
5	7719.	7719.	5788.	13507.	21516.	29235.
6	7964.	7964.	4901.	12865.	17773.	25737.
7	8250.	8250.	3835.	12085.	14135.	22385.
8	8490.	8490.	2882.	11372.	11254.	19744.
9	8735.	8735.	2380.	11115.	10466.	19201.
10	9052.	9052.	2101.	11153.	9958.	19010.
11	9221.	9221.	1850.	11071.	9807.	19028.
12	8950.	8950.	1799.	10749.	9314.	18264.
13	8478.	8478.	1542.	10020.	8885.	17363.
14	8288.	8288.	916.	9204.	8202.	16490.
15	8264.	8264.	1417.	9681.	7203.	15467.
16	8233.	8233.	1417.	9650.	6774.	15007.
17	8202.	8202.	1417.	9619.	6417.	14619.
18	8161.	8161.	1408.	9569.	5965.	14126.
19	8202.	8202.	1718.	9920.	5460.	13662.
20	8088.	8088.	1672.	9760.	5529.	13617.
21	7991.	7991.	1695.	9686.	5881.	13872.
22	7871.	7871.	1718.	9589.	5518.	13389.
23	7468.	7468.	1699.	9167.	4856.	12324.
24	7218.	7218.	1699.	8917.	4499.	11717.
25	6973.	6973.	1740.	8713.	3940.	10913.
26	6855.	6855.	2023.	8878.	3637.	10492.
27	6812.	6812.	2071.	8883.	3714.	10526.
28	6617.	6617.	2014.	8631.	3785.	10402.
29	6437.	6437.	2094.	8531.	4294.	10731.
30	6304.	6304.	2643.	8947.	4900.	11204.
31	5975.	5975.	3522.	9497.	6679.	12654.
32	6166.	6166.	8707.	14873.	19793.	25959.
33	6502.	6502.	17655.	24157.	41755.	48257.
34	6727.	6727.	17080.	23807.	43409.	50136.
35	6824.	6824.	25857.	32681.	49728.	56552.
36	6495.	7507.	40736.	48243.	78807.	86314.
37	5653.	7752.	35248.	43000.	83020.	90772.
38	6678.	7352.	35891.	43243.	81048.	88400.
39	6348.	7402.	42855.	50257.	99598.	107000.
40	4771.	8210.	32790.	41000.	82776.	90986.
41	5222.	8022.	34750.	42772.	79593.	87615.
42	5242.	8007.	35865.	43872.	83479.	91486.
43	25662.	11818.	51871.	63689.	111757.	123575.
44	22303.	22303.	44911.	67214.	108697.	131000.
45	15386.	15386.	34414.	49800.	89185.	104571.
46	13388.	13388.	31655.	45043.	80541.	93929.
47	11684.	11684.	26816.	38500.	69602.	81286.
48	13035.	13035.	27136.	40171.	67822.	80857.
49	12548.	12548.	25281.	37829.	70309.	82857.
50	15713.	15713.	26258.	41971.	78430.	94143.
51	24712.	24712.	51445.	76157.	149859.	174571.
52	13620.	13620.	27130.	40750.	78130.	91750.

TABLE 28 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1983 1	9491.	9491.	16609.	26100.	45466.	54957.
2	7464.	7464.	11936.	19400.	28807.	36271.
3	7330.	7330.	8737.	16067.	22752.	30082.
4	7399.	7399.	8738.	16137.	18724.	26123.
5	7537.	7537.	7683.	15220.	16097.	23634.
6	7822.	7822.	6553.	14375.	14267.	22089.
7	8107.	8107.	5756.	13863.	12685.	20792.
8	8392.	8392.	4989.	13381.	11417.	19809.
9	8673.	8673.	4551.	13224.	10051.	18724.
10	9055.	9055.	4072.	13127.	8858.	17913.
11	9236.	9236.	3787.	13023.	7801.	17037.
12	8970.	8970.	3358.	12328.	6944.	15914.
13	8504.	8504.	3455.	11959.	6640.	15144.
14	8291.	8291.	3945.	12236.	7431.	15722.
15	8240.	8240.	3218.	11458.	6261.	14501.
16	8191.	8191.	2869.	11060.	5883.	14074.
17	8151.	8151.	2817.	10968.	5946.	14097.
18	8112.	8112.	2787.	10899.	5787.	13899.
19	8103.	8103.	2745.	10848.	5917.	14020.
20	8063.	8063.	3041.	11104.	6698.	14761.
21	8015.	8015.	2844.	10859.	7287.	15302.
22	7896.	7896.	2365.	10261.	6608.	14504.
23	7479.	7479.	2119.	9598.	5890.	13369.
24	7222.	7222.	1884.	9106.	5455.	12677.
25	6966.	6966.	1695.	8661.	5223.	12189.
26	6814.	6814.	1687.	8501.	5173.	11987.
27	6728.	6728.	1816.	8544.	5202.	11930.
28	6533.	6533.	1920.	8453.	5077.	11610.
29	6349.	6349.	2304.	8653.	5290.	11639.
30	6188.	6188.	3356.	9544.	7099.	13287.
31	6092.	6092.	5733.	11825.	15690.	21782.
32	6476.	6476.	13267.	19743.	44882.	51358.
33	6974.	6974.	23024.	29998.	63110.	70084.
34	6738.	6738.	21747.	28485.	53461.	60199.
35	7187.	7187.	27704.	34891.	65290.	72477.
36	5760.	8102.	29941.	38043.	81412.	89514.
37	4928.	8356.	26329.	34685.	58201.	66557.
38	5293.	8216.	33698.	41914.	83469.	91685.
39	5196.	8223.	40406.	48629.	99249.	107472.
40	4517.	7861.	39211.	47072.	93482.	101343.
41	4243.	8018.	38068.	46086.	90839.	98857.
42	3970.	8180.	30448.	38628.	81848.	90028.
43	16738.	8115.	29270.	37385.	71813.	79928.
44	19944.	7930.	32127.	40057.	75256.	83186.
45	25388.	22976.	49812.	72788.	119755.	142731.
46	23520.	23520.	40866.	64386.	89937.	113457.
47	20778.	20778.	28422.	49200.	69036.	89814.
48	25284.	25284.	28230.	53514.	59645.	84929.
49	17691.	17691.	27509.	45200.	55938.	73629.
50	10946.	10946.	16054.	27000.	38768.	49714.
51	9644.	9644.	11927.	21571.	32527.	42171.
52	11085.	11085.	10840.	21925.	29890.	40975.

TABLE 29

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1952 1	7559.	7221.	0.	0.	7221.	2181.9	1019.	8240.
2	5055.	7534.	0.	0.	7534.	2180.9	680.	8214.
3	3674.	7877.	0.	0.	7877.	2179.3	495.	8372.
4	2855.	8369.	0.	0.	8369.	2177.2	385.	8754.
5	2793.	8797.	0.	0.	8797.	2174.9	482.	9279.
6	2609.	9279.	0.	0.	9279.	2172.4	442.	9721.
7	1928.	9765.	0.	0.	9765.	2169.4	328.	10093.
8	1908.	10205.	0.	0.	10205.	2166.3	323.	10528.
9	1761.	10624.	0.	0.	10624.	2162.9	299.	10923.
10	1489.	11171.	0.	0.	11171.	2159.2	255.	11426.
11	1489.	11445.	0.	0.	11445.	2155.5	255.	11700.
12	1489.	11109.	0.	0.	11109.	2151.8	255.	11364.
13	1489.	10479.	0.	0.	10479.	2148.1	255.	10734.
14	1329.	10115.	0.	0.	10115.	2144.1	218.	10333.
15	1295.	10103.	0.	0.	10103.	2140.2	213.	10316.
16	1299.	10105.	0.	0.	10105.	2136.2	213.	10318.
17	1299.	10080.	0.	0.	10080.	2132.3	213.	10293.
18	1069.	10053.	0.	0.	10053.	2128.2	173.	10226.
19	819.	10051.	0.	0.	10051.	2124.1	94.	10145.
20	819.	10016.	0.	0.	10016.	2119.9	94.	10110.
21	819.	9959.	0.	0.	9959.	2115.8	94.	10053.
22	784.	9835.	0.	0.	9835.	2111.8	92.	9927.
23	730.	9325.	0.	0.	9325.	2107.9	93.	9418.
24	730.	8972.	0.	0.	8972.	2104.2	93.	9065.
25	730.	8611.	0.	0.	8611.	2100.6	93.	8704.
26	730.	8386.	0.	0.	8386.	2096.7	93.	8479.
27	796.	8208.	0.	0.	8208.	2092.7	69.	8277.
28	796.	7925.	0.	0.	7925.	2088.9	69.	7994.
29	796.	7586.	0.	0.	7586.	2085.3	69.	7655.
30	796.	7119.	0.	0.	7119.	2082.0	69.	7188.
31	909.	6587.	0.	0.	6587.	2078.9	161.	6748.
32	1132.	6310.	0.	0.	6310.	2076.2	216.	6526.
33	1549.	6533.	0.	0.	6533.	2073.5	295.	6828.
34	3357.	6211.	0.	0.	6211.	2072.0	637.	6848.
35	16784.	5939.	0.	0.	5939.	2077.8	3024.	8963.
36	19892.	5645.	0.	0.	5645.	2085.4	3259.	8904.
37	28174.	5336.	0.	0.	5336.	2097.5	4614.	9950.
38	30555.	5162.	0.	0.	5162.	2109.3	5006.	10168.
39	27039.	5141.	0.	0.	5141.	2119.2	4431.	9572.
40	23527.	4990.	0.	0.	4990.	2127.5	2928.	7918.
41	16714.	5016.	0.	0.	5016.	2132.8	2082.	7098.
42	21361.	5065.	0.	0.	5065.	2140.1	2660.	7725.
43	23150.	5155.	0.	0.	5155.	2148.2	2882.	8037.
44	30727.	5466.	0.	0.	5466.	2158.1	3803.	9269.
45	19888.	5879.	0.	0.	5879.	2163.4	2684.	8563.
46	15618.	6238.	0.	0.	6238.	2167.0	2104.	8342.
47	11855.	6567.	0.	0.	6567.	2169.0	1599.	8166.
48	13935.	6634.	0.	0.	6634.	2171.7	1849.	8483.
49	15561.	6495.	0.	0.	6495.	2175.2	2532.	9027.
50	10522.	7021.	0.	0.	7021.	2176.5	1714.	8735.
51	9086.	7286.	0.	0.	7286.	2177.2	1481.	8767.
52	10876.	7291.	0.	0.	7291.	2178.8	1770.	9061.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN-	TOTAL
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	ING FLOW WATANA-DEVIL	FLOW DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1958 1	7628.	7221.	0.	0.	7221.	2184.0	1775.	8996.
2	6544.	7534.	0.	0.	7534.	2183.7	1523.	9057.
3	5337.	7877.	0.	0.	7877.	2182.7	1242.	9119.
4	5503.	8369.	0.	0.	8369.	2181.6	1281.	9650.
5	3997.	8797.	0.	0.	8797.	2179.8	888.	9685.
6	3287.	9279.	0.	0.	9279.	2177.5	734.	10013.
7	2815.	9765.	0.	0.	9765.	2174.9	628.	10393.
8	2314.	11200.	0.	0.	11200.	2171.5	517.	11717.
9	2637.	11569.	0.	0.	11569.	2168.1	584.	12153.
10	2991.	11967.	0.	0.	11967.	2164.7	877.	12844.
11	2551.	12285.	0.	0.	12285.	2161.0	749.	13034.
12	1902.	12022.	0.	0.	12022.	2157.2	558.	12580.
13	1544.	11434.	0.	0.	11434.	2153.4	454.	11888.
14	1839.	11142.	0.	0.	11142.	2149.8	389.	11531.
15	1614.	11147.	0.	0.	11147.	2145.6	339.	11486.
16	1408.	11148.	0.	0.	11148.	2141.2	295.	11443.
17	1332.	11139.	0.	0.	11139.	2136.8	279.	11418.
18	1101.	11138.	0.	0.	11138.	2132.3	230.	11368.
19	1152.	11190.	0.	0.	11190.	2127.7	181.	11371.
20	1038.	11154.	0.	0.	11154.	2123.2	163.	11317.
21	959.	11114.	0.	0.	11114.	2118.6	150.	11264.
22	959.	10995.	0.	0.	10995.	2114.1	152.	11147.
23	1024.	10499.	0.	0.	10499.	2109.8	114.	10613.
24	1000.	10160.	0.	0.	10160.	2105.7	110.	10270.
25	939.	9819.	0.	0.	9819.	2101.7	103.	9922.
26	939.	9528.	0.	0.	9628.	2097.4	103.	9731.
27	950.	9483.	0.	0.	9483.	2092.9	121.	9604.
28	1063.	9223.	0.	0.	9223.	2088.5	135.	9358.
29	1153.	8960.	0.	0.	8960.	2084.4	146.	9106.
30	1398.	8543.	0.	0.	8543.	2080.6	177.	8720.
31	3001.	7904.	0.	0.	7904.	2078.0	550.	8454.
32	5917.	7572.	0.	0.	7572.	2077.1	1133.	8705.
33	8267.	7407.	0.	0.	7407.	2077.5	1582.	8989.
34	15742.	6588.	0.	0.	6588.	2082.4	3010.	9598.
35	16842.	6413.	0.	0.	6413.	2088.0	3161.	9574.
36	24642.	6642.	0.	0.	6642.	2097.5	2474.	9116.
37	24642.	6403.	0.	0.	6403.	2106.1	2474.	8877.
38	21247.	6232.	0.	0.	6232.	2117.9	2134.	8366.
39	19363.	6169.	0.	0.	6169.	211[illegible]	1941.	8110.
40	18442.	4990.	0.	0.	4990.	2124	1806.	6796.
41	18442.	5016.	0.	0.	5016.	213[illegible]	1806.	6822.
42	18442.	5065.	0.	0.	5065.	213[illegible]	1806.	6871.
43	18082.	5155.	0.	0.	5155.	214.	1769.	6924.
44	32829.	5466.	0.	0.	5466.	21[illegible]	3998.	9464.
45	23946.	5586.	0.	0.	5586.	21[illegible]	3051.	8637.
46	17783.	5759.	0.	0.	5759.	2[illegible]	2265.	8024.
47	14415.	5988.	0.	0.	5988.	2[illegible]	1836.	7824.
48	9969.	6318.	0.	0.	6318.	21	1270.	7588.
49	6605.	6620.	0.	0.	6620.	2[illegible]	1132.	7752.
50	6605.	7052.	0.	0.	7052.	217[illegible]	1132.	8184.
51	5128.	7288.	0.	0.	7288.	2169.4	880.	8168.
52	5129.	5882.	0.	0.	5882.	2169.1	878.	6760.

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CANYN	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1959 1	4604.	5777.	0.	0.	5777.	2168.6	936.	6713.
2	4050.	6027.	0.	0.	6027.	2167.9	823.	6850.
3	3875.	6302.	0.	0.	6302.	2166.9	787.	7089.
4	2689.	6695.	0.	0.	6695.	2165.4	547.	7242.
5	2392.	7038.	0.	0.	7038.	2163.7	378.	7416.
6	2068.	7423.	0.	0.	7423.	2161.6	320.	7743.
7	1760.	7812.	0.	0.	7812.	2159.3	275.	8087.
8	1352.	8164.	0.	0.	8164.	2156.7	211.	8375.
9	1215.	8499.	0.	0.	8499.	2154.0	190.	8689.
10	797.	8937.	0.	0.	8937.	2150.9	188.	9125.
11	879.	9156.	0.	0.	9156.	2147.3	207.	9363.
12	1375.	8887.	0.	0.	8887.	2143.9	324.	9211.
13	1375.	8383.	0.	0.	8383.	2140.8	324.	8707.
14	1150.	8092.	0.	0.	8092.	2137.7	253.	8345.
15	1109.	8082.	0.	0.	8082.	2134.5	242.	8324.
16	1056.	8084.	0.	0.	8084.	2131.4	232.	8316.
17	1035.	8064.	0.	0.	8064.	2128.2	227.	8291.
18	1051.	8042.	0.	0.	8042.	2125.1	225.	8267.
19	1027.	10051.	0.	0.	10051.	2121.0	251.	10302.
20	984.	10016.	0.	0.	10016.	2116.9	242.	10258.
21	879.	9959.	0.	0.	9959.	2112.9	217.	10176.
22	797.	9835.	0.	0.	9835.	2108.8	200.	10035.
23	683.	9325.	0.	0.	9325.	2104.9	182.	9507.
24	683.	8972.	0.	0.	8972.	2101.2	182.	9154.
25	683.	8611.	0.	0.	8611.	2097.2	182.	8793.
26	683.	8386.	0.	0.	8386.	2093.1	182.	8568.
27	666.	8208.	0.	0.	8208.	2089.1	165.	8373.
28	666.	7925.	0.	0.	7925.	2085.2	165.	8090.
29	952.	7586.	0.	0.	7586.	2081.7	235.	7821.
30	999.	7119.	0.	0.	7119.	2078.4	247.	7366.
31	1801.	6587.	0.	0.	6587.	2075.9	670.	7257.
32	2951.	6310.	0.	0.	6310.	2074.1	1092.	7402.
33	12604.	5895.	0.	0.	5895.	2077.6	4657.	10552.
34	17856.	4814.	0.	0.	4814.	2084.6	6599.	11413.
35	14298.	5329.	0.	0.	5329.	2089.4	5354.	10683.
36	20496.	5645.	0.	0.	5645.	2097.3	3364.	9009.
37	15311.	5336.	0.	0.	5336.	2102.2	2511.	7847.
38	18247.	5193.	0.	0.	5193.	2108.1	2992.	8185.
39	20418.	5141.	0.	0.	5141.	2114.9	3351.	8492.
40	21688.	4990.	0.	0.	4990.	2122.4	2957.	7947.
41	20819.	5016.	0.	0.	5016.	2129.5	2840.	7856.
42	22556.	5065.	0.	0.	5065.	2137.4	3076.	8141.
43	17816.	5155.	0.	0.	5155.	2143.1	2429.	7584.
44	18373.	5466.	0.	0.	5466.	2148.9	3570.	9036.
45	14392.	5586.	0.	0.	5586.	2152.4	2796.	8382.
46	18474.	5597.	0.	0.	5597.	2157.3	3590.	9187.
47	34121.	4275.	0.	0.	4275.	2168.6	6635.	10910.
48	33290.	4508.	0.	0.	4508.	2179.6	6473.	10981.
49	20953.	6620.	0.	72.	6692.	2185.0	4882.	11574.
50	10324.	8462.	0.	2362.	10824.	2185.0	2525.	13349.
51	8131.	8131.	0.	0.	8131.	2185.0	1895.	10026.
52	7669.	7669.	0.	0.	7669.	2185.0	1790.	9459.

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	8534.	8534.	0.	0.	8534.	2185.0	1473.	10007.
2	5896.	8476.	0.	0.	8476.	2184.0	1017.	9493.
3	3243.	9113.	0.	0.	9113.	2181.8	560.	9673.
4	4051.	8369.	0.	0.	8369.	2180.1	700.	9069.
5	2692.	8797.	0.	0.	8797.	2177.8	500.	9297.
6	2292.	9279.	0.	0.	9279.	2175.2	424.	9703.
7	2194.	9765.	0.	0.	9765.	2172.3	405.	10170.
8	2064.	10205.	0.	0.	10205.	2169.2	380.	10585.
9	1962.	11692.	0.	0.	11692.	2165.5	360.	12052.
10	1656.	12239.	0.	0.	12239.	2161.5	339.	12578.
11	1656.	12505.	0.	0.	12505.	2157.4	339.	12844.
12	1656.	12156.	0.	0.	12156.	2153.4	339.	12495.
13	1656.	11518.	0.	0.	11518.	2149.6	339.	11857.
14	1541.	11209.	0.	0.	11209.	2145.2	316.	11525.
15	1523.	11202.	0.	0.	11202.	2140.9	312.	11514.
16	1360.	11202.	0.	0.	11202.	2136.4	277.	11479.
17	1295.	11192.	0.	0.	11192.	2132.0	264.	11456.
18	1227.	11176.	0.	0.	11176.	2127.5	247.	11423.
19	1175.	11226.	0.	0.	11226.	2123.0	203.	11429.
20	1152.	11183.	0.	0.	11183.	2118.5	199.	11382.
21	1097.	11141.	0.	0.	11141.	2114.0	189.	11330.
22	1062.	11024.	0.	0.	11024.	2109.5	185.	11209.
23	1041.	10518.	0.	0.	10518.	2105.2	164.	10682.
24	996.	10180.	0.	0.	10180.	2101.1	156.	10336.
25	882.	9846.	0.	0.	9846.	2096.5	137.	9983.
26	882.	9657.	0.	0.	9657.	2091.8	137.	9794.
27	694.	9543.	0.	0.	9543.	2087.1	96.	9639.
28	694.	9291.	0.	0.	9291.	2082.6	96.	9387.
29	910.	9019.	0.	0.	9019.	2078.2	125.	9144.
30	945.	8543.	0.	0.	8543.	2074.2	132.	8675.
31	4703.	7904.	0.	0.	7904.	2072.5	642.	8546.
32	6668.	6310.	0.	0.	6310.	2072.7	898.	7208.
33	12886.	6533.	0.	0.	6533.	2076.1	1731.	8264.
34	20055.	6211.	0.	0.	6211.	2083.4	2695.	8906.
35	20716.	5939.	0.	0.	5939.	2091.3	2808.	8747.
36	11838.	5645.	0.	0.	5645.	2094.6	1290.	6935.
37	12275.	5336.	0.	0.	5336.	2098.3	1335.	6671.
38	12710.	5193.	0.	0.	5193.	2101.9	1383.	6576.
39	13971.	5141.	0.	0.	5141.	2105.9	1520.	6661.
40	19936.	4990.	0.	0.	4990.	2112.6	2220.	7210.
41	14780.	5016.	0.	0.	5016.	2117.0	1646.	6662.
42	17003.	4052.	0.	0.	4052.	2122.9	1895.	5947.
43	23312.	4124.	0.	0.	4124.	2131.5	2599.	6723.
44	26487.	4373.	0.	0.	4371.	2141.4	3567.	7940.
45	20467.	4469.	0.	0.	4469.	2148.6	2937.	7406.
46	18086.	4607.	0.	0.	4607.	2154.0	2595.	7202.
47	17477.	4790.	0.	0.	4790.	2158.8	2507.	7297.
48	16811.	5054.	0.	0.	5054.	2163.2	2415.	7469.
49	14281.	5296.	0.	0.	5296.	2166.7	2542.	7838.
50	22570.	5642.	0.	0.	5642.	2173.1	4016.	9658.
51	15996.	5830.	0.	0.	5830.	2176.9	2848.	8678.
52	11980.	5882.	0.	0.	5882.	2179.6	2132.	8014.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CANYN	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1964 1	7204.	8006.	0.	0.	8006.	2184.7	1123.	9129.
2	6067.	8511.	0.	0.	8511.	2183.8	944.	9455.
3	4963.	9016.	0.	0.	9016.	2182.2	774.	9790.
4	3760.	9534.	0.	0.	9534.	2180.0	587.	10121.
5	2277.	8797.	0.	0.	8797.	2177.6	381.	9178.
6	2037.	9279.	0.	0.	9279.	2174.8	337.	9616.
7	1803.	9765.	0.	0.	9765.	2171.8	297.	10062.
8	1489.	10205.	0.	0.	10205.	2168.5	247.	10452.
9	1454.	10624.	0.	0.	10624.	2165.0	236.	10860.
10	1358.	12300.	0.	0.	12300.	2160.8	218.	12518.
11	1311.	12570.	0.	0.	12570.	2156.6	212.	12782.
12	1038.	12244.	0.	0.	12244.	2152.3	167.	12411.
13	1038.	11609.	0.	0.	11609.	2148.0	167.	11776.
14	913.	11310.	0.	0.	11310.	2143.3	134.	11444.
15	888.	11307.	0.	0.	11307.	2138.6	132.	11439.
16	830.	11298.	0.	0.	11298.	2133.9	124.	11422.
17	807.	11287.	0.	0.	11287.	2129.2	119.	11406.
18	816.	11265.	0.	0.	11265.	2124.5	118.	11383.
19	818.	11294.	0.	0.	11294.	2119.8	124.	11418.
20	802.	10016.	0.	0.	10015.	2115.6	120.	10136.
21	760.	9959.	0.	0.	9959.	2111.5	116.	10075.
22	696.	9835.	0.	0.	9835.	2107.4	106.	9941.
23	612.	9325.	0.	0.	9325.	2103.5	95.	9420.
24	588.	8972.	0.	0.	8972.	2099.6	91.	9063.
25	524.	8611.	0.	0.	8611.	2095.3	82.	8693.
26	524.	8386.	0.	0.	8386.	2091.1	82.	8468.
27	588.	8208.	0.	0.	8208.	2087.1	86.	8294.
28	588.	7925.	0.	0.	7925.	2083.2	86.	8011.
29	637.	7586.	0.	0.	7586.	2079.5	93.	7679.
30	646.	7119.	0.	0.	7119.	2076.0	94.	7213.
31	524.	6587.	0.	0.	6587.	2072.8	66.	6653.
32	521.	6310.	0.	0.	6310.	2069.7	83.	6393.
33	699.	5226.	0.	0.	5226.	2067.3	110.	5336.
34	1548.	4969.	0.	0.	4969.	2065.5	242.	5211.
35	17791.	3742.	0.	0.	3742.	2073.0	2238.	5980.
36	66753.	3556.	0.	0.	3556.	2105.6	7730.	11286.
37	45845.	4269.	0.	0.	4269.	2124.3	5308.	9577.
38	38257.	5193.	0.	0.	5193.	2139.2	4430.	9623.
39	27669.	5695.	0.	0.	5695.	2149.0	3203.	8898.
40	22261.	5970.	0.	0.	5970.	2155.4	2009.	7979.
41	22938.	5891.	0.	0.	5891.	2161.9	2071.	7962.
42	21646.	5829.	0.	0.	5829.	2167.9	1955.	7784.
43	14854.	5542.	0.	0.	5542.	2171.4	1340.	6882.
44	16893.	6247.	0.	0.	6247.	2175.4	1836.	8083.
45	15985.	6235.	0.	0.	6235.	2179.1	1751.	7986.
46	12889.	6260.	0.	0.	6260.	2181.7	1411.	7671.
47	13741.	6488.	0.	0.	6488.	2184.4	1506.	7994.
48	11603.	8845.	0.	1238.	10084.	2185.0	1277.	11361.
49	8901.	8901.	0.	0.	8901.	2185.0	1588.	10489.
50	7255.	7255.	0.	0.	7255.	2185.0	1293.	8548.
51	7294.	7327.	0.	0.	7327.	2185.0	1301.	8628.
52	6247.	7555.	0.	0.	7555.	2184.4	1114.	8669.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1966 1	10948.	8665.	0.	2283.	10948.	2185.0	2686.	13634.
2	6087.	8260.	0.	0.	8260.	2184.2	1492.	9752.
3	2852.	9050.	0.	0.	9050.	2181.8	698.	9748.
4	2359.	8369.	0.	0.	8369.	2179.5	578.	8947.
5	2043.	8797.	0.	0.	8797.	2177.0	457.	9254.
6	1676.	9279.	0.	0.	9279.	2174.1	366.	9645.
7	1481.	9765.	0.	0.	9765.	2170.9	323.	10088.
8	1412.	10205.	0.	0.	10205.	2167.6	309.	10514.
9	1361.	10624.	0.	0.	10624.	2164.1	295.	10919.
10	1265.	11171.	0.	0.	11171.	2160.3	289.	11460.
11	1223.	11445.	0.	0.	11445.	2156.4	280.	11725.
12	1174.	11109.	0.	0.	11109.	2152.7	268.	11377.
13	1129.	10479.	0.	0.	10479.	2148.9	259.	10738.
14	1075.	10115.	0.	0.	10115.	2144.9	223.	10338.
15	1062.	10103.	0.	0.	10103.	2140.8	219.	10322.
16	1062.	10105.	0.	0.	10105.	2136.7	219.	10324.
17	1062.	10080.	0.	0.	10080.	2132.7	219.	10299.
18	1025.	10053.	0.	0.	10053.	2128.6	213.	10266.
19	980.	10051.	0.	0.	10051.	2124.5	200.	10251.
20	980.	10016.	0.	0.	10016.	2120.5	200.	10216.
21	980.	9959.	0.	0.	9959.	2116.4	200.	10159.
22	983.	9835.	0.	0.	9835.	2112.5	201.	10036.
23	985.	9325.	0.	0.	9325.	2108.7	202.	9527.
24	985.	8972.	0.	0.	8972.	2105.1	202.	9174.
25	985.	8611.	0.	0.	8611.	2101.7	202.	8813.
26	985.	8386.	0.	0.	8386.	2098.1	202.	8588.
27	1091.	8208.	0.	0.	8208.	2094.3	226.	8434.
28	1091.	7925.	0.	0.	7925.	2090.6	226.	8151.
29	1432.	7586.	0.	0.	7586.	2087.4	299.	7885.
30	1490.	7119.	0.	0.	7119.	2084.4	310.	7429.
31	2210.	6587.	0.	0.	6587.	2082.0	504.	7091.
32	2873.	6310.	0.	0.	6310.	2080.2	667.	6977.
33	5322.	6533.	0.	0.	6533.	2079.6	1235.	7768.
34	10202.	6211.	0.	0.	6211.	2081.7	2367.	8578.
35	16017.	5939.	0.	0.	5939.	2087.0	3686.	9625.
36	37660.	4693.	0.	0.	4693.	2103.9	6451.	11144.
37	26954.	5336.	0.	0.	5336.	2113.6	4615.	9951.
38	22768.	5626.	0.	0.	5626.	2121.3	3900.	9526.
39	19214.	5751.	0.	0.	5751.	2127.4	3291.	9042.
40	15178.	5986.	0.	0.	5986.	2131.5	2212.	8198.
41	14458.	5992.	0.	0.	5992.	2135.3	2106.	8098.
42	15132.	5903.	0.	0.	5903.	2139.5	2205.	8108.
43	17122.	5155.	0.	0.	5155.	2144.8	2493.	7648.
44	22511.	5466.	0.	0.	5466.	2152.1	3578.	9044.
45	18320.	5586.	0.	0.	5586.	2157.0	3025.	8611.
46	15064.	5759.	0.	0.	5759.	2160.5	2488.	8247.
47	18252.	5940.	0.	0.	5940.	2165.2	3014.	8954.
48	14606.	6318.	0.	0.	6318.	2168.3	2410.	8728.
49	10023.	6620.	0.	0.	6620.	2169.6	1779.	8399.
50	9733.	7043.	0.	0.	7043.	2170.6	1729.	8772.
51	9623.	7212.	0.	0.	7212.	2171.5	1709.	8920.
52	7019.	7353.	0.	0.	7353.	2171.4	1248.	8601.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1969 1	4162.	8264.	0.	0.	8264.	2181.4	589.	8853.
2	3593.	7534.	0.	0.	7534.	2179.5	509.	8043.
3	2768.	7877.	0.	0.	7877.	2177.9	392.	8269.
4	2457.	8369.	0.	0.	8369.	2175.7	348.	8717.
5	2109.	8797.	0.	0.	8797.	2173.1	277.	9074.
6	1631.	9279.	0.	0.	9279.	2170.2	213.	9492.
7	1241.	9765.	0.	0.	9765.	2167.0	163.	9928.
8	1087.	10205.	0.	0.	10205.	2163.5	142.	10347.
9	901.	10624.	0.	0.	10624.	2159.8	116.	10740.
10	809.	11171.	0.	0.	11171.	2155.9	87.	11258.
11	767.	11445.	0.	0.	11445.	2151.8	82.	11527.
12	724.	11109.	0.	0.	11109.	2147.5	77.	11186.
13	687.	10479.	0.	0.	10479.	2143.1	74.	10553.
14	658.	10115.	0.	0.	10115.	2138.9	73.	10188.
15	640.	10103.	0.	0.	10103.	2134.6	71.	10174.
16	598.	10105.	0.	0.	10105.	2130.3	65.	10170.
17	598.	8064.	0.	0.	8064.	2127.0	65.	8129.
18	598.	8042.	0.	0.	8042.	2123.6	65.	8107.
19	587.	8041.	0.	0.	8041.	2120.3	73.	8114.
20	599.	8013.	0.	0.	8013.	2116.9	74.	8087.
21	630.	7967.	0.	0.	7967.	2113.6	77.	8044.
22	630.	7868.	0.	0.	7868.	2110.4	77.	7945.
23	655.	7460.	0.	0.	7460.	2107.3	80.	7540.
24	673.	7178.	0.	0.	7178.	2104.4	82.	7260.
25	709.	6889.	0.	0.	6889.	2101.6	87.	6976.
26	732.	6709.	0.	0.	6709.	2098.7	90.	6799.
27	779.	6566.	0.	0.	6566.	2095.6	99.	6665.
28	919.	6340.	0.	0.	6340.	2092.8	117.	6457.
29	1196.	6069.	0.	0.	6069.	2090.2	152.	6221.
30	1696.	5695.	0.	0.	5695.	2088.0	216.	5911.
31	2867.	5270.	0.	0.	5270.	2086.7	341.	5611.
32	5116.	5048.	0.	0.	5048.	2086.8	611.	5659.
33	9727.	5226.	0.	0.	5226.	2089.2	1165.	6391.
34	17064.	4969.	0.	0.	4969.	2095.6	2040.	7009.
35	10209.	4751.	0.	0.	4751.	2098.5	1237.	5988.
36	11525.	4516.	0.	0.	4516.	2101.9	787.	5303.
37	14689.	4269.	0.	0.	4269.	2106.6	1003.	5272.
38	16092.	4154.	0.	0.	4154.	2112.0	1099.	5253.
39	14614.	4113.	0.	0.	4113.	2116.7	996.	5109.
40	13051.	3992.	0.	0.	3992.	2120.8	674.	4666.
41	16518.	4013.	0.	0.	4013.	2126.4	854.	4867.
42	16974.	4052.	0.	0.	4052.	2132.2	874.	4926.
43	14188.	4124.	0.	0.	4124.	2136.7	733.	4857.
44	11668.	4373.	0.	0.	4373.	2140.0	1035.	5408.
45	12201.	4469.	0.	0.	4469.	2143.5	1126.	5595.
46	6318.	5426.	0.	0.	5426.	2143.9	585.	6011.
47	5126.	7125.	0.	0.	7125.	2143.0	472.	7597.
48	4792.	7199.	0.	0.	7199.	2141.9	442.	7641.
49	5256.	6953.	0.	0.	6953.	2141.1	668.	7621.
50	4595.	6084.	0.	0.	6084.	2140.5	584.	6668.
51	3939.	5213.	0.	0.	5213.	2139.9	502.	5715.
52	3308.	5339.	0.	0.	5339.	2138.9	421.	5760.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1971 1	4991.	5777.	0.	0.	5777.	2155.6	1302.	7079.
2	4166.	6027.	0.	0.	6027.	2154.9	1087.	7114.
3	3393.	6302.	0.	0.	6302.	2153.8	886.	7188.
4	2885.	6695.	0.	0.	6695.	2152.4	753.	7448.
5	2923.	7038.	0.	0.	7038.	2150.8	698.	7736.
6	2796.	7423.	0.	0.	7423.	2148.9	653.	8076.
7	2543.	7812.	0.	0.	7812.	2146.5	595.	8407.
8	2249.	8164.	0.	0.	8164.	2143.8	526.	8690.
9	2013.	8499.	0.	0.	8499.	2140.9	473.	8972.
10	1886.	8937.	0.	0.	8937.	2137.8	435.	9372.
11	1761.	9156.	0.	0.	9156.	2134.4	405.	9561.
12	1614.	8887.	0.	0.	8887.	2131.2	372.	9259.
13	1446.	8383.	0.	0.	8383.	2128.0	333.	8716.
14	1328.	8092.	0.	0.	8092.	2125.0	269.	8361.
15	1188.	8082.	0.	0.	8082.	2121.9	241.	8323.
16	1080.	8084.	0.	0.	8084.	2118.7	218.	8302.
17	950.	8064.	0.	0.	8064.	2115.5	190.	8254.
18	880.	8042.	0.	0.	8042.	2112.3	179.	8221.
19	881.	8041.	0.	0.	8041.	2109.1	178.	8219.
20	746.	8013.	0.	0.	8013.	2105.8	162.	8175.
21	746.	7967.	0.	0.	7967.	2102.6	162.	8129.
22	730.	7868.	0.	0.	7868.	2099.2	159.	8027.
23	716.	7460.	0.	0.	7460.	2095.6	149.	7609.
24	716.	7178.	0.	0.	7178.	2092.2	149.	7327.
25	716.	6889.	0.	0.	6889.	2088.9	149.	7038.
26	716.	6709.	0.	0.	6709.	2085.7	149.	6858.
27	717.	6566.	0.	0.	6566.	2082.6	153.	6719.
28	744.	6340.	0.	0.	6340.	2079.6	159.	6499.
29	808.	6069.	0.	0.	6069.	2076.8	172.	6241.
30	904.	5695.	0.	0.	5695.	2074.3	192.	5887.
31	1098.	5270.	0.	0.	5270.	2072.1	214.	5484.
32	1415.	5048.	0.	0.	5048.	2070.1	285.	5333.
33	2087.	5226.	0.	0.	5226.	2068.4	419.	5645.
34	3683.	4969.	0.	0.	4969.	2067.8	741.	5710.
35	6558.	4751.	0.	0.	4751.	2068.7	1303.	6054.
36	19251.	4516.	0.	0.	4516.	2076.6	2359.	6875.
37	39740.	4269.	0.	0.	4269.	2095.5	4872.	9141.
38	24136.	4154.	0.	0.	4154.	2105.2	2958.	7112.
39	33340.	4113.	0.	0.	4113.	2118.3	4068.	8201.
40	21395.	4990.	0.	0.	4990.	2125.7	1794.	6784.
41	21771.	5016.	0.	0.	5016.	2133.2	1825.	6841.
42	25092.	5065.	0.	0.	5065.	2142.2	2105.	7170.
43	16325.	5155.	0.	0.	5155.	2147.2	1369.	6524.
44	20943.	5466.	0.	0.	5466.	2153.5	2218.	7684.
45	38945.	5586.	0.	0.	5586.	2166.2	4061.	9647.
46	34819.	6137.	0.	0.	6137.	2177.1	3628.	9765.
47	21352.	6228.	0.	0.	6228.	2182.9	2225.	8453.
48	16880.	8845.	0.	2402.	11247.	2185.0	1777.	13024.
49	19170.	9268.	0.	9902.	19170.	2185.0	2289.	21459.
50	12233.	9873.	0.	2360.	12233.	2185.0	1460.	13693.
51	9251.	9251.	0.	0.	9251.	2185.0	1103.	10354.
52	8027.	8027.	0.	0.	8027.	2185.0	958.	8985.

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CANYN	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1972 1	6619.	8183.	0.	0.	[illegible]	2184.4	735.	8918.
2	5931.	8642.	0.	0.	8642.	2183.4	659.	9301.
3	4501.	9143.	0.	0.	9143.	2181.6	501.	9644.
4	3711.	8369.	0.	0.	8369.	2179.8	413.	8782.
5	3005.	8797.	0.	0.	8797.	2177.6	381.	9178.
6	2717.	9279.	0.	0.	9279.	2175.2	339.	9618.
7	2574.	9765.	0.	0.	9765.	2172.4	322.	10087.
8	2430.	10205.	0.	0.	10205.	2169.5	305.	10510.
9	2311.	11721.	0.	0.	11721.	2165.9	291.	12012.
10	2016.	12220.	0.	0.	12220.	2162.0	373.	12593.
11	2016.	12484.	0.	0.	12484.	2158.0	373.	12857.
12	1860.	12147.	0.	0.	12147.	2154.1	345.	12492.
13	1860.	11509.	0.	0.	11509.	2150.5	345.	11854.
14	1790.	11166.	0.	0.	11166.	2146.3	392.	11558.
15	1642.	11169.	0.	0.	11169.	2142.0	359.	11528.
16	1642.	11152.	0.	0.	11152.	2137.8	359.	11511.
17	1642.	11134.	0.	0.	11134.	2133.5	359.	11493.
18	1643.	11108.	0.	0.	11108.	2129.2	357.	11465.
19	1528.	11135.	0.	0.	11135.	2124.9	357.	11492.
20	1465.	11095.	0.	0.	11095.	2120.6	342.	11437.
21	1465.	11047.	0.	0.	11047.	2116.3	342.	11389.
22	1403.	10932.	0.	0.	10932.	2112.0	327.	11259.
23	1416.	10427.	0.	0.	10427.	2107.9	302.	10729.
24	1351.	10091.	0.	0.	10091.	2104.0	288.	10379.
25	1351.	9743.	0.	0.	9743.	2100.2	288.	10031.
26	1329.	9553.	0.	0.	9553.	2095.9	284.	9837.
27	1241.	9436.	0.	0.	9436.	2091.5	242.	9678.
28	1241.	9181.	0.	0.	9161.	2087.3	242.	9423.
29	1189.	8927.	0.	0.	8927.	2083.2	233.	9160.
30	1241.	8543.	0.	0.	8543.	2079.3	242.	8785.
31	2386.	7904.	0.	0.	7904.	2076.4	560.	8464.
32	13753.	6641.	0.	0.	6641.	2080.2	3317.	9958.
33	13553.	6546.	0.	0.	6546.	2083.9	3270.	9816.
34	18894.	5787.	0.	0.	5787.	2090.9	4558.	10345.
35	31966.	4609.	0.	0.	4609.	2104.6	7421.	12030.
36	20142.	6211.	0.	0.	6211.	2110.9	3190.	9401.
37	35772.	4879.	0.	0.	4879.	2124.7	5665.	10544.
38	31327.	5061.	0.	0.	5061.	2136.6	4961.	10022.
39	21178.	5644.	0.	0.	5644.	2143.5	3354.	8998.
40	22096.	5913.	0.	0.	5913.	2150.7	2178.	8091.
41	22084.	5862.	0.	0.	5862.	2156.9	2177.	8039.
42	19683.	5789.	0.	0.	5789.	2162.1	1940.	7729.
43	16050.	5636.	0.	0.	5636.	2166.1	1582.	7218.
44	18343.	5995.	0.	0.	5995.	2170.8	1225.	7220.
45	19675.	6113.	0.	0.	6113.	2175.9	1278.	7391.
46	18045.	6239.	0.	0.	6238.	2180.4	1174.	7412.
47	18653.	6601.	0.	0.	6601.	2185.0	1212.	7813.
48	12473.	8845.	0.	3628.	12473.	2185.0	817.	13290.
49	11598.	9268.	0.	2330.	11598.	2185.0	991.	12589.
50	15857.	9873.	0.	5984.	15857.	2185.0	1355.	17212.
51	11686.	10203.	0.	1483.	11686.	2185.0	999.	12685.
52	5278.	7858.	0.	0.	7858.	2183.9	450.	8308.

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA- DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1973 1	4296.	8374.	0.	0.	8374.	2182.3	335.	8709.
2	3976.	7534.	0.	0.	7534.	2181.0	310.	7844.
3	5515.	7877.	0.	0.	7877.	2180.1	430.	8307.
4	4090.	8369.	0.	0.	8369.	2178.5	319.	8688.
5	2727.	8797.	0.	0.	8797.	2176.2	243.	9040.
6	2210.	9279.	0.	0.	9279.	2173.5	198.	9477.
7	1887.	9765.	0.	0.	9765.	2170.5	169.	9934.
8	1738.	10205.	0.	0.	10205.	2167.3	156.	10361.
9	1519.	10624.	0.	0.	10624.	2163.8	135.	10759.
10	1356.	11171.	0.	0.	11171.	2160.1	155.	11326.
11	1210.	11445.	0.	0.	11445.	2156.2	139.	11584.
12	1186.	11109.	0.	0.	11109.	2152.4	135.	11244.
13	1186.	10479.	0.	0.	10479.	2148.7	135.	10614.
14	1051.	10115.	0.	0.	10115.	2144.6	111.	10226.
15	1026.	10103.	0.	0.	10103.	2140.5	108.	10211.
16	1026.	10105.	0.	0.	10105.	2136.4	108.	10213.
17	1026.	10080.	0.	0.	10080.	2132.4	108.	10188.
18	1035.	10053.	0.	0.	10053.	2128.3	107.	10160.
19	1008.	10051.	0.	0.	10051.	2124.2	134.	10185.
20	1008.	10016.	0.	0.	10016.	2120.2	134.	10150.
21	1008.	9959.	0.	0.	9959.	2116.2	134.	10093.
22	929.	9835.	0.	0.	9835.	2112.2	121.	9956.
23	868.	9325.	0.	0.	9325.	2108.4	77.	9402.
24	868.	8972.	0.	0.	8972.	2104.7	77.	9049.
25	868.	8611.	0.	0.	8611.	2101.2	77.	8688.
26	863.	8386.	0.	0.	8386.	2097.4	77.	8463.
27	879.	8208.	0.	0.	8208.	2093.5	70.	8278.
28	879.	7925.	0.	0.	7925.	2089.8	70.	7995.
29	879.	7586.	0.	0.	7586.	2086.2	70.	7656.
30	929.	7119.	0.	0.	7119.	2082.9	74.	7193.
31	1227.	6587.	0.	0.	6587.	2080.1	102.	6689.
32	2355.	6310.	0.	0.	6310.	2078.0	197.	6507.
33	8066.	6533.	0.	0.	6533.	2078.8	671.	7204.
34	11109.	6211.	0.	0.	6211.	2081.4	926.	7137.
35	13811.	5939.	0.	0.	5939.	2085.6	1163.	7102.
36	17385.	5645.	0.	0.	5645.	2091.8	1863.	7508.
37	28985.	5336.	0.	0.	5336.	2103.7	3104.	8440.
38	31344.	5193.	0.	0.	5193.	2115.5	3356.	8549.
39	20593.	5141.	0.	0.	5141.	2122.5	2205.	7346.
40	18980.	4990.	0.	0.	4990.	2128.7	1405.	6395.
41	18143.	5016.	0.	0.	5016.	2134.6	1345.	6361.
42	13728.	5065.	0.	0.	5065.	2138.5	1016.	6081.
43	14810.	5155.	0.	0.	5155.	2142.9	1095.	6250.
44	15752.	5466.	0.	0.	5466.	2147.5	1278.	6744.
45	18754.	5586.	0.	0.	5586.	2152.9	1521.	7107.
46	14942.	5759.	0.	0.	5759.	2156.4	1213.	6972.
47	19441.	5988.	0.	0.	5988.	2161.5	1577.	7565.
48	20593.	6318.	0.	0.	6318.	2166.9	1667.	7985.
49	11210.	6620.	0.	0.	6620.	2168.7	864.	7484.
50	7823.	7052.	0.	0.	7052.	2169.0	602.	7654.
51	6605.	7288.	0.	0.	7288.	2168.7	510.	7798.
52	5366.	5882.	0.	0.	5882.	2168.5	413.	6295.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW WATANA-DEVIL CANYN	TOTAL FLOW DEVIL CANYON
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	4537.	5777.	0.	0.	5777.	2162.3	621.	6398.
2	4509.	6027.	0.	0.	6027.	2161.7	617.	6644.
3	2402.	6302.	0.	0.	6302.	2160.2	330.	6632.
4	1602.	6695.	0.	0.	6695.	2158.3	220.	6915.
5	1468.	7038.	0.	0.	7038.	2156.2	150.	7188.
6	1478.	7423.	0.	0.	7423.	2153.9	144.	7567.
7	1478.	7812.	0.	0.	7812.	2151.5	144.	7956.
8	1478.	8164.	0.	0.	8164.	2148.8	144.	8308.
9	1461.	8499.	0.	0.	8499.	2145.6	146.	8645.
10	1264.	8937.	0.	0.	8937.	2142.1	215.	9152.
11	1264.	9156.	0.	0.	9156.	2138.6	215.	9371.
12	1264.	8887.	0.	0.	8887.	2135.2	215.	9102.
13	1264.	8383.	0.	0.	8383.	2132.0	215.	8598.
14	1270.	8092.	0.	0.	8092.	2128.9	203.	8295.
15	1203.	8082.	0.	0.	8082.	2125.8	191.	8273.
16	1203.	8084.	0.	0.	8084.	2122.7	191.	8275.
17	1203.	8064.	0.	0.	8064.	2119.6	191.	8255.
18	1200.	8042.	0.	0.	8042.	2116.5	193.	8235.
19	1123.	8041.	0.	0.	8041.	2113.4	242.	8283.
20	1123.	8013.	0.	0.	8013.	2110.3	242.	8255.
21	1081.	7967.	0.	0.	7967.	2107.2	232.	8199.
22	1051.	7868.	0.	0.	7868.	2104.1	223.	8091.
23	1040.	7460.	0.	0.	7460.	2101.3	232.	7692.
24	1040.	7178.	0.	0.	7178.	2098.2	232.	7410.
25	1040.	6889.	0.	0.	6889.	2095.1	232.	7121.
26	1040.	6709.	0.	0.	6709.	2092.1	232.	6941.
27	1036.	6566.	0.	0.	6566.	2089.2	212.	6778.
28	1047.	6340.	0.	0.	6340.	2086.3	213.	6553.
29	1142.	6069.	0.	0.	6069.	2083.7	233.	6302.
30	1354.	5695.	0.	0.	5695.	2081.4	276.	5971.
31	2133.	5270.	0.	0.	5270.	2079.7	426.	5696.
32	5138.	5049.	0.	0.	5048.	2079.8	1046.	6094.
33	11291.	5226.	0.	0.	5226.	2083.0	2301.	7527.
34	17252.	4969.	0.	0.	4969.	2089.6	3518.	8487.
35	23081.	4751.	0.	0.	4751.	2099.3	4627.	9378.
36	30459.	4516.	0.	0.	4516.	2111.1	4003.	8519.
37	22880.	5336.	0.	0.	5336.	2119.0	3006.	8342.
38	28749.	5651.	0.	0.	5651.	2129.4	3778.	9429.
39	25700.	5662.	0.	0.	5662.	2138.4	3379.	9041.
40	23413.	5672.	0.	0.	5672.	2146.4	2742.	8414.
41	25455.	5503.	0.	0.	5503.	2154.5	2981.	8484.
42	24131.	5522.	0.	0.	5522.	2161.6	2826.	8348.
43	22076.	5624.	0.	0.	5624.	2167.8	2584.	8208.
44	20265.	5883.	0.	0.	5883.	2173.3	2524.	8407.
45	16199.	6112.	0.	0.	6112.	2177.1	2043.	8155.
46	15474.	6247.	0.	0.	6247.	2180.6	1952.	8199.
47	13658.	6447.	0.	0.	6447.	2183.4	1722.	8169.
48	11762.	7456.	0.	0.	7456.	2185.0	1490.	8946.
49	9359.	9268.	0.	91.	9359.	2185.0	1499.	10858.
50	15849.	9873.	0.	5976.	15849.	2185.0	2537.	18386.
51	14847.	10203.	0.	4644.	14847.	2185.0	2376.	17223.
52	12513.	10294.	0.	2219.	12513.	2185.0	2002.	14515.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1978 1	6782.	7912.	0.	0.	7912.	2184.6	1330.	9242.
2	6882.	8327.	0.	0.	8327.	2184.0	1347.	9674.
3	6046.	8825.	0.	0.	8825.	2183.0	1186.	10011.
4	4510.	9392.	0.	0.	9392.	2181.1	885.	10277.
5	3355.	8797.	0.	0.	8797.	2179.0	724.	9521.
6	2862.	9279.	0.	0.	9279.	2176.6	612.	9891.
7	2578.	9765.	0.	0.	9765.	2173.9	553.	10318.
8	2392.	11210.	0.	0.	11210.	2170.5	512.	11722.
9	2223.	11630.	0.	0.	11630.	2167.0	469.	12099.
10	2108.	12191.	0.	0.	12191.	2163.1	415.	12606.
11	2015.	12463.	0.	0.	12463.	2159.2	397.	12860.
12	1955.	12118.	0.	0.	12118.	2155.3	385.	12503.
13	1808.	11495.	0.	0.	11495.	2151.6	355.	11850.
14	1741.	11190.	0.	0.	11190.	2147.7	319.	11509.
15	1641.	11184.	0.	0.	11184.	2143.4	301.	11485.
16	1557.	11173.	0.	0.	11173.	2139.0	286.	11459.
17	1496.	11162.	0.	0.	11162.	2134.7	274.	11436.
18	1403.	11143.	0.	0.	11143.	2130.3	260.	11403.
19	1285.	11170.	0.	0.	11170.	2125.9	263.	11433.
20	1247.	11127.	0.	0.	11127.	2121.4	256.	11383.
21	1247.	11080.	0.	0.	11080.	2117.0	256.	11336.
22	1212.	10963.	0.	0.	10963.	2112.6	248.	11211.
23	1258.	10461.	0.	0.	10461.	2108.5	220.	10681.
24	1258.	10119.	0.	0.	10119.	2104.5	220.	10339.
25	1258.	9773.	0.	0.	9773.	2100.7	220.	9993.
26	1275.	9578.	0.	0.	9578.	2096.4	223.	9801.
27	1251.	9458.	0.	0.	9458.	2092.0	190.	9648.
28	1251.	9203.	0.	0.	9203.	2087.8	190.	9393.
29	1251.	8945.	0.	0.	8945.	2083.7	190.	9135.
30	1322.	8543.	0.	0.	8543.	2079.8	200.	8743.
31	3359.	7904.	0.	0.	7904.	2077.4	149.	8053.
32	11862.	7572.	0.	0.	7572.	2079.7	482.	8054.
33	16195.	7833.	0.	0.	7833.	2084.1	658.	8491.
34	10959.	7453.	0.	0.	7453.	2086.0	445.	7898.
35	11660.	7127.	0.	0.	7127.	2088.4	490.	7617.
36	13979.	6774.	0.	0.	6774.	2092.3	938.	7712.
37	19417.	6403.	0.	0.	6403.	2099.2	1303.	7706.
38	16614.	6232.	0.	0.	6232.	2104.0	1115.	7347.
39	20703.	5141.	0.	0.	5141.	2111.0	1389.	6530.
40	19608.	4990.	0.	0.	4990.	2117.6	1716.	6706.
41	18215.	5016.	0.	0.	5016.	2123.5	1595.	6611.
42	18416.	5065.	0.	0.	5065.	2129.5	1612.	6677.
43	18064.	5155.	0.	0.	5155.	2135.3	1582.	6737.
44	16600.	5466.	0.	0.	5466.	2140.3	2335.	7801.
45	15674.	5586.	0.	0.	5586.	2144.8	2243.	7829.
46	14572.	4607.	0.	0.	4607.	2149.3	2087.	6694.
47	12160.	4790.	0.	0.	4790.	2152.2	1741.	6531.
48	8756.	5054.	0.	0.	5054.	2153.6	1254.	6308.
49	9287.	5296.	0.	0.	5296.	2155.2	1229.	6525.
50	8372.	5642.	0.	0.	5642.	2156.2	1108.	6750.
51	6293.	5830.	0.	0.	5830.	2156.4	833.	6663.
52	4696.	5882.	0.	0.	5882.	2155.8	621.	6503.

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

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

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVENING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1982 1	5901.	8214.	0.	0.	8214.	2184.1	668.	8882.
2	5560.	8657.	0.	0.	8657.	2182.9	630.	9287.
3	5713.	9077.	0.	0.	9077.	2181.7	648.	9725.
4	6627.	8369.	0.	0.	8369.	2181.0	749.	9118.
5	3364.	8797.	0.	0.	8797.	2178.9	777.	9574.
6	2845.	9279.	0.	0.	9279.	2176.5	668.	9947.
7	2782.	9765.	0.	0.	9765.	2173.8	654.	10419.
8	2339.	11193.	0.	0.	11193.	2170.5	550.	11743.
9	2057.	11627.	0.	0.	11627.	2166.8	477.	12104.
10	1971.	12219.	0.	0.	12219.	2163.0	357.	12576.
11	1860.	12494.	0.	0.	12494.	2158.9	333.	12827.
12	1794.	12150.	0.	0.	12150.	2155.0	321.	12471.
13	1794.	11513.	0.	0.	11513.	2151.3	321.	11834.
14	1697.	11161.	0.	0.	11161.	2147.3	387.	11548.
15	1695.	11147.	0.	0.	11147.	2143.0	388.	11535.
16	1695.	11129.	0.	0.	11129.	2138.8	388.	11517.
17	1695.	11110.	0.	0.	11110.	2134.5	388.	11498.
18	1729.	11088.	0.	0.	11088.	2130.3	377.	11465.
19	1662.	11080.	0.	0.	11080.	2126.1	449.	11529.
20	1213.	11090.	0.	0.	11090.	2121.7	329.	11419.
21	881.	11088.	0.	0.	11088.	2117.1	238.	11326.
22	767.	10980.	0.	0.	10980.	2112.5	215.	11195.
23	826.	10485.	0.	0.	10485.	2108.1	175.	10660.
24	826.	10145.	0.	0.	10145.	2103.9	175.	10320.
25	874.	9795.	0.	0.	9795.	2099.9	186.	9981.
26	1123.	9577.	0.	0.	9577.	2095.4	240.	9817.
27	956.	9398.	0.	0.	9398.	2090.9	330.	9728.
28	956.	9144.	0.	0.	9144.	2086.6	330.	9474.
29	1057.	8870.	0.	0.	8870.	2082.4	363.	9233.
30	1403.	8543.	0.	0.	8543.	2078.6	483.	902[illegible]
31	2641.	7904.	0.	0.	7904.	2075.8	394.	8298.
32	6274.	7572.	0.	0.	7572.	2075.1	933.	8505.
33	11618.	7342.	0.	0.	7342.	2077.4	1727.	9069.
34	15603.	6932.	0.	0.	6932.	2082.0	2317.	9249.
35	17916.	6676.	0.	0.	6676.	2088.0	2627.	9304.
36	21638.	6384.	0.	0.	6384.	2096.1	3012.	9396.
37	18090.	6403.	0.	0.	6403.	2102.0	2519.	8922.
38	23883.	5960.	0.	0.	5960.	2110.0	3326.	9286.
39	23173.	5834.	0.	0.	5834.	2117.8	3229.	9063.
40	16689.	4990.	0.	0.	4990.	2123.1	2021.	7011.
41	20637.	5016.	0.	0.	5016.	2130.1	2499.	7515.
42	20979.	5065.	0.	0.	5065.	2137.3	2542.	7607.
43	23533.	5155.	0.	0.	5155.	2145.5	2853.	8008.
44	20306.	5466.	0.	0.	5466.	2151.9	1997.	7463.
45	13970.	5586.	0.	0.	5586.	2155.0	1416.	7002.
46	12157.	5759.	0.	0.	5759.	2157.5	1231.	6990.
47	10610.	5988.	0.	0.	5988.	2159.2	1074.	7062.
48	11835.	6318.	0.	0.	6318.	2161.3	1200.	7518.
49	10670.	5296.	0.	0.	5296.	2163.4	1878.	7174.
50	13360.	5642.	0.	0.	5642.	2166.3	2353.	7995.
51	21010.	5830.	0.	0.	5830.	2172.1	3702.	9532.
52	11582.	5882.	0.	0.	5882.	2174.5	2038.	7920.

TABLE 29 (Continued)

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

WATER YEAR/ WEEK	WATANA INFLOW	WATANA OUTFLOW				END OF WEEK	INTERVEN- ING FLOW	TOTAL FLOW
		TURBINE DISCHARGE	CONS. VALVE ENVIRON. RELEASE	EXCESS RELEASE	TOTAL OUTFLOW	RESERVOIR ELEVATION	WATANA-DEVIL CANYN	DEVIL CANYON
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1983 1	7782.	5777.	0.	0.	5777.	2175.3	1709.	7486.
2	6119.	6027.	0.	0.	6027.	2175.3	1345.	7372.
3	4982.	6302.	0.	0.	6302.	2174.8	1095.	7397.
4	2921.	6695.	0.	0.	6695.	2173.4	641.	7336.
5	2384.	7038.	0.	0.	7038.	2171.6	376.	7414.
6	2254.	7423.	0.	0.	7423.	2169.7	338.	7761.
7	2137.	7812.	0.	0.	7812.	2167.5	321.	8133.
8	1997.	10205.	0.	0.	10205.	2164.4	300.	10505.
9	1944.	10624.	0.	0.	10624.	2161.1	291.	10915.
10	1850.	11171.	0.	0.	11171.	2157.6	292.	11463.
11	1850.	11445.	0.	0.	11445.	2153.9	292.	11737.
12	1850.	11109.	0.	0.	11109.	2150.4	292.	11401.
13	1965.	10479.	0.	0.	10479.	2146.6	309.	10788.
14	2201.	10115.	0.	0.	10115.	2143.1	368.	10483.
15	1906.	10103.	0.	0.	10103.	2139.4	319.	10422.
16	1690.	10105.	0.	0.	10105.	2135.6	284.	10389.
17	1588.	10080.	0.	0.	10080.	2131.8	266.	10346.
18	1553.	10053.	0.	0.	10053.	2128.0	260.	10313.
19	1535.	10051.	0.	0.	10051.	2124.1	234.	10285.
20	1650.	10016.	0.	0.	10016.	2120.4	252.	10268.
21	1685.	9959.	0.	0.	9959.	2116.7	257.	10216.
22	1583.	9835.	0.	0.	9835.	2112.9	238.	10073.
23	1534.	9325.	0.	0.	9325.	2109.4	176.	9501.
24	1437.	8972.	0.	0.	8972.	2106.1	165.	9137.
25	1389.	8611.	0.	0.	8611.	2102.8	159.	8770.
26	1280.	8386.	0.	0.	8386.	2099.5	147.	8533.
27	1185.	8208.	0.	0.	8208.	2095.8	156.	8364.
28	1208.	7925.	0.	0.	7925.	2092.2	158.	8083.
29	1411.	7586.	0.	0.	7586.	2088.9	185.	7771.
30	1907.	7119.	0.	0.	7119.	2086.2	251.	7370.
31	3484.	6587.	0.	0.	6587.	2084.5	612.	7199.
32	8419.	6310.	0.	0.	6310.	2085.6	1528.	7838.
33	14537.	6533.	0.	0.	6533.	2089.9	2639.	9172.
34	12909.	6211.	0.	0.	6211.	2093.5	2344.	8555.
35	18671.	5939.	0.	0.	5939.	2100.2	3325.	9264.
36	23758.	5645.	0.	0.	5645.	2108.3	2687.	8332.
37	17019.	6403.	0.	0.	6403.	2113.1	1923.	8326.
38	20754.	6232.	0.	0.	6232.	2119.6	2348.	8580.
39	20568.	6169.	0.	0.	6169.	2126.1	2326.	8495.
40	22463.	5988.	0.	0.	5988.	2133.5	1769.	7757.
41	19352.	6019.	0.	0.	6019.	2139.5	1523.	7542.
42	16152.	5809.	0.	0.	5809.	2144.2	1271.	7080.
43	17431.	5870.	0.	0.	5870.	2149.4	1370.	7240.
44	17935.	6478.	0.	0.	6478.	2153.8	2009.	8487.
45	22829.	6582.	0.	0.	6582.	2160.0	2559.	9141.
46	21149.	6432.	0.	0.	6432.	2165.6	2371.	8803.
47	18683.	6340.	0.	0.	6340.	2170.3	2095.	8435.
48	22728.	6297.	0.	0.	6297.	2176.5	2556.	8853.
49	15528.	6642.	0.	0.	6642.	2179.9	2163.	8805.
50	9607.	7170.	0.	0.	7170.	2180.8	1339.	8509.
51	8465.	7402.	0.	0.	7402.	2181.2	1179.	8581.
52	9728.	7460.	0.	0.	7460.	2182.2	1357.	8817.

TABLE 30

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW			TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE				
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1953 1	8911.	8911.	0.	0.	8911.	1455.0	894.	9805.
2	9109.	9109.	0.	0.	9109.	1455.0	833.	9942.
3	8974.	8974.	0.	0.	8974.	1455.0	580.	9554.
4	9168.	9168.	0.	0.	9168.	1455.0	423.	9591.
5	9489.	9469.	0.	0.	9489.	1455.0	360.	9849.
6	9860.	9860.	0.	0.	9860.	1455.0	299.	10159.
7	10138.	10138.	0.	0.	10138.	1455.0	192.	10330.
8	10662.	10662.	0.	0.	10662.	1455.0	234.	10896.
9	10952.	10952.	0.	0.	10952.	1455.0	188.	11140.
10	11439.	11439.	0.	0.	11439.	1455.0	182.	11621.
11	11713.	11713.	0.	0.	11713.	1455.0	182.	11895.
12	11377.	11377.	0.	0.	11377.	1455.0	182.	11559.
13	10747.	10747.	0.	0.	10747.	1455.0	182.	10929.
14	10311.	10311.	0.	0.	10311.	1455.0	110.	10421.
15	10284.	10284.	0.	0.	10284.	1455.0	99.	10383.
16	10286.	10286.	0	0.	10286.	1455.0	99.	10385.
17	10261.	10261.	0.	0.	10261.	1455.0	99.	10360.
18	10213.	10213.	0.	0.	10213.	1455.0	98.	10311.
19	10181.	10181.	0.	0.	10181.	1455.0	92.	10273.
20	10146.	10146.	0.	0.	10146.	1455.0	92.	10238.
21	10089.	10089.	0.	0.	10089.	1455.0	92.	10181.
22	9966.	9966.	0.	0.	9966.	1455.0	83.	10049.
23	9417.	9417.	0.	0.	9417.	1455.0	50.	9467.
24	9064.	9064.	0.	0.	9064.	1455.0	50.	9114.
25	8703.	8703.	0.	0.	8703.	1455.0	50.	8753.
26	8478.	8478.	0.	0.	8478.	1455.0	50.	8528.
27	8237.	8237.	0.	0.	8237.	1455.0	415.	8652.
28	7954.	7954.	0.	0.	7954.	1455.0	415.	8369.
29	7634.	7634.	0.	0.	7634.	1455.0	671.	8305.
30	7195.	7195.	0.	0.	7195.	1455.0	1116.	8311.
31	8262.	8262.	0.	0.	8262.	1455.0	2447.	10709.
32	8795.	8795.	0.	0.	8795.	1455.0	663.	9458.
33	8794.	8794.	0.	0.	8794.	1455.0	604.	9398.
34	9974.	9974.	0.	0.	9974.	1455.0	1040.	11014.
35	9002.	9002.	0.	0.	9002.	1455.0	1028.	10030.
36	10267.	10267.	0.	0.	10267.	1455.0	2431.	12698.
37	9551.	9551.	0.	0.	9551.	1455.0	1877.	11428.
38	9057.	9057.	0.	0.	9057.	1455.0	1528.	10585.
39	9170.	9170.	0.	0.	9170.	1455.0	1789.	10959.
40	7725.	7885.	0.	0.	7885.	1454.7	1115.	9000.
41	7586.	7991.	0.	0.	7991.	1454.1	1009.	9000.
42	7728.	7904.	0.	0.	7904.	1453.8	1096.	9000.
43	7823.	7861.	0.	0.	7861.	1453.8	1139.	9000.
44	9134.	8355.	0.	0.	8355.	1455.0	1638.	9993.
45	8586.	8586.	0.	0.	8586.	1455.0	1282.	9868.
46	8389.	8389.	0.	0.	8389.	1455.0	1027.	9416.
47	8521.	8521.	0.	0.	8521.	1455.0	1057.	9578.
48	8931.	8931.	0.	0.	8931.	1455.0	1309.	10240.
49	9276.	9276.	0.	0.	9276.	1455.0	1737.	11013.
50	9283.	9283.	0.	0.	9283.	1455.0	1583.	10866.
51	9191.	9191.	0.	0.	9191.	1455.0	1320.	10511.
52	9033.	9033.	0.	0.	9033.	1455.0	1006.	10039.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1955 1	6984.	6984.	0.	0.	6984.	1455.0	547.	7531.
2	7159.	7159.	0.	0.	7159.	1455.0	516.	7675.
3	7154.	7154.	0.	0.	7154.	1455.0	389.	7543.
4	7547.	7547.	0.	0.	7547.	1455.0	389.	7936.
5	7638.	7638.	0.	0.	7638.	1455.0	370.	8008.
6	7904.	7904.	0.	0.	7904.	1455.0	363.	8267.
7	8267.	8267.	0.	0.	8267.	1455.0	342.	8609.
8	8565.	8565.	0.	0.	8565.	1455.0	303.	8868.
9	8883.	8883.	0.	0.	8883.	1455.0	274.	9157.
10	9275.	9275.	0.	0.	9275.	1455.0	205.	9480.
11	9488.	9488.	0.	0.	9488.	1455.0	201.	9689.
12	9179.	9179.	0.	0.	9179.	1455.0	177.	9356.
13	8675.	8675.	0.	0.	8675.	1455.0	177.	8852.
14	10407.	10407.	0.	0.	10407.	1455.0	148.	10555.
15	10397.	10397.	0.	0.	10397.	1455.0	145.	10542.
16	10356.	10356.	0.	0.	10356.	1455.0	125.	10481.
17	10314.	10314.	0.	0.	10314.	1455.0	117.	10431.
18	10275.	10275.	0.	0.	10275.	1455.0	113.	10388.
19	10279.	10279.	0.	0.	10279.	1455.0	120.	10399.
20	10244.	10244.	0.	0.	10244.	1455.0	120.	10364.
21	10187.	10187.	0.	0.	10187.	1455.0	120.	10307.
22	10039.	10039.	0.	0.	10039.	1455.0	118.	10157.
23	9456.	9456.	0.	0.	9456.	1455.0	90.	9546.
24	9103.	9103.	0.	0.	9103.	1455.0	90.	9193.
25	8742.	8742.	0.	0.	8742.	1455.0	90.	8832.
26	8517.	8517.	0.	0.	8517.	1455.0	90.	8607.
27	8342.	8342.	0.	0.	8342.	1455.0	238.	8580.
28	8059.	8059.	0.	0.	8059.	1455.0	238.	8297.
29	7720.	7720.	0.	0.	7720.	1455.0	238.	7958.
30	7253.	7253.	0.	0.	7253.	1455.0	238.	7491.
31	7205.	7205.	0.	0.	7205.	1455.0	420.	7625.
32	7139.	7139.	0.	0.	7139.	1455.0	350.	7489.
33	7500.	7500.	0.	0.	7500.	1455.0	408.	7908.
34	9105.	9105.	0.	0.	9105.	1455.0	1223.	10328.
35	9122	9122.	0.	0.	9122.	1455.0	1475.	10597.
36	7761.	7794.	0.	0.	7794.	1454.9	1206.	9000.
37	8784.	8751.	0.	0.	8751.	1455.0	1968.	10719.
38	8934.	89	0.	0.	8934.	1455.0	2135.	11069.
39	8646.	8646.	0.	0.	8646.	1455.0	1998.	10644.
40	8124.	8124.	0.	0.	8124.	1455.0	1392.	9516.
41	8358.	8358.	0.	0.	8358.	1455.0	1163.	9521.
42	7874.	8102.	0.	0.	8102.	1454.6	898.	900.
43	8284.	8056.	0.	0.	8056.	1455.0	1075.	9131.
44	7231.	8489.	0.	0.	8489.	1453.0	511.	9000.
45	7097.	8533.	0.	0.	8533.	1450.7	467.	9000.
46	7326.	8522.	0.	0.	8522.	1448.5	478.	9000.
47	7845.	8417.	0.	0.	8417.	1447.3	583.	9000.
48	11311.	6864.	1085.	0.	7948.	1453.3	1052.	9000.
49	18609.	5653.	0.	11857.	17510.	1455.0	1062.	18572.
50	14219.	5254.	0.	8965.	14219.	1455.0	810.	15029.
51	11555.	5199.	0.	6356.	11555.	1455.0	659.	12214.
52	9100.	7221.	0.	1879.	9100.	1455.0	519.	9619.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1957 1	9226.	9226.	0.	0.	9226.	1455.0	623.	9849.
2	9653.	9653.	0.	0.	9653.	1455.0	623.	10276.
3	9854.	9854.	0.	0.	9854.	1455.0	424.	10278.
4	9179.	9179.	0.	0.	9179.	1455.0	390.	9569.
5	9407.	9407.	0.	0.	9407.	1455.0	358.	9765.
6	9792.	9792.	0.	0.	9792.	1455.0	345.	10137.
7	10258.	10258.	0.	0.	10258.	1455.0	331.	10589.
8	10669.	10669.	0.	0.	10669.	1455.0	313.	10982.
9	11060.	11060.	0.	0.	11060.	1455.0	286.	11346.
10	11476.	11476.	0.	0.	11476.	1455.0	187.	11663.
11	11740.	11740.	0.	0.	11740.	1455.0	182.	11922.
12	11351.	11351.	0.	0.	11351.	1455.0	149.	11500.
13	10721.	10721.	0.	0.	10721.	1455.0	149.	10870.
14	11464.	11464.	0.	0.	11464.	1455.0	115.	11579.
15	11451.	11451.	0.	0.	11451.	1455.0	112.	11563.
16	11435.	11435.	0.	0.	11435.	1455.0	112.	11547.
17	11419.	11419.	0.	0.	11419.	1455.0	112.	11531.
18	11388.	11388.	0.	0.	11388.	1455.0	105.	11493.
19	11420.	11420.	0.	0.	11420.	1455.0	104.	11524.
20	11374.	11374.	0.	0.	11374.	1455.0	104.	11478.
21	11328.	11328.	0.	0.	11328.	1455.0	104.	11432.
22	11198.	11198.	0.	0.	11198.	1455.0	108.	11306.
23	10675.	10675.	0.	0.	10675.	1455.0	112.	10787.
24	10333.	10333.	0.	0.	10333.	1455.0	112.	10445.
25	9989.	9989.	0.	0.	9989.	1455.0	112.	10101.
26	9800.	9800.	0.	0.	9800.	1455.0	112.	9912.
27	9650.	9650.	0.	0.	9650.	1455.0	226.	9876.
28	9397.	9397.	0.	0.	9397.	1455.0	226.	9623.
29	9139.	9139.	0.	0.	9139.	1455.0	226.	9365.
30	8680.	8680.	0.	0.	8680.	1455.0	226.	8906.
31	8450.	8450.	0.	0.	8450.	1455.0	416.	8866.
32	8543.	8543.	0.	0.	8543.	1455.0	517.	9060.
33	8121.	8121.	0.	0.	8121.	1455.0	843.	8964.
34	9770.	9770.	0.	0.	9770.	1455.0	1887.	11657.
35	10601.	10601.	0.	0.	10601.	1455.0	2728.	13329.
36	9387.	9387.	0.	0.	9387.	1455.0	1954.	11341.
37	8642.	8642.	0.	0.	8642.	1455.0	1727.	10369.
38	8126.	8126.	0.	0.	8126.	1455.0	1532.	9658.
39	7150.	7952.	0.	0.	7952.	1453.7	1048.	9000.
40	7121.	7781.	0.	0.	7781.	1452.7	1219.	9000.
41	7976.	7880.	0.	0.	7880.	1452.8	1120.	9000.
42	8273.	7744.	0.	0.	7744.	1453.7	1256.	9000.
43	8568.	7731.	0.	0.	7731.	1455.0	1362.	9093.
44	8263.	8263.	0.	0.	8263.	1455.0	1187.	9450.
45	8271.	8271.	0.	0.	8271.	1455.0	1172.	9443.
46	8357.	8357.	0.	0.	8357.	1455.0	1166.	9523.
47	8355.	8355.	0.	0.	8355.	1455.0	1069.	9424.
48	8654.	8654.	0.	0.	8654.	1455.0	1190.	9844.
49	9338.	9338.	0.	0.	9338.	1455.0	1677.	11015.
50	96.3.	9643.	0.	0.	9643.	1455.0	1830.	11473.
51	9740.	9740.	0.	0.	9740.	1455.0	1779.	11519.
52	9795.	9795.	0.	0.	9795.	1455.0	1708.	11503.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1960 1	10007.	8499.	0.	1508.	10007.	1455.0	707.	10714.
2	9493.	9493.	0.	0.	9493.	1455.0	487.	9980.
3	9673.	9673.	0.	0.	9673.	1455.0	268.	9941.
4	9069.	9069.	0.	0.	9069.	1455.0	335.	9404.
5	9297.	9297.	0.	0.	9297.	1455.0	294.	9591.
6	9703.	9703.	0.	0.	9703.	1455.0	284.	9987.
7	10170.	10170.	0.	0.	10170.	1455.0	272.	10442.
8	10585.	10585.	0.	0.	10585.	1455.0	256.	10841.
9	12052.	12052.	0.	0.	12052.	1455.0	235.	12287.
10	12578.	12578.	0.	0.	12578.	1455.0	205.	12783.
11	12844.	12844.	0.	0.	12844.	1455.0	205.	13049.
12	12495.	12495.	0.	0.	12495.	1455.0	205.	12700.
13	11857.	11857.	0.	0.	11857.	1455.0	205.	12062.
14	11525.	11525.	0.	0.	11525.	1455.0	172.	11697.
15	11514.	11514.	0.	0.	11514.	1455.0	165.	11679.
16	11479.	11479.	0.	0.	11479.	1455.0	149.	11628.
17	11456.	11456.	0.	0.	11456.	1455.0	141.	11597.
18	11423.	11423.	0.	0.	11423.	1455.0	140.	11563.
19	11429.	11429.	0.	0.	11429.	1455.0	122.	11551.
20	11382.	11382.	0.	0.	11382.	1455.0	120.	11502.
21	11330.	11330.	0.	0.	11330.	1455.0	114.	11444.
22	11209.	11209.	0.	0.	11209.	1455.0	110.	11319.
23	10682.	10682.	0.	0.	10682.	1455.0	95.	10777.
24	10336.	10336.	0.	0.	10336.	1455.0	91.	10427.
25	9983.	9983.	0.	0.	9983.	1455.0	81.	10064.
26	9794.	9794.	0.	0.	9794.	1455.0	81.	9875.
27	9639.	9639.	0.	0.	9639.	1455.0	310.	9949.
28	9387.	9387.	0.	0.	9387.	1455.0	310.	9697.
29	9144.	9144.	0.	0.	9144.	1455.0	408.	9552.
30	8675.	8675.	0.	0.	8675.	1455.0	423.	9098.
31	8546.	8546.	0.	0.	8546.	1455.0	512.	9058.
32	7208.	7208.	0.	0.	7208.	1455.0	34.	7242.
33	8264.	8264.	0.	0.	8264.	1455.0	69.	8333.
34	8906.	8906.	0.	0.	8906.	1455.0	107.	9013.
35	8747.	8747.	0.	0.	8747.	1455.0	76[illegible].	9509.
36	6935.	7771.	0.	0.	7771.	1453.7	1229.	9000.
37	6671.	7724.	0.	0.	7724.	1452.0	1276.	9000.
38	6576.	7679.	0.	0.	7679.	1450.2	1321.	9000.
39	6661.	7548.	0.	0.	7548.	1448.5	1452.	9000.
40	7210.	8227.	0.	0.	8227.	1446.4	773.	9000.
41	6662.	8426.	0.	0.	8426.	1442.8	574.	9000.
42	5947.	8341.	0.	0.	8341.	1438.0	659.	9000.
43	6723.	8097.	0.	0.	8097.	1435.2	903.	9000.
44	7940.	7011.	0.	0.	7011.	1437.0	1989.	9000.
45	7406.	6975.	0.	0.	6975.	1437.9	2025.	9000.
46	7202.	7210.	0.	0.	7210.	1437.9	1790.	9000.
47	7297.	7270.	0.	0.	7270.	1438.0	1730.	9000.
48	7469.	7369.	0.	0.	7369.	1438.2	1631.	9000.
49	7838.	6509.	0.	0.	6509.	1440.9	1491.	8000.
50	9658.	4643.	0.	0.	4643.	1450.9	2357.	7000.
51	8678.	6074.	0.	0.	6074.	1455.0	1670.	7744.
52	8014.	8014.	0.	0.	8014.	1455.0	1250.	9264.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW (CFS)	DEVIL CANYON OUTFLOW TURBINE DISCHARGE (CFS)	CONE VALVE ENVIRON. RELEASE (CFS)	CONE VALVE EXCESS RELEASE (CFS)	TOTAL OUTFLOW (CFS)	END OF WEEK RESERVOIR ELEVATION (FT)	INTERVENING FLOW DEVIL CNYN-GOLD CREEK (CFS)	TOTAL FLOW GOLD CREEK (CFS)
1961 1	7590.	7590.	0.	0.	7590.	1455.0	938.	8528.
2	7343.	7343.	0.	0.	7343.	1455.0	682.	8025.
3	8813.	8813.	0.	0.	8813.	1455.0	485.	9298.
4	9051.	9051.	0.	0.	9051.	1455.0	354.	9405.
5	9313.	9313.	0.	0.	9313.	1455.0	317.	9630.
6	9744.	9744.	0.	0.	9744.	1455.0	319.	10063.
7	10195.	10195.	0.	0.	10195.	1455.0	294.	10489.
8	10586.	10586.	0.	0.	10586.	1455.0	261.	10847.
9	11014.	11014.	0.	0.	11014.	1455.0	249.	11263.
10	11679.	11679.	0.	0.	11679.	1455.0	266.	11945.
11	11943.	11943.	0.	0.	11943.	1455.0	260.	12203.
12	11547.	11547.	0.	0.	11547.	1455.0	229.	11776.
13	11903.	11903.	0.	0.	11903.	1455.0	229.	12132.
14	11581.	11581.	0.	0.	11581.	1455.0	203.	11784.
15	11566.	11566.	0.	0.	11566.	1455.0	197.	11763.
16	11554.	11554.	0.	0.	11554.	1455.0	203.	11757.
17	11538.	11538.	0.	0.	11538.	1455.0	206.	11744.
18	11478.	11478.	0.	0.	11478.	1455.0	212.	11690.
19	11453.	11453.	0.	0.	11453.	1455.0	195.	11649.
20	11403.	11403.	0.	0.	11403.	1455.0	193.	11596.
21	11351.	11351.	0.	0.	11351.	1455.0	184.	11535.
22	11228.	11228.	0.	0.	11228.	1455.0	168.	11396.
23	10707.	10707.	0.	0.	10707.	1455.0	148.	10855.
24	10379.	10379.	0.	0.	10379.	1455.0	166.	10545.
25	10069.	10069.	0.	0.	10069.	1455.0	209.	10278.
26	9875.	9875.	0.	0.	9875.	1455.0	209.	10084.
27	9749.	9749.	0.	0.	9749.	1455.0	504.	10253.
28	9492.	9492.	0.	0.	9492.	1455.0	504.	9996.
29	9250.	9250.	0.	0.	9250.	1455.0	556.	9806.
30	8967.	8967.	0.	0.	8967.	1455.0	565.	9532.
31	8901.	8901.	0.	0.	8901.	1455.0	648.	9549.
32	9178.	9178.	0.	0.	9178.	1455.0	613.	9791.
33	9723.	9723.	0.	0.	9723.	1455.0	1060.	10783.
34	9517.	9517.	0.	0.	9517.	1455.0	1010.	10527.
35	9353.	9353.	0.	0.	9353.	1455.0	1186.	10539.
36	9220.	9220.	0.	0.	9220.	1455.0	1646.	10866.
37	9989.	9989.	0.	0.	9989.	1455.0	2688.	12677.
38	10430.	10430.	0.	0.	10430.	1455.0	3357.	13787.
39	9786.	9786.	0.	0.	9786.	1455.0	2821.	12607.
40	8578.	8578.	0.	0.	8578.	1455.0	1701.	10279.
41	8603.	8603.	0.	0.	8603.	1455.0	1786.	10389.
42	8608.	8608.	0.	0.	8608.	1455.0	1850.	10458.
43	8662.	8662.	0.	0.	8662.	1455.0	1916.	10578.
44	8186.	8186.	- 0.	0.	8186.	1455.0	1051.	9237.
45	8170.	8170.	0.	0.	8170.	1455.0	939.	9109.
46	8014.	8199.	0.	0.	8199.	1454.7	801.	9000.
47	8057.	8239.	0.	0.	8239.	1454.4	761.	9000.
48	7859.	8396.	0.	0.	8396.	1453.6	604.	9000.
49	9099.	8194.	0.	0.	8194.	1455.0	1167.	9361.
50	8986.	8986.	0.	0.	8986.	1455.0	1322.	10308.
51	9084.	9084.	0.	0.	9084.	1455.0	1260.	10344.
52	9228.	9228.	0.	0.	9228.	1455.0	1269.	10497.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 9 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1975 1	6398.	5655.	0.	0.	5655.	1450.6	345.	6000.
2	6644.	5657.	0.	0.	5657.	1452.2	343.	6000.
3	6632.	4856.	0.	0.	4856.	1455.0	182.	5038.
4	6915.	6915.	0.	0.	6915.	1455.0	121.	7036.
5	7188.	7188.	0.	0.	7188.	1455.0	82.	7270.
6	7567.	7567.	0.	0.	7567.	1455.0	78.	7645.
7	7956.	7956.	0.	0.	7956.	1455.0	78.	8034.
8	8308.	8308.	0	0.	8308.	1455.0	78.	8386.
9	8645.	8645.	0.	0.	8645.	1455.0	79.	8724.
10	9152.	9152.	0.	0.	9152.	1455.0	121.	9273.
11	9371.	9371.	0.	0.	9371.	1455.0	121.	9492.
12	9102.	9102.	0.	0.	9102.	1455.0	121.	9223.
13	8598.	8598.	0.	0.	8598.	1455.0	121.	8719.
14	8295.	8295.	0.	0.	8295.	1455.0	113.	8408.
15	8273.	8273.	0.	0.	8273.	1455.0	106.	8379.
16	8275.	8275.	0.	0.	8275.	1455.0	106.	8381.
17	8255.	8255.	0.	0.	8255.	1455.0	106.	8361.
18	8235.	8235.	0.	0.	8235.	1455.0	107.	8342.
19	8283.	8283.	0.	0.	8283.	1455.0	135.	8418.
20	8255.	8255.	0.	0.	8255.	1455.0	135.	8390.
21	8199.	8199.	0.	0.	8199.	1455.0	130.	8329.
22	8091.	8091.	0.	0.	8091.	1455.0	126.	8217.
23	7692.	7692.	0.	0.	7692.	1455.0	128.	7820.
24	7410.	7410.	0.	0.	7410.	1455.0	128.	7538.
25	7121.	7121.	0.	0.	7121.	1455.0	128.	7249.
26	6941.	6941.	0.	0.	6941.	1455.0	128.	7069.
27	6778.	6778.	0.	0.	6778.	1455.0	152.	6930.
28	6553.	6553.	0.	0.	6553.	1455.0	154.	6707.
29	630..	6302.	0.	0.	6302.	1455.0	168.	6470.
30	5971.	5971.	0.	0.	5971.	1455.0	199.	6170.
31	5696.	5696.	0.	0.	5696.	1455.0	284.	5980.
32	6094.	6094.	0.	0.	6094.	1455.0	673.	6767.
33	7527.	7527.	0.	0.	7527.	1455.0	1479.	9006.
34	8487.	8487.	0.	0.	8487.	1455.0	2259.	10746.
35	9378.	9378.	0.	0.	9378.	1455.0	2792.	12170.
36	8519.	8519.	0.	0.	8519.	1455.0	1938.	10457.
37	8342.	8342.	0.	0.	8342.	1455.0	1457.	9799.
38	9429.	9429.	0.	0.	9429.	1455.0	1830.	11259.
39	9041.	9041.	0.	0.	9041.	1455.0	1635.	10676.
40	8414.	8414.	0.	0.	8414.	1455.0	1345.	9759.
41	8484.	8484.	0.	0.	8484.	1455.0	1464.	9948.
42	8348.	8348.	0.	0.	8348.	1455.0	1386.	9734.
43	8208.	8208.	0.	0.	8208.	1455.0	1269.	9477.
44	8407.	8407.	0.	0.	8407.	1455.0	1411.	9818.
45	8155.	8155.	0.	0.	8155.	1455.0	1244.	9399.
46	8199.	8199.	0.	0.	8199.	1455.0	1188.	9387.
47	8169.	8169.	0.	0.	8169.	1455.0	1049.	9218.
48	8946.	7360.	0.	1586.	8946.	1455.0	905.	9851.
49	10858.	5597.	0.	5261.	10858.	1455.0	885.	11743.
50	18386.	5272.	0.	13114.	18386.	1455.0	1500.	19886.
51	17223.	5227.	0.	11996.	17223.	1455.0	1406.	18629.
52	14515.	5414.	0.	9101.	14515.	1455.0	1185.	15700.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW				END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
		TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW			
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1976 1	9491.	9491.	0.	0.	9491.	1455.0	940.	10431.
2	9799.	9799.	0.	0.	9799.	1455.0	828.	10627.
3	10155.	10155.	0.	0.	10155.	1455.0	764.	10919.
4	10260.	10260.	0.	0.	10260.	1455.0	451.	10711.
5	9236.	9236.	0.	0.	9236.	1455.0	270.	9506.
6	9583.	9583.	0.	0.	9583.	1455.0	216.	9799.
7	9997.	9997.	0.	0.	9997.	1455.0	164.	10161.
8	10388.	10388.	0.	0.	10388.	1455.0	130.	10518.
9	11941.	11941.	0.	0.	11941.	1455.0	104.	12045.
10	12472.	12472.	0.	0.	12472.	1455.0	80.	12552.
11	12738.	12738.	0.	0.	12738.	1455.0	77.	12815.
12	12389.	12389.	0.	0.	12389.	1455.0	74.	12463.
13	11752.	11752.	0.	0.	11752.	1455.0	70.	11822.
14	11450.	11450.	0.	0.	11450.	1455.0	80.	11530.
15	11447.	11447.	0.	0.	11447.	1455.0	79.	11526.
16	11431.	11431.	0.	0.	11431.	1455.0	76.	11507.
17	11417.	11417.	0.	0.	11417.	1455.0	75.	11492.
18	11395.	11395.	0.	0.	11395.	1455.0	74.	11469.
19	10185.	10185.	0.	0.	10185.	1455.0	70.	10255.
20	10150.	10150.	0.	0.	10150.	1455.0	70.	10220.
21	10093.	10093.	0.	0.	10093.	1455.0	70.	10163.
22	9965.	9965.	0.	0.	9965.	1455.0	73.	10038.
23	9460.	9460.	0.	0.	9460.	1455.0	78.	9538.
24	9107.	9107.	0.	0.	9107.	1455.0	78.	9185.
25	8746.	8746.	0.	0.	8746.	1455.0	78.	8824.
26	8521.	8521.	0.	0.	8521.	1455.0	78.	8599.
27	8320.	8320.	0.	0.	8320.	1455.0	144.	8464.
28	8042.	8042.	0.	0.	8042.	1455.0	151.	8193.
29	7730.	7730.	0.	0.	7730.	1455.0	188.	7918.
30	7360.	7360.	0.	0.	7360.	1455.0	314.	7674.
31	7458.	7458.	0.	0.	7458.	1455.0	646.	8104.
32	8906.	8906.	0.	0.	8906.	1455.0	1569.	10475.
33	9028.	9028.	0.	0.	9028.	1455.0	1508.	10536.
34	8819.	8819.	0.	0.	8819.	1455.0	1578.	10397.
35	8960.	8960.	0.	0.	8960.	1455.0	1733.	10693.
36	8790.	8790.	0.	0.	8790.	1455.0	1455.	10245.
37	8723.	8723.	0.	0.	8723.	1455.0	1569.	10292.
38	7577.	7895.	0.	0.	7895.	1454.5	1105.	9000.
39	7447.	7934.	0.	0.	7934.	1453.7	1066.	9000.
40	6275.	7947.	0.	0.	7947.	1451.1	1053.	9000.
41	6297.	7949.	0.	0.	7949.	1448.0	1051.	9000.
42	6286.	7999.	0.	0.	7999.	1444.5	1001.	9000.
43	6410.	7974.	0.	0.	7974.	1441.3	1026.	9000.
44	6490.	8536.	0.	0.	8536.	1437.1	464.	9000.
45	6869.	8886.	0.	0.	8886.	1433.0	114.	9000.
46	6711.	8915.	0.	0.	8915.	1428.5	85.	9000.
47	6720.	8936.	0.	0.	8936.	1424.0	64.	9000.
48	6843.	8896.	0.	0.	8898.	1419.9	104.	9000.
49	6158.	7435.	0.	0.	7435.	1417.3	565.	8000.
50	6349.	6537.	0.	0.	6537.	1416.9	463.	7000.
51	6542.	5535.	0.	0.	5535.	1418.9	465.	6000.
52	6637.	5504.	0.	0.	5504.	1421.6	496.	6000.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE ENVIRON. RELEASE	VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1979 1	6587.	6268.	0.	0.	6268.	1455.0	411.	6679.
2	6933.	6933.	0.	0.	6933.	1455.0	462.	7395.
3	7034.	7034.	0.	0.	7034.	1455.0	373.	7407.
4	7244.	7244.	0.	0.	7244.	1455.0	281.	7525.
5	7569.	7569.	0.	0.	7569.	1455.0	310.	7879.
6	7885.	7885.	0.	0.	7885.	1455.0	296.	8181.
7	8159.	8159.	0.	0.	8159.	1455.0	222.	8381.
8	8468.	8468.	0.	0.	8468.	1455.0	195.	8663.
9	8789.	8789.	0.	0.	8789.	1455.0	179.	8968.
10	9202.	9202.	0.	0.	9202.	1455.0	152.	9354.
11	9398.	9398.	0.	0.	9398.	1455.0	138.	9536.
12	9106.	9106.	0.	0.	9106.	1455.0	124.	9230.
13	859· .	8594.	0.	0.	8594.	1455.0	119.	8713.
14	826E	8266.	0.	0.	8266.	1455.0	98.	8364.
15	825U.	8250.	0.	0.	8250.	1455.0	94.	8344.
16	8252.	8252.	0.	0.	8252.	1455.0	94.	8346.
17	8232.	8232.	0.	0.	8232.	1455.0	94.	8326.
18	8196.	8196.	0.	0.	8196.	1455.0	87.	8283.
19	8192.	8192.	0.	0.	8192.	1455.0	82.	8274.
20	8164.	8164.	0.	0.	8164.	1455.0	82.	8246.
21	8118.	8118.	0.	0.	8118.	1455.0	82.	8200.
22	8005.	8005.	0.	0.	8005.	1455.0	74.	8079.
23	7516.	7516.	0.	0.	7516.	1455.0	31.	7547.
24	7234.	7234.	0.	0.	7234.	1455.0	31.	7265.
25	6945.	6945.	0.	0.	6945.	1455.0	31.	6976.
26	6765.	6765.	0.	0.	6765.	1455.0	31.	6796.
27	6633.	6633.	0.	0.	6633.	1455.0	69.	6702.
28	6411.	6411.	0.	0.	6411.	1455.0	73.	6484.
29	6146.	6146.	0.	0.	6146.	1455.0	81.	6227.
30	5790.	5790.	0.	0.	5790.	1455.0	103.	5893.
31	5457.	5457.	0.	0.	5457.	1455.0	105.	5562.
32	5413.	5413.	0.	0.	5413.	1455.0	145.	5558.
33	6077.	6077.	0.	0.	6077.	1455.0	338.	6415.
34	6327.	6327.	0.	0.	6327.	1455.0	539.	6866.
35	6944.	6944.	0.	0.	6944.	1455.0	1008.	7952.
36	57 9.	8197.	0.	0.	8197.	1451.1	803.	9000.
37	63 4.	8326.	0.	0.	8326.	1447.4	674.	9000.
38	6111.	8391.	0.	0.	8391.	1442.7	609.	9000.
39	7307.	8247.	0.	0.	8247.	1440.8	753.	9000.
40	8238.	7711.	0.	0.	7711.	1441.9	1289.	9000.
41	8246.	7725.	0.	0.	7725.	1442.9	1275.	9000.
42	8788.	7448.	0.	0.	7448.	1445.7	1552.	9000.
43	8954.	7411.	0.	0.	7411.	1448.8	1589.	9000.
44	9694.	7353.	0.	0.	7353.	1452.8	1647.	9000.
45	9336.	7949.	0.	0.	7949.	1455.0	1474.	9423.
46	8474.	8474.	0.	0.	8474.	1455.0	1191.	9665.
47	8375.	8375.	0.	0.	8375.	1455.0	1014.	9389.
48	8428.	8428.	0.	0.	8428.	1455.0	939.	9367.
49	8121.	8121.	0.	0.	8121.	1455.0	613.	8734.
50	8272.	8272.	0.	0.	8272.	1455.0	597.	8869.
51	8662.	8662.	0.	0.	8662.	1455.0	880.	9542.
52	8648.	8648.	0.	0.	8648.	1455.0	695.	9343.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

WATER YEAR/WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW TURBINE DISCHARGE	CONE VALVE ENVIRON. RELEASE	CONE VALVE EXCESS RELEASE	TOTAL OUTFLOW	END OF WEEK RESERVOIR ELEVATION	INTERVENING FLOW DEVIL CNYN-GOLD CREEK	TOTAL FLOW GOLD CREEK
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(CFS)	(CFS)
1981 1	9434.	8499.	0.	935.	9434.	1455.0	415.	9849.
2	9375.	9375.	0.	0.	9375.	1455.0	370.	9745.
3	9725.	9725.	0.	0.	9725.	1455.0	309.	10034.
4	10090.	10090.	0.	0.	10090.	1455.0	254.	10344.
5	10417.	10417.	0.	0.	10417.	1455.0	268.	10685.
6	10822.	10822.	0.	0.	10822.	1455.0	282.	11104.
7	11183.	11183.	0.	0.	11183.	1455.0	211.	11394.
8	11606.	11606.	0.	0.	11606.	1455.0	215.	11821.
9	12002.	12002.	0.	0.	12002.	1455.0	202.	12204.
10	12402.	12402.	0.	0.	12402.	1455.0	98.	12500.
11	12662.	12662.	0.	0.	12662.	1455.0	76.	12738.
12	12313.	12313.	0.	0.	12313.	1455.0	71.	12384.
13	11677.	11677.	0.	0.	11677.	1455.0	68.	11745.
14	11383.	11383.	0.	0.	11383.	1455.0	47.	11430.
15	11379.	11379.	0.	0.	11379.	1455.0	54.	11433.
16	11368.	11368.	0.	0.	11368.	1455.0	63.	11431.
17	11355.	11355.	0.	0.	11355.	1455.0	68.	11423.
18	11330.	11330.	0.	0.	11330.	1455.0	67.	11397.
19	11465.	11465.	0.	0.	11465.	1455.0	174.	11639.
20	11388.	11388.	0.	0.	11388.	1455.0	146.	11534.
21	11312.	11312.	0.	0.	11312.	1455.0	116.	11428.
22	11182.	11182.	0.	0.	11182.	1455.0	109.	11291.
23	10665.	10665.	0.	0.	10665.	1455.0	109.	10774.
24	10329.	10329.	0.	0.	10329.	1455.0	116.	10445.
25	9985.	9985.	0.	0.	9985.	1455.0	119.	10104.
26	9793.	9793.	0.	0.	9793.	1455.0	121.	9914.
27	9653.	9653.	0.	0.	9653.	1455.0	251.	9904.
28	9403.	9403.	0.	0.	9403.	1455.0	261.	9664.
29	9152.	9152.	0.	0.	9152.	1455.0	278.	9430.
30	8847.	8847.	0.	0.	8847.	1455.0	360.	9207.
31	8363.	8363.	0.	0.	8363.	1455.0	427.	8790.
32	9103.	9103.	0.	0.	9103.	1455.0	1161.	10264.
33	8974.	8974.	0.	0.	8974.	1455.0	1165.	10139.
34	8560.	8560.	0.	0.	8560.	1455.0	767.	9327.
35	8821.	8821.	0.	0.	8821.	1455.0	1059.	9880.
36	8400.	8462.	0.	0.	8462.	1454.3	538.	9000.
37	7879.	8511.	0.	0.	8511.	1453.9	489.	9000.
38	7821.	8474.	0.	0.	8474.	1452.9	526.	9000.
39	8025.	8387.	0.	0.	8387.	1452.3	613.	9000.
40	7057.	7328.	0.	0.	7328.	1451.8	1672.	9000.
41	9893.	7913.	0.	0.	7913.	1455.0	3948.	11861.
42	9456.	9456.	0.	0.	9456.	1455.0	3860.	13316.
43	9155.	9155.	0.	0.	9155.	1455.0	3442.	12597.
44	9727.	9727.	0.	0.	9727.	1455.0	2533.	12260.
45	9576.	9576.	0.	0.	9576.	1455.0	1453.	11029.
46	20482.	6078.	0.	14404.	20482.	1455.0	1877.	22359.
47	35541.	5959.	0.	29582.	35541.	1455.0	1488.	37029.
48	23832.	5767.	0.	18066.	23832.	1455.0	1139.	24971.
49	16893.	5635.	0.	11258.	16893.	1455.0	1093.	17986.
50	13620.	5247.	0.	8373.	13620.	1455.0	880.	14500.
51	11366.	5202.	0.	6164.	11366.	1455.0	734.	12100.
52	9251.	7777.	0.	1474.	9251.	1455.0	598.	9849.

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 30 (Continued)

WITH-PROJECT WEEKLY FLOWS FOR SUSITNA RIVER AT DEVIL CANYON AND GOLD CREEK
FOR LATE STAGE III

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

TABLE 31

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1952 1	8240.	8240.	11727.	19967.	31953.	40193.
2	8214.	8214.	8902.	17116.	30912.	39126.
3	8372.	8372.	6768.	15140.	26026.	34398.
4	8754.	8754.	6366.	15120.	18523.	27277.
5	9279.	9279.	6574.	15853.	14724.	24003.
6	9721.	9721.	5335.	15056.	12114.	21835.
7	10093.	10093.	4313.	14406.	10542.	20635.
8	10528.	10528.	3907.	14435.	12223.	22751.
9	10923.	10923.	3528.	14451.	12537.	23460.
10	11426.	11426.	3487.	14913.	8960.	20386.
11	11700.	11700.	3672.	15372.	9525.	21225.
12	11364.	11364.	3599.	14963.	9215.	20579.
13	10734.	10734.	3352.	14086.	8243.	18977.
14	10333.	10333.	2800.	13133.	6383.	16716.
15	10316.	10316.	2510.	12826.	6398.	16714.
16	10318.	10318.	2503.	12821.	6533.	16851.
17	10293.	10293.	2400.	12693.	6209.	16502.
18	10226.	10226.	2148.	12374.	5514.	15740.
19	10145.	10145.	1623.	11768.	5087.	15232.
20	10110.	10110.	1575.	11685.	5010.	15120.
21	10053.	10053.	1396.	11449.	5201.	15254.
22	9927.	9927.	1362.	11289.	5124.	15051.
23	9418.	9418.	1437.	10855.	5236.	14654.
24	9065.	9065.	1483.	10548.	5198.	14263.
25	8704.	8704.	1594.	10298.	4860.	13564.
26	8479.	8479.	1771.	10250.	4267.	12746.
27	8277.	8277.	1780.	10057.	3877.	12154.
28	7994.	7994.	1571.	9565.	3355.	11349.
29	7655.	7655.	1608.	9263.	3142.	10797.
30	7188.	7188.	2075.	9263.	4252.	11440.
31	6748.	6748.	2838.	9586.	4826.	11574.
32	6526.	6526.	3953.	10479.	12575.	19101.
33	6828.	6828.	6026.	12854.	30934.	37762.
34	6848.	6848.	9454.	16302.	44179.	51027.
35	8963.	8963.	34728.	43691.	52604.	61567.
36	8904.	8904.	41371.	50275.	69209.	78113.
37	9950.	9950.	56475.	66425.	62070.	72020.
38	10168.	10168.	50179	60347.	67373.	77541.
39	9572.	9572.	5174	61282.	85180.	94752.
40	7918.	7918.	4738.	55300.	86793.	94711.
41	7098.	8167.	4138	49552.	89861.	98020.
42	7725.	7935.	4864	56580.	93435.	101370.
43	8037.	7846.	4523	53076.	91683.	99529.
44	9269.	8181.	54[illegible]	62377.	88321.	96502.
45	8563.	8563.	44[illegible]	52931.	95440.	104003.
46	8342.	8342.	3[illegible]	45253.	91514.	99856.
47	8166.	8166.	29	37194.	69661.	77827.
48	8483.	8483.	28	37211.	52384.	60867.
49	9027.	9027.	276	36666.	46692.	55719.
50	8735.	8735.	22095.	30830.	44799.	53534.
51	8767.	8767.	17263.	26030.	47371.	56138.
52	9061.	9061.	27030.	36091.	63010.	72071.

TABLE 31 (Continued)

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

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

TABLE 3: (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1954 1	8515.	8515.	9748.	18263.	37348.	45863.
2	8606.	8606.	8429.	17035.	42883.	51489.
3	8663.	8663.	6707.	15370.	49645.	58308.
4	8995.	8995.	4878.	13873.	34811.	43806.
5	9175.	9175.	2920.	12095.	20163.	29338.
6	9626.	9626.	2927.	12553.	20415.	30041.
7	10085.	10085.	3137.	13222.	17747.	27832.
8	10504.	10504.	3001.	13505.	14575.	25079.
9	10896.	10896.	2584.	13480.	10859.	21755.
10	11371.	11371.	2429.	13800.	9720.	21091.
11	11645.	11645.	2469.	14114.	10734.	22379.
12	11309.	11309.	2490.	13799.	9213.	20522.
13	10679.	10679.	2202.	12881.	7526.	18205.
14	10255.	10255.	2016.	12271.	8163.	18418.
15	10240.	10240.	1976.	12216.	7843.	18083.
16	10242.	10242.	2005.	12247.	7054.	17296.
17	10217.	10217.	1887.	12104.	6105.	16322.
18	10176.	10176.	1830.	12006.	5607.	15783.
19	10180.	10180.	1733.	11913.	5668.	15848.
20	10145.	10145.	1754.	11899.	6085.	16230.
21	10088.	10088.	1603.	11691.	5686.	15774.
22	9953.	9953.	1650.	11603.	5793.	15746.
23	9413.	9413.	1548.	10961.	6264.	15677.
24	9060.	9060.	1541.	10601.	5939.	14999.
25	8699.	8699.	1453.	10152.	5264.	13963.
26	8474.	8474.	1425.	9899.	5340.	13814.
27	8287.	8287.	1664.	9951.	5256.	13545.
28	8004.	8004.	1561.	9565.	5004.	13008.
29	7722.	7722.	2062.	9784.	5967.	13689.
30	7265.	7265.	2051.	9316.	6432.	13697.
31	7867.	7867.	5601.	13468.	27738.	35605.
32	8923.	8923.	7234.	16157.	33285.	42208.
33	10333.	10333.	16853.	27186.	41816.	52149.
34	10524.	10524.	16715.	27239.	44121.	54645.
35	10297.	10297.	20102.	30399.	42515.	52812.
36	9291.	9291.	25479.	34770.	53196.	62487.
37	8839.	8839.	32374.	41213.	54159.	62998.
38	8551.	8551.	35967.	44518.	61676.	70227.
39	9225.	9225.	38167.	47392.	84524.	93749.
40	7296.	7296.	36028.	43324.	82344.	89640.
41	6857.	6857.	36304.	43161.	83826.	90683.
42	6855.	6855.	33787.	40642.	74969.	81824.
43	6945.	6945.	33951.	40896.	68062.	75007.
44	9532.	9532.	48516.	58048.	73656.	83188.
45	9091.	9091.	42781.	51872.	83599.	92690.
46	9179.	9179.	43517.	52696.	79453.	88632.
47	9268.	9268.	38591.	47859.	75315.	84583.
48	9357.	9357.	32183.	41540.	56736.	66093.
49	9321.	9321.	22175.	31496.	39787.	49108.
50	9247.	9247.	21460.	30707.	42054.	51301.
51	9312.	9312.	20434.	29746.	60674.	69986.
52	8915.	8915.	16108.	25023.	36133.	45048.

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1958 1	8996.	8996.	11698.	20694.	25051.	34047.
2	9057.	9057.	8985.	18042.	26508.	35565.
3	9119.	9119.	7006.	16125.	17645.	26764.
4	9650.	9650.	7092.	16742.	18661.	28311.
5	9685.	9685.	5908.	15593.	24232.	33917.
6	10013.	10013.	6314.	16327.	25315.	35328.
7	10393.	10393.	5054.	15447.	19239.	29632.
8	11717.	11717.	4301.	16018.	12154.	23871.
9	12153.	12153.	4447.	16600.	14536.	26689.
10	12844.	12844.	4279.	17123.	10585.	23429.
11	13034.	13034.	3812.	16846.	7106.	20140.
12	12580.	12580.	3362.	15942.	5902.	18482.
13	11888.	11888.	3020.	14908.	6638.	18526.
14	11531.	11531.	2702.	14233.	7250.	18781.
15	11486.	11486.	2491.	13977.	7149.	18634.
16	11443.	11443.	2158.	13601.	6595.	18038.
17	11418.	11418.	2128.	13546.	6368.	17786.
18	11368.	11368.	2032.	13400.	6181.	17549.
19	11371.	11371.	1912.	13283.	5684.	17055.
20	11317.	11317.	1831.	13148.	5248.	16565.
21	11264.	11264.	1961.	13225.	5597.	16861.
22	11147.	11147.	2131.	13278.	5658.	16805.
23	10613.	10613.	2248.	12861.	5439.	16052.
24	10270.	10270.	2360.	12630.	6023.	16293.
25	9922.	9922.	2199.	12121.	4613.	14535.
26	9731.	9731.	2044.	11775.	4040.	13771.
27	9604.	9604.	2264.	11868.	4589.	14193.
28	9358.	9358.	2257.	11615.	4636.	13994.
29	9106.	9106.	3049.	12155.	5142.	14248.
30	8720.	8720.	4089.	12809.	5331.	14051.
31	8454.	8454.	8501.	16955.	7111.	15565.
32	8705.	8705.	24395.	33100.	11586.	20291.
33	8989.	8989.	35595.	44584.	31940.	40929.
34	9598.	9598.	44820.	54418.	45057.	54655.
35	9574.	9574.	38649.	48223.	43651.	53225.
36	9116.	9116.	35627.	44743.	48283.	57399.
37	8877.	8877.	45627.	54504.	51192.	60069.
38	8366.	8366.	36605.	44971.	60691.	69057.
39	8110.	8304.	38760.	47064.	77754.	86058.
40	6796.	7248.	36916.	44164.	82537.	89785.
41	6822.	7248.	33846.	41094.	83403.	90651.
42	6871.	7248.	37171.	44419.	74625.	81873.
43	6924.	7280.	41885.	49165.	70300.	77580.
44	9464.	7639.	57408.	65067.	83736.	91395.
45	8637.	8637.	51516.	60153.	84576.	93213.
46	8024.	8605.	54239.	62844.	85371.	93976.
47	7824.	8680.	36755.	45435.	66351.	75031.
48	7588.	8682.	28356.	37038.	53761.	62443.
49	7752.	7237.	19730.	26967.	37097.	44334.
50	8184.	6237.	24121.	30358.	37502.	43739.
51	8168.	8099.	19489.	27588.	37498.	45597.
52	6760.	6760.	19757.	26517.	32808.	39568.

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1959 1	6713.	6713.	14531.	21244.	24784.	31497.
2	6850.	6850.	12121.	18971.	23595.	30445.
3	7089.	7089.	9588.	16677.	24004.	31093.
4	7242.	7242.	6556.	13798.	23980.	31222.
5	7416.	7416.	4940.	12356.	17489.	24905.
6	7743.	7743.	4651.	12394.	16057.	23800.
7	8087.	8087.	3972.	12059.	11320.	19407.
8	8375.	8375.	3062.	11437.	7950.	16325.
9	8689.	8689.	2781.	11470.	8596.	17285.
10	9125.	9125.	2174.	11299.	6338.	15463.
11	9363.	9363.	1987.	11350.	6206.	15569.
12	9211.	9211.	2521.	11732.	6263.	15474.
13	87[illegible]	8707.	2444.	11151.	6914.	15621.
14	[illegible]36	[illegible]	2336.	10681.	5836.	14181.
15	8324	8324.	2344.	10668.	6061.	14385.
16	8316.	8316.	2169.	10485.	6082.	14398.
17	8291.	8291.	2222.	10513.	6293.	14584.
18	8267.	8267.	2182.	10449.	6119.	14386.
19	10302.	10302.	2077.	12379.	5865.	16167.
20	10258.	10258.	1768.	12026.	5303.	15561.
21	10176.	10176.	1738.	11914.	4873.	15049.
22	10035.	10035.	1696.	11731.	4179.	14214.
23	9507.	9507.	1611.	11118.	4229.	13736.
24	9154.	9154.	1680.	10834.	4294.	13448.
25	8793.	8793.	1827.	10620.	4583.	13376.
26	8568.	8568.	1877.	10445.	4558.	13126.
27	8373.	8373.	1967.	10340.	4809.	13182.
28	8090.	8090.	2077.	10167.	4605.	12695.
29	7821.	7821.	2702.	10523.	5040.	12861.
30	7366.	7366.	3646.	11012.	6371.	13737.
31	7257.	7257.	5002.	12259.	8368.	15625.
32	7402.	7402.	9225.	16627.	19700.	27102.
33	10552.	10552.	26196.	36748.	45346.	55898.
34	11413.	11413.	25436.	36849.	56017.	67430.
35	10683.	10683.	24946.	35629.	57615.	68298.
36	9009.	9009.	26435.	35444.	78289.	87298.
37	7847.	7847.	21815.	29662.	63821.	71668.
38	8185.	8185.	29921.	38106.	79456.	87641.
39	8492.	8492.	40120.	48612.	101843.	110335.
40	7947.	7947.	35979.	43926.	95066.	103013.
41	7856.	7856.	36255.	44111.	100213.	108069.
42	8141.	8141.	39854.	47995.	103701.	111842.
43	7584.	7584.	36198.	43782.	84014.	91598.
44	9036.	9036.	37105.	46141.	79136.	88172.
45	8382.	8382.	34046.	42428.	83159.	91541.
46	9187.	9187.	42749.	51936.	55775.	64962.
47	10910.	10910.	70243.	81153.	57296.	68206.
48	10981.	10981.	47873.	58854.	46387.	57368.
49	11574.	11574.	31387.	42961.	32887.	44461.
50	13349.	13349.	21111.	34460.	24989.	38338.
51	10026.	10026.	13966.	23992.	25613.	35639.
52	9459.	9459.	10688.	20147.	15424.	24883.

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1962 1	9337.	9337.	16186.	25523.	54917.	64254.
2	9306.	9306.	8756.	18062.	36552.	45858.
3	8538.	8538.	7880.	16418.	27535.	36073.
4	9030.	9030.	7048.	16078.	29493.	38523.
5	9161.	9161.	5690.	14851.	21502.	30663.
6	9550.	9550.	4894.	14444.	19527.	29077.
7	10036.	10036.	4354.	14390.	16182.	26218:
8	10476.	10476.	3853.	14329.	13824.	24300.
9	10878.	10878.	3553.	14431.	14307.	25185.
10	11389.	11389.	2909.	14298.	10256.	21645.
11	11663.	11663.	2876.	14539.	8574.	20237.
12	11327.	11327.	2857.	14184.	7097.	18424.
13	10697.	10697.	2850.	13547.	7377.	18074.
14	11450.	11450.	2456.	13906.	7374.	18824.
15	11437.	11437.	2340.	13777.	6590.	18027.
16	11420.	11420.	2344.	13764.	6772.	1819[illegible].
17	11403.	11403.	2357.	13760.	6669.	18072.
18	11368.	11368.	2124.	13492.	6659.	18027.
19	11388.	11388.	1900.	13288.	7045.	18433.
20	11342.	11342.	1831.	13173.	6976.	18318.
21	11296.	11296.	1835.	13131.	6347.	17643.
22	11174.	11174.	1725.	12899.	6052.	17226.
23	10654.	10654.	1676.	12330.	5693.	16347.
24	10311.	10311.	1623.	11934.	5556.	15867.
25	9966.	9966.	1582.	11548.	5403.	15369.
26	9775.	9775.	1602.	11377.	6200.	15975.
27	9644.	9644.	1807.	11451.	5982.	15626.
28	9388.	9388.	1864.	11252.	6381.	15769.
29	9129.	9129.	2336.	11465.	7837.	16966.
30	8694.	8694.	2462.	11156.	8483.	17177.
31	8130.	8130.	4144.	12274.	17149.	25279.
32	7849.	7849.	5055.	12904.	16770.	24619.
33	8594.	8594.	10673.	19267.	41563.	50157.
34	8563.	8563.	20123.	28686.	52819.	61382.
35	8878.	8878.	30226.	39104.	58241.	67119.
36	9571.	9571.	25722.	35293.	66920.	76491.
37	11039.	11039.	44897.	55936.	71565.	82604.
38	10369.	10369.	45008.	55377.	77956.	88325.
39	9312.	9312.	41186.	50498.	97517.	106829.
40	7484.	7977.	38636.	46613.	111427.	119404.
41	7337.	8000.	39193.	47193.	126744.	134744.
42	6964.	8129.	40427.	48556.	139705.	147834.
43	7314.	7977.	46715.	54692.	154515.	162492.
44	9133.	7557.	48356.	55913.	131800.	139357.
45	10502.	9094.	33835.	42929.	96311.	105405.
46	21799.	21799.	29565.	51364.	94962.	116761.
47	21799.	21799.	27462.	49261.	85803.	107602.
48	22209.	22209.	34498.	56707.	84816.	107025.
49	22008.	22008.	31463.	53471.	59617.	81625.
50	13899.	13899.	17063.	30962.	52124.	66023.
51	11257.	11257.	12745.	24002.	47831.	59088.
52	11332.	11332.	13701.	25033.	39542.	50874.

TABLE 3! (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1963 1	9094.	9094.	9805.	18899.	22441.	31535.
2	9379.	9379.	6971.	16350.	17695.	27074.
3	9750.	9750.	5497.	15247.	16720.	26470.
4	10145.	10145.	4525.	14670.	17984.	28129.
5	9046.	9046.	3511.	12557.	10997.	20043.
6	9459.	9459.	3193.	12652.	12243.	21702.
7	9945.	9945.	2986.	12931.	7545.	17490.
8	10385.	10385.	2770.	13155.	6248.	16633.
9	11940.	11940.	2876.	14816.	6365.	18305.
10	12489.	12489.	2863.	15352.	6851.	19340.
11	12755.	12755.	2777.	15532.	7606.	20361.
12	12406.	12406.	2949.	15355.	8036.	20442.
13	11769.	11769.	2772.	14541.	7989.	19758.
14	11453.	11453.	2641.	14094.	7625.	19078.
15	11440.	11440.	2528.	13968.	6935.	18375.
16	11424.	11424.	2480.	13904.	6772.	18196.
17	11409.	11409.	2426.	13835.	6506.	17915.
18	11381.	11381.	2162.	13543.	5886.	17267.
19	11426.	11426.	1982.	13408.	5842.	17268.
20	11380.	11380.	1969.	13349.	5762.	17142.
21	11334.	11334.	1949.	13283.	5325.	16659.
22	11194.	11194.	1767.	12961.	5688.	16882.
23	10623.	10623.	1425.	12048.	5469.	16092.
24	10282.	10282.	1386.	11668.	5468.	15750.
25	9939.	9939.	1239.	11178.	5220.	15159.
26	9750.	9750.	1303.	11053.	5022.	14772.
27	9591.	9591.	1309.	10900.	5106.	14697.
28	9340.	9340.	1313.	10653.	4467.	13807.
29	9083.	9083.	1363.	10446.	4323.	13406.
30	8556.	8556.	1337.	9893.	4946.	13502.
31	8226.	8226.	2702.	10928.	5654.	13880.
32	6759.	6759.	3328.	10087.	17263.	24022.
33	7755.	7755.	15823.	23578.	49613.	57368.
34	9057.	9057.	26322.	35379.	49753.	58810.
35	9411.	9411.	39808.	49219.	70209.	79620.
36	7860.	7860.	28338.	36198.	85706.	93568.
37	8680.	8680.	26937.	35617.	62599.	71279.
38	9240.	9240.	28326.	37566.	82829.	92069.
39	9076.	9076.	35259.	44335.	92720.	101796.
40	8775.	8775.	45054.	53829.	100214.	108989.
41	9218.	9218.	56750.	65968.	121932.	131150.
42	9032.	9032.	58149.	67181.	146562.	155594.
43	8694.	8694.	41518.	50212.	98959.	107653.
44	8179.	8179.	32549.	40728.	88545.	96724.
45	7587.	8586.	26798.	35384.	80142.	88728.
46	8674.	8641.	27971.	36612.	82663.	91304.
47	22691.	21726.	29457.	51183.	83982.	105708.
48	19122.	19122.	25837.	44959.	65349.	84471.
49	14318.	14318.	19864.	34182.	59967.	74285.
50	12804.	12804.	17078.	29882.	58225.	71029.
51	10239.	10239.	13398.	23637.	54852.	65091.
52	9083.	9083.	16645.	25728.	45913.	54996.

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 3((Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971 1	7079.	7079.	9897.	16976.	18665.	25744.
2	7114.	7114.	8369.	15483.	15869.	22983.
3	7188.	7188.	7005.	14193.	15003.	22191.
4	7448.	7448.	5903.	13351.	13419.	20867.
5	7736.	7736.	5654.	13390.	12105.	19841.
6	8076.	8076.	5220.	13296.	10239.	18315.
7	8407.	8407.	4247.	12654.	10245.	18652.
8	8690.	8690.	3782.	12472.	8272.	16962.
9	8972.	8972.	3408.	12380.	8119.	17091.
10	9372.	9372.	3129.	12501.	6799.	16171.
11	9561.	9561.	2945.	12506.	6512.	16073.
12	9259.	9259.	2814.	12073.	6699.	15958.
13	8716.	8716.	2622.	11338.	6236.	14952.
14	836..	8361.	2384.	10745.	6456.	14817.
15	8323.	8323.	2197.	10520.	6814.	15137.
16	8302.	8302.	1981.	10283.	7068.	15370.
17	8254.	8254.	1792.	10046.	6768.	15022.
18	8221.	8221.	1666.	9887.	6252.	14473.
19	8219.	8219.	1620.	9839.	5858.	14077.
20	8175.	8175.	1590.	9765.	5154.	13329.
21	8129.	8129.	1566.	9695.	4925.	13054.
22	8027.	8027.	1519.	9546.	5140.	13167.
23	7609.	7609.	1513.	9122.	4704.	12313.
24	7327.	7327.	1499.	8826.	4375.	11702.
25	7038.	7038.	1461.	8499.	4273.	11311.
26	6858.	6858.	1515.	8373.	4000.	10858.
27	6719.	6719.	1558.	8277.	4330.	11049.
28	6499.	6499.	1583.	8082.	4621.	11120.
29	6241.	6241.	1687.	7928.	4364.	10605.
30	5887.	5887.	1792.	7679.	5134.	11021.
31	5484.	5484.	2269.	7753.	5629.	11113.
32	5333.	5333.	3750.	9083.	14384.	19717.
33	5645.	5706.	5993.	11699.	35940.	41646.
34	5710.	5649.	9837.	15486.	59314.	64963.
35	6054.	6054.	16019.	22073.	65416.	71470.
36	6875.	7753.	29662.	37415.	84208.	91961.
37	9141.	8263.	49503.	57766.	72695.	80958.
38	7112.	7437.	43019.	50456.	91962.	99399.
39	8201.	7876.	68296.	76172.	144706.	152582.
40	6784.	7718.	44680.	52398.	138209.	145927.
41	6841.	7696.	49974.	57670.	137867.	145563.
42	7170.	7497.	48011.	55508.	121774.	129271.
43	6524.	8023.	31239.	39262.	85201.	93224.
44	7684.	7804.	35772.	43576.	82063.	89867.
45	9647.	7263.	68287.	75550.	104284.	111547.
46	9765.	8414.	50129.	58543.	93227.	101641.
47	8453.	8453.	33318.	41771.	73418.	81871.
48	13024.	13024.	26332.	39356.	68690.	81714.
49	21459.	21459.	28612.	50071.	70825.	92284.
50	13693.	13693.	20957.	34650.	51049.	64742.
51	10354.	10354.	14910.	25264.	48618.	58972.
52	8985.	8985.	11988.	20973.	38136.	47121.

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976 1	9491.	9491.	11984.	21475.	36097.	45588.
2	9799.	9799.	10831.	20630.	25557.	35356.
3	10155.	10155.	7892.	18047.	24021.	34176.
4	10260.	10260.	4956.	15216.	16951.	27211.
5	9236.	9236.	3823.	13059.	12841.	22077.
6	9583.	9583.	2942.	12525.	10045.	19628.
7	9997.	9997.	2698.	12695.	7650.	17647.
8	10388.	10388.	2353.	12741.	6287.	16675.
9	11941.	11941.	2329.	14270.	5262.	17203.
10	12472.	12472.	2133.	14605.	4937.	17409.
11	12738.	12738.	2073.	14811.	4977.	17715.
12	12389.	12389.	1963.	14352.	5017.	17406.
13	11752.	11752.	1963.	13715.	5070.	16822.
14	11450.	11450.	1928.	13378.	5423.	16873.
15	11447.	11447.	1885.	13332.	5650.	17097.
16	11431.	11431.	1789.	13220.	5912.	17343.
17	11417.	11417.	1813.	13230.	5525.	16942.
18	11395.	11395.	1791.	13186.	5353.	16748.
19	10185.	10185.	1802.	11987.	5120.	15305.
20	10150.	10150.	2087.	12237.	4720.	14870.
21	10093.	10093.	1965.	12058.	4491.	14584.
22	9965.	9965.	1972.	11937.	4344.	14309.
23	9460.	9460.	1951.	11411.	4521.	13981.
24	9107.	9107.	1731.	10838.	4578.	13685.
25	8746.	8746.	1722.	10468.	4578.	13324.
26	8521.	8521.	1739.	1026	4578.	13099.
27	8320.	8320.	1775.	1009	4644.	12964.
28	8042.	8042.	1938.	9980.	4608.	12650.
29	7730.	7730.	2558.	10288.	4731.	12461.
30	7360.	7360.	3367.	10727.	7357.	14717.
31	7458.	7458.	7952.	15410.	41832.	49290.
32	8906.	8906.	22021.	30927.	85712.	94618.
33	9028.	9028.	17165.	26193.	54622.	63650.
34	8819.	8819.	18680.	27499.	50278.	59097.
35	8960.	8960.	24164.	33124.	48333.	57293.
36	8790.	8790.	39449.	48239.	66584.	75374.
37	8723.	8723.	50460.	59183.	93255.	101978.
38	7577.	7895.	35628.	43523.	91662.	99557.
39	7447.	7934.	41390.	49324.	94823.	102757.
40	6275.	7947.	37749.	45696.	107581.	115528.
41	6297.	7949.	42231.	50180.	102194.	110143.
42	6286.	7999.	45425.	53424.	99186.	107185.
43	6410.	7974.	40990.	48964.	88840.	96814.
44	6490.	8536.	38128.	46664.	90093.	98629.
45	6869.	8886.	35617.	44503.	90971.	99857.
46	6711.	8915.	36295.	45210.	82171.	91086.
47	6720.	8936.	46392.	55328.	74507.	83443.
48	6843.	8896.	23601.	32497.	56621.	65517.
49	6158.	7435.	16586.	24021.	35207.	42642.
50	6349.	6537.	14369.	20906.	32847.	39384.
51	6542.	5535.	15153.	20688.	46955.	52490.
52	6637.	5504.	14658.	20162.	53165.	58669.

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

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

TABLE 31 (Continued)

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

WATER YEAR/ WEEK	DEVIL CANYON INFLOW	DEVIL CANYON OUTFLOW	INTERVENING FLOW D. CANYON-SUNSHINE	TOTAL FLOW SUNSHINE	INTERVENING FLOW D. CANYON-SUSITNA STA.	TOTAL FLOW SUSITNA STA.
	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1982 1	8882.	8882.	10645.	19527.	23888.	32770.
2	9287.	9287.	9810.	19097.	21396.	30683.
3	9725.	9725.	9853.	19578.	24753.	34478.
4	9118.	9118.	11195.	20313.	40881.	49999.
5	9574.	9574.	5788.	15362.	21516.	31090.
6	9947.	9947.	4901.	14848.	17773.	27720.
7	10419.	10419.	3835.	14254.	14135.	24554.
8	11743.	11743.	2882.	14625.	11254.	22997.
9	12104.	12104.	2380.	14484.	10466.	22570.
10	12576.	12576.	2101.	14677.	9958.	22534.
11	12827.	12827.	1850.	14677.	9807.	22634.
12	12471.	12471.	1799.	14270.	9314.	21785.
13	11834.	11834.	1542.	13376.	8885.	20719.
14	11548.	11548.	916.	12464.	8202.	19750.
15	11535.	11535.	1417.	12952.	7203.	18738.
16	11517.	11517.	1417.	12934.	6774.	18291.
17	11498.	11498.	1417.	12915.	6417.	17915.
18	11465.	11465.	1408.	12873.	5965.	17430.
19	11529.	11529.	1718.	13247.	5460.	16989.
20	11419.	11419.	1672.	13091.	5529.	16948.
21	11326.	11326.	1695.	13021.	5881.	17207.
22	11195.	11195.	1718.	12913.	5518.	16713.
23	10660.	10660.	1699.	12359.	4856.	15516.
24	10320.	10320.	1699.	12019.	4499.	14819.
25	9981.	9981.	1740.	11721.	3940.	13921.
26	9817.	9817.	2023.	11840.	3637.	13454.
27	9728.	9728.	2071.	11799.	3714.	13442.
28	9474.	9474.	2014.	11488.	3785.	13259.
29	9233.	9233.	2094.	11327.	4294.	13527.
30	9026.	9026.	2643.	11669.	4900.	13926.
31	8298.	8298.	3522.	11820.	6679.	14977.
32	8505.	8505.	8707.	17212.	19793.	28298.
33	9069.	9069.	17655.	26724.	41755.	50824.
34	9249.	9249.	17080.	26329.	43409.	52658.
35	9304.	9304.	25857.	35161.	49728.	59032.
36	9396.	9396.	40736.	50132.	78807.	88203.
37	8922.	8922.	35248.	44170.	83020.	91942.
38	9286.	9286.	35891.	45177.	81048.	90334.
39	9063.	9063.	42855.	51918.	99598.	108661.
40	7011.	8210.	32790.	41000.	82776.	90986.
41	7515.	8022.	34750.	42772.	79593.	87615.
42	7607.	8007.	35865.	43872.	83479.	91486.
43	8008.	7886.	51871.	59757.	11757.	119643.
44	7463.	7646.	44911.	52557.	108697.	116343.
45	7002.	7757.	34414.	42171.	89185.	96942.
46	6990.	7917.	31655.	39572.	80541.	88458.
47	7062.	8055.	26816.	34871.	69602.	77657.
48	7518.	8021.	27136.	35157.	67822.	75843.
49	7174.	7062.	25281.	32343.	70309.	77371.
50	7995.	5827.	26258.	32085.	78430.	84257.
51	9532.	6467.	51445.	57912.	149859.	156326.
52	7920.	7920.	27130.	35050.	78130.	86050.

TABLE 31 (Continued)

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

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

TABLE 32
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

WEEK= 1
(1 OCT- 7 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	10959
3.0	9834
6.1	8824
15.2	8511
18.2	7918
24.2	7637
33.3	7366
39.4	6853
51.5	6610
54.5	6375
57.6	6149
66.7	5931
87.9	5720
100.0	5517

WEEK= 2
(8 OCT-14 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	8477
3.0	7990
6.1	7681
12.1	7531
15.2	7239
21.2	6959
24.2	6689
27.3	6559
33.3	6305
42.4	6182
78.8	6061
87.9	5942
100.0	5826

WEEK= 3
(15 OCT-21 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	7885
6.1	6639
12.1	6552
33.3	6466
66.7	6381
84.8	6297
90.9	6215
100.0	6133

WEEK= 4
(22 OCT-28 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	8377
3.0	7004
15.2	6908
33.3	6814
72.7	6721
97.0	6538
100.0	6449

WEEK= 5
(29 OCT- 4 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	8806
3.0	7365
9.1	7271
27.3	7179
75.8	7088
90.9	6998
100.0	6909

WEEK= 6
(5 NOV-11 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	7608
9.1	7556
18.2	7538
24.2	7521
30.3	7504
36.4	7487
54.5	7470
57.6	7452
63.6	7435
84.8	7418
87.9	7368
90.9	7351
93.9	7300
100.0	7284

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

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	7909	0.0	8214	0.0	8508
9.1	7875	6.1	8199	15.2	8460
15.2	7857	12.1	8169	36.4	8412
18.2	7840	18.2	8154	66.7	8364
27.3	7823	24.2	8139	81.8	8317
36.4	7806	33.3	8124	90.9	8270
54.5	7789	42.4	8109	97.0	7685
69.7	7755	54.5	8094	100.0	7641
75.8	7739	69.7	8064		
84.8	7722	78.8	8050		
87.9	7705	81.8	8035		
90.9	7671	84.8	8020		
93.9	7638	90.9	7991		
97.0	7605	97.0	7947		
100.0	7588	100.0	7932		

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	8901	0.0	9090	0.0	8827
18.2	8853	18.2	9043	18.2	8781
39.4	8806	33.3	8996	36.4	8735
66.7	8758	60.6	8949	60.6	8689
81.8	8711	75.8	8902	78.8	8644
90.9	8664	90.9	8856	93.9	8554
93.9	8480	93.9	8718	97.0	8033
97.0	8078	97.0	8275	100.0	7991
100.0	8035	100.0	8232		

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

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	8355	0.0	8141	0.0	8133
15.2	8310	9.1	8093	3.0	8085
33.3	8265	27.3	8045	18.2	8037
63.6	8221	60.6	7998	42.4	7990
78.8	8176	75.8	7951	72.7	7943
90.9	8132	87.9	7904	87.9	7896
97.0	7578	97.0	7319	97.0	7310
100.0	7527	100.0	7276	100.0	7267

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	8118	0.0	8105	0.0	8077
3.0	8071	3.0	8058	3.0	8030
12.1	8024	12.1	8011	12.1	7984
39.4	7978	33.3	7964	27.3	7937
72.7	7931	60.6	7917	57.6	7891
84.8	7885	81.8	7871	84.8	7845
93.9	7840	90.9	7825	90.9	7800
97.0	7311	97.0	7293	97.0	7273
100.0	7269	100.0	7251	100.0	7231

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

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	8087	0.0	8049	0.0	8003
3.0	8040	3.0	8002	3.0	7910
9.1	7992	6.1	7956	15.2	7864
24.2	7945	15.2	7909	45.5	7819
51.5	7899	48.5	7863	78.8	7773
81.8	7852	78.8	7818	93.9	7728
93.9	7760	90.9	7772	97.0	7206
97.0	7273	97.0	7247	100.0	7164
100.0	7230	100.0	7205		

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	7897	0.0	7514	0.0	7261
3.0	7806	3.0	7424	3.0	7172
15.2	7761	18.2	7380	24.2	7127
42.4	7716	48.5	7336	51.5	7083
78.8	7671	84.8	7292	84.8	7039
93.9	7627	93.9	7249	93.9	6996
97.0	7115	97.0	6747	97.0	6494
100.0	7074	100.0	6707	100.0	6454

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APP- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	7009	0.0	6865	0.0	6776
3.0	6918	3.0	6772	3.0	6727
24.2	6874	27.3	6726	6.1	6678
57.6	6829	57.6	6680	36.4	6630
84.8	6785	81.8	6635	63.6	6582
93.9	6741	93.9	6590	84.8	6535
97.0	6234	97.0	6073	90.9	6487
100.0	6194	100.0	6032	97.0	5947
				100.0	5904

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	6577	0.0	6371	0.0	6165
3.0	6527	3.0	6320	3.0	6105
6.1	6478	6.1	6268	18.2	6046
39.4	6430	39.4	6217	51.5	5987
63.6	6382	69.7	6167	87.9	5929
87.9	6334	90.9	6117	90.9	5871
93.9	6286	93.9	6067	97.0	5171
97.0	5743	97.0	5501	100.0	5121
100.0	5700	100.0	5457		

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

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	5867	0.0	5748	0.0	5619
3.0	5801	6.1	5645	9.1	5329
9.1	5736	15.2	5545	21.2	5190
30.3	5672	30.3	5446	30.3	5055
48.5	5609	42.4	5348	33.3	4923
57.6	5546	51.5	5253	45.5	4794
78.8	5484	66.7	5159	60.6	4669
84.8	5423	69.7	4977	69.7	4547
87.9	5302	72.7	4888	75.8	4429
90.9	5243	81.8	4801	84.8	4313
93.9	5012	84.8	4549	87.9	4201
97.0	4792	90.9	4467	90.9	4091
100.0	4738	97.0	4157	93.9	3680
		100.0	4083	97.0	3491
				100.0	3400

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	5492	0.0	5163	0.0	4362
6.1	5338	6.1	5026	3.0	3895
12.1	5189	12.1	4762	6.1	3823
18.2	5044	15.2	4635	15.2	3751
27.3	4904	24.2	4512	18.2	3681
33.3	4767	33.3	4275	24.2	3612
36.4	4634	36.4	4162	42.4	3545
39.4	4504	45.5	4051	60.6	3478
48.5	4378	57.6	3943	63.6	3350
51.5	4256	63.6	3838	66.7	3287
60.6	4137	66.7	3736	69.7	3165
66.7	3910	75.8	3540	84.8	3106
75.8	3694	78.8	3354	100.0	3048
81.8	3591	84.8	3265		
84.8	3394	87.9	3178		
90.9	3299	100.0	3094		
100.0	3207				

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

WEEK=37
(10 JUN-16 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	4317
3.0	4154
6.1	4074
9.1	3996
12.1	3844
15.2	3699
24.2	3628
27.3	3558
39.4	3490
48.5	3358
60.6	3293
63.6	3230
66.7	3169
72.7	3108
75.8	3048
100.0	2990

WEEK=38
(17 JUN-23 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	4220
3.0	3820
6.1	3745
9.1	3671
15.2	3599
18.2	3528
27.3	3458
36.4	3390
45.5	3258
54.5	3194
60.6	3131
63.6	3069
66.7	3009
78.8	2949
100.0	2891

WEEK=39
(24 JUN-30 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	5142
3.0	3757
12.1	3641
18.2	3529
27.3	3420
36.4	3314
51.5	3212
60.6	3113
66.7	3017
69.7	2923
100.0	2833

WEEK=40
(1 JUL- 7 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	24684
6.1	6142
9.1	3863
15.2	3440
27.3	3064
100.0	2728

WEEK=41
(8 JUL-14 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	24100
9.1	13559
12.1	10773
15.2	5402
24.2	3826
27.3	3410
39.4	3040
100.0	2709

WEEK=42
(15 JUL-21 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	29091
9.1	22648
21.2	19983
30.3	13726
33.3	9429
36.4	5042
39.4	4449
42.4	3925
45.5	3463
57.6	3056
100.0	2696

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

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	29075	0.0	29493	0.0	29613
12.1	25661	9.1	26141	6.1	23622
21.2	22647	15.2	23169	18.2	21098
36.4	19988	36.4	20535	45.5	18844
39.4	17640	54.5	18201	54.5	16830
45.5	15569	63.6	8823	72.7	15032
60.6	7357	66.7	6931	75.8	11991
63.6	5731	72.7	6143	78.8	10710
66.7	3940	75.8	5445	81.8	6815
72.7	3477	84.8	4277	84.8	6087
78.8	3069	87.9	3791	93.9	3873
100.0	2708	97.0	3360	100.0	3460
		100.0	2978		

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	29775	0.0	31205	0.0	31614
6.1	26571	9.1	25020	9.1	25335
9.1	21161	12.1	22403	15.2	22681
33.3	18884	15.2	20060	21.2	20304
54.5	16852	39.4	17963	27.3	18176
66.7	15039	57.6	16084	42.4	16272
75.8	13420	66.7	14402	45.5	14567
81.8	10688	75.8	12896	54.5	13040
84.8	7596	87.9	11547	69.7	11674
87.9	6778	90.9	7423	81.8	10451
90.9	6049	97.0	4273	87.9	9356
93.9	3836	100.0	3826	90.9	7498
100.0	3424			93.9	6712
				97.0	4311
				100.0	3859

TABLE 32 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR EARLY STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	26836
6.1	24365
9.1	22121
12.1	20084
18.2	16556
27.3	15031
39.4	13647
42.4	12391
51.5	11250
57.6	10214
69.7	9273
81.8	8419
84.8	7644
87.9	6940
93.9	5194
97.0	4716
100.0	4282

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	22593
3.0	17891
6.1	16552
18.2	15314
21.2	14168
30.3	13108
42.4	12127
48.5	11220
57.6	10380
66.7	9603
72.7	8885
75.8	8220
81.8	7605
84.8	7036
87.9	6509
90.9	5572
100.0	5155

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	21031
3.0	16901
12.1	15713
24.2	11739
36.4	10914
42.4	10147
54.5	9434
66.7	8771
69.7	8154
72.7	7581
75.8	7048
78.8	6553
90.9	6092
97.0	5664
100.0	5266

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE [1] (CFS)	DISCHARGE [2] (CFS)
0.0	18346	20967
3.0	15109	17268
6.1	14163	16186
9.1	13275	15172
12.1	12443	14221
15.2	11664	13330
18.2	10933	12495
21.2	10248	11712
39.4	9004	10290
45.5	8440	9645
60.6	7911	9041
66.7	7415	8475
69.7	6515	7446
78.8	6107	6979
84.8	5724	6542
100.0	5366	6132

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

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

TABLE 33
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13648	0.0	9567	0.0	7601
3.0	11873	6.1	8563	3.0	7413
6.1	10330	12.1	8329	21.2	7230
12.1	9861	18.2	8102	63.6	7051
21.2	9414	24.2	7665	90.9	5355
27.3	8987	30.3	7252	93.9	4845
30.3	8579	36.4	7054	100.0	4725
36.4	8190	54.5	6861		
39.4	7819	87.9	6673		
42.4	7464	90.9	5810		
48.5	7125	100.0	5651		
57.6	6802				
78.8	6494				
90.9	5918				
100.0	5649				

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	7744	0.0	7830	0.0	8119
21.2	7460	87.9	7431	97.0	3079
90.9	7188	93.9	3764	100.0	2917
93.9	3959	97.0	3054		
100.0	3814	100.0	2898		

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	8391	0.0	8662	0.0	8929
75.8	8044	3.0	8510	3.0	8862
97.0	3923	12.1	8489	9.1	8795
100.0	3761	21.2	8467	18.2	8729
		24.2	8446	54.5	8664
		27.3	8425	87.9	8599
		39.4	8404	97.0	7796
		57.6	8383	100.0	7737
		66.7	8361		
		69.7	8340		
		90.9	8319		
		97.0	8278		
		100.0	8257		

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	9356	0.0	9474	0.0	9190
6.1	9220	6.1	9411	3.0	9129
12.1	9153	9.1	9347	6.1	9068
21.2	9086	12.1	9284	12.1	9007
57.6	9020	45.5	9222	48.5	8947
90.9	8954	81.8	9159	87.9	8887
97.0	8200	93.9	9098	93.9	8827
100.0	8140	97.0	8388	97.0	8144
		100.0	8332	100.0	8090

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	8689	0.0	8410	0.0	8374
3.0	8630	3.0	8354	3.0	8320
6.1	8571	9.1	8298	6.1	8265
24.2	8513	39.4	8242	39.4	8211
63.6	8456	69.7	8187	72.7	8157
90.9	8398	93.9	8132	97.0	7440
97.0	7688	97.0	7450	100.0	7392
100.0	7636	100.0	7400		

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	8336	0.0	8295	0.0	8256
3.0	8284	3.0	8244	3.0	8206
9.1	8231	12.1	8193	12.1	8156
36.4	8179	42.4	8142	39.4	8106
72.7	8127	78.8	8091	78.8	8056
97.0	7436	97.0	7415	97.0	7393
100.0	7389	100.0	7369	100.0	7348

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	8265	0.0	8211	0.0	8165
3.0	8214	3.0	8111	3.0	8066
9.1	8163	33.3	8062	24.2	8016
33.3	8112	81.8	8012	75.8	7967
78.8	8061	97.0	7354	97.0	7312
97.0	7387	100.0	7309	100.0	7268
100.0	7341				

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	8056	0.0	7663	0.0	7410
3.0	7959	3.0	7567	3.0	7315
18.2	7911	18.2	7520	21.2	7267
72.7	7863	63.6	7472	63.6	7220
97.0	7222	97.0	6843	97.0	6591
100.0	7178	100.0	6800	100.0	6548

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	7158	0.0	7014	0.0	6929
3.0	7110	3.0	6965	3.0	6873
6.1	7062	6.1	6915	9.1	6818
21.2	7014	24.2	6867	30.3	6764
60.6	6967	63.6	6818	78.8	6709
97.0	6336	97.0	6175	97.0	5994
100.0	6294	100.0	6132	100.0	5946

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	6736	0.0	6544	0.0	6357
3.0	6680	3.0	6485	6.1	6290
9.1	6624	15.2	6426	27.3	6222
33.3	6569	36.4	6368	57.6	6156
78.8	6514	90.9	6311	93.9	6090
97.0	5795	97.0	5559	97.0	5241
100.0	5747	100.0	5508	100.0	5185

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	6665	0.0	7411	0.0	8068
3.0	6560	3.0	7114	3.0	7923
6.1	6356	12.1	6828	6.1	7369
12.1	6257	18.2	6690	9.1	7237
18.2	6159	21.2	6554	12.1	7107
39.4	6062	27.3	6421	15.2	6979
66.7	5967	30.3	6291	27.3	6854
87.9	5874	48.5	6163	39.4	6610
97.0	5016	66.7	6038	51.5	6491
100.0	4937	78.8	5916	63.6	6374
		93.9	5796	72.7	6147
		97.0	5125	81.8	6037
		100.0	5021	93.9	5822
				100.0	5717

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	9826	0.0	10529	0.0	10875
3.0	9022	3.0	9278	3.0	9636
6.1	8284	6.1	8709	6.1	8538
9.1	8051	9.1	8438	9.1	8334
15.2	7825	12.1	7921	15.2	8134
18.2	7606	21.2	7674	27.3	7940
33.3	7185	27.3	7435	39.4	7750
45.5	6984	39.4	7204	42.4	7565
54.5	6788	57.6	6979	69.7	7384
63.6	6597	66.7	6762	84.8	7208
69.7	6412	75.8	6552	97.0	7035
72.7	6232	90.9	6348	100.0	6867
87.9	6057	93.9	6150		
93.9	5887	97.0	5959		
100.0	5722	100.0	5773		

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

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	8758	0.0	8696	0.0	9107
3.0	8627	6.1	8574	3.0	8797
9.1	8499	15.2	8454	6.1	8497
12.1	8372	18.2	8336	12.1	8351
18.2	8125	21.2	8220	21.2	8066
27.3	7768	24.2	8105	27.3	7927
39.4	7652	27.3	7992	33.3	7791
45.5	7538	30.3	7880	36.4	7657
54.5	7426	36.4	7770	42.4	7525
69.7	7315	39.4	7554	48.5	7396
75.8	7207	51.5	7449	60.6	7269
81.8	7099	63.6	7344	72.7	7144
90.9	6889	72.7	7242	81.8	7021
93.9	6787	84.8	7141	84.8	6900
97.0	6686	87.9	7041	97.0	6665
100.0	6586	90.9	6942	100.0	6550
		97.0	6750		
		100.0	6655		

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	26189	0.0	25569	0.0	33159
3.0	24260	6.1	21554	3.0	30392
6.1	8973	9.1	15317	9.1	25532
12.1	8312	12.1	14063	15.2	23402
54.5	7700	15.2	9176	24.2	16515
84.8	7133	18.2	8425	27.3	13874
97.0	6608	54.5	7735	30.3	9792
100.0	6121	84.8	7102	33.3	8975
		93.9	6521	42.4	8226
		97.0	5497	72.7	7539
		100.0	5047	93.9	6910
				100.0	6334

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33291	0.0	34397	0.0	34244
6.1	30502	3.0	31563	3.0	31446
12.1	27947	9.1	28963	6.1	26516
15.2	25606	12.1	26576	15.2	24349
24.2	21495	24.2	24387	27.3	22359
27.3	18044	33.3	22377	42.4	20531
33.3	16533	48.5	20534	48.5	18853
36.4	12716	54.5	18842	60.6	15898
45.5	9780	57.6	15865	66.7	12310
48.5	8961	60.6	8690	69.7	9532
57.6	8210	66.7	7974	72.7	8753
87.9	7522	78.8	7317	75.8	8037
93.9	6892	100.0	6714	84.8	7380
100.0	6315			100.0	6777

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	36851	0.0	36655	0.0	38083
6.1	30965	9.1	25814	3.0	34853
9.1	26019	12.1	23648	9.1	29192
12.1	23850	21.2	21664	12.1	26716
18.2	21863	36.4	19846	15.2	22376
36.4	20041	48.5	18180	21.2	20479
51.5	18371	54.5	16654	33.3	17152
60.6	16840	63.6	15257	45.5	15697
66.7	15436	69.7	13976	48.5	14366
69.7	14150	75.8	11729	60.6	13148
72.7	11890	78.8	9017	75.8	12033
75.8	10899	81.8	8260	78.8	11012
78.8	9158	93.9	7567	81.8	10078
84.8	8395	100.0	6932	84.8	9223
87.9	7695			87.9	8441
100.0	7054			90.9	7725
				100.0	7070

TABLE 33 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR EARLY STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	31723
3.0	27043
9.1	23054
18.2	18146
36.4	16754
39.4	15469
48.5	13188
54.5	12176
63.6	11242
75.8	10380
81.8	8849
84.8	8170
90.9	7544
100.0	6965

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	26613
3.0	21185
6.1	19634
15.2	18196
21.2	16864
27.3	15629
30.3	14485
45.5	13424
54.5	12441
60.6	11530
66.7	10686
72.7	9904
75.8	9179
81.8	8507
84.8	7884
87.9	6772
100.0	6276

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	24737
3.0	21018
6.1	19373
15.2	17858
24.2	13986
30.3	12892
39.4	11883
57.6	10953
66.7	10096
72.7	9307
75.8	7289
81.8	6718
84.8	6193
90.9	5708
100.0	5262

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE 1/ (CFS)	DISCHARGE 2/ (CFS)
0.0	20612	23556
3.0	17840	20389
6.1	15441	17647
12.1	14366	16418
18.2	13365	15274
24.2	12434	14210
27.3	11568	13220
39.4	10762	12299
42.4	10012	11443
48.5	9315	10646
63.6	8666	9904
66.7	7501	8572
72.7	6492	7420
84.8	6040	6903
93.9	5619	6422
100.0	5228	5975

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

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

TABLE 34
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	15101	0.0	10400	0.0	8365
3.0	13051	3.0	10103	3.0	8141
6.1	11279	6.1	9261	15.2	7923
9.1	10744	12.1	8996	24.2	7711
24.2	10234	21.2	8739	45.5	7505
27.3	9285	24.2	8489	66.7	7304
36.4	8845	27.3	8247	90.9	5568
39.4	8425	30.3	7782	93.9	5132
42.4	8025	42.4	7559	100.0	4995
51.5	7644	54.5	7343		
60.6	7281	66.7	7133		
78.8	6936	87.9	6929		
87.9	6606	90.9	6170		
90.9	6293	100.0	5994		
100.0	5994				

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8643	0.0	8356	0.0	8534
6.1	8299	27.3	7917	39.4	8076
12.1	7969	93.9	3925	97.0	3167
48.5	7652	97.0	3163	100.0	2997
90.9	7347	100.0	2997		
93.9	4162				
100.0	3996				

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	8711	0.0	8944	0.0	9189
33.3	8341	3.0	8875	6.1	9110
97.0	3994	9.1	8807	12.1	9031
100.0	3825	15.2	8774	24.2	8953
		18.2	8740	30.3	8875
		21.2	8706	60.6	8798
		27.3	8673	75.8	8722
		30.3	8640	93.9	8647
		36.4	8606	97.0	7858
		45.5	8573	100.0	7790
		57.6	8541		
		69.7	8508		
		72.7	8475		
		81.8	8443		
		90.9	8410		
		93.9	8378		
		97.0	8346		
		100.0	8314		

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	9803	0.0	9848	0.0	9404
3.0	9620	3.0	9765	6.1	9334
6.1	9530	6.1	9683	12.1	9263
9.1	9441	9.1	9602	18.2	9194
12.1	9353	12.1	9521	36.4	9124
21.2	9265	24.2	9441	60.6	9056
51.5	9179	45.5	9362	78.8	8988
72.7	9093	72.7	9283	90.9	8920
90.9	9008	90.9	9205	97.0	8209
97.0	8277	97.0	8461	100.0	8147
100.0	8200	100.0	8390		

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	8881	0.0	8557	0.0	8503
3.0	8814	12.1	8496	12.1	8444
12.1	8748	24.2	8435	24.2	8386
24.2	8682	36.4	8375	39.4	8329
48.5	8617	51.5	8315	57.6	8272
69.7	8552	72.7	8256	81.8	8215
81.8	8487	87.9	8197	93.9	8159
93.9	8423	97.0	7523	97.0	7512
97.0	7752	100.0	7470	100.0	7461
100.0	7693				

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	8481	0.0	8456	0.0	8394
12.1	8424	6.1	8399	12.1	8340
15.2	8367	15.2	8342	15.2	8285
33.3	8310	30.3	8286	36.4	8231
48.5	8254	48.5	8230	51.5	8177
69.7	8198	69.7	8174	75.8	8124
90.9	8143	90.9	8119	93.9	8071
97.0	7505	97.0	7484	97.0	7461
100.0	7455	100.0	7434	100.0	7413

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	8456	0.0	8307	0.0	8257
3.0	8397	12.1	8255	6.1	8205
9.1	8339	30.3	8203	21.2	8154
21.2	8280	48.5	8151	39.4	8102
42.4	8223	63.6	8100	63.6	8052
63.6	8165	90.9	8048	90.9	8001
90.9	8108	97.0	7412	97.0	7371
97.0	7454	100.0	7366	100.0	7325
100.0	7402				

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	8146	0.0	7748	0.0	7496
6.1	8095	6.1	7698	6.1	7446
18.2	8045	18.2	7648	18.2	7396
36.4	7995	36.4	7599	39.4	7347
60.6	7945	57.6	7550	57.6	7298
90.9	7896	81.8	7501	81.8	7249
97.0	7280	97.0	6897	97.0	6646
100.0	7235	100.0	6852	100.0	6601

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	7283	0.0	7136	0.0	7352
6.1	7231	6.1	7083	3.0	7117
15.2	7179	15.2	7030	6.1	7041
27.3	7127	30.3	6977	33.3	6965
42.4	7076	42.4	6925	57.6	6890
69.7	7025	69.7	6873	75.8	6816
90.9	6974	97.0	6233	97.0	6050
97.0	6395	100.0	6187	100.0	5985
100.0	6349				

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	7155	0.0	7029	0.0	7240
3.0	6920	6.1	6857	3.0	6881
6.1	6843	9.1	6773	9.1	6765
33.3	6768	15.2	6690	12.1	6651
63.6	6693	33.3	6608	21.2	6539
75.8	6618	63.6	6527	39.4	6429
97.0	5855	75.8	6447	72.7	6321
100.0	5790	97.0	5628	81.8	6215
		100.0	5558	97.0	5335
				100.0	5245

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	9114	0.0	9915	0.0	10209
3.0	7801	3.0	8673	3.0	9930
6.1	7106	6.1	8388	9.1	9138
12.1	6889	9.1	7845	12.1	8888
15.2	6678	24.2	7338	15.2	8645
36.4	6473	30.3	7096	21.2	8409
51.5	6275	36.4	6863	27.3	8179
78.8	6083	45.5	6637	30.3	7956
97.0	5206	54.5	6419	33.3	7738
100.0	5047	72.7	6208	42.4	7527
		90.9	6004	51.5	7321
		97.0	5430	60.6	7121
		100.0	5252	66.7	6926
				72.7	6737
				78.8	6553
				87.9	6374
				97.0	6199
				100.0	6030

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	12860	0.0	15676	0.0	13162
3.0	11867	6.1	13468	3.0	11543
6.1	11400	9.1	11571	6.1	10392
9.1	10519	15.2	11000	12.1	9860
18.2	9707	18.2	10458	18.2	9605
21.2	9325	21.2	9942	21.2	9356
30.3	8958	27.3	9451	33.3	9113
33.3	8605	51.5	8985	90.9	8423
51.5	8266	60.6	8120	93.9	8205
57.6	7628	69.7	7719	100.0	7992
63.6	7328	87.9	7339		
72.7	7039	90.9	6977		
84.8	6762	97.0	6305		
93.9	6496	100.0	5994		
97.0	6240				
100.0	5994				

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

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	11494	0.0	11909	0.0	10764
3.0	11062	3.0	10950	3.0	10432
6.1	10445	6.1	10722	6.1	9798
12.1	10053	9.1	10281	9.1	9496
18.2	9863	15.2	9654	21.2	9059
21.2	9676	21.2	9453	93.9	8118
27.3	9493	30.3	9065	100.0	7992
30.3	9137	90.9	8162		
90.9	8304	100.0	7992		
93.9	8146				
100.0	7992				

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	27213	0.0	26570	0.0	35898
3.0	25514	6.1	21979	3.0	33169
6.1	9092	9.1	18181	9.1	26165
93.9	8524	12.1	16022	18.2	24176
100.0	7992	15.2	9069	24.2	17621
		90.9	8514	30.3	10965
		100.0	7992	33.3	9361
				90.9	8650
				100.0	7992

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

WEEK=43
(22 JUL-28 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	36737
6.1	31287
12.1	28874
15.2	26646
24.2	22694
27.3	20943
30.3	19328
33.3	17837
36.4	15191
39.4	14019
42.4	12937
45.5	11939
48.5	10168
51.5	9384
90.9	8660
100.0	7992

WEEK=44
(29 JUL- 4 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	36933
3.0	34074
6.1	31437
9.1	29004
15.2	26759
27.3	24688
36.4	22777
48.5	21014
57.6	17887
60.6	9389
90.9	8662
100.0	7992

WEEK=45
(5 AUG-11 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	35699
3.0	32995
6.1	30495
9.1	26050
27.3	24077
33.3	22253
48.5	20567
57.6	19009
60.6	17570
63.6	16239
66.7	13872
69.7	9356
90.9	8647
100.0	7992

WEEK=46
(12 AUG-18 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	40443
6.1	31308
9.1	26396
15.2	24237
21.2	22254
42.4	20434
57.6	18762
63.6	17227
66.7	15818
69.7	14524
72.7	13336
78.8	9479
93.9	8704
100.0	7992

WEEK=47
(19 AUG-25 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	40073
9.1	26217
12.1	24085
24.2	22125
42.4	20325
51.5	18672
54.5	17153
66.7	15757
75.8	13298
78.8	9470
93.9	8700
100.0	7992

WEEK=48
(26 AUG- 1 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	41495
3.0	38049
6.1	34889
9.1	29336
12.1	26900
15.2	24666
21.2	22618
30.3	20739
33.3	19017
39.4	17438
45.5	15990
51.5	14662
66.7	13445
75.8	12328
81.8	11305
84.8	9505
93.9	8716
100.0	7992

TABLE 34 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR EARLY STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	34591
3.0	29647
9.1	25410
12.1	23524
18.2	20162
30.3	18666
36.4	17280
45.5	15998
48.5	13711
60.6	12694
63.6	11752
75.8	10880
81.8	10072
84.8	8633
100.0	7992

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	28972
3.0	23148
6.1	21479
12.1	19931
18.2	18494
21.2	17161
30.3	15924
39.4	14776
54.5	13711
60.6	12723
63.6	11806
72.7	10165
75.8	9432
84.8	8753
87.9	7536
100.0	6993

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	26584
3.0	22726
6.1	21012
12.1	19428
24.2	15356
27.3	14198
39.4	13128
51.5	12138
57.6	11223
69.7	10376
72.7	9594
75.8	8202
78.8	7583
84.8	7012
87.9	6483
100.0	5994

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE 1/ (CFS)	DISCHARGE 2/ (CFS)
0.0	21935	25069
3.0	20487	23414
6.1	16693	19077
12.1	15591	17818
18.2	14562	16642
21.2	13601	15544
27.3	12703	14518
36.4	11865	13560
39.4	11082	12665
48.5	10350	11829
51.5	9667	11048
63.6	9029	10319
66.7	8433	9638
72.7	6871	7853
81.8	6418	7334
100.0	5994	6850

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

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

TABLE 35
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

WEEK= 1
(1 OCT- 7 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	33220
3.0	30101
6.1	28654
9.1	27275
15.2	23526
21.2	22394
27.3	21317
42.4	20292
45.5	19316
51.5	18387
60.6	17502
75.8	16660
78.8	15859
84.8	15096
90.9	14370
97.0	13679
100.0	13021

WEEK= 2
(8 OCT-14 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	27840
3.0	24236
6.1	23141
12.1	21098
15.2	20146
27.3	19236
36.4	17538
45.5	16746
51.5	15990
72.7	15267
75.8	14578
78.8	13920
93.9	12691
97.0	12118
100.0	11570

WEEK= 3
(15 OCT-21 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	19076
3.0	17759
9.1	17134
18.2	16532
21.2	15951
33.3	15390
45.5	14849
54.5	14327
63.6	13824
69.7	13338
78.8	12869
84.8	12417
87.9	11559
93.9	10761
97.0	10017
100.0	9665

WEEK= 4
(22 OCT-28 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	18643
3.0	16419
6.1	15085
21.2	14460
42.4	13860
60.6	13286
63.6	12735
72.7	12207
81.8	11701
90.9	11216
93.9	8699
100.0	8339

WEEK= 5
(29 OCT- 4 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	15235
3.0	14632
9.1	14052
21.2	13495
39.4	12961
57.6	12448
66.7	11481
78.8	11026
87.9	10590
93.9	7664
97.0	7360
100.0	7069

WEEK= 6
(5 NOV-11 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	14389
6.1	13761
18.2	13160
33.3	12585
63.6	12036
66.7	11510
69.7	11007
93.9	10527
97.0	6441
100.0	6160

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

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	13877	0.0	13394	0.0	13275
6.1	13327	6.1	12913	9.1	13075
12.1	12799	12.1	12757	12.1	12877
24.2	12292	15.2	12450	15.2	12491
60.6	11805	21.2	12299	24.2	12302
66.7	11337	27.3	12150	36.4	12116
81.8	10888	36.4	12003	48.5	11933
97.0	6703	45.5	11857	51.5	11752
100.0	6438	51.5	11714	60.6	11575
		54.5	11572	66.7	11400
		60.6	11432	81.8	11227
		72.7	11156	90.9	11057
		78.8	11021	93.9	10726
		84.8	10888	97.0	10092
		90.9	10756	100.0	9939
		100.0	10625		

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHAR (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13640	0.0	13283	0.0	12570
3.0	13234	3.0	13112	6.1	12427
6.1	13035	6.1	12943	9.1	12287
9.1	12840	9.1	12776	18.2	12147
12.1	12647	12.1	12611	21.2	12010
15.2	12458	18.2	12449	30.3	11874
30.3	12271	27.3	12288	45.5	11606
36.4	12087	36.4	12130	66.7	11475
48.5	11906	45.5	11973	78.8	11090
54.5	11727	54.5	11819	81.8	10964
69.7	11552	72.7	11667	84.8	10840
78.8	11378	78.8	11368	93.9	10717
81.8	11208	84.8	11221	97.0	10240
90.9	11040	90.9	11077	100.0	10124
97.0	10393	97.0	10516		
100.0	10237	100.0	10381		

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

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	11971	0.0	12248	0.0	11469
6.1	11835	3.0	11531	3.0	11086
12.1	11700	6.1	11358	12.1	10960
21.2	11567	12.1	11188	21.2	10837
24.2	11436	18.2	11020	27.3	10714
33.3	11306	21.2	10855	42.4	10594
42.4	11177	45.5	10693	60.6	10474
48.5	11050	66.7	10532	69.7	10356
69.7	10925	78.8	10219	78.8	10239
75.8	10678	84.8	10066	81.8	10123
78.8	10556	90.9	9915	87.9	10009
81.8	10436	93.9	9335	90.9	9785
87.9	10317	100.0	9195	97.0	9350
90.9	10200			100.0	9245
93.9	10084				
97.0	9744				
100.0	9633				

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	11071	0.0	11031	0.0	10910
6.1	10966	6.1	10927	3.0	10713
12.1	10759	9.1	10721	6.1	10616
18.2	10657	12.1	10620	9.1	10519
33.3	10556	33.3	10520	12.1	10424
48.5	10456	42.4	10420	24.2	10329
54.5	10357	57.6	10322	39.4	10235
69.7	10259	63.6	10224	60.6	10143
72.7	10161	66.7	10128	66.7	10051
78.8	10065	72.7	10032	69.7	9959
81.8	9969	81.8	9937	75.8	9869
84.8	9875	84.8	9844	84.8	9779
90.9	9689	87.9	9751	87.9	9691
97.0	9326	90.9	9658	90.9	9603
100.0	9238	97.0	9299	97.0	9259
		100.0	9211	100.0	9175

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

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	10859	0.0	11115	0.0	10870
3.0	10569	3.0	10315	3.0	10223
6.1	10380	9.1	10206	6.1	10119
9.1	10287	21.2	10098	18.2	10016
33.3	10195	42.4	9990	42.4	9914
42.4	10103	57.6	9884	51.5	9813
57.6	10013	75.8	9780	69.7	9713
63.6	9923	81.8	9676	78.8	9614
75.8	9834	87.9	9573	84.8	9517
84.8	9746	93.9	9472	87.9	9420
87.9	9658	97.0	9173	97.0	9042
90.9	9572	100.0	9076	100.0	8950
97.0	9233				
100.0	9150				

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	10271	0.0	9722	0.0	9551
3.0	10112	6.1	9651	3.0	9475
6.1	10033	9.1	9512	6.1	9253
9.1	9954	18.2	9443	15.2	9180
27.3	9877	27.3	9375	24.2	9108
36.4	9800	36.4	9240	27.3	9036
39.4	9723	51.5	9173	45.5	8965
51.5	9647	72.7	9041	60.6	8894
69.7	9572	75.8	8910	69.7	8824
78.8	9498	90.9	8846	75.8	8755
81.8	9350	93.9	8782	81.8	8617
87.9	9277	97.0	8530	93.9	8549
93.9	9205	100.0	8469	97.0	8283
97.0	8921			100.0	8218
100.0	8851				

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

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	9186	0.0	8959	0.0	9578
6.1	9118	6.1	8894	3.0	9023
9.1	9049	12.1	8830	9.1	8916
12.1	8915	15.2	8766	18.2	8810
21.2	8848	27.3	8702	33.3	8705
24.2	8782	30.3	8639	39.4	8602
30.3	8716	39.4	8577	51.5	8500
54.5	8651	57.6	8515	69.7	8399
57.6	8587	66.7	8453	78.8	8300
66.7	8522	69.7	8392	81.8	8201
78.8	8459	72.7	8331	90.9	8104
81.8	8395	78.8	8271	93.9	8008
87.9	8333	84.8	8211	97.0	7726
90.9	8270	87.9	8152	100.0	7634
93.9	8209	93.9	8093		
97.0	8026	97.0	7861		
100.0	7966	100.0	7804		

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	9513	0.0	9526	0.0	10971
3.0	8851	3.0	9414	3.0	10311
9.1	8745	9.1	9194	6.1	10100
15.2	8641	12.1	8979	9.1	9893
27.3	8538	18.2	8873	12.1	9691
48.5	8436	21.2	8769	24.2	9493
54.5	8335	24.2	8666	30.3	9298
60.6	8236	30.3	8564	36.4	9108
75.8	8137	42.4	8464	39.4	8739
90.9	8040	60.6	8364	45.5	8385
93.9	7849	66.7	8266	69.7	8213
97.0	7663	72.7	8169	87.9	8045
100.0	7571	78.8	8073	90.9	7981
		81.8	7978	97.0	7561
		93.9	7700	100.0	7407
		100.0	7609		

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

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	18814	0.0	30694	0.0	42064
3.0	15851	6.1	28791	3.0	36224
6.1	15186	9.1	27006	6.1	31196
9.1	14549	12.1	22287	12.1	28949
12.1	12258	15.2	20906	15.2	26865
24.2	11251	21.2	19609	27.3	24930
33.3	10779	27.3	18394	39.4	23135
39.4	10327	30.3	16184	48.5	21469
54.5	9894	36.4	15180	60.6	18489
57.6	9479	48.5	14239	69.7	17158
69.7	9081	51.5	13356	75.8	15922
87.9	8701	63.6	12528	81.8	14776
100.0	8336	72.7	11023	84.8	13712
		78.8	10339	90.9	12724
		93.9	9698	97.0	10958
		100.0	9097	100.0	10169

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	51963	0.0	49674	0.0	95868
3.0	48620	12.1	47198	3.0	61477
6.1	45492	21.2	44847	9.1	49230
9.1	37265	24.2	42612	27.3	45717
15.2	34868	33.3	38471	36.4	42453
21.2	32625	45.5	36554	39.4	39423
24.2	30526	51.5	34732	45.5	36609
30.3	28562	60.6	33002	66.7	33996
42.4	26724	66.7	31357	78.8	31570
66.7	25005	69.7	28310	87.9	29317
75.8	21891	78.8	25559	97.0	25281
78.8	17932	81.8	24285	100.0	23477
90.9	16779	87.9	23075		
93.9	15699	93.9	21925		
100.0	14689	97.0	19795		
		100.0	18808		

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	78870	0.0	74611	0.0	75213
6.1	67405	3.0	65937	3.0	70149
12.1	63967	6.1	63276	6.1	65425
15.2	60704	9.1	58272	9.1	61019
18.2	57607	12.1	55920	12.1	58929
21.2	54668	15.2	53663	15.2	51260
27.3	51879	18.2	51497	27.3	49504
33.3	49233	27.3	49419	48.5	47808
39.4	46721	39.4	47425	60.6	46171
42.4	44338	42.4	45511	69.7	44589
63.6	39930	51.5	43674	75.8	43062
75.8	37893	72.7	40220	81.8	41587
78.8	35960	78.8	37039	87.9	40162
84.8	34125	81.8	35544	100.0	38786
90.9	32385	100.0	34110		
97.0	30733				
100.0	29165				

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	64864	0.0	82697	0.0	91367
6.1	55627	3.0	76163	3.0	78806
15.2	53944	6.1	73092	12.1	75016
21.2	52312	9.1	67317	15.2	71407
27.3	50729	15.2	64603	21.2	67973
30.3	49194	18.2	61998	24.2	64703
33.3	47706	24.2	59499	30.3	61591
45.5	46262	27.3	54798	36.4	58628
54.5	44862	33.3	52588	45.5	55808
69.7	43505	42.4	50468	51.5	53124
78.8	42189	57.6	46480	54.5	50569
90.9	40912	63.6	44606	63.6	48136
93.9	39674	78.8	42808	69.7	45821
97.0	37310	93.9	41082	81.8	41519
100.0	36181	97.0	39426	90.9	39522
		100.0	37836	93.9	37621
				100.0	35811

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

WEEK=43
(22 JUL-28 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	87130
3.0	78871
6.1	75040
18.2	71395
24.2	67927
27.3	64627
33.3	61488
36.4	58501
39.4	55659
42.4	52955
54.5	50383
66.7	47936
69.7	45607
78.8	43392
81.8	41284
87.9	39279
97.0	35555
100.0	33828

WEEK=44
(29 JUL- 4 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	90416
3.0	85714
6.1	77032
9.1	73026
21.2	69229
30.3	65629
33.3	62216
39.4	58981
63.6	55914
72.7	53007
75.8	47638
78.8	45160
87.9	40586
93.9	36475
97.0	34578
100.0	32780

WEEK=45
(5 AUG-11 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	82503
6.1	78548
9.1	74783
12.1	71199
18.2	67786
24.2	64537
33.3	58499
45.5	55695
57.6	53025
69.7	50484
78.8	48064
81.8	45760
84.8	43567
90.9	41479
97.0	34080
100.0	32447

WEEK=46
(12 AUG-18 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	119808
3.0	99616
6.1	82826
9.1	75525
12.1	68867
18.2	62796
33.3	57260
51.5	52212
66.7	47609
81.8	43412
84.8	39585
93.9	32914
97.0	22754
100.0	20748

WEEK=47
(19 AUG-25 AUG)

PERCENT (%)	DISCHARGE (CFS)
0.0	106968
3.0	97489
6.1	80976
9.1	73800
15.2	67260
18.2	61299
21.2	55867
42.4	50916
60.6	46404
75.8	42292
87.9	38544
90.9	32015
97.0	20131
100.0	18347

WEEK=48
(26 AUG- 1 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	86004
3.0	73249
6.1	62386
12.1	57574
21.2	53134
27.3	49036
30.3	45254
45.5	41764
57.6	38543
72.7	35570
84.8	32826
97.0	20280
100.0	18716

TABLE 35 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR EARLY STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	63141
6.1	59402
9.1	55884
12.1	52575
18.2	49462
24.2	46533
33.3	38746
45.5	36451
51.5	34293
69.7	32262
78.8	30352
81.8	28554
87.9	25272
93.9	22368
97.0	21043
100.0	19797

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	56593
3.0	53110
12.1	49842
15.2	46775
24.2	43896
30.3	38660
39.4	36281
48.5	34048
57.6	31953
63.6	29987
72.7	28142
78.8	26410
81.8	24785
84.8	23259
93.9	21828
97.0	18041
100.0	16931

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	76233
3.0	53553
6.1	49028
9.1	44885
18.2	37621
27.3	34442
42.4	31532
48.5	28867
57.6	26428
63.6	24195
75.8	22151
87.9	18565
97.0	15561
100.0	14246

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE[1] (CFS)	DISCHARGE[2] (CFS)
0.0	69238	79129
3.0	43790	50046
6.1	39956	45664
9.1	36457	41665
18.2	33265	38017
33.3	27695	31651
42.4	25270	28880
51.5	23057	26351
69.7	21039	24044
81.8	19196	21939
84.8	17516	20018
87.9	15982	18265
90.9	14583	16666
93.9	13306	15207
100.0	12141	13875

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

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

TABLE 36
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	68330	0.0	83984	0.0	56870
12.1	60111	3.0	70776	9.1	53366
18.2	56379	6.1	59646	12.1	46992
21.2	52880	9.1	54755	15.2	44097
24.2	49597	12.1	50265	18.2	38830
30.3	46519	27.3	46144	21.2	36437
42.4	43631	30.3	42360	36.4	34192
45.5	40923	42.4	38887	48.5	32086
51.5	36000	54.5	35699	69.7	30109
57.6	33765	72.7	32771	72.7	28253
63.6	31669	75.8	30084	75.8	26513
78.8	29703	81.8	27618	81.8	24879
87.9	26130	87.9	25353	90.9	23346
93.9	24508	90.9	23274	93.9	19291
97.0	21560	93.9	18006	97.0	18102
100.0	20222	100.0	16529	100.0	16987

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	48358	0.0	42270	0.0	42599
6.1	45419	3.0	37384	3.0	34736
9.1	42658	6.1	33063	6.1	30319
18.2	37629	9.1	31093	9.1	28325
24.2	35342	18.2	29241	18.2	26463
27.3	33193	30.3	27499	30.3	24723
33.3	31176	39.4	25861	48.5	23097
36.4	29280	45.5	24320	54.5	21579
51.5	27500	54.5	22871	63.6	20160
60.6	25829	66.7	21509	78.8	18835
75.8	24259	75.8	20227	84.8	17596
84.8	21399	81.8	19022	90.9	16439
90.9	18876	84.8	17889	93.9	14349
93.9	15639	87.9	16823	97.0	12524
100.0	14688	93.9	13992	100.0	11700
		100.0	13159		

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

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	40543	0.0	27417	0.0	26262
3.0	29296	3.0	24742	3.0	25393
6.1	27453	6.1	23910	6.1	23738
9.1	25725	9.1	23105	12.1	22952
24.2	24107	12.1	22328	15.2	22192
27.3	22590	15.2	21577	18.2	21457
33.3	21169	18.2	20851	24.2	20059
39.4	19837	27.3	20149	36.4	19395
63.6	18589	39.4	19471	51.5	18753
72.7	17419	45.5	18816	57.6	18132
81.8	16323	48.5	18183	66.7	17531
93.9	15296	51.5	17571	75.8	16951
97.0	12587	66.7	16980	78.8	15846
100.0	11795	75.8	16409	84.8	15322
		78.8	15857	87.9	14814
		84.8	15323	97.0	14324
		87.9	14808	100.0	13849
		100.0	14310		

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	23834	0.0	22182	0.0	20004
3.0	21666	3.0	21012	3.0	19536
6.1	20332	6.1	20451	6.1	19078
9.1	19696	9.1	19372	9.1	18631
18.2	19079	15.2	18854	12.1	18195
24.2	18482	21.2	18351	18.2	17353
39.4	17904	24.2	17860	24.2	16946
48.5	17344	27.3	17383	36.4	16550
57.6	16801	48.5	16918	48.5	16162
60.6	16276	54.5	16466	63.6	15784
69.7	15767	60.6	16026	66.7	15414
75.8	15273	72.7	15598	72.7	15053
81.8	14795	75.8	15181	75.8	14701
84.8	14333	78.8	14775	78.8	14020
97.0	13450	81.8	14380	90.9	13692
100.0	13029	93.9	13996	97.0	13058
		97.0	13622	100.0	12752
		100.0	13258		

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

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	18604	0.0	18108	0.0	16878
6.1	18200	3.0	17749	6.1	16411
9.1	17418	6.1	16713	9.1	16183
12.1	17040	15.2	16381	12.1	15957
18.2	16670	21.2	16056	15.2	15735
21.2	16309	39.4	15737	24.2	15516
36.4	15955	48.5	15425	36.4	15300
39.4	15608	51.5	15118	45.5	15087
57.6	15269	66.7	14818	57.6	14877
66.7	14938	75.8	14524	63.6	14670
69.7	14614	78.8	14236	75.8	14466
78.8	14297	81.8	13676	81.8	13870
81.8	13986	90.9	13405	90.9	13487
87.9	13683	93.9	13139	93.9	13299
93.9	13095	97.0	12622	97.0	13114
97.0	12533	100.0	12372	100.0	12931
100.0	12261				

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	16436	0.0	16116	0.0	16555
3.0	16256	6.1	15794	3.0	16360
6.1	15901	9.1	15479	6.1	15978
9.1	15726	18.2	15324	9.1	15605
12.1	15553	27.3	15170	12.1	15422
18.2	15382	36.4	14867	18.2	15240
30.3	15213	42.4	14718	21.2	15061
33.3	15046	57.6	14571	24.2	14885
45.5	14881	63.6	14424	36.4	14710
60.6	14717	69.7	14280	42.4	14537
69.7	14396	72.7	14136	46.5	14366
75.8	14238	78.8	13995	60.6	14197
78.8	14081	81.8	13854	66.7	14031
87.9	13927	84.8	13715	72.7	13866
90.9	13622	93.9	13442	78.8	13703
97.0	13473	100.0	13307	84.8	13542
100.0	13325			97.0	13383
				100.0	13226

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

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	16469	0.0	16101	0.0	16417
3.0	16080	3.0	15708	3.0	15717
6.1	15889	9.1	15516	9.1	15491
9.1	15700	12.1	15325	21.2	14830
12.1	15513	18.2	15137	24.2	14616
15.2	15146	21.2	14951	30.3	14405
27.3	14966	30.3	14768	39.4	14198
39.4	14788	39.4	14587	42.4	13993
45.5	14438	42.4	14231	45.5	13791
48.5	14266	48.5	14056	60.6	13592
60.6	14097	51.5	13884	69.7	13396
69.7	13929	66.7	13713	81.8	13203
75.8	13763	72.7	13545	90.9	13012
87.9	13599	78.8	13379	97.0	12640
90.9	13438	90.9	13215	100.0	12458
93.9	13278	93.9	13053		
100.0	13120	97.0	12892		
		100.0	12734		

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	15705	0.0	15287	0.0	15022
6.1	15489	3.0	15073	3.0	14168
9.1	15277	9.1	14449	6.1	13963
12.1	14656	12.1	13850	9.1	13560
15.2	14455	18.2	13465	12.1	13363
21.2	14257	33.3	13277	15.2	13169
33.3	14061	39.4	13091	27.3	12790
36.4	13678	45.5	12908	39.4	12604
51.5	13490	57.6	12727	48.5	12421
60.6	13305	66.7	12549	66.7	12063
66.7	13122	72.7	12373	72.7	11888
78.8	12942	87.9	12200	84.8	11715
84.8	12764	90.9	12029	97.0	11545
90.9	12589	93.9	11860	100.0	11378
93.9	12246	100.0	11694		
100.0	12078				

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

WEEK=25
(18 MAR-24 MAR)

PERCENT (%)	DISCHARGE (CFS)
0.0	14341
3.0	13734
6.1	13537
9.1	13343
12.1	12963
18.2	12778
21.2	12414
33.3	12236
51.5	11888
54.5	11718
69.7	11550
90.9	11384
93.9	11221
97.0	11061
100.0	10902

WEEK=26
(25 MAR-31 MAR)

PERCENT (%)	DISCHARGE (CFS)
0.0	14481
3.0	13761
6.1	13301
9.1	13076
18.2	12856
21.2	12639
27.3	12425
30.3	12216
39.4	12010
51.5	11807
60.6	11608
75.8	11412
81.8	11220
90.9	11030
93.9	10844
97.0	10661
100.0	10482

WEEK=27
(1 APR- 7 APR)

PERCENT (%)	DISCHARGE (CFS)
0.0	15093
3.0	13987
6.1	13212
9.1	12963
15.2	12718
18.2	12479
21.2	12244
39.4	12013
48.5	11787
60.6	11565
72.7	11347
90.9	11133
93.9	10717
100.0	10515

WEEK=28
(8 APR-14 APR)

PERCENT (%)	DISCHARGE (CFS)
0.0	15626
3.0	13187
12.1	12871
21.2	12563
24.2	12262
27.3	11968
42.4	11681
51.5	11402
69.7	11129
87.9	10602
97.0	10100
100.0	9858

WEEK=29
(15 APR-21 APR)

PERCENT (%)	DISCHARGE (CFS)
0.0	17013
3.0	15031
6.1	14573
9.1	14129
12.1	13698
18.2	13281
30.3	12876
33.3	12483
36.4	12103
39.4	11734
66.7	11376
72.7	11029
87.9	10693
90.9	10367
93.9	10051
97.0	9745
100.0	9448

WEEK=30
(22 APR-28 APR)

PERCENT (%)	DISCHARGE (CFS)
0.0	22169
3.0	19572
6.1	18012
9.1	17280
12.1	16577
18.2	15902
21.2	15256
24.2	14635
30.3	14040
33.3	13469
45.5	12921
57.6	12395
66.7	11891
75.8	11407
90.9	10943
93.9	10498
100.0	1007.

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

WEEK=31
(29 APR- 5 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	48138
6.1	43839
9.1	39924
12.1	36359
18.2	33111
21.2	30154
27.3	27461
39.4	25009
42.4	22776
48.5	18889
54.5	17202
60.6	15666
66.7	14267
69.7	12993
78.8	11832
87.9	10776
93.9	9813
97.0	8937
100.0	8139

WEEK=32
(6 MAY-12 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	92863
6.1	83218
9.1	74576
18.2	66830
21.2	59890
27.3	53670
33.3	48096
39.4	43101
42.4	38624
48.5	34613
51.5	31018
60.6	27797
66.7	24910
72.7	22323
81.8	20004
87.9	17927
90.9	16065
93.9	14396
97.0	12901
100.0	11561

WEEK=33
(13 MAY-19 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	85474
9.1	79958
12.1	74798
21.2	69972
24.2	65456
30.3	61233
33.3	57281
48.5	53585
57.6	50127
69.7	46892
72.7	43866
81.8	38388
90.9	35911
93.9	29398
97.0	25726
100.0	24066

WEEK=34
(20 MAY-26 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	84221
9.1	80076
15.2	76135
18.2	72388
21.2	68825
39.4	65437
45.5	62217
54.5	59154
69.7	53475
87.9	50843
97.0	33953
100.0	32282

WEEK=35
(27 MAY- 2 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	113289
6.1	104898
18.2	97128
24.2	89934
27.3	83273
42.4	77105
54.5	71393
60.6	66105
66.7	61209
72.7	56675
84.8	52477
93.9	44991
97.0	28353
100.0	26253

WEEK=36
(3 JUN- 9 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	132474
6.1	125348
9.1	118605
15.2	112225
21.2	106188
30.3	100476
36.4	95071
45.5	89957
60.6	85118
63.6	80540
66.7	76207
81.8	68229
84.8	64559
87.9	61086
93.9	57800
97.0	48966
100.0	46332

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

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	145007	0.0	143756	0.0	151700
6.1	135244	3.0	130774	3.0	146371
9.1	126139	6.1	124730	6.1	131480
12.1	109726	12.1	118965	9.1	122404
18.2	102338	18.2	113467	21.2	118104
30.3	95448	21.2	108222	33.3	113954
39.4	890?	30.3	103220	36.4	109951
45.5	8302?	36.4	98449	57.6	106088
66.7	77438	48.5	93899	72.7	102361
69.7	72225	66.7	89559	78.8	98765
81.8	67362	75.8	85420	84.8	95295
87.9	62827	81.8	81472	90.9	91948
93.9	58597	84.8	77706	93.9	88717
97.0	41355	87.9	70689	97.0	79692
100.0	38570	97.0	61333	100.0	76892
		100.0	58498		

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	146073	0.0	167225	0.0	189249
3.0	141582	3.0	154543	3.0	180799
9.1	137229	6.1	148567	6.1	172726
12.1	133009	15.2	142823	9.1	165014
15.2	124955	18.2	137301	12.1	150608
24.2	121113	30.3	131992	15.2	143883
30.3	117389	33.3	126888	21.2	137459
33.3	113780	36.4	121982	24.2	131322
45.5	110281	48.5	117266	36.4	125458
51.5	106890	51.5	112732	45.5	119857
54.5	103604	60.6	108373	48.5	114505
66.7	100418	69.7	104183	63.6	109393
69.7	97330	72.7	100154	72.7	104508
72.7	94338	78.8	96282	75.8	99842
78.8	91437	84.8	92559	78.8	95384
87.9	88626	93.9	88980	84.8	91126
93.9	85901	97.0	82232	87.9	83170
97.0	83259	100.0	79053	100.0	79456
100.0	80699				

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	180859	0.0	176133	0.0	162383
6.1	172642	6.1	169016	6.1	147182
9.1	157311	9.1	162187	9.1	142438
12.1	143341	12.1	143309	15.2	137847
18.2	136829	15.2	137518	27.3	133404
30.3	130612	21.2	131962	30.3	124943
36.4	124678	30.3	126629	36.4	120916
42.4	119014	42.4	116602	42.4	117018
48.5	108445	54.5	111891	54.5	113247
57.6	103518	66.7	107369	66.7	109596
66.7	98815	69.7	103031	75.8	106064
69.7	94325	78.8	98867	81.8	102645
81.8	90040	81.8	91039	87.9	99337
90.9	82044	84.8	87360	90.9	93037
93.9	78316	87.9	83830	93.9	90038
100.0	74758	100.0	80442	100.0	87136

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	197786	0.0	134729	0.0	126633
3.0	187251	12.1	128795	3.0	111315
6.1	150431	15.2	123123	9.1	106633
9.1	142418	18.2	117700	12.1	102147
15.2	134832	21.2	112516	18.2	97850
24.2	127650	30.3	107561	24.2	89791
30.3	120851	36.4	102824	27.3	86014
36.4	114414	48.5	98295	42.4	82396
51.5	108320	51.5	93966	57.6	78930
63.6	102550	63.6	89827	63.6	75610
75.8	97088	69.7	85871	69.7	72429
78.8	91916	84.8	82089	78.8	69383
87.9	87020	93.9	75018	87.9	66464
90.9	77997	97.0	59890	93.9	63668
97.0	73842	100.0	57253	97.0	58425
100.0	69909			100.0	55967

TABLE 36 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR EARLY STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	98373
6.1	94133
12.1	90077
15.2	86195
24.2	82481
30.3	75526
42.4	72271
48.5	69157
57.6	66176
69.7	63325
75.8	60596
78.8	55486
81.8	53095
84.8	48618
90.9	46523
93.9	4 518
100.0	42599

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	101944
9.1	96824
15.2	91962
21.2	87343
27.3	82957
30.3	78791
33.3	74834
42.4	71076
48.5	67506
57.6	64116
60.6	60896
63.6	57838
72.7	54933
78.8	52175
81.8	47066
84.8	44702
87.9	42457
90.9	40325
100.0	38300

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	174746
3.0	147415
9.1	114220
12.1	104908
15.2	96356
24.2	88500
30.3	81285
39.4	74658
42.4	68572
51.5	62981
66.7	57847
69.7	53131
78.8	44821
84.8	41167
90.9	37811
100.0	34728

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE[1] (CFS)	DISCHARGE[2] (CFS)
0.0	107008	122295
9.1	91767	104876
21.2	84981	97121
30.3	78696	89939
33.3	72877	83288
36.4	67487	77128
39.4	62497	71425
45.5	57875	66143
51.5	53595	61252
57.6	49632	56722
63.6	45961	52527
66.7	42563	48643
72.7	39415	45046
78.8	36500	41715
90.9	33801	38630
93.9	28987	33128
97.0	26843	30678
100.0	24858	28409

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

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

TABLE 37
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10959	0.0	8684	0.0	9152
3.0	8593	27.3	8446	27.3	8862
15.2	8251	42.4	7559	33.3	8044
39.4	7924	63.6	6055	66.7	6418
48.5	7307	97.0	5271	97.0	5121
63.6	5966	100.0	5127	100.0	4958
97.0	5283				
100.0	5073				

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9549	0.0	9988	0.0	10437
15.2	8425	3.0	8821	3.0	9523
66.7	6767	66.7	7098	66.7	7458
97.0	5435	97.0	5711	97.0	6021
100.0	5268	100.0	5536	100.0	5840

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10899	0.0	11317	0.0	11797
3.0	9956	15.2	10349	27.3	10785
66.7	7822	69.7	8399	69.7	8750
97.0	6334	97.0	6617	97.0	6889
100.0	6146	100.0	6423	100.0	6686

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12373	0.0	12643	0.0	12297
30.3	12011	33.3	11568	33.3	11248
33.3	11317	69.7	9402	69.7	9136
69.7	9190	97.0	7419	97.0	7203
97.0	7243	100.0	7203	100.0	6992
100.0	7031				

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11663	0.0	11356	0.0	11352
36.4	10659	42.4	10364	42.4	10360
69.7	8384	72.7	8123	72.7	8116
97.0	6796	97.0	6563	97.0	6556
100.0	6595	100.0	6366	100.0	6359

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11339	0.0	11326	0.0	11306
42.4	10350	42.4	10336	42.4	10316
72.7	8113	69.7	8097	72.7	8079
97.0	6556	97.0	6540	97.0	6523
100.0	6360	100.0	6344	100.0	6327

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11339	0.0	11198	0.0	11152
39.4	10341	38.3	10227	33.3	10182
75.8	8088	75.8	8029	75.8	7989
97.0	6523	97.0	6497	97.0	6461
100.0	6326	100.0	6304	100.0	6268

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11035	0.0	10571	0.0	10229
33.3	10072	33.3	9339	33.3	9026
75.8	7896	75.8	7519	75.8	7252
97.0	6381	97.0	6054	97.0	5826
100.0	6190	100.0	5869	100.0	5646

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9886	0.0	9697	0.0	9588
33.3	8711	33.3	8531	33.3	8417
75.8	6980	75.8	6818	75.8	6702
97.0	5594	97.0	5449	97.0	5337
100.0	5420	100.0	5278	100.0	5166

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9336	0.0	9079	0.0	8552
33.3	8182	33.3	7666	33.3	7214
75.8	6495	75.8	6258	75.8	5882
97.0	5155	97.0	4938	97.0	4636
100.0	4988	100.0	4774	100.0	4481

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	7912	0.0	7580	0.0	7848
33.3	6675	24.2	6844	6.1	7585
75.8	5442	27.3	6394	15.2	7332
97.0	4289	75.8	5213	18.2	6620
100.0	4146	97.0	4108	63.6	6185
		100.0	3971	66.7	5978
				69.7	5398
				97.0	4254
				100.0	4112

WEEK=34 (20 MAY-26 MAY)		WEEK=35 (27 MAY- 2 JUN)		WEEK=36 (3 JUN- 9 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	7460	0.0	7134	0.0	6781
12.1	6970	12.1	6896	9.1	6554
15.2	6737	15.2	6665	15.2	6335
21.2	6294	18.2	6442	27.3	5720
51.5	6083	21.2	6018	66.7	5529
54.5	5880	57.6	5817	69.7	4825
60.6	5683	60.6	5623	72.7	4664
63.6	5309	63.6	5435	97.0	3675
66.7	5132	66.7	4907	100.0	3552
93.9	4960	93.9	4743		
97.0	4044	97.0	3868		
100.0	3909	100.0	3738		

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	6409	0.0	6238	0.0	6175
21.2	5883	15.2	6106	15.2	6044
24.2	5516	24.2	5976	21.2	5916
30.3	5399	30.3	5725	24.2	5790
72.7	5285	39.4	5368	39.4	5668
75.8	4955	42.4	5254	48.5	5547
78.8	4548	78.8	5143	51.5	5430
81.8	4357	81.8	4822	54.5	5202
100.0	4265	87.9	4240	84.8	5091
		100.0	4150	87.9	4198
				100.0	4109

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	6049	0.0	6025	0.0	6084
21.2	5918	15.2	5897	9.1	5955
27.3	5790	30.3	5772	18.2	5829
30.3	5664	33.3	5650	27.3	5705
33.3	5541	36.4	5530	30.3	5584
42.4	5076	42.4	5413	39.4	5465
93.9	4076	45.5	5075	42.4	5350
100.0	3988	90.9	4968	51.5	5125
		93.9	4096	84.8	5016
		100.0	4009	87.9	4704
				90.9	4136
				100.0	4048

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	6192	0.0	6577	0.0	8198
6.1	6061	9.1	6299	3.0	6767
12.1	5932	18.2	6165	6.1	6554
21.2	5683	27.3	6034	9.1	6347
33.3	5563	36.4	5905	18.2	6147
36.4	5445	42.4	5657	36.4	5954
42.4	5329	45.5	5536	45.5	5766
48.5	5216	81.8	5190	81.8	5585
84.8	5105	84.8	5079	87.9	5 74
87.9	4997	87.9	4865	90.9	4610
90.9	4209	90.9	4464	100.0	4465
100.0	4120	100.0	4369		

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	20305	0.0	30834	0.0	20668
6.1	14856	3.0	25041	6.1	19075
9.1	7354	6.1	22567	9.1	17605
12.1	6802	9.1	20337	12.1	13840
18.2	6291	12.1	16516	15.2	12774
57.6	5818	15.2	7185	18.2	11789
90.9	4976	27.3	6475	21.2	10881
100.0	4602	81.8	5835	24.2	9268
		84.8	5259	27.3	7895
		97.0	4739	30.3	7287
		100.0	4271	36.4	6725
				81.8	6207
				84.8	5287
				97.0	4880
				100.0	4503

TABLE 37 (Continued)
FLOW-DURATION DATA AT WATANA DAMSITE FOR LATE STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	23535
3.0	20113
9.1	18593
12.1	15890
15.2	13580
18.2	11606
24.2	9918
27.3	9169
33.3	7836
36.4	7244
51.5	6697
81.8	5723
100.0	5291

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	16062
9.1	14386
15.2	12884
21.2	12193
27.3	10921
30.3	10335
33.3	9256
36.4	7425
60.6	7027
69.7	6650
75.8	6293
81.8	5956
100.0	5636

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	15653
6.1	12416
9.1	11717
15.2	10435
24.2	9848
30.3	9294
33.3	8277
36.4	7812
42.4	7372
69.7	6957
75.8	6566
78.8	5847
97.0	5518
100.0	5208

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE 1/ (CFS)	DISCHARGE 2/ (CFS)
0.0	16243	18564
3.0	12849	14684
6.1	10777	12316
9.1	10163	11615
18.2	9039	10330
21.2	8524	9742
27.3	8039	9188
45.5	7582	8665
66.7	7150	8171
69.7	6743	7706
72.7	5997	6854
97.0	5656	6464
100.0	5334	6096

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

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

TABLE 38
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13648	0.0	9809	0.0	10165
3.0	10304	15.2	9528	15.2	9760
6.1	9833	42.4	9256	33.3	9371
12.1	9383	48.5	8734	36.4	8997
36.4	8954	54.5	8241	45.5	8639
54.5	8544	60.6	8006	63.6	8294
60.6	8153	63.6	7554	66.7	7646
63.6	7780	69.7	7338	69.7	7342
69.7	7084	72.7	7128	78.8	7049
75.8	6760	78.8	6924	84.8	4888
81.8	6451	81.8	6726	100.0	4693
84.8	5874	84.8	5818		
100.0	5605	100.0	5651		

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10287	0.0	10427	0.0	10833
15.2	9752	3.0	9713	3.0	10110
18.2	9245	60.6	9047	66.7	8218
54.5	8764	66.7	7850	84.8	7670
66.7	7875	84.8	7312	90.9	3589
69.7	7466	87.9	4448	93.9	3126
81.8	7077	90.9	3119	100.0	2917
87.9	3932	93.9	2905		
100.0	3727	100.0	2706		

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11194	0.0	11755	0.0	12165
3.0	10432	15.2	10928	27.3	11290
66.7	8444	69.7	9780	69.7	9024
97.0	3147	97.0	3163	97.0	3172
100.0	2933	100.0	2940	100.0	2944

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	12857	0.0	13047	0.0	12593
36.4	11638	33.3	12112	33.3	11854
69.7	9536	54.5	11669	36.4	11501
97.0	2141	69.7	9688	69.7	9593
100.0	1938	90.9	9335	72.7	9308
		97.0	6678	90.9	9031
		100.0	6435	97.0	7309
				100.0	7091

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=13 (24 DEC-30 DEC)		WEEK=14 (31 DEC- 6 JAN)		WEEK=15 (7 JAN-13 JAN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11915	0.0	11593	0.0	11578
36.4	10878	42.4	10578	42.4	10565
66.7	10553	60.6	10260	60.6	10247
69.7	8796	72.7	8542	72.7	8533
90.9	8534	87.9	8285	84.8	8276
97.0	6901	97.0	6691	97.0	6684
100.0	6694	100.0	6490	100.0	6484

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11566	0.0	11550	0.0	11490
42.4	10554	42.4	10538	42.4	10487
63.6	10238	60.6	10220	66.7	10172
72.7	8526	69.7	8508	72.7	8474
87.9	8270	84.8	8252	84.8	8220
97.0	6680	97.0	6662	97.0	6643
100.0	6480	100.0	6462	100.0	6444

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=19 (4 FEB-10 FEB)		WEEK=20 (11 FEB-17 FEB)		WEEK=21 (18 FEB-24 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11541	0.0	11448	0.0	11400
39.4	10524	33.3	10446	33.3	10400
57.6	10206	69.7	10132	66.7	10086
75.8	8487	75.8	8435	75.8	8393
81.8	8230	81.8	8181	81.8	8140
97.0	6637	97.0	6606	97.0	6570
100.0	6437	100.0	6408	100.0	6372

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11270	0.0	10740	0.0	10389
33.3	10280	33.3	9787	33.3	9461
54.5	9969	48.5	9488	39.4	9170
75.8	8294	75.8	7879	75.8	7604
81.8	8043	81.8	7639	81.8	7370
97.0	6490	97.0	6150	97.0	5923
100.0	6294	100.0	5962	100.0	5741

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=25 (18 MAR-24 MAR)		WEEK=26 (25 MAR-31 MAR)		WEEK=27 (1 APR- 7 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10079	0.0	9885	0.0	9759
33.3	8879	33.3	8696	33.3	8550
75.8	7341	75.8	7175	72.7	8272
81.8	7112	78.8	6949	75.8	7012
97.0	5697	97.0	5553	78.8	6784
100.0	5519	100.0	5378	97.0	5383
				100.0	5208

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9502	0.0	9259	0.0	9035
33.3	8312	33.3	8072	21.2	8714
57.6	8039	39.4	7800	33.3	7540
75.8	6802	75.8	6571	51.5	7273
78.8	6578	78.8	6350	75.8	6069
97.0	5206	93.9	6136	90.9	5854
100.0	5035	97.0	4995	97.0	4712
		100.0	4826	100.0	4544

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=31
(29 APR- 5 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	8910
3.0	8579
27.3	8261
36.4	7955
39.4	7660
42.4	7375
51.5	7102
60.6	6838
75.8	6105
78.8	5879
84.8	5661
97.0	4512
100.0	4345

WEEK=32
(6 MAY-12 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	9968
3.0	9554
6.1	9157
18.2	8777
30.3	8413
33.3	8064
42.4	7408
51.5	7100
63.6	6806
72.7	6523
78.8	6252
81.8	5993
87.9	5744
90.9	5505
97.0	4646
100.0	4454

WEEK=33
(13 MAY-19 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	10563
6.1	9843
12.1	9502
15.2	9173
33.3	8855
42.4	8548
51.5	8251
54.5	7965
63.6	7689
72.7	7423
78.8	6917
84.8	6446
87.9	6222
90.9	6007
93.9	5799
97.0	5598
100.0	5404

WEEK=34
(20 MAY-26 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	11424
3.0	10953
9.1	10502
15.2	10069
21.2	9653
27.3	9255
45.5	8874
66.7	8508
69.7	8157
75.8	7189
81.8	6893
84.8	6336
87.9	6075
90.9	5824
93.9	5584
97.0	5354
100.0	5133

WEEK=35
(27 MAY- 2 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	12042
3.0	10780
12.1	10390
15.2	10014
18.2	9651
45.5	9301
57.6	8964
75.8	7734
78.8	7184
84.8	6924
87.9	6673
90.9	6199
100.0	5974

WEEK=36
(3 JUN- 9 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	11297
6.1	10481
9.1	9723
15.2	9483
33.3	9249
39.4	9021
45.5	8798
48.5	8581
57.6	8369
69.7	8162
75.8	7961
84.8	7764
93.9	7572
97.0	7203
100.0	7025

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=37 (10 JUN-16 JUN)		WEEK=38 (17 JUN-23 JUN)		WEEK=39 (24 JUN-30 JUN)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11050	0.0	10440	0.0	9796
3.0	10762	6.1	10196	3.0	9645
6.1	10481	12.1	9957	6.1	9351
9.1	10208	15.2	9724	12.1	9207
18.2	9942	21.2	9496	21.2	9066
21.2	9682	33.3	9274	36.4	8927
27.3	9430	42.4	9057	51.5	8654
30.3	8944	48.5	8637	54.5	8521
51.5	8711	63.6	8435	63.6	8390
60.6	8484	69.7	8238	69.7	8261
75.8	8263	75.8	8045	72.7	8009
78.8	8047	81.8	7856	81.8	7886
87.9	7837	87.9	7493	90.9	7646
93.9	7434	97.0	6815	93.9	7413
97.0	6867	100.0	6655	100.0	7299
100.0	6688				

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	8784	0.0	9227	0.0	9465
3.0	8678	3.0	8734	3.0	9132
12.1	8469	9.1	8575	6.1	8810
15.2	8367	15.2	8419	12.1	8653
24.2	8266	27.3	8266	24.2	8348
39.4	8166	39.4	8116	36.4	8200
45.5	8067	60.6	7969	51.5	8054
57.6	7970	78.8	7824	72.7	7911
69.7	7873	87.9	7271	75.8	7770
78.8	7778	90.9	7139	81.8	7632
84.8	7409	93.9	6882	84.8	7496
87.9	7319	97.0	6634	87.9	7363
93.9	7057	100.0	6513	90.9	7104
100.0	6972			93.9	6977
				97.0	6853
				100.0	6731

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=43 (22 JUL-28 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9164	0.0	9737	0.0	9586
3.0	9013	3.0	9548	6.1	9245
6.1	8719	9.1	9182	12.1	8916
15.2	8575	15.2	9004	18.2	8756
21.2	8434	21.2	8658	24.2	8599
24.2	8295	24.2	8491	36.4	8445
39.4	8159	42.4	8326	48.5	8293
48.5	8025	57.6	8165	66.7	8145
60.6	7892	60.6	8007	69.7	7999
75.8	7763	69.7	7852	72.7	7855
81.8	7635	72.7	7700	81.8	7714
84.8	7509	84.8	7550	84.8	7306
87.9	7385	87.9	7404	90.9	7047
90.9	7144	93.9	7120	97.0	6920
93.9	7027	97.0	6847	100.0	6796
97.0	6797	100.0	6714		
100.0	6685				

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	23980	0.0	35577	0.0	23856
3.0	22455	3.0	29950	3.0	22377
6.1	21027	6.1	23134	6.1	19688
9.1	13275	12.1	19475	12.1	17322
12.1	9557	15.2	11619	15.2	13409
21.2	8950	18.2	9781	18.2	11066
48.5	8380	21.2	8975	21.2	9737
84.8	7848	63.6	8234	27.3	9133
90.9	7348	87.9	7555	54.5	8567
100.0	6881	100.0	6932	75.8	8036
				87.9	7537
				100.0	7070

TABLE 38 (Continued)
FLOW-DURATION DATA AT DEVIL CANYON FOR LATE STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	27062
3.0	23170
9.1	18356
12.1	16985
15.2	14542
21.2	13456
24.2	12451
27.3	11521
30.3	10660
36.4	9864
45.5	9127
51.5	8445
66.7	7814
84.8	7231
93.9	6691
100.0	6191

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	20121
3.0	18626
6.1	17241
9.1	15960
12.1	14774
21.2	13676
30.3	10847
36.4	10041
39.4	9295
57.6	8604
69.7	6825
84.8	6317
93.9	5848
97.0	5011
100.0	4638

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	19608
3.0	18215
6.1	13567
12.1	12603
15.2	11708
27.3	10877
33.3	10104
39.4	9387
57.6	8720
69.7	8101
72.7	7526
75.8	6495
81.8	6033
84.8	5605
97.0	5207
100.0	4837

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE[1] (CFS)	DISCHARGE[2] (CFS)
0.0	18508	21151
3.0	15159	17324
6.1	13270	15166
9.1	11616	13276
18.2	10169	11622
21.2	9514	10874
48.5	8902	10174
66.7	8329	9519
75.8	7793	8906
78.8	6822	7796
84.8	5972	6825
93.9	5587	6386
100.0	5228	5975

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

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

TABLE 39

FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

WEEK= 1
(1 OCT- 7 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	15101
3.0	10744
15.2	10234
36.4	9748
48.5	9285
63.6	8845
69.7	8425
72.7	8025
75.8	7281
81.8	6936
84.8	6293
100.0	5994

WEEK= 2
(8 OCT-14 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	10721
15.2	10398
21.2	10084
36.4	9780
48.5	9200
57.6	8654
60.6	8393
63.6	8140
72.7	7895
75.8	7426
81.8	7202
84.8	6180
100.0	5994

WEEK= 3
(15 OCT-21 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	11016
12.1	10567
24.2	10136
39.4	9723
42.4	9326
54.5	8946
63.6	8581
69.7	8231
72.7	7896
75.8	7574
81.8	7265
84.8	5207
100.0	4995

WEEK= 4
(22 OCT-28 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	11257
9.1	10660
21.2	10095
27.3	9559
48.5	9052
66.7	8117
75.8	7686
81.8	7278
87.9	4220
100.0	3996

WEEK= 5
(29 OCT- 4 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	11305
6.1	10542
15.2	9831
66.7	8549
72.7	7972
84.8	7434
87.9	4250
90.9	3214
100.0	2997

WEEK= 6
(5 NOV-11 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	11602
6.1	10804
21.2	10061
66.7	8725
75.8	8125
90.9	3711
93.9	3456
97.0	3218
100.0	2997

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	11879	0.0	12179	0.0	12606
6.1	11048	15.2	11313	27.3	11688
36.4	10276	63.6	10508	66.7	10837
69.7	8889	69.7	9066	69.7	9316
81.8	8268	87.9	8421	97.0	3232
97.0	3222	97.0	3227	100.0	2997
100.0	2997	100.0	2997		

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13371	0.0	13493	0.0	12936
33.3	12098	18.2	12983	24.2	12538
69.7	9904	33.3	12493	33.3	11779
97.0	2208	36.4	12021	60.6	11417
100.0	1998	69.7	9916	[illegible].7	9767
		78.8	9541	78.8	9467
		97.0	6747	90.9	9176
		100.0	6493	97.0	7375
				100.0	7148

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	12182	0.0	11821	0.0	11790
30.3	11810	33.3	10771	33.3	10746
33.3	11448	51.5	10442	51.5	10418
36.4	11098	72.7	8670	69.7	8654
60.6	10759	87.9	8406	81.8	8391
72.7	9211	97.0	6766	97.0	6758
75.8	8929	100.0	6559	100.0	6552
90.9	8656				
97.0	6964				
100.0	6751				

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11758	0.0	11727	0.0	11673
33.3	11055	33.3	11025	33.3	10977
36.4	10719	36.4	10690	36.4	10644
54.5	10394	54.5	10366	57.6	10322
69.7	8638	66.7	8615	72.7	8583
84.8	8376	81.8	8353	81.8	8323
97.0	6750	97.0	6731	97.0	6712
100.0	6545	100.0	6526	100.0	6508

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	11764	0.0	11602	0.0	11542
27.3	10711	27.3	10578	27.3	10523
42.4	10382	48.5	10258	48.5	10204
72.7	8607	72.7	8528	72.7	8482
81.8	8342	81.8	8269	81.8	8225
97.0	6704	97.0	6667	97.0	6630
100.0	6498	100.0	6465	100.0	6429

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11382	0.0	10824	0.0	10461
27.3	10381	27.3	9865	27.3	9530
48.5	10067	48.5	9564	42.4	9238
72.7	8373	72.7	7944	72.7	7666
81.8	8119	81.8	7702	81.8	7431
97.0	6549	97.0	6203	97.0	5977
100.0	6351	100.0	6014	100.0	5794

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	10111	0.0	9909	0.0	9866
27.3	9204	27.3	9012	27.3	9231
39.4	8920	30.3	8731	30.3	8930
72.7	7391	72.7	7222	33.3	8638
81.8	7163	81.8	6997	60.6	8355
97.0	5752	97.0	5607	72.7	7076
100.0	5574	100.0	5433	81.8	6845
				97.0	5424
				100.0	5247

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	9610	0.0	9461	0.0	9262
27.3	8986	24.2	9137	18.2	8928
30.3	8402	27.3	8824	27.3	8605
60.6	8125	30.3	8521	30.3	8294
72.7	6869	33.3	8229	33.3	7995
81.8	6642	48.5	7947	36.4	7706
97.0	5251	72.7	6675	60.6	7428
100.0	5078	84.8	6446	72.7	6652
		93.9	6225	75.8	6411
		97.0	5049	81.8	6180
		100.0	4876	90.9	5957
				97.0	4777
				100.0	4604

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	10720	0.0	12386	0.0	12210
3.0	9332	3.0	10623	9.1	11329
9.1	8910	9.1	10093	12.1	10913
24.2	8508	12.1	9590	24.2	10125
36.4	8124	24.2	9111	30.3	9753
39.4	7757	33.3	8657	42.4	9395
48.5	7406	39.4	8225	48.5	9049
54.5	7072	45.5	7815	54.5	8717
72.7	6752	51.5	7425	63.6	8396
75.8	6447	60.6	7054	69.7	8088
78.8	6156	72.7	6702	75.8	7790
84.8	5878	81.8	6368	81.8	7504
93.9	5613	87.9	6050	84.8	7228
97.0	4665	90.9	5748	87.9	6963
100.0	4455	97.0	4930	90.9	6707
		100.0	4684	93.9	6460
				97.0	6223
				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	14346	0.0	17155	0.0	14675
3.0	13722	6.1	14755	3.0	12912
9.1	13125	9.1	13344	12.1	12112
12.1	12554	15.2	12691	15.2	11362
15.2	12008	21.2	12069	27.3	11004
24.2	11486	33.3	11477	33.3	10658
27.3	10986	51.5	10915	48.5	10322
36.4	10508	63.6	10380	57.6	9997
51.5	10051	72.7	9872	60.6	9683
57.6	9614	75.8	9388	63.6	9378
66.7	8795	78.8	8074	72.7	9083
72.7	8413	87.9	7679	90.9	8520
75.8	8047	93.9	6945	93.9	8252
84.8	7362	100.0	6604	100.0	7992
87.9	7041				
90.9	6735				
93.9	6442				
100.0	6162				

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	13736	0.0	13730	0.0	12564
3.0	13350	3.0	12970	3.0	11979
6.1	12610	9.1	12605	6.1	11698
21.2	11911	15.2	11907	15.2	11154
24.2	11577	24.2	11573	27.3	10891
33.3	11251	27.3	11248	45.5	10635
39.4	10935	36.4	10932	51.5	10385
51.5	10329	42.4	10625	54.5	10140
57.6	10039	51.5	10327	60.6	9441
63.6	9757	57.6	10037	63.6	9219
69.7	9483	60.6	9481	69.7	9002
75.8	9216	63.6	9215	93.9	8185
90.9	8461	90.9	8223	100.0	7992
93.9	8223	100.0	7992		
100.0	7992				

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11009	0.0	12114	0.0	13325
3.0	10466	6.1	10623	3.0	11966
6.1	10291	9.1	10393	6.1	11038
18.2	10119	12.1	10168	9.1	10745
24.2	9784	24.2	9948	15.2	10459
30.3	9620	27.3	9732	24.2	9911
33.3	9459	30.3	9522	30.3	9648
39.4	9301	33.3	9315	33.3	9392
45.5	9146	42.4	9114	39.4	9143
90.9	8993	90.9	8169	90.9	8664
93.9	8128	100.0	7992	93.9	8210
100.0	7992			100.0	7992

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

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	12613	0.0	12280	0.0	11677
3.0	11458	3.0	12006	3.0	11446
6.1	11186	6.1	11737	6.1	11220
9.1	10661	9.1	11218	12.1	10568
12.1	10408	15.2	10968	15.2	10359
18.2	9920	21.2	10483	21.2	10154
21.2	9685	24.2	10248	24.2	9954
33.3	9231	27.3	10019	27.3	9757
45.5	9012	36.4	9576	30.3	9564
90.9	8385	42.4	9362	45.5	9190
93.9	8186	48.5	9153	51.5	9009
100.0	7992	93.9	8175	90.9	8485
		100.0	7992	93.9	8153
				100.0	7992

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	26026	0.0	37066	0.0	24996
3.0	24458	3.0	31538	3.0	23540
6.1	22984	6.1	24753	6.1	20878
9.1	16846	9.1	22833	9.1	19661
12.1	11603	12.1	21062	15.2	18516
15.2	10904	15.2	15248	18.2	13716
21.2	10247	18.2	11039	27.3	10789
30.3	9630	21.2	10183	30.3	10160
48.5	9050	48.5	9393	48.5	9569
90.9	8504	90.9	8664	60.6	9011
100.0	7992	100.0	7992	90.9	8486
				100.0	7992

TABLE 39 (Continued)
FLOW-DURATION DATA AT GOLD CREEK FOR LATE STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	29100
6.1	23729
12.1	18077
15.2	16888
21.2	15778
24.2	13771
27.3	12866
30.3	12020
39.4	11229
48.5	10491
54.5	9801
60.6	9157
66.7	8555
100.0	7992

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	22451
3.0	21115
6.1	18675
9.1	17563
12.1	15534
21.2	14609
30.3	13739
33.3	12151
36.4	11428
45.5	10747
51.5	10107
54.5	9505
69.7	7436
100.0	6993

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	21879
3.0	20438
6.1	19091
9.1	14536
12.1	13579
21.2	12684
33.3	11849
36.4	11068
48.5	10339
54.5	9658
66.7	9022
72.7	8427
75.8	7872
81.8	6417
100.0	5994

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE[1] (CFS)	DISCHARGE[2] (CFS)
0.0	20043	22906
6.1	16565	18931
9.1	14588	16672
12.1	13690	15646
15.2	12848	14683
21.2	12057	13779
24.2	10618	12135
30.3	9964	11388
60.6	9351	10687
72.7	8775	10029
78.8	7728	8832
81.8	7253	8289
84.8	6387	7300
100.0	5994	6850

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

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

TABLE 40
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

WEEK= 1 (1 OCT- 7 OCT)		WEEK= 2 (8 OCT-14 OCT)		WEEK= 3 (15 OCT-21 OCT)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	33220	0.0	27391	0.0	20721
3.0	30061	3.0	26050	9.1	19779
6.1	27202	9.1	22408	12.1	18880
9.1	24615	21.2	21311	30.3	18022
15.2	23416	24.2	20267	33.3	17203
27.3	22274	36.4	19275	45.5	16421
39.4	20156	48.5	18331	60.6	15674
60.6	19174	54.5	17434	69.7	14282
69.7	18239	60.6	16580	75.8	13633
75.8	17350	69.7	15768	81.8	13013
81.8	16505	81.8	14996	84.8	12421
84.8	15700	84.8	14262	87.9	11857
87.9	14935	93.9	13563	90.9	11318
93.9	14207	97.0	11096	93.9	9844
97.0	13515	100.0	10552	97.0	8969
100.0	12856			100.0	8561

WEEK= 4 (22 OCT-28 OCT)		WEEK= 5 (29 OCT- 4 NOV)		WEEK= 6 (5 NOV-11 NOV)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	20333	0.0	16675	0.0	17421
3.0	18290	9.1	15895	3.0	16494
12.1	17347	15.2	15153	6.1	15616
15.2	16452	39.4	14444	18.2	14784
33.3	15604	51.5	13769	39.4	13997
51.5	14799	57.6	13126	54.5	13251
63.6	14036	69.7	12512	66.7	12546
72.7	13312	81.8	11370	81.8	11245
78.8	12626	84.8	10839	84.8	10647
81.8	11975	87.9	8532	90.9	8098
84.8	11357	90.9	7391	93.9	6506
87.9	10771	97.0	7046	100.0	6160
90.9	9189	100.0	6716		
93.9	8716				
97.0	7840				
100.0	7436				

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

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	16511	0.0	16116	0.0	16692
12.1	15599	18.2	15210	12.1	15689
15.2	14737	27.3	14355	27.3	14747
42.4	13923	51.5	13549	51.5	13861
57.6	13154	63.6	12787	69.7	13029
69.7	12427	78.8	12068	78.8	12247
84.8	11092	84.8	11390	81.8	11511
97.0	5937	97.0	5689	97.0	5475
100.0	5609	100.0	5370	100.0	5146

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	17208	0.0	16928	0.0	16017
9.1	15944	3.0	16324	9.1	15550
36.4	14772	12.1	15741	21.2	15096
63.6	13686	36.4	15179	36.4	14655
72.7	12680	42.4	14637	51.5	14228
81.8	11748	60.6	14114	60.6	13813
97.0	4355	63.6	13610	66.7	13410
100.0	4035	69.7	13124	69.7	13018
		72.7	12655	72.7	12639
		81.8	12204	75.8	12270
		87.9	11768	81.8	11912
		97.0	8798	90.9	11227
		100.0	8484	97.0	9399
				100.0	9125

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

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	15209	0.0	14701	0.0	14324
9.1	14768	9.1	14274	12.1	13922
18.2	14339	27.3	13860	30.3	13531
36.4	13923	33.3	13458	36.4	13151
42.4	13519	42.4	13068	48.5	12782
63.6	13127	48.5	12689	57.6	12423
66.7	12746	63.6	12320	66.7	12074
69.7	12376	69.7	11963	69.7	11085
72.7	12017	72.7	11616	75.8	10773
75.8	11668	75.8	10952	87.9	10471
81.8	11329	90.9	10634	93.9	10177
90.9	10681	93.9	10026	97.0	8578
97.0	8951	97.0	8654	100.0	8337
100.0	8691	100.0	8403		

WEEK=16 (14 JAN-20 JAN)		WEEK=17 (21 JAN-27 JAN)		WEEK=18 (28 JAN- 3 FEB)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	14230	0.0	13977	0.0	13782
15.2	13835	24.2	13599	24.2	13416
27.3	13450	30.3	13232	33.3	13061
36.4	13076	42.4	12874	42.4	12714
45.5	12713	48.5	12526	48.5	12377
57.6	12359	57.6	12187	60.6	12049
63.6	12016	63.6	11858	72.7	10534
69.7	11041	66.7	10922	87.9	9983
72.7	10734	72.7	10627	93.9	9718
84.8	10436	81.8	10339	97.0	8496
93.9	10146	87.9	10060	100.0	8271
97.0	8567	93.9	9788		
100.0	8329	97.0	8534		
		100.0	8304		

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

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	13817	0.0	13578	0.0	13414
12.1	13447	21.2	13220	24.2	13059
27.3	13086	30.3	12532	30.3	12713
30.3	12735	45.5	12202	33.3	12376
42.4	12394	60.6	11881	48.5	12048
51.5	12062	72.7	10396	57.6	11729
69.7	11739	75.8	10122	72.7	10256
72.7	10530	87.9	9855	81.8	9984
84.8	10248	93.9	9595	90.9	9719
87.9	9973	97.0	8396	93.9	9462
93.9	9706	100.0	8175	97.0	8273
97.0	8473			100.0	8054
100.0	8246				

WEEK=22 (25 FEB- 3 MAR)		WEEK=23 (4 MAR-10 MAR)		WEEK=24 (11 MAR-17 MAR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	13236	0.0	12806	0.0	12570
15.2	12887	9.1	12462	3.0	12225
27.3	12548	24.2	12127	18.2	11890
33.3	12217	27.3	11801	27.3	11564
48.5	11895	36.4	11483	30.3	11246
60.6	11581	54.5	11175	42.4	10938
72.7	10133	60.6	10874	57.6	10638
78.8	9966	72.7	9751	72.7	9518
87.9	9606	75.8	9489	75.8	9257
93.9	9352	84.8	9234	84.8	9003
97.0	8183	90.9	8986	90.9	8756
100.0	7967	97.0	7841	97.0	7620
		100.0	7630	100.0	7411

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

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	12056	0.0	11757	0.0	11810
6.1	11733	12.1	11445	15.2	11480
21.2	11418	24.2	11141	27.3	10848
24.2	11112	27.3	10845	33.3	10545
33.3	10814	36.4	10557	45.5	10251
39.4	10524	42.4	10276	63.6	9965
57.6	10241	60.6	10003	69.7	9686
72.7	9186	72.7	8982	72.7	8898
75.8	8939	78.8	8744	78.8	8649
81.8	8700	84.8	8512	84.8	8408
90.9	8466	87.9	8286	87.9	8173
97.0	7390	97.0	7242	97.0	7094
100.0	7192	100.0	7050	100.0	6896

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	11553	0.0	12089	0.0	12822
15.2	11240	3.0	11401	3.0	12436
27.3	10640	18.2	11072	6.1	12061
33.3	10352	24.2	10752	12.1	11698
39.4	10072	30.3	10441	15.2	11346
54.5	9799	39.4	10140	21.2	11004
69.7	9534	48.5	9847	33.3	10673
72.7	8780	57.6	9562	39.4	10039
75.8	8543	66.7	9286	42.4	9737
81.8	8312	72.7	9018	51.5	9444
87.9	8087	75.8	8757	72.7	9159
97.0	7050	78.8	8259	78.8	8884
100.0	6859	87.9	8020	84.8	8105
		93.9	7789	93.9	7861
		97.0	7133	97.0	7395
		100.0	6927	100.0	7172

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

WEEK=31 (29 APR- 5 MAY)		WEEK=32 (6 MAY-12 MAY)		WEEK=33 (13 MAY-19 MAY)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	20419	0.0	33133	0.0	44551
3.0	18439	3.0	30950	3.0	38483
6.1	17521	9.1	28911	6.1	33243
9.1	15822	12.1	25226	12.1	30896
12.1	13576	15.2	22011	15.2	28715
24.2	12901	18.2	20561	27.3	26689
33.3	12259	24.2	19206	42.4	24805
39.4	11649	30.3	17940	48.5	23054
51.5	11070	36.4	16758	57.6	21427
60.6	10519	42.4	15654	63.6	19914
69.7	9996	54.5	14622	69.7	18509
81.8	9499	57.6	13659	75.8	17202
87.9	8577	66.7	12759	81.8	15988
93.9	8151	75.8	11133	87.9	14860
100.0	7745	84.8	10399	90.9	13811
		97.0	9714	93.9	11930
		100.0	9074	100.0	11088

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	54400	0.0	51153	0.0	97305
3.0	50907	12.1	48768	3.0	66932
6.1	47638	18.2	46493	6.1	62106
9.1	39037	24.2	44325	9.1	53473
15.2	36530	33.3	42258	18.2	49618
24.2	31988	36.4	40287	30.3	46040
36.4	29934	42.4	38409	36.4	42720
39.4	28012	54.5	36618	39.4	39640
69.7	26213	63.6	33282	51.5	36782
75.8	24529	69.7	31730	78.8	31669
78.8	20101	72.7	30250	93.9	29306
87.9	18810	75.8	28839	97.0	25301
90.9	16471	81.8	26212	100.0	23477
100.0	15414	84.8	24990		
		90.9	22713		
		93.9	21654		
		100.0	20644		

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

WEEK=37
(10 JUN-16 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	80568
6.1	68797
12.1	65269
15.2	61922
18.2	58747
24.2	55734
27.3	52876
36.4	50164
39.4	47592
54.5	45151
63.6	42836
66.7	40639
75.8	38555
78.8	36578
84.8	34702
87.9	32922
97.0	31234
100.0	29632

WEEK=38
(17 JUN-23 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	75638
3.0	66719
6.1	63987
9.1	61366
12.1	56442
18.2	54130
21.2	51913
39.4	47748
48.5	45792
63.6	43917
69.7	42118
72.7	40393
78.8	38738
84.8	35630
100.0	34171

WEEK=39
(24 JUN-30 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	76248
3.0	71012
6.1	68530
9.1	61593
12.1	59440
15.2	53423
27.3	51556
36.4	49754
51.5	48015
66.7	46337
69.7	44718
81.8	43155
84.8	41646
87.9	40191
100.0	38786

WEEK=40
(1 JUL- 7 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	56684
3.0	55395
9.1	54137
15.2	52906
18.2	51704
24.2	49380
27.3	48258
36.4	47161
45.5	46089
60.6	45042
72.7	44018
81.8	42040
84.8	41085
93.9	40151
97.0	37475
100.0	36623

WEEK=41
(8 JUL-14 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	85561
3.0	66125
6.1	63346
9.1	60683
12.1	58132
21.2	55688
27.3	53348
39.4	51105
54.5	48957
57.6	46899
63.6	44927
75.8	43039
90.9	41230
97.0	39496
100.0	37836

WEEK=42
(15 JUL-21 JUL)

PERCENT (%)	DISCHARGE (CFS)
0.0	77113
3.0	71132
9.1	68318
12.1	60525
15.2	58130
21.2	55831
33.3	53622
42.4	51500
51.5	49462
63.6	47505
69.7	45626
78.8	43821
81.8	42087
84.8	40422
90.9	38822
93.9	37286
100.0	35811

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

WEEK=43 (22 JUL-26 JUL)		WEEK=44 (29 JUL- 4 AUG)		WEEK=45 (5 AUG-11 AUG)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	67126	0.0	65763	0.0	75626
3.0	64748	6.1	63397	3.0	63285
6.1	60242	9.1	61116	6.1	60528
12.1	56050	12.1	58917	9.1	57892
24.2	54064	18.2	56797	15.2	55370
30.3	52149	27.3	54753	21.2	52958
42.4	50302	30.3	52783	30.3	50651
54.5	48520	36.4	50884	42.4	48445
60.6	46801	45.5	49053	45.5	46335
66.7	45143	54.5	47288	60.6	44316
72.7	43544	66.7	45587	75.8	42386
75.8	42001	75.8	43947	84.8	40540
87.9	40513	84.8	40841	87.9	38774
90.9	37694	90.9	39372	93.9	35469
97.0	35071	93.9	36589	97.0	33924
100.0	33828	97.0	34004	100.0	32447
		100.0	32780		

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 AUG)		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	95791	0.0	82929	0.0	64023
3.0	81544	9.1	60364	6.1	60010
6.1	64047	15.2	55757	9.1	56249
12.1	59092	18.2	51501	12.1	46321
15.2	54521	27.3	47570	15.2	43418
36.4	50304	39.4	43939	24.2	40696
39.4	46413	60.6	40586	30.3	38146
54.5	42822	63.6	37488	54.5	35755
72.7	39510	84.8	34627	69.7	33514
84.8	36453	87.9	31984	81.8	31413
90.9	33634	97.0	19863	87.9	29444
93.9	31032	100.0	18347	93.9	27599
97.0	22488			97.0	19968
100.0	20748			100.0	18716

TABLE 40 (Continued)
FLOW-DURATION DATA AT SUNSHINE FOR LATE STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	60065
6.1	56657
9.1	50410
12.1	44851
18.2	42306
24.2	39906
30.3	37642
39.4	35506
45.5	33491
60.6	31591
69.7	29798
75.8	28107
84.8	25008
87.9	23589
90.9	22251
97.0	20988
100.0	19797

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	52385
6.1	49362
9.1	46513
15.2	43829
21.2	41299
24.2	36670
30.3	34553
39.4	32559
51.5	30680
63.6	28909
66.7	27241
75.8	25669
81.8	22791
93.9	21476
97.0	17968
100.0	16931

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	57970
3.0	53842
6.1	43140
9.1	40069
12.1	37216
18.2	34566
30.3	32104
33.3	29818
48.5	27695
54.5	25723
66.7	23892
75.8	22190
81.8	20610
90.9	19143
93.9	16514
97.0	15338
100.0	14246

WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE[1] (CFS)	DISCHARGE[2] (CFS)
0.0	67346	76967
3.0	38814	44359
6.1	35408	40466
15.2	32301	36915
27.3	29466	33676
30.3	26881	30721
45.5	24522	28025
57.6	22370	25566
72.7	20407	23322
84.8	16983	19409
93.9	14133	16152
97.0	12893	14734
100.0	11761	13441

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

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

TABLE 41

FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

WEEK= 1
(1 OCT- 7 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	68330
12.1	60850
18.2	54189
21.2	51137
24.2	48256
42.4	42974
45.5	40553
51.5	36114
57.6	34080
69.7	32160
78.8	30349
87.9	27027
97.0	24068
100.0	22712

WEEK= 2
(8 OCT-14 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	83048
3.0	70642
6.1	60089
9.1	55419
15.2	51112
24.2	47140
30.3	43477
42.4	40098
51.5	36982
66.7	34108
75.8	31457
84.8	29013
87.9	26758
90.9	24679
93.9	19361
100.0	17856

WEEK= 3
(15 OCT-21 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	58366
9.1	54908
12.1	48595
15.2	45716
18.2	40459
21.2	38062
33.3	35807
54.5	33686
63.6	31690
72.7	29813
75.8	28046
87.9	26385
90.9	23351
93.9	19442
100.0	18290

WEEK= 4
(22 OCT-28 OCT)

PERCENT (%)	DISCHARGE (CFS)
0.0	50049
6.1	47157
9.1	44432
15.2	39445
18.2	37166
24.2	35018
27.3	32994
36.4	31088
42.4	29291
57.6	27598
78.8	26004
81.8	23085
84.8	21751
87.9	20494
90.9	19310
93.9	18194
97.0	17142
100.0	16152

WEEK= 5
(29 OCT- 4 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	43971
3.0	39377
6.1	35262
9.1	31578
24.2	29883
30.3	28278
36.4	26760
42.4	25324
51.5	23964
63.6	22678
72.7	20308
81.8	19218
90.9	17210
97.0	16286
100.0	15412

WEEK= 6
(5 NOV-11 NOV)

PERCENT (%)	DISCHARGE (CFS)
0.0	44455
3.0	38627
6.1	31287
15.2	29164
24.2	27185
36.4	25341
45.5	23622
57.6	22019
69.7	20525
78.8	19133
87.9	17835
90.9	15497
97.0	12552
100.0	11700

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

WEEK= 7 (12 NOV-18 NOV)		WEEK= 8 (19 NOV-25 NOV)		WEEK= 9 (26 NOV- 2 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	42617	0.0	30719	0.0	29675
3.0	32024	3.0	27187	6.1	28005
6.1	29816	6.1	25577	9.1	26429
9.1	27760	12.1	24061	12.1	24942
18.2	25846	33.3	22636	15.2	23538
30.3	24064	39.4	21295	30.3	22213
39.4	22405	45.5	20034	51.5	20963
48.5	20860	60.6	18847	54.5	19784
63.6	19422	63.6	17730	60.6	18670
75.8	18083	81.8	16680	75.8	17620
84.8	16836	97.0	10234	93.9	15692
97.0	11779	100.0	9627	97.0	10462
100.0	10967			100.0	9873

WEEK=10 (3 DEC- 9 DEC)		WEEK=11 (10 DEC-16 DEC)		WEEK=12 (17 DEC-23 DEC)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	27400	0.0	25826	0.0	23557
3.0	23672	3.0	23687	3.0	21894
12.1	22002	6.1	22685	9.1	21107
33.3	20450	9.1	21726	18.2	20349
57.6	19008	24.2	20807	30.3	19618
63.6	17667	36.4	19926	39.4	18913
81.8	16421	51.5	19083	54.5	18233
93.9	15263	57.6	18276	60.6	17578
97.0	7345	66.7	17503	66.7	16947
100.0	6827	75.8	16763	81.8	16338
		87.9	16054	90.9	15751
		93.9	15374	93.9	14113
		97.0	11862	97.0	12191
		100.0	11361	100.0	11753

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

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	21985	0.0	20983	0.0	20177
3.0	21230	3.0	20374	3.0	19171
6.1	20501	6.1	19209	9.1	18687
12.1	19797	24.2	18652	21.2	18215
18.2	19117	36.4	18110	27.3	17756
33.3	18461	45.5	17585	33.3	17307
42.4	17827	51.5	17075	51.5	16870
51.5	17215	69.7	16579	69.7	16444
66.7	16624	75.8	16098	72.7	16029
78.8	16053	84.8	15177	81.8	15625
90.9	14969	87.9	14737	84.8	15230
93.9	13479	90.9	14309	87.9	14471
97.0	11721	93.9	12719	93.9	13064
100.0	11319	97.0	12350	97.0	12734
		100.0	11992	100.0	12413

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	19736	0.0	19352	0.0	19209
3.0	18407	3.0	18466	3.0	18373
18.2	17984	6.1	18039	9.1	17968
27.3	17571	24.2	17621	15.2	17572
42.4	17168	42.4	17213	30.3	17185
54.5	16773	48.5	16814	39.4	16807
60.6	16388	57.6	16425	57.6	16437
72.7	16012	63.6	16045	63.6	16075
75.8	15644	69.7	15673	75.8	15721
87.9	15285	81.8	15310	81.8	15375
90.9	14591	84.8	14956	84.8	15036
93.9	13928	87.9	14609	87.9	14705
97.0	12991	93.9	13941	97.0	12866
100.0	12692	97.0	12694	100.0	12582
		100.0	12400		

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

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	19118	0.0	18980	0.0	18799
3.0	18713	3.0	18551	9.1	17957
6.1	18316	9.1	18131	12.1	17550
15.2	17928	12.1	17721	13.2	17153
21.2	17548	15.2	17320	27.3	16764
30.3	17176	27.3	16928	42.4	16384
39.4	16812	42.4	16545	45.5	16013
48.5	16456	51.5	16171	63.6	15650
60.6	16107	57.6	15805	72.7	15296
69.7	15766	72.7	15447	78.8	14949
72.7	15431	78.8	15098	81.8	14611
81.8	15104	87.9	13777	87.9	13956
87.9	14471	93.9	13466	90.9	13331
90.9	14164	97.0	12572	97.0	12446
97.0	13001	100.0	12288	100.0	12164
100.0	12725				

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	18922	0.0	18399	0.0	18040
6.1	18048	6.1	16692	3.0	17139
9.1	17215	9.1	16291	6.1	16283
12.1	16813	18.2	15899	9.1	15871
24.2	16420	24.2	15517	18.2	15470
33.3	16037	42.4	15144	21.2	15079
42.4	15662	51.5	14780	30.3	14697
51.5	15297	60.6	14424	45.5	14325
66.7	14939	69.7	14077	57.6	13963
72.7	14590	75.8	13739	66.7	13610
87.9	13917	84.8	13408	75.8	13266
90.9	13274	87.9	13086	84.8	12930
93.9	12366	90.9	12464	87.9	12603
100.0	12077	93.9	11872	90.9	11974
		100.0	11586	93.9	11671
				97.0	11376
				100.0	11088

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

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	17261	0.0	17350	0.0	17926
3.0	16839	3.0	16898	3.0	16477
6.1	15632	6.1	16028	6.1	15577
12.1	15249	9.1	14805	15.2	15146
18.2	14876	27.3	14419	18.2	14726
24.2	14512	30.3	14043	24.2	14318
30.3	14157	42.4	13677	27.3	13922
45.5	13810	48.5	13320	42.4	13536
48.5	13472	66.7	12972	54.5	13161
69.7	13142	81.8	12634	63.6	12797
78.8	12820	84.8	12304	72.7	12442
81.8	12506	87.9	11983	78.8	12098
90.9	11902	90.9	11671	84.8	11763
93.9	11326	93.9	11070	90.9	11437
97.0	11049	97.0	10781	93.9	11120
100.0	10778	100.0	10499	97.0	10812
				100.0	10512

WEEK=28 (8 APR-14 APR)		WEEK=29 (15 APR-21 APR)		WEEK=30 (22 APR-28 APR)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	18397	0.0	19720	0.0	23329
3.0	15827	3.0	17302	3.0	21551
9.1	15358	6.1	16745	6.1	20713
12.1	14902	12.1	16207	9.1	17675
15.2	14460	15.2	14692	15.2	16988
24.2	14032	24.2	14220	18.2	16328
30.3	13616	30.3	13762	24.2	15693
39.4	13212	36.4	13319	30.3	15083
51.5	12820	48.5	12891	36.4	14496
66.7	12440	63.6	12476	48.5	13933
69.7	12071	75.8	11686	66.7	13391
81.8	11366	84.8	11310	69.7	12871
93.9	11029	87.9	10947	75.8	12370
97.0	10702	100.0	10594	84.8	11889
100.0	10385			90.9	11427
				100.0	10983

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

WEEK=31
(29 APR- 5 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	49339
6.1	45115
9.1	41253
12.1	37721
18.2	31539
24.2	28839
33.3	26370
42.4	24112
48.5	20160
54.5	18434
63.6	16856
66.7	15413
72.7	14094
75.8	12887
84.8	11784
93.9	10775
97.0	9852
100.0	9009

WEEK=32
(6 MAY-12 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	94713
6.1	85112
9.1	76484
18.2	68731
21.2	61764
27.3	55503
33.3	44821
45.5	40277
48.5	32525
60.6	29228
63.6	26265
72.7	23603
75.8	21210
90.9	15392
97.0	13832
100.0	12430

WEEK=33
(13 MAY-19 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	85595
12.1	80385
15.2	75492
21.2	70897
24.2	66582
33.3	58724
51.5	55149
60.6	51793
72.7	48640
75.8	45680
78.8	42899
84.8	40288
87.9	37836
93.9	29432
97.0	27640
100.0	25958

WEEK=34
(20 MAY-26 MAY)

PERCENT (%)	DISCHARGE (CFS)
0.0	84594
15.2	80674
18.2	76936
21.2	73372
24.2	69972
36.4	66730
45.5	63638
54.5	60690
69.7	57878
72.7	55196
87.9	52638
93.9	50200
97.0	36014
100.0	34346

WEEK=35
(27 MAY- 2 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	113120
6.1	105183
18.2	97803
27.3	84560
42.4	78627
51.5	73111
57.6	67981
66.7	63211
75.8	58776
84.8	54652
93.9	47252
97.0	30539
100.0	28397

WEEK=36
(3 JUN- 9 JUN)

PERCENT (%)	DISCHARGE (CFS)
0.0	133379
6.1	126305
9.1	119606
15.2	107255
30.3	101566
36.4	96179
45.5	91078
60.6	86248
63.6	81673
66.7	77342
78.8	73240
81.8	69355
84.8	65677
90.9	62193
93.9	58895
97.0	50012
100.0	47360

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

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	147395	0.0	145697	0.0	152735
6.1	137733	3.0	132779	3.0	147474
9.1	128705	6.1	126756	6.1	132755
12.1	112385	9.1	121006	9.1	123768
18.2	105018	18.2	115517	21.2	119505
30.3	98134	21.2	110277	27.3	115389
39.4	91701	30.3	100499	36.4	111414
48.5	85691	45.5	95941	51.5	107577
66.7	80074	63.6	91589	69.7	103872
69.7	74825	75.8	87434	78.8	100294
81.8	69920	78.8	83468	84.8	96840
84.8	65337	84.8	79682	93.9	87174
90.9	61054	87.9	72617	97.0	81273
93.9	57052	93.9	69323	100.0	78473
97.0	43501	97.0	63176		
100.0	40649	100.0	60311		

WEEK=40 (1 JUL- 7 JUL)		WEEK=41 (8 JUL-14 JUL)		WEEK=42 (15 JUL-21 JUL)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DISCHARGE (CFS)
0.0	146073	0.0	168379	0.0	167893
3.0	141653	3.0	149431	3.0	161411
6.1	137367	9.1	143601	9.1	149188
9.1	133210	12.1	137998	15.2	143427
12.1	125271	18.2	132615	18.2	137890
21.2	121480	33.3	127441	21.2	132566
27.3	117804	36.4	122469	27.3	127448
30.3	114240	45.5	117691	30.3	122527
42.4	110783	48.5	113100	36.4	117796
51.5	104180	66.7	108687	45.5	113248
63.6	101028	69.7	104447	57.6	108876
69.7	95006	72.7	100372	72.7	104672
78.8	92132	78.8	96456	78.8	96745
90.9	89344	84.8	92693	81.8	93010
93.9	86640	93.9	89077	87.9	82647
97.0	84019	97.0	82262	100.0	79456
100.0	81476	100.0	79053		

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

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	162655	0.0	176133	0.0	160451
3.0	156153	3.0	150061	3.0	141098
9.1	149912	6.1	144170	9.1	128132
12.1	138167	12.1	133072	18.2	124080
18.2	132644	15.2	127848	27.3	120156
21.2	127342	18.2	122829	30.3	116357
27.3	122252	27.3	118007	33.3	112677
30.3	117366	33.3	113374	45.5	109114
36.4	108171	42.4	108923	54.5	105664
45.5	103847	48.5	104647	63.6	102323
60.6	99696	57.6	100539	69.7	99087
66.7	95711	69.7	96592	78.8	95954
78.8	91885	78.8	92800	81.8	92919
81.8	88213	84.8	89157	87.9	89981
87.9	84687	87.9	85656	100.0	87136
90.9	81302	100.0	82294		
93.9	78052				
100.0	74932				

WEEK=46 (12 AUG-18 AUG)		WEEK=47 (19 AUG-25 [illegible])		WEEK=48 (26 AUG- 1 SEP)	
PERCENT (%)	DISCHARGE (CFS)	PERCENT (%)	DI[illegible]GE	PERCENT (%)	DISCHARGE (CFS)
0.0	182586	0.0	1[illegible]	0.0	115687
6.1	139073	3.0	12[illegible]	3.0	107131
9.1	131703	6.1	122519	6.1	103093
12.1	124725	12.1	117157	9.1	95468
21.2	118116	15.2	112030	12.1	91870
36.4	111857	24.2	107127	21.2	88407
39.4	105929	27.3	102438	24.2	85075
45.5	100316	30.3	97955	30.3	81868
54.5	95001	39.4	93668	39.4	78783
75.8	89967	45.5	89568	45.5	75813
84.8	85199	60.6	85648	48.5	72956
90.9	76409	69.7	81900	60.6	70206
93.9	72361	72.7	78315	66.7	67560
97.0	68526	90.9	74888	75.8	65013
100.0	64895	93.9	68476	81.8	62563
		97.0	59873	93.9	57936
		100.0	57253	100.0	55752

TABLE 41 (Continued)
FLOW-DURATION DATA AT SUSITNA STATION FOR LATE STAGE III

WEEK=49
(2 SEP- 8 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	97555
3.0	93392
9.1	85592
15.2	81939
21.2	78443
27.3	75095
30.3	71891
42.4	68823
48.5	65886
54.5	63075
63.6	60383
72.7	57807
78.8	52978
81.8	50718
84.8	48554
90.9	44498
100.0	42599

WEEK=50
(9 SEP-15 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	95736
9.1	91229
15.2	86935
21.2	82842
27.3	78942
30.3	75226
33.3	71685
39.4	68311
45.5	65095
57.6	62031
60.6	59110
66.7	56328
69.7	53676
78.8	48742
81.8	44261
87.9	42177
90.9	40192
100.0	38300

WEEK=51
(16 SEP-22 SEP)

PERCENT (%)	DISCHARGE (CFS)
0.0	156483
3.0	144752
9.1	105989
12.1	98044
15.2	90694
21.2	83896
36.4	77607
39.4	71789
42.4	66408
51.5	61429
63.6	56825
69.7	52565
78.8	48624
81.8	41608
87.9	38489
100.0	35603

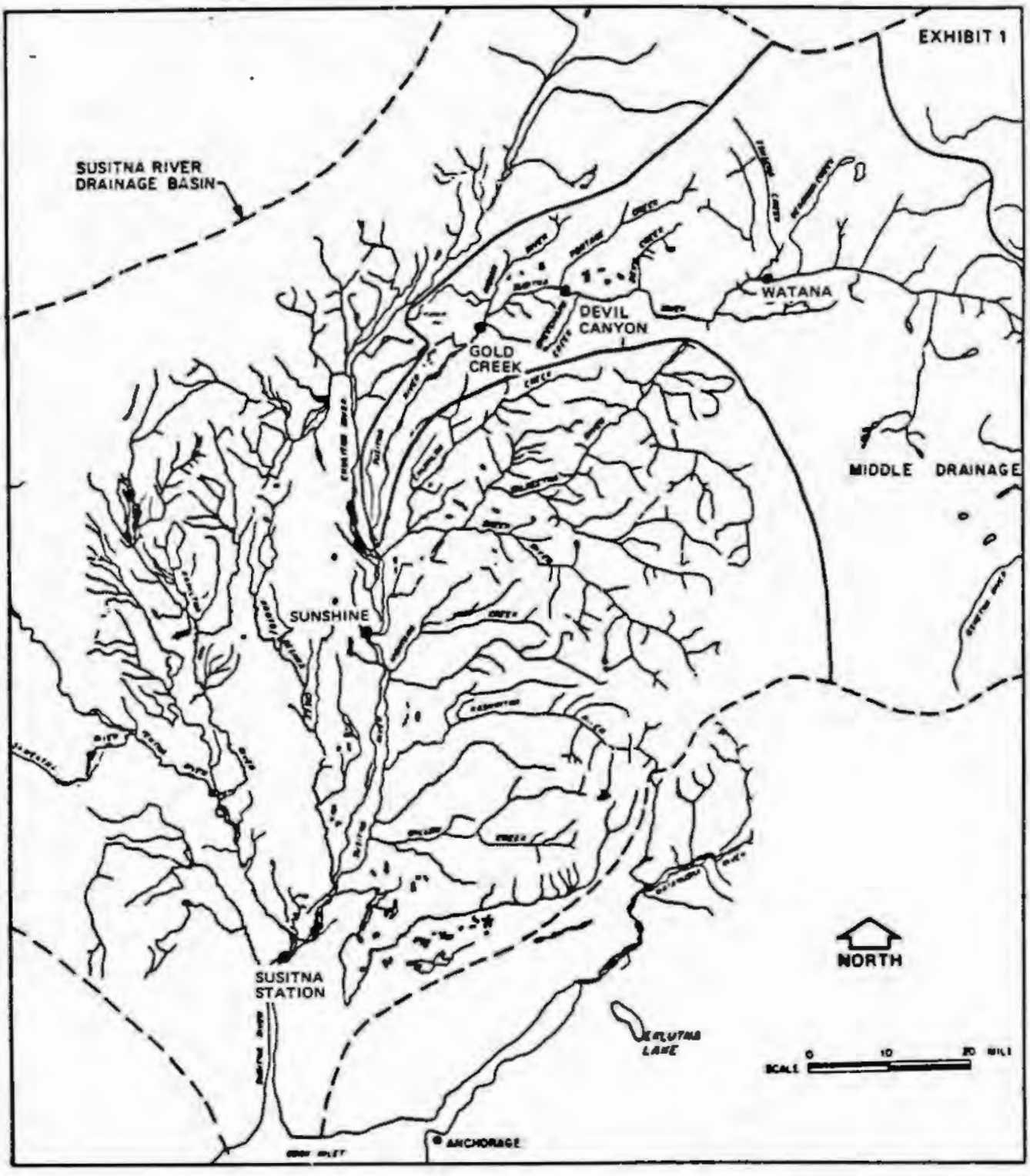
WEEK=52
(23 SEP-30 SEP)

PERCENT (%)	DISCHARGE 1/ (CFS)	DISCHARGE 2/ (CFS)
0.0	100904	115319
9.1	93731	107122
18.2	87069	99507
24.2	80880	92434
30.3	75130	85863
36.4	60221	68824
45.5	55940	63932
51.5	51964	59387
60.6	48270	55166
66.7	44839	51244
69.7	41651	47602
78.8	38691	44218
84.8	35941	41075
87.9	33386	38155
93.9	31013	35443
97.0	26760	30583
100.0	24858	28409

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

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

EXHIBITS



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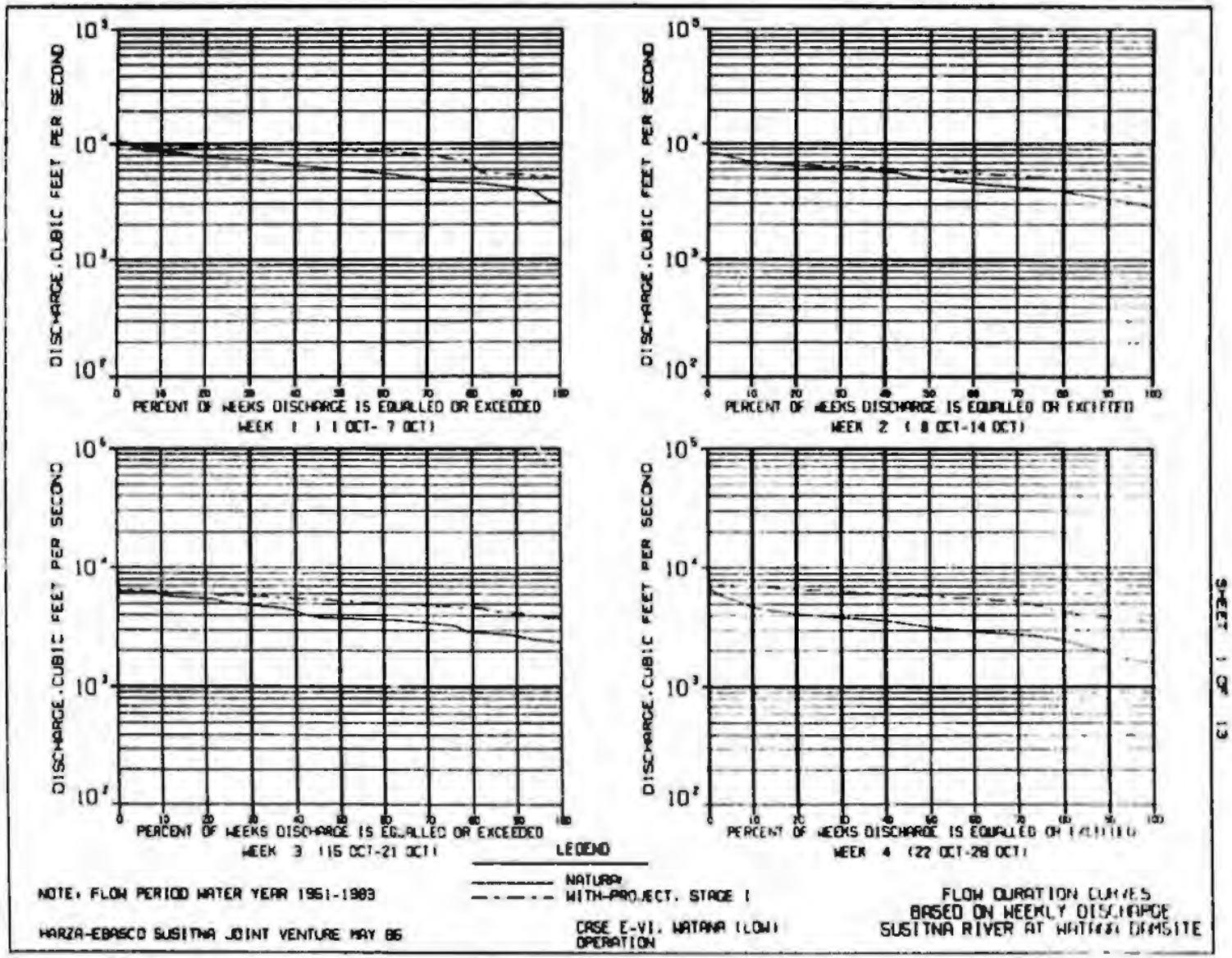

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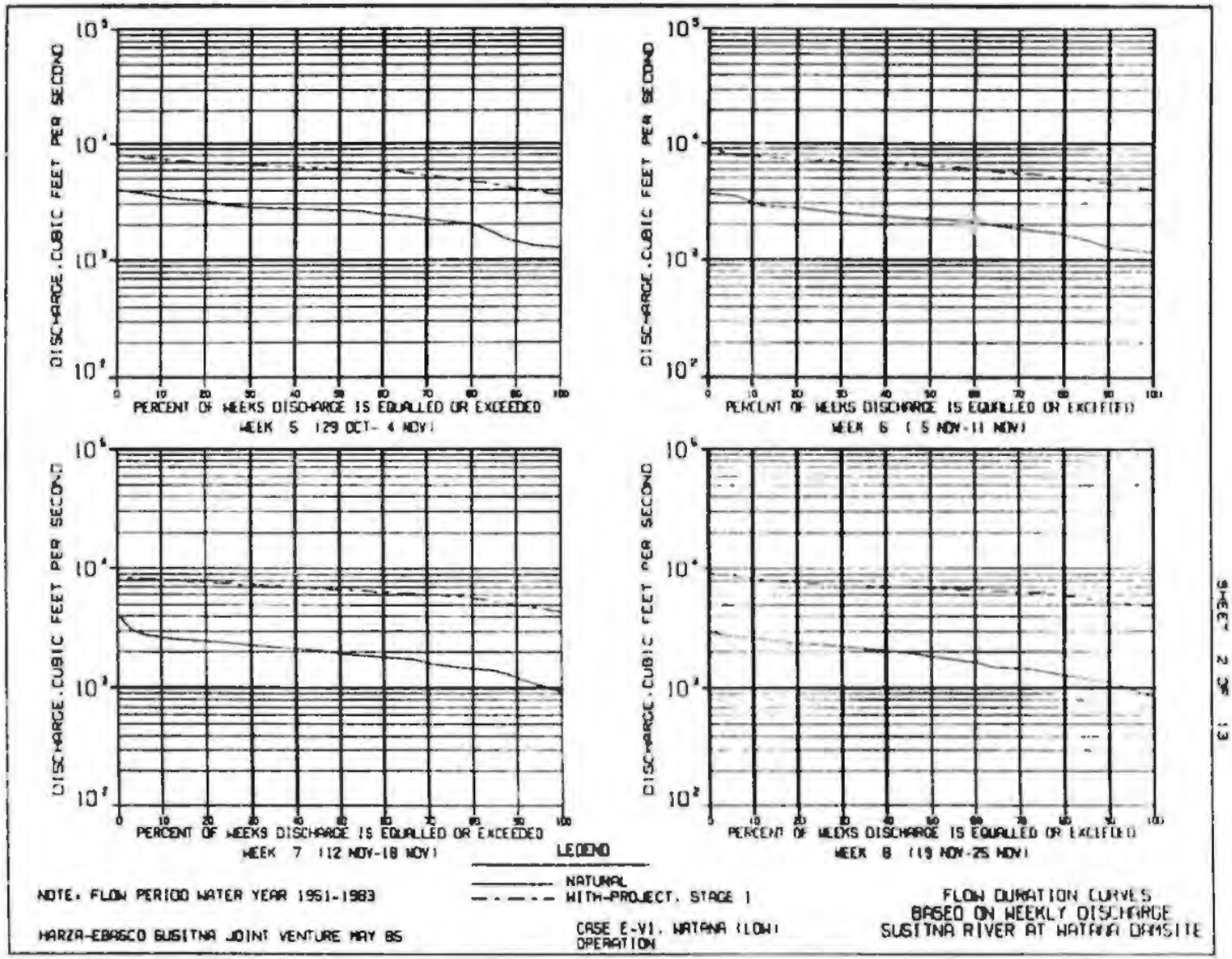

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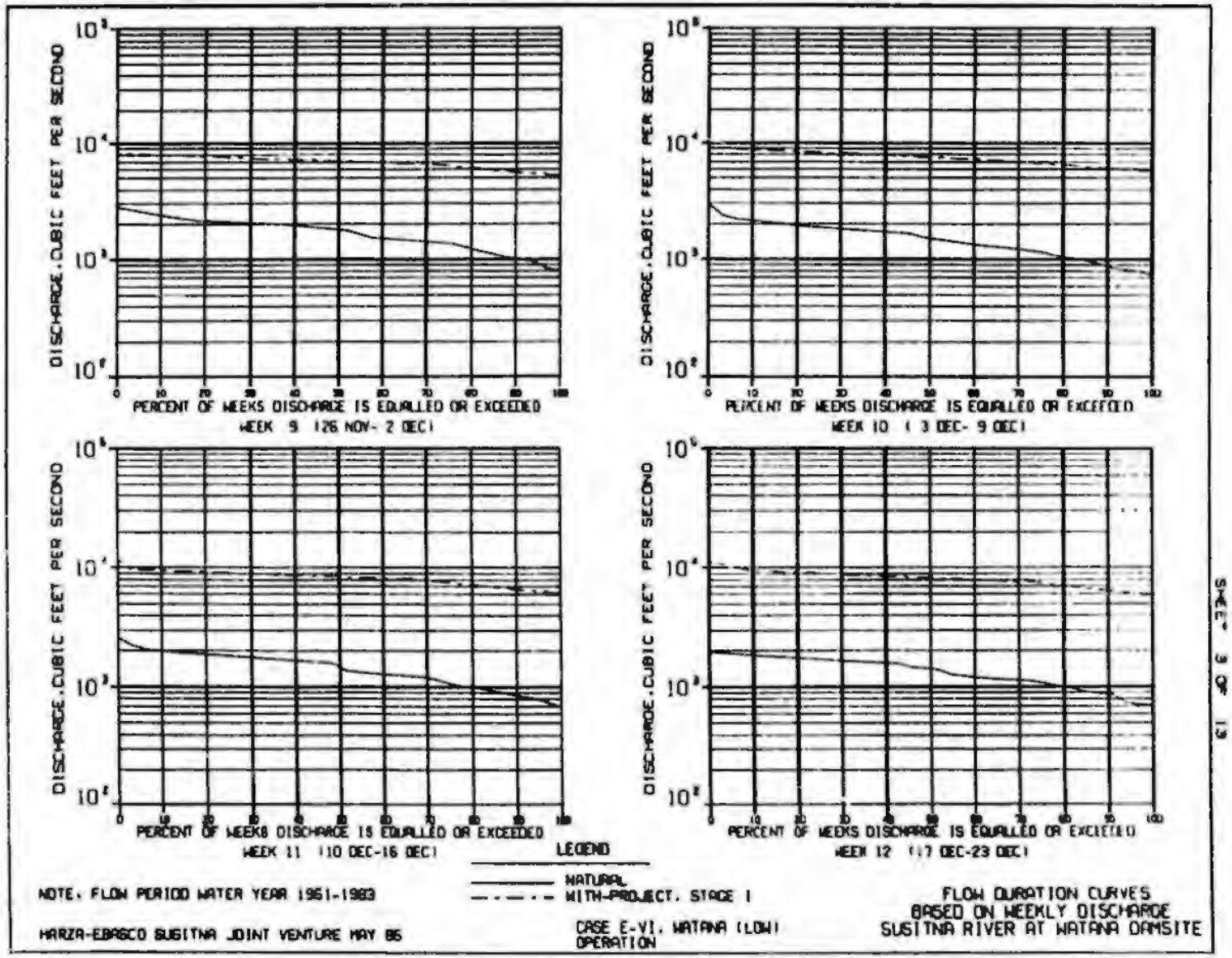

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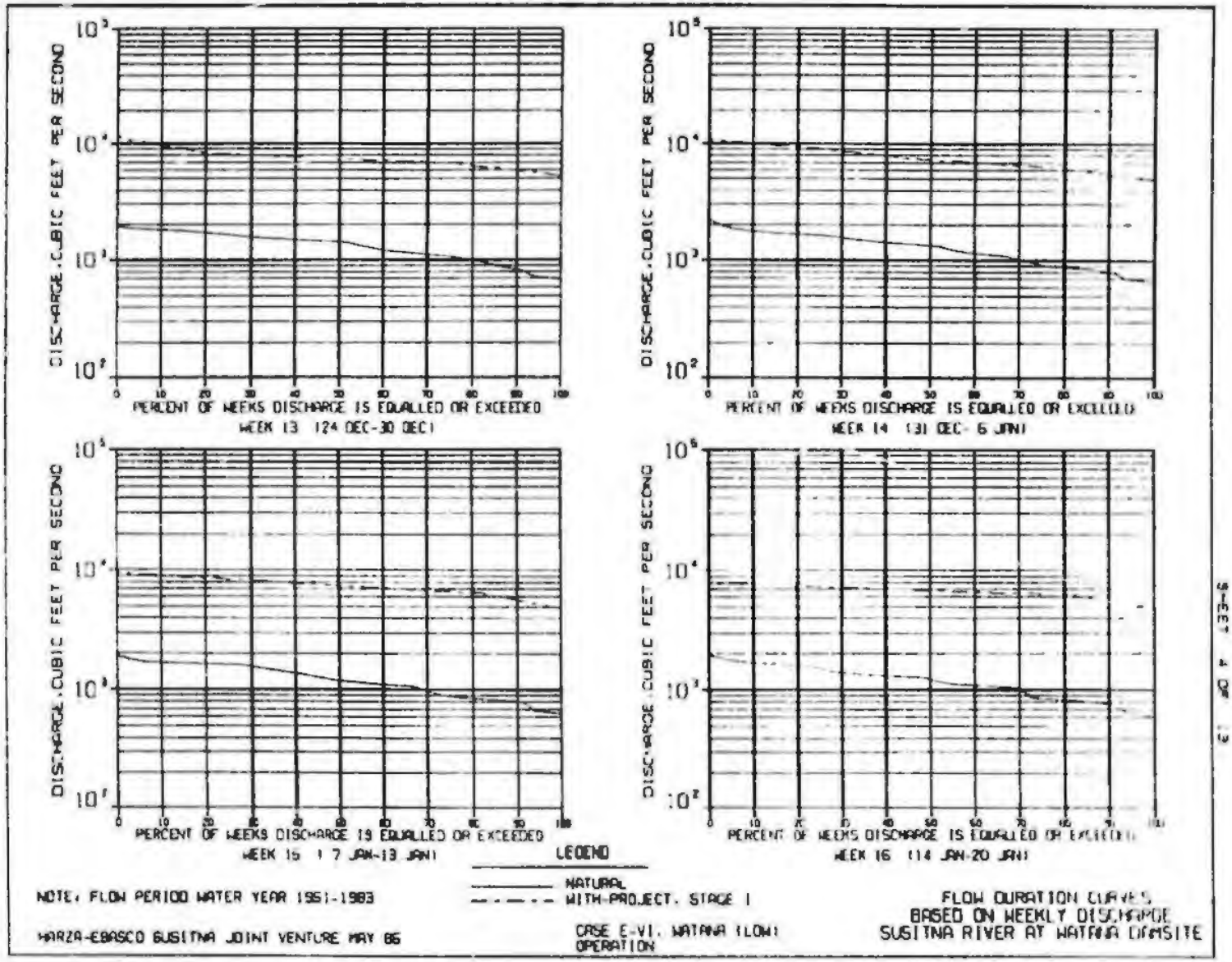

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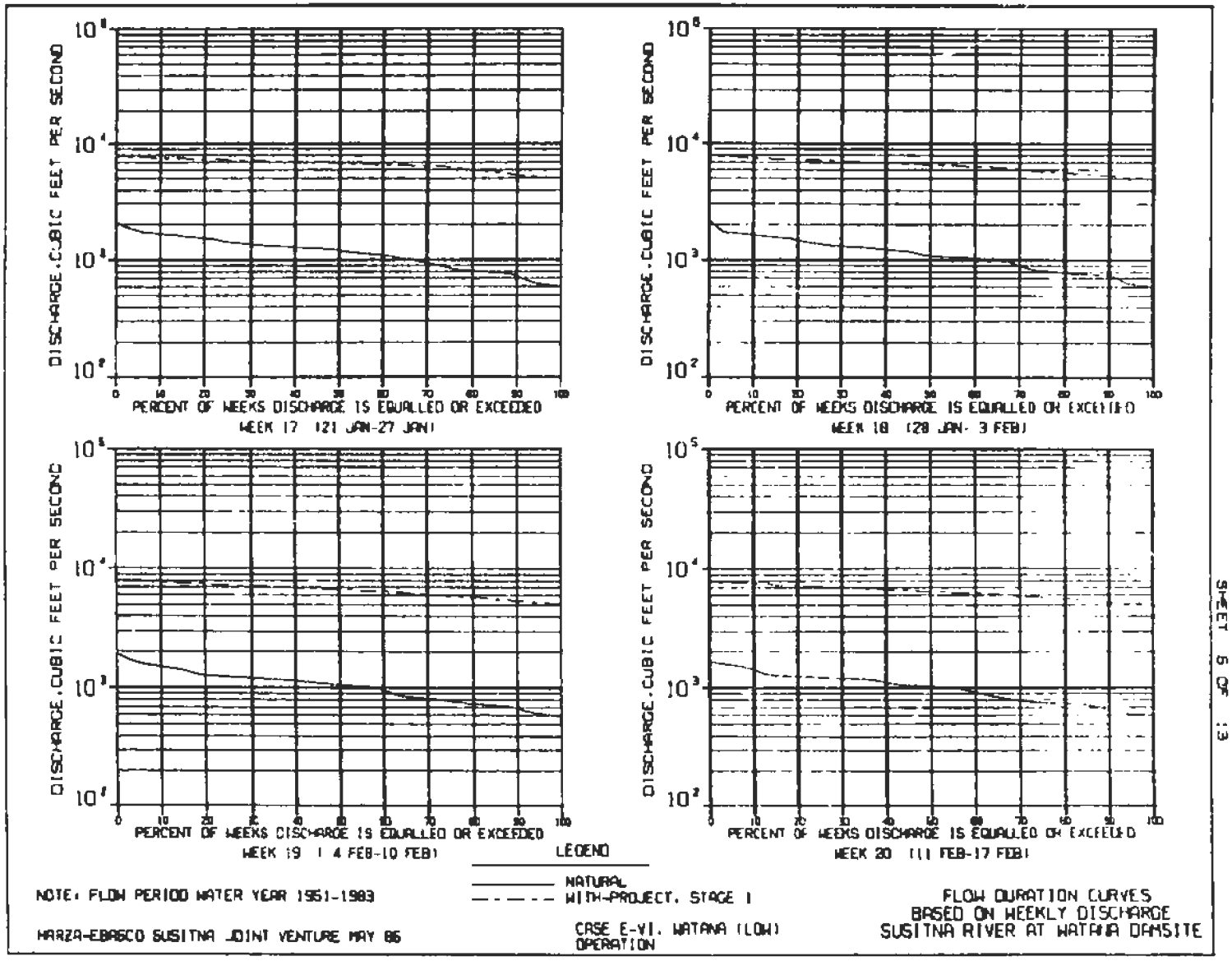

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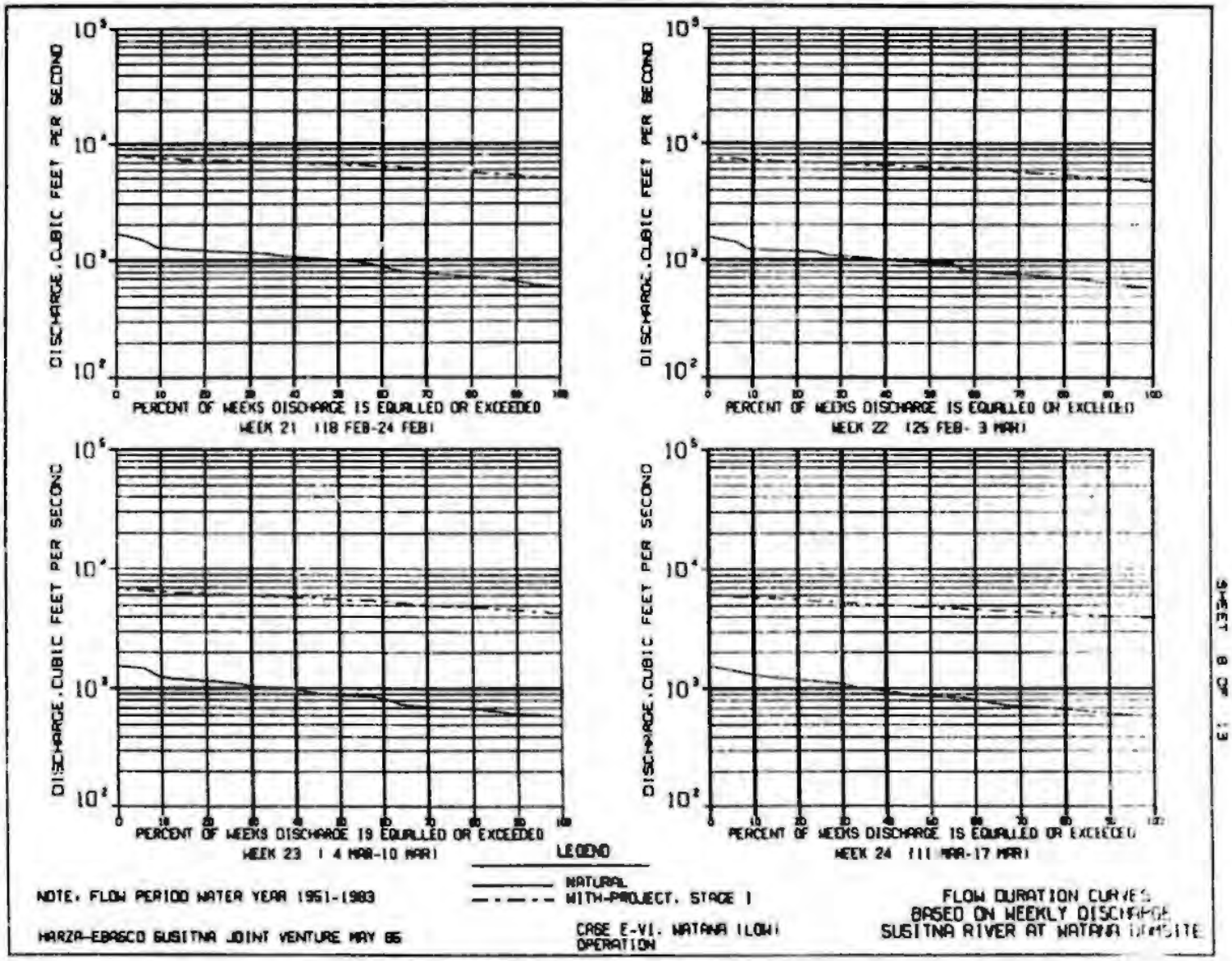

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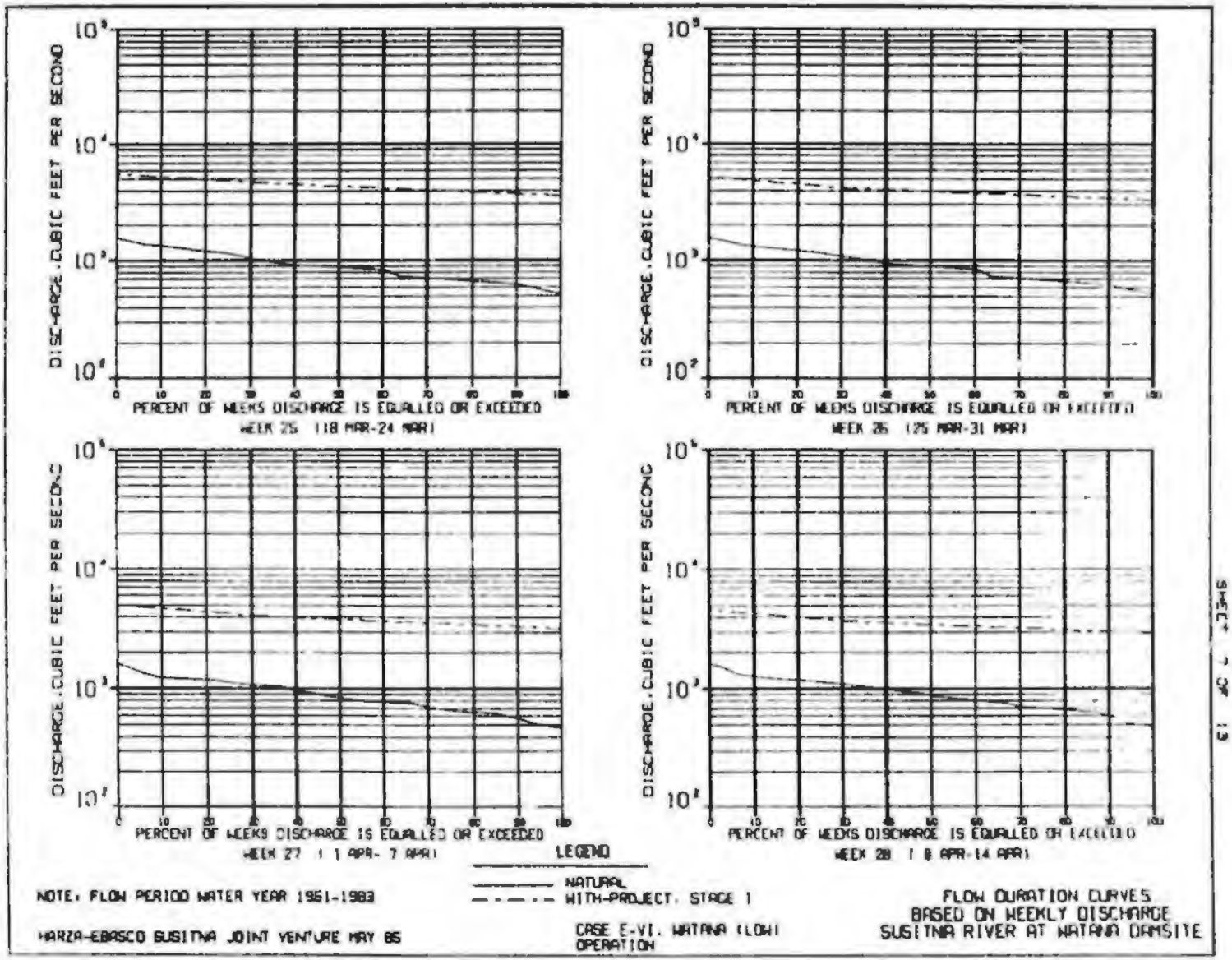

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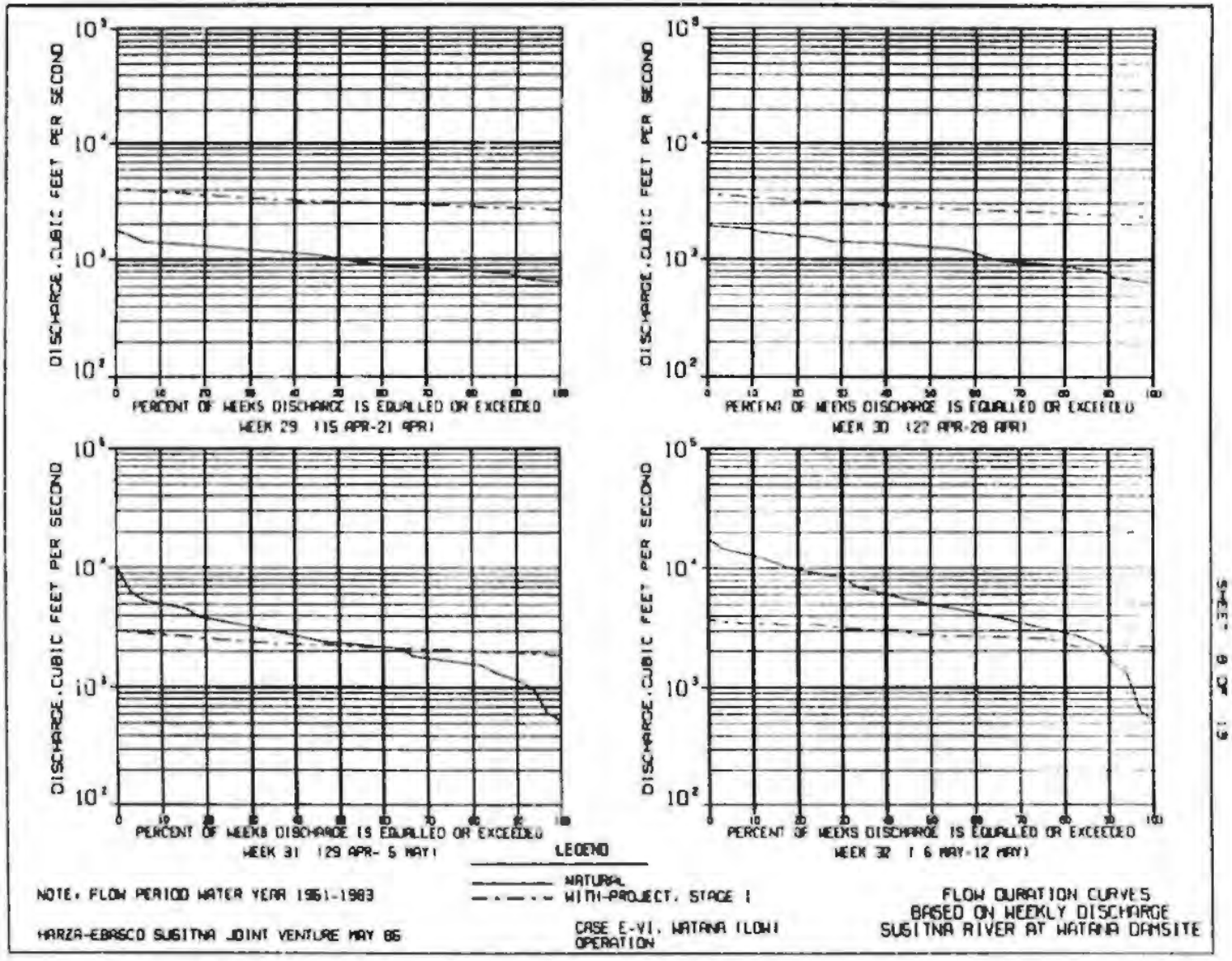

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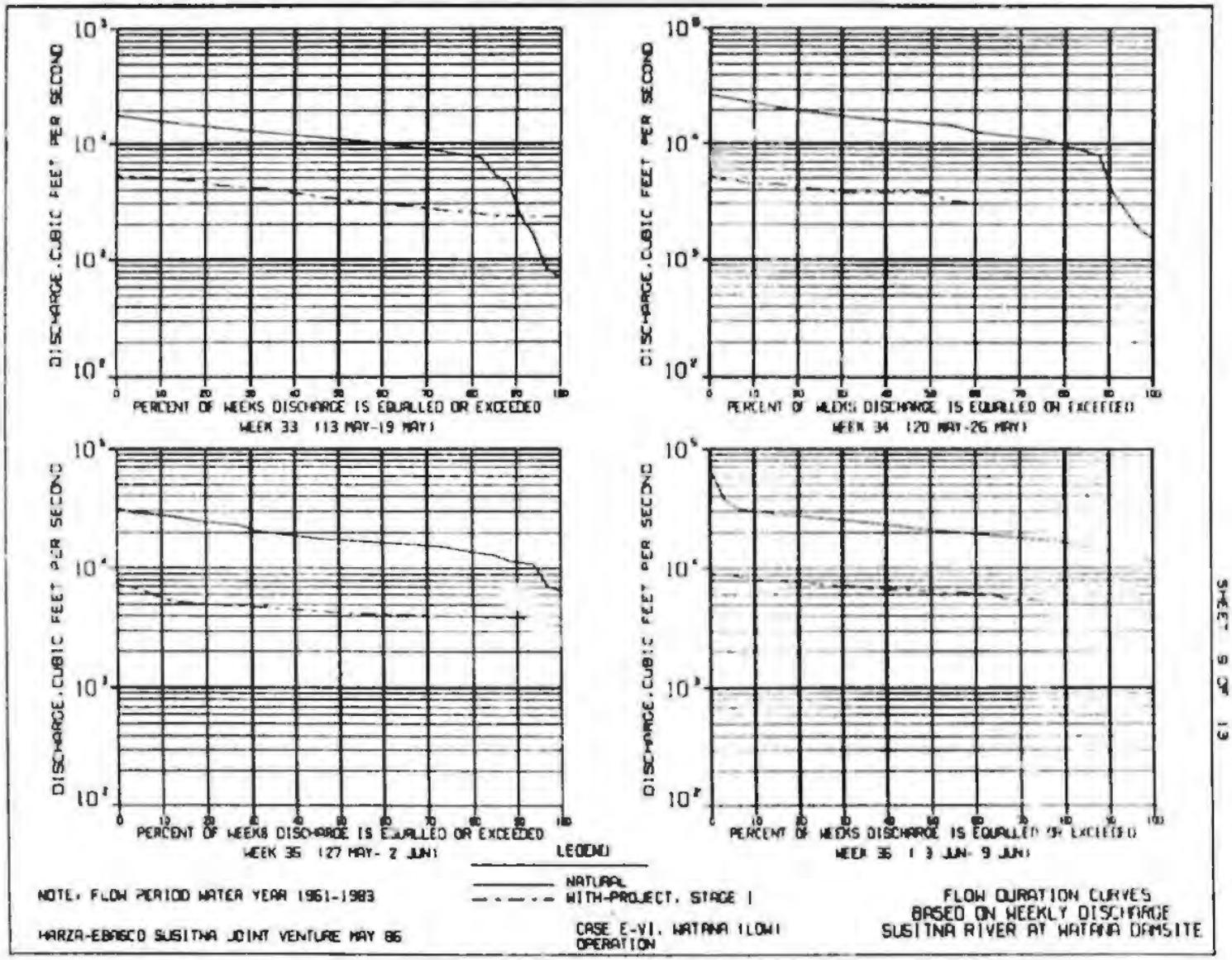

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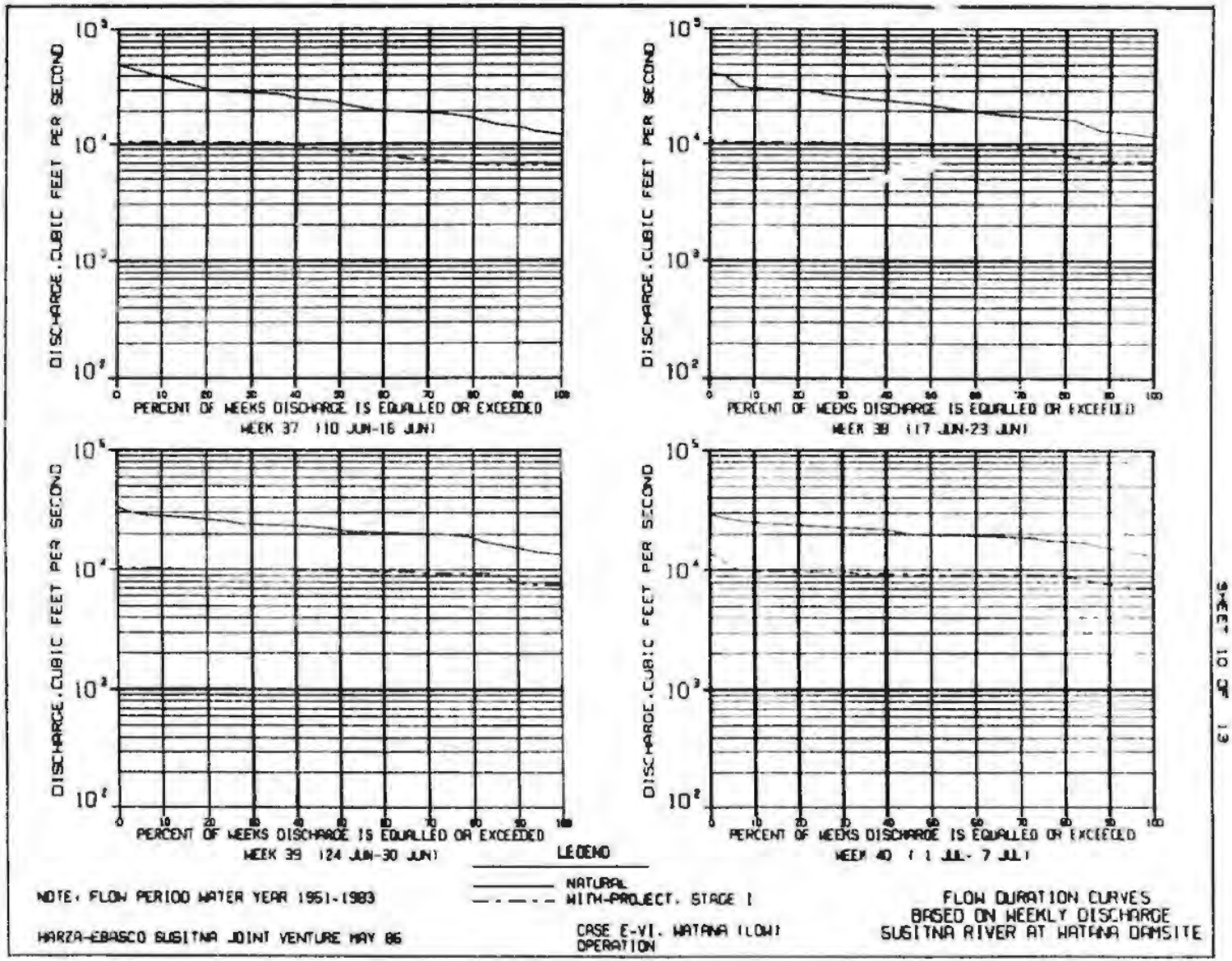

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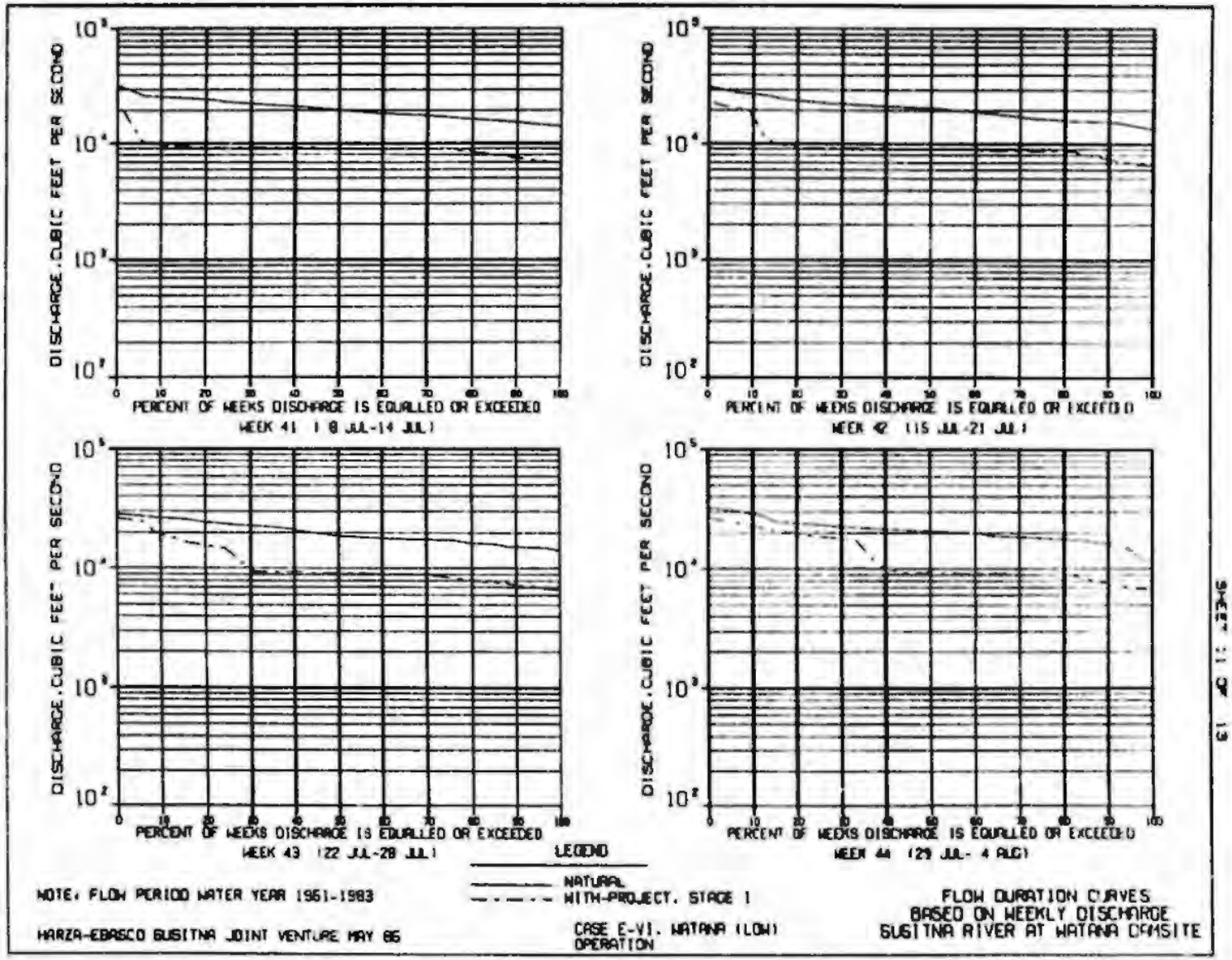

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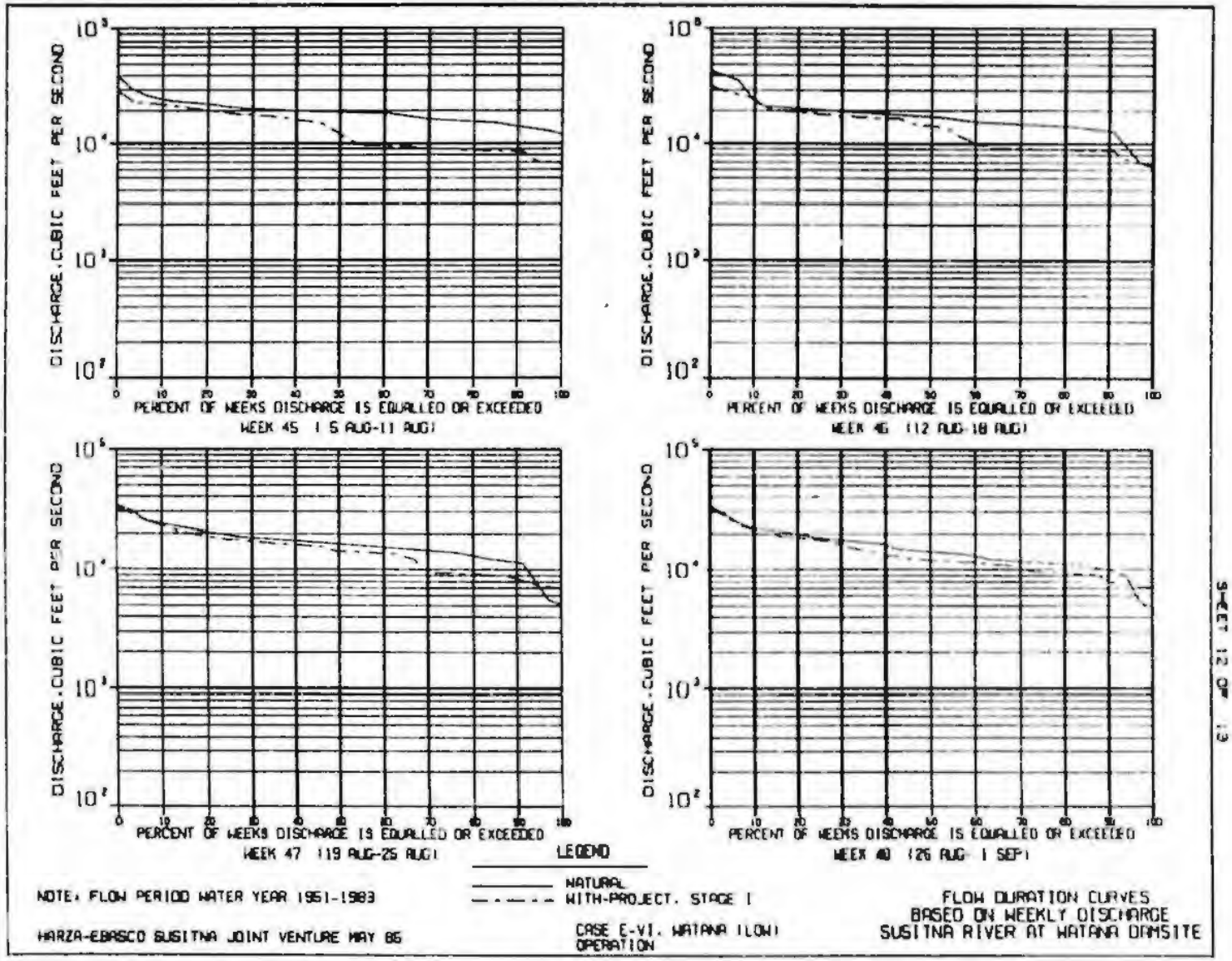

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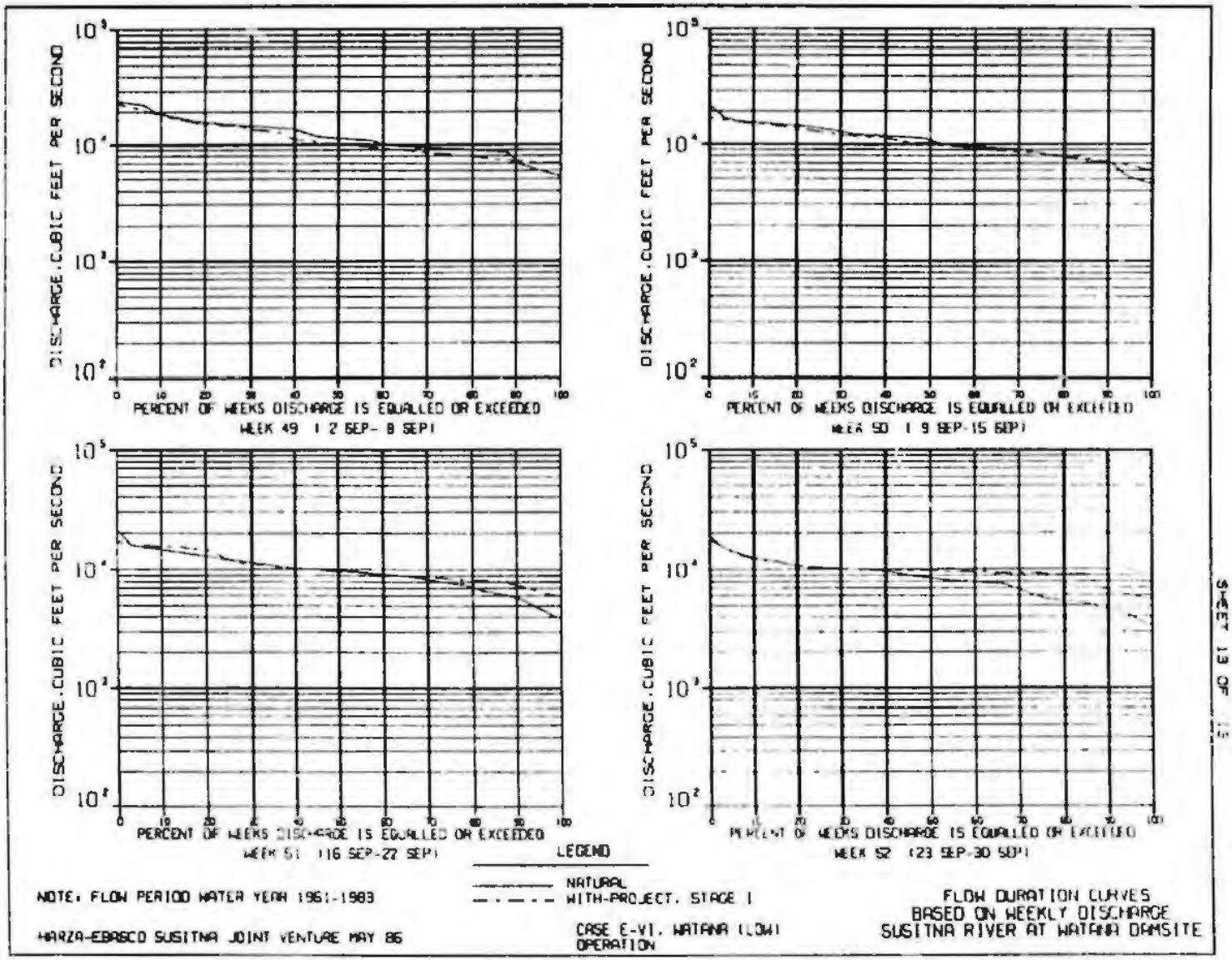

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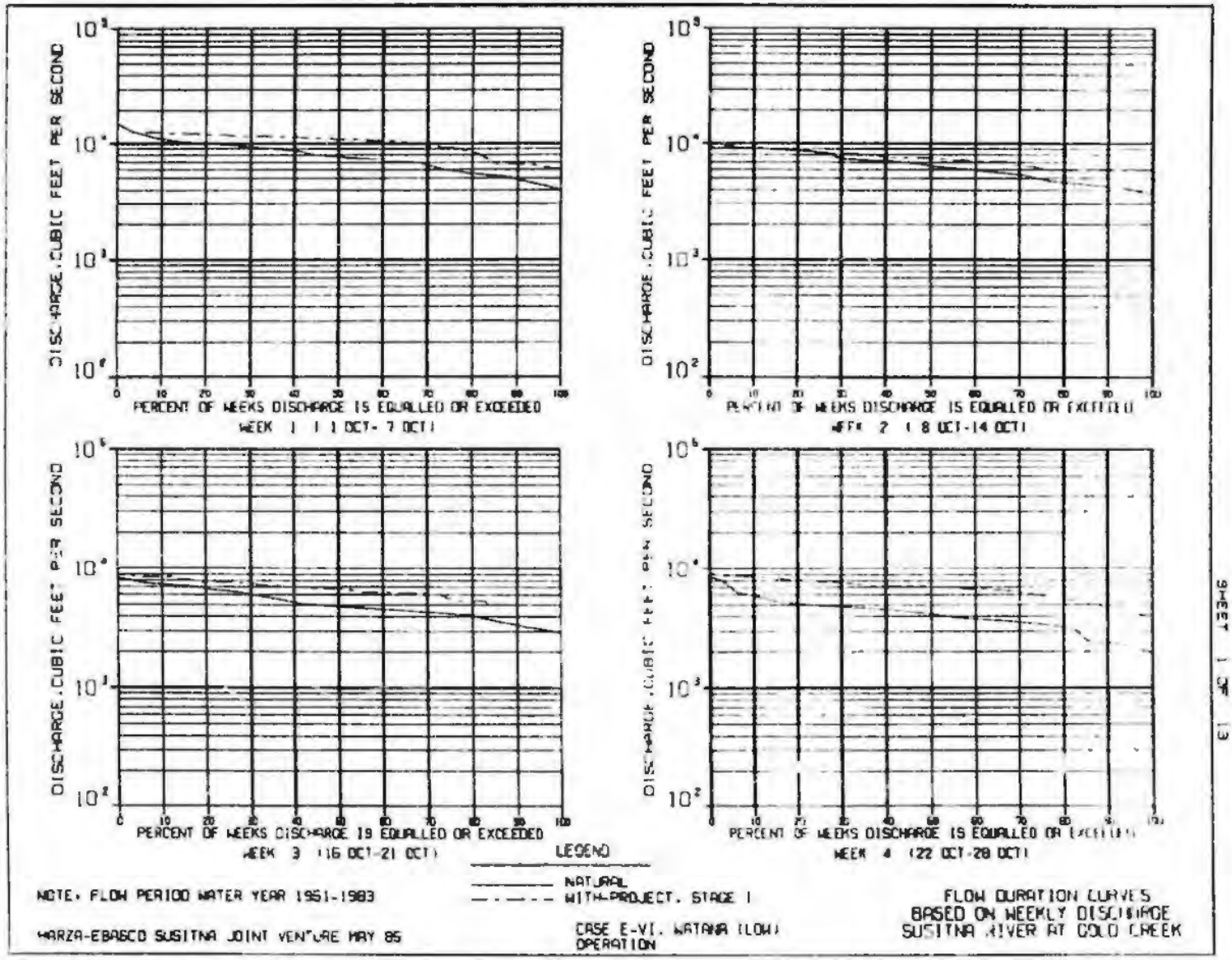

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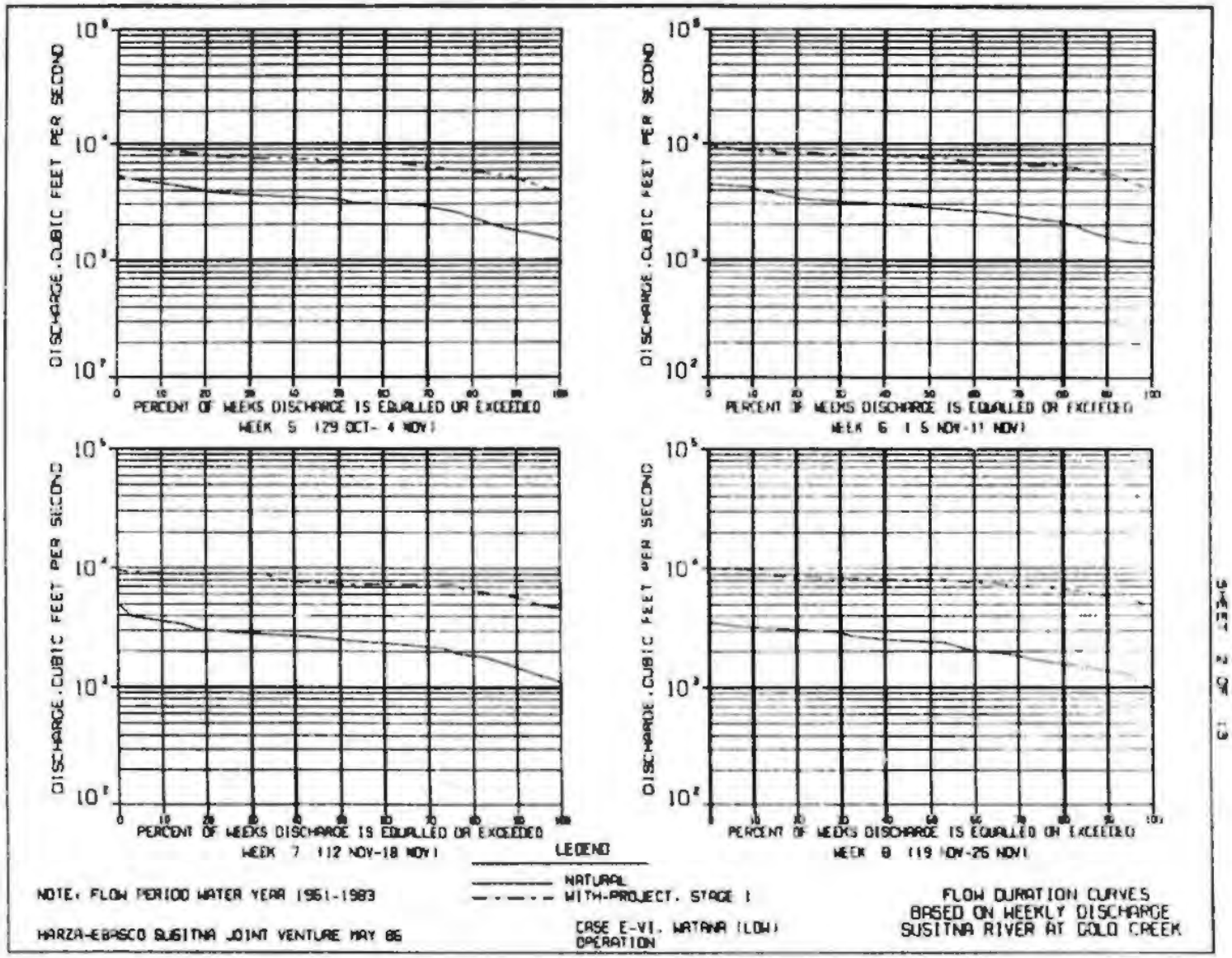

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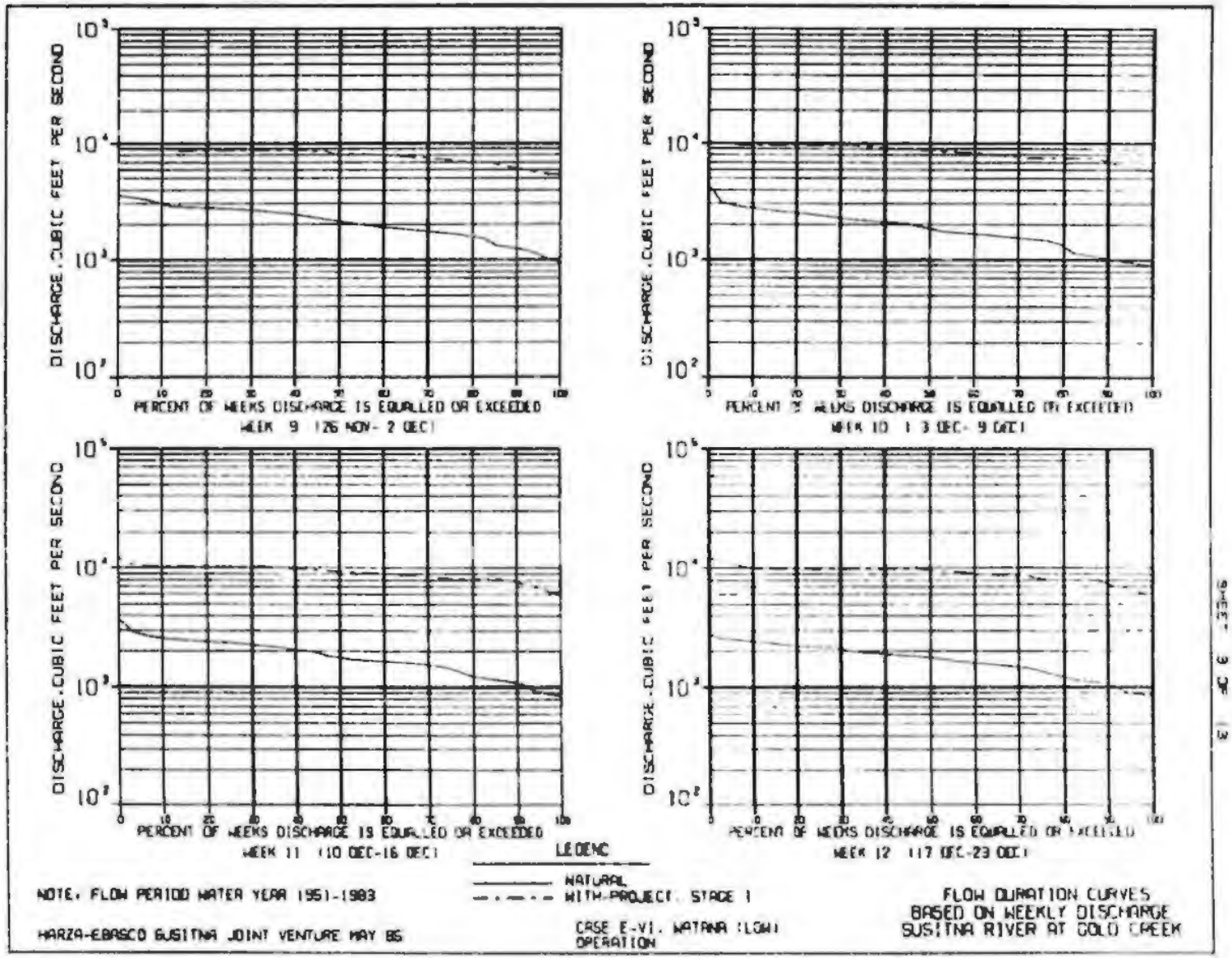

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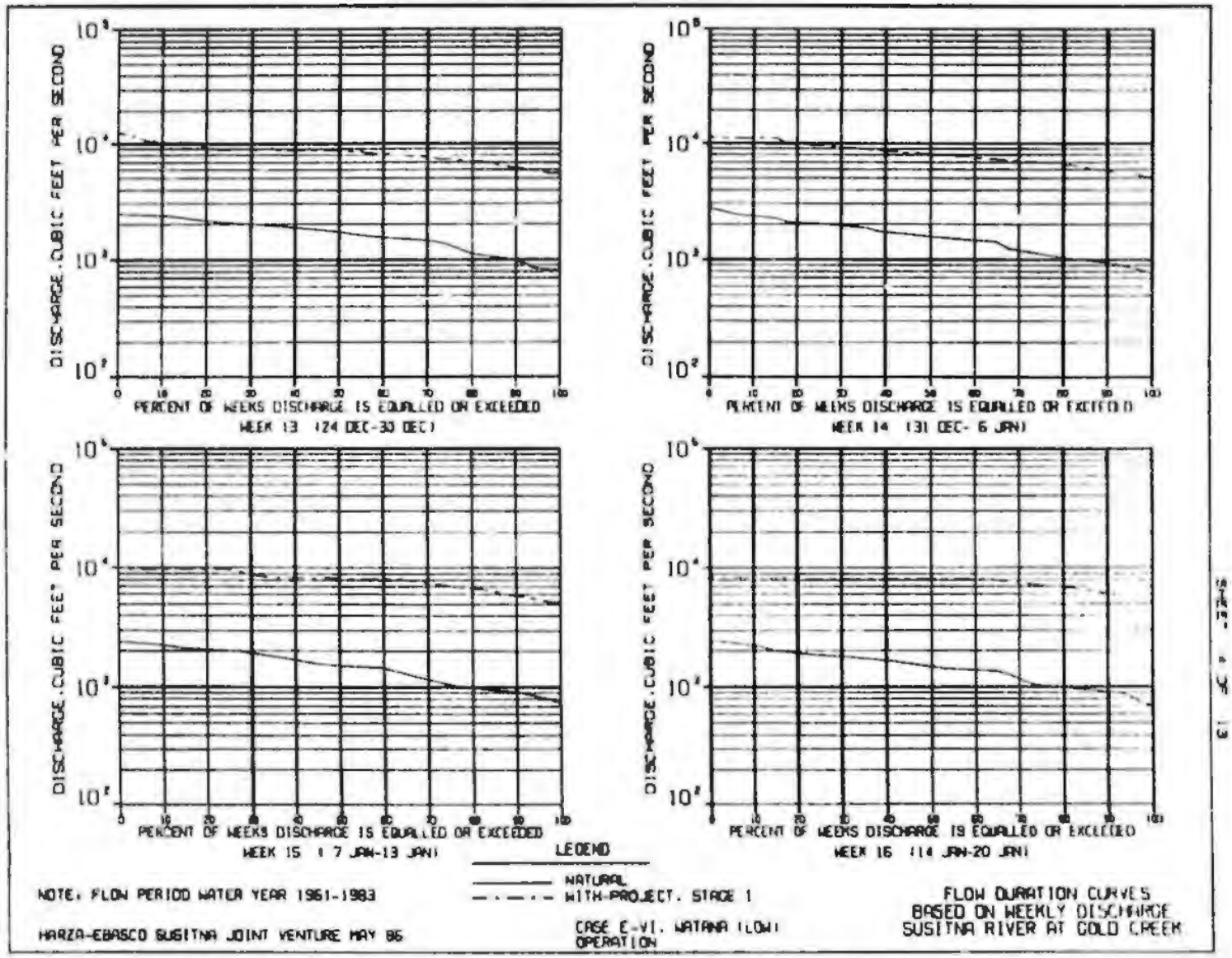

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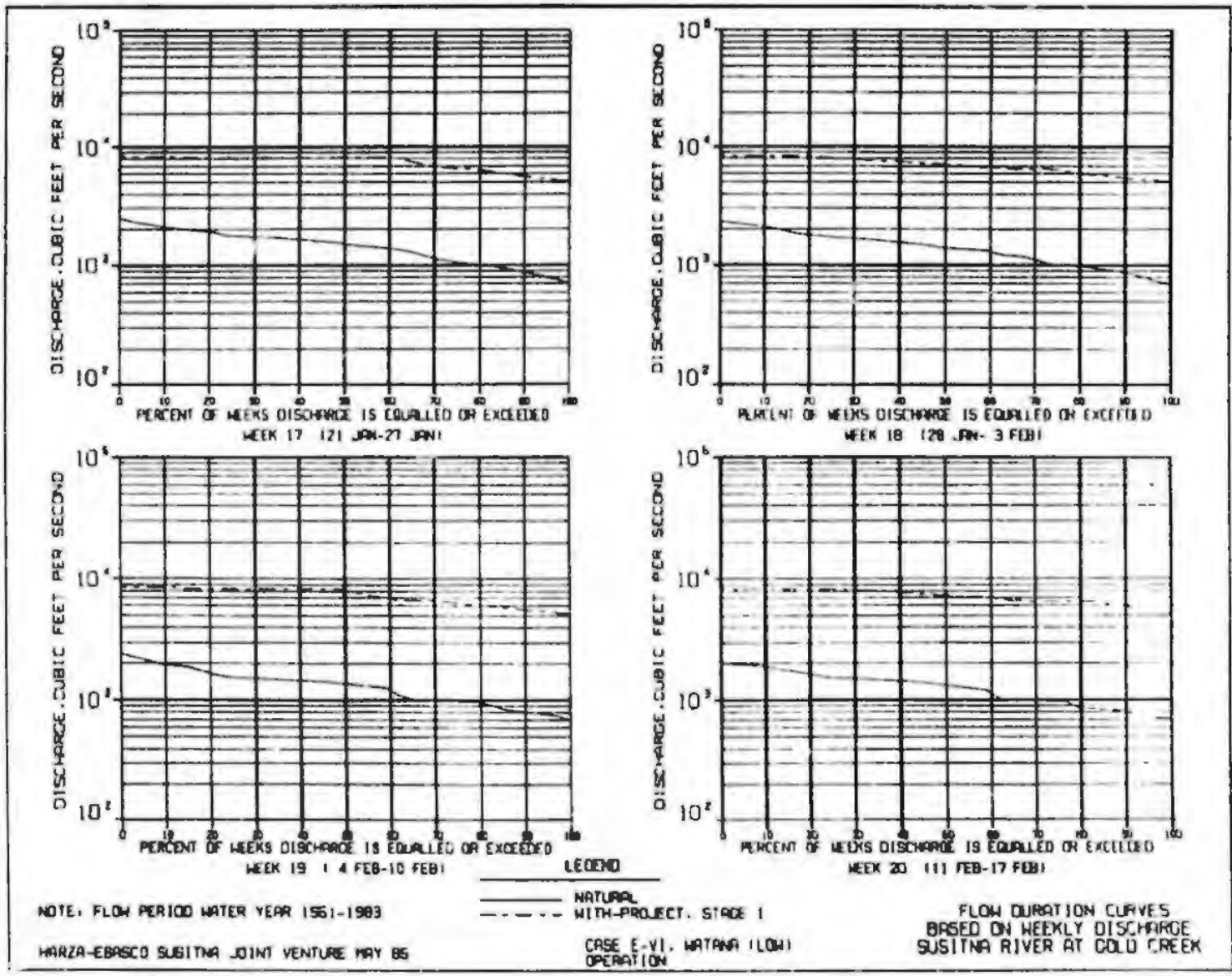

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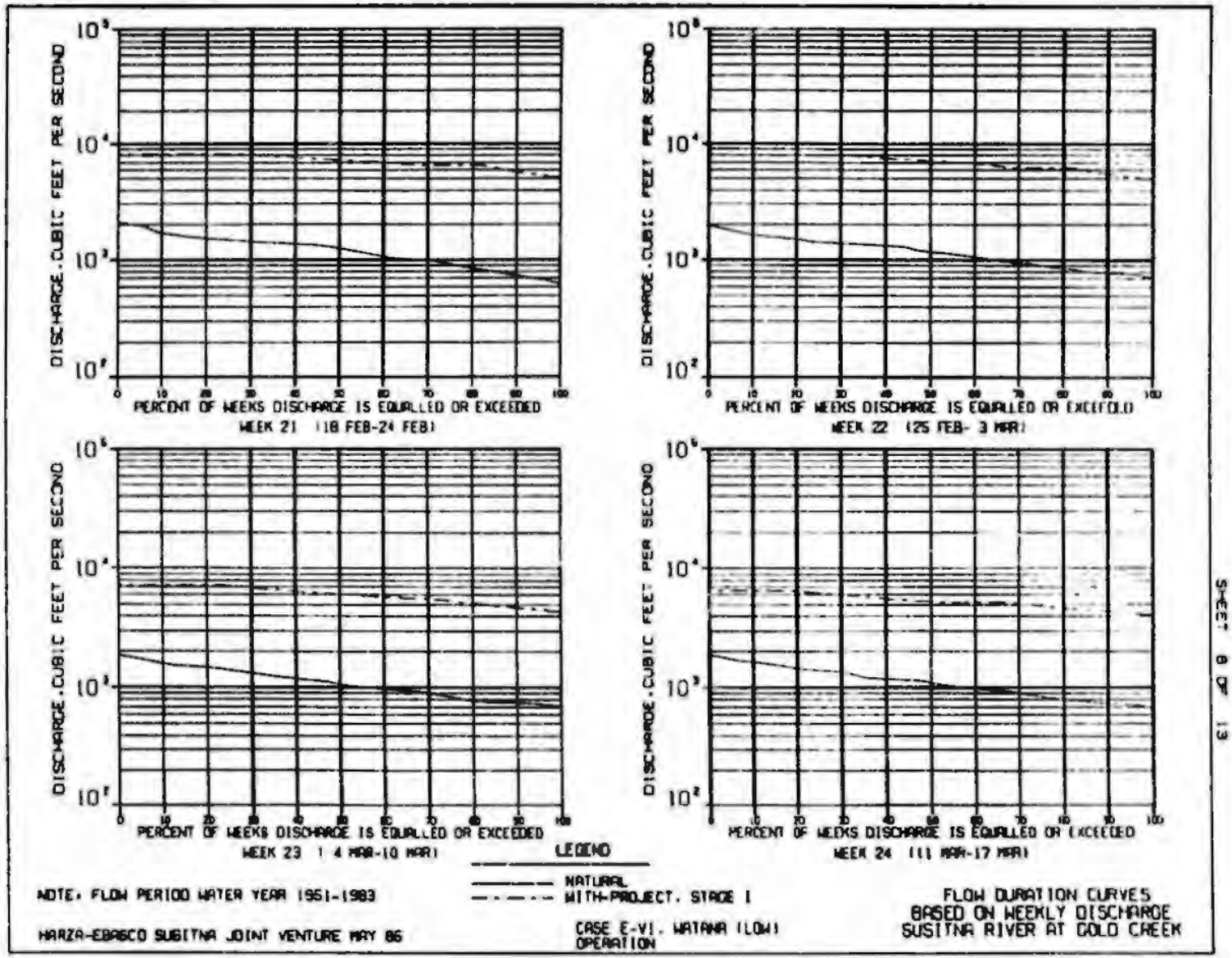

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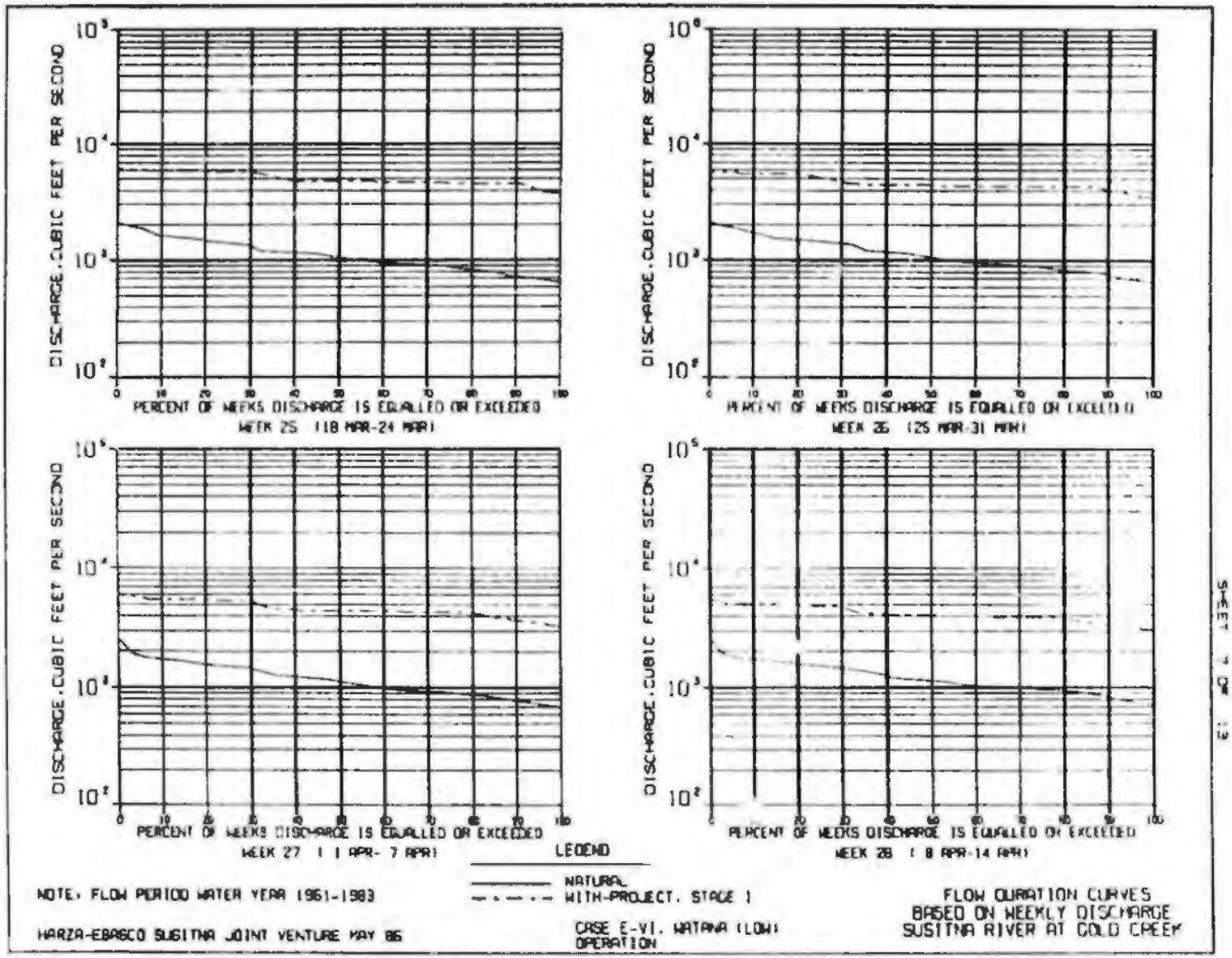

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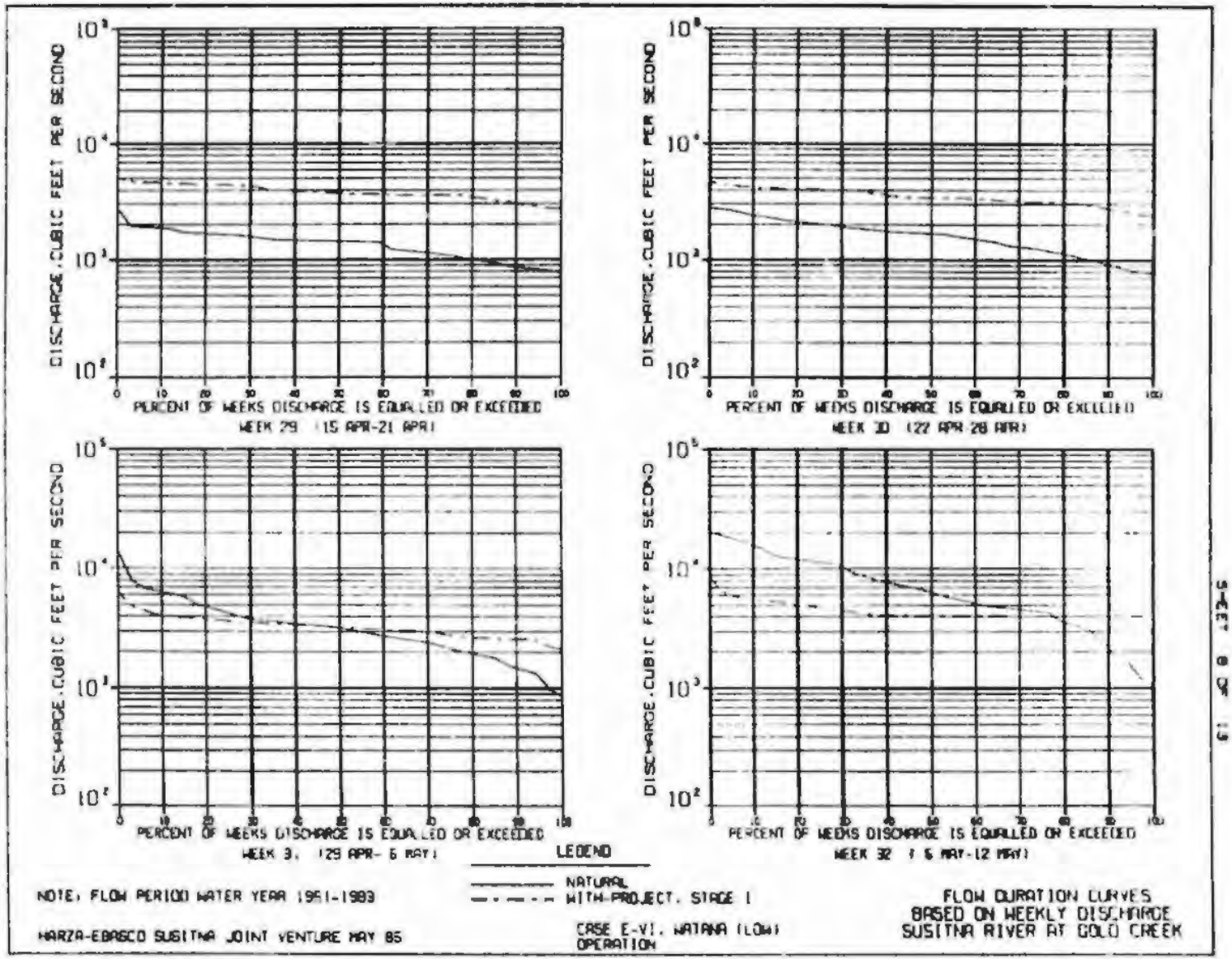

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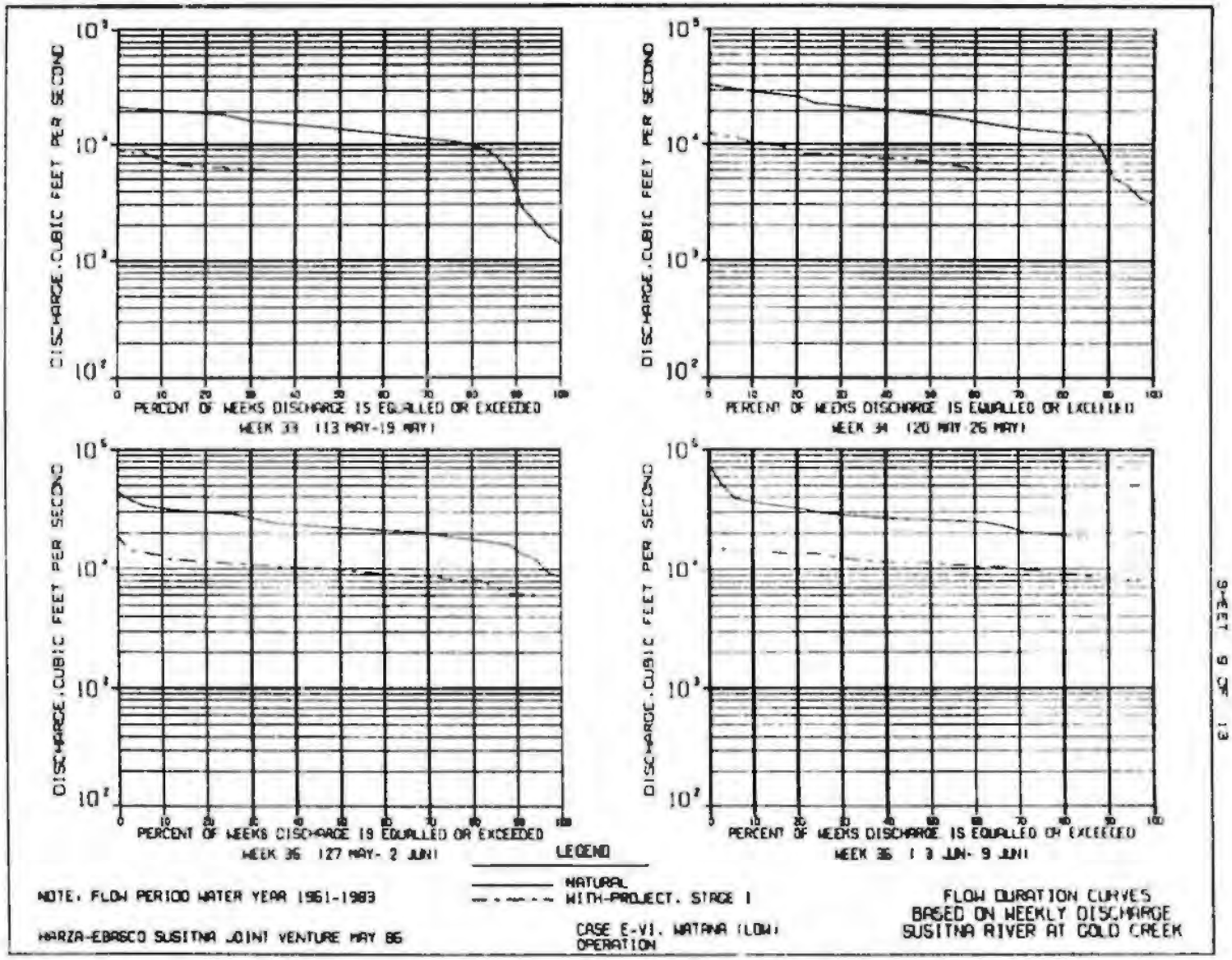

EXHIBIT B
SHEET 9 OF 13

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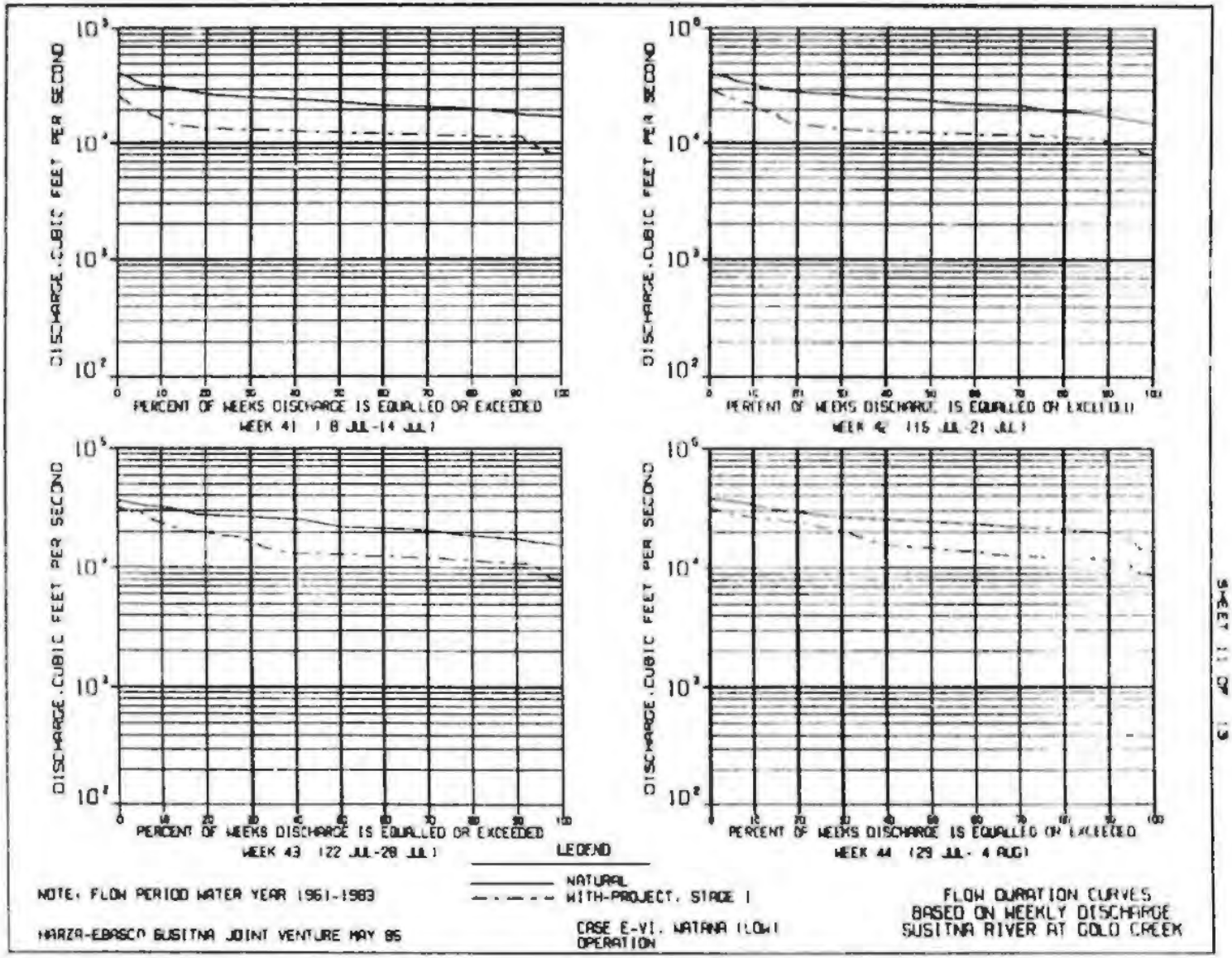
SHEET 10 OF 13



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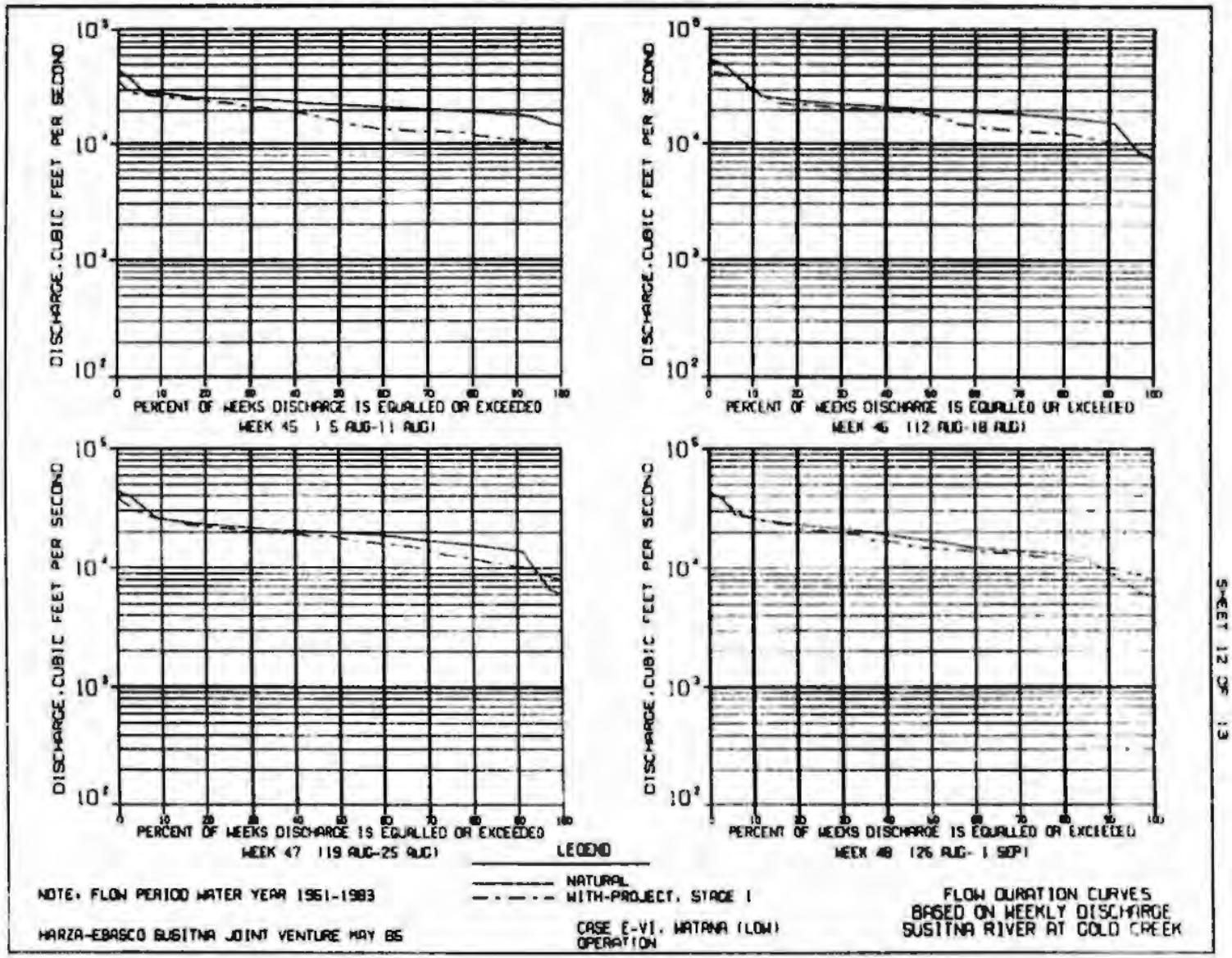

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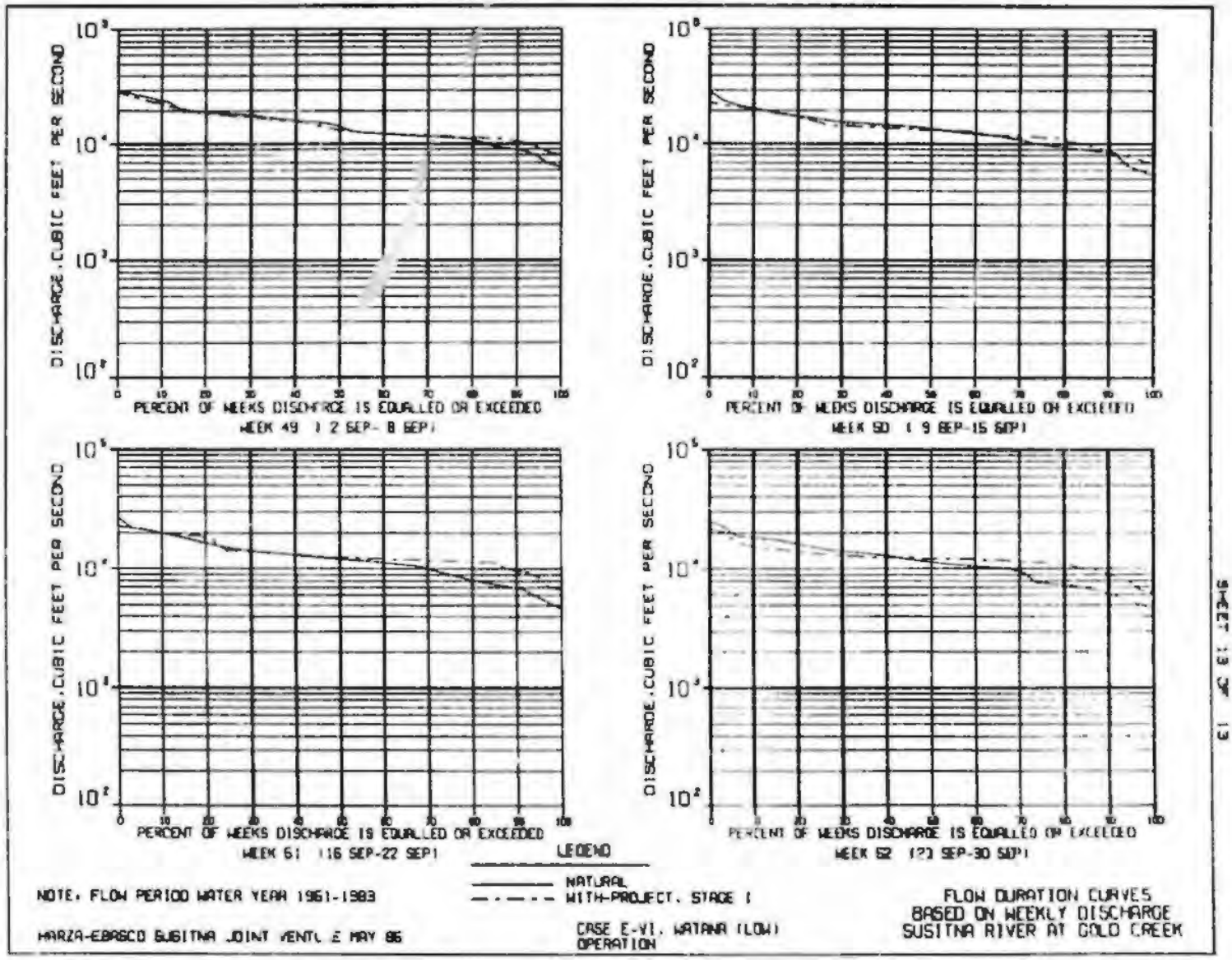

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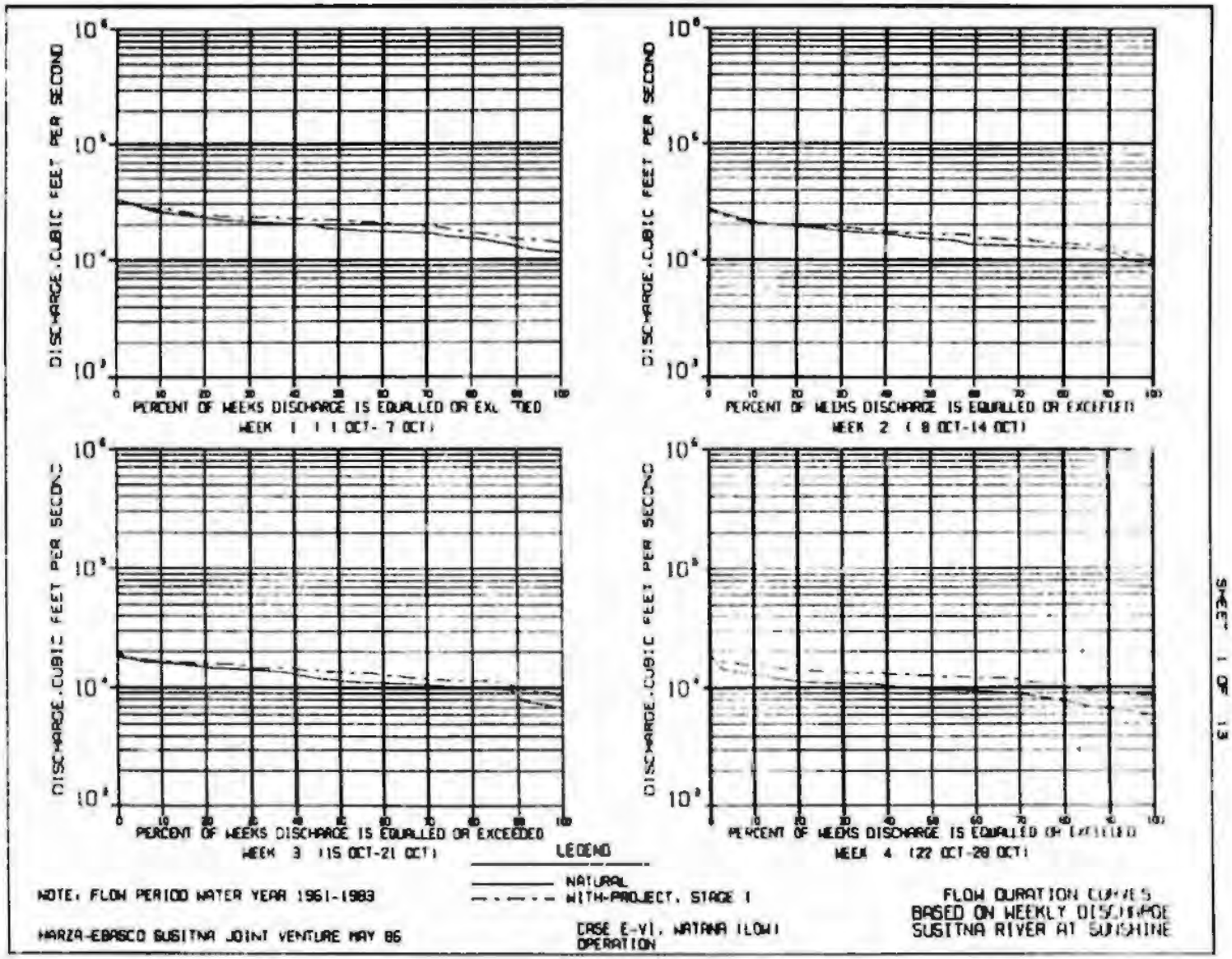

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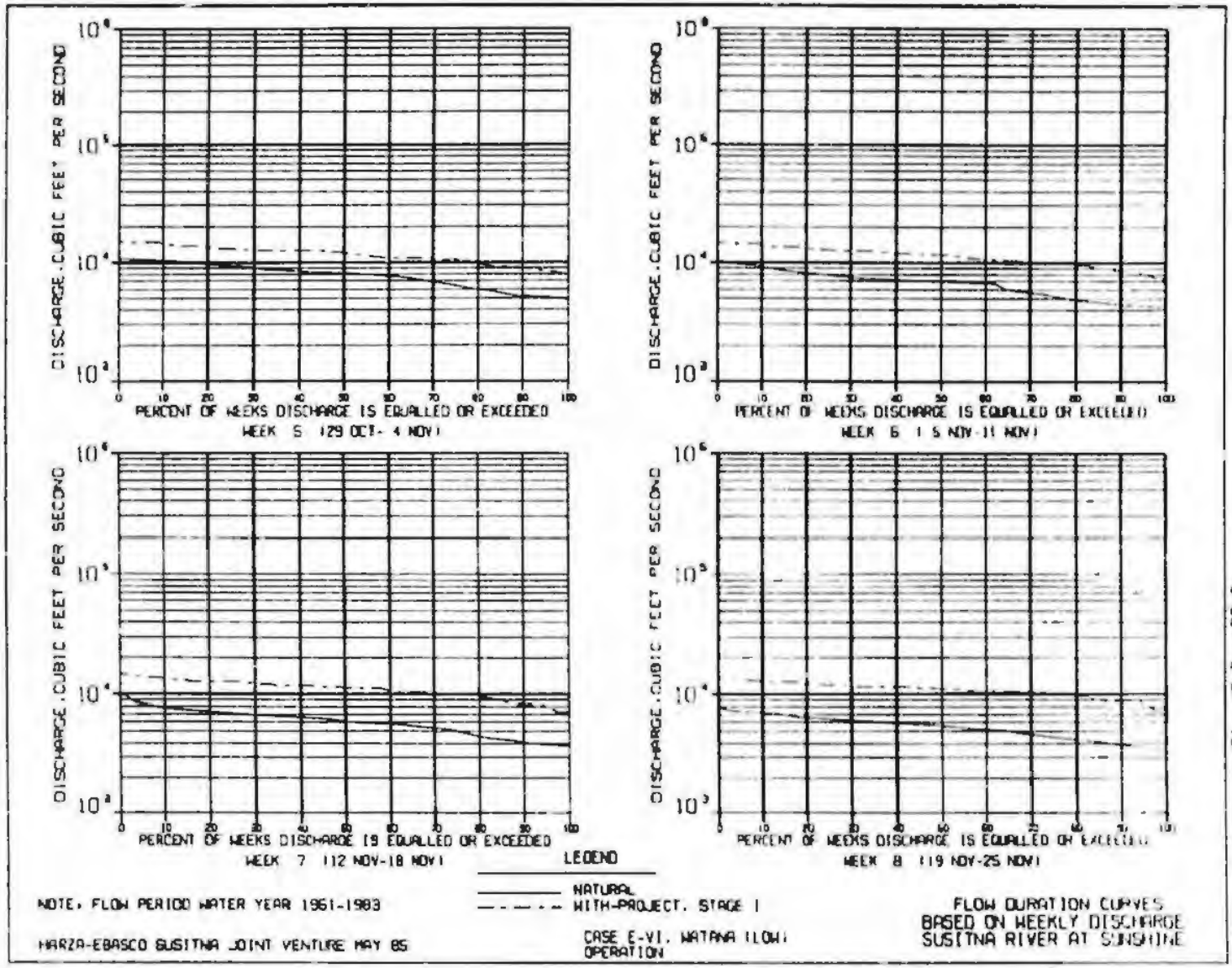

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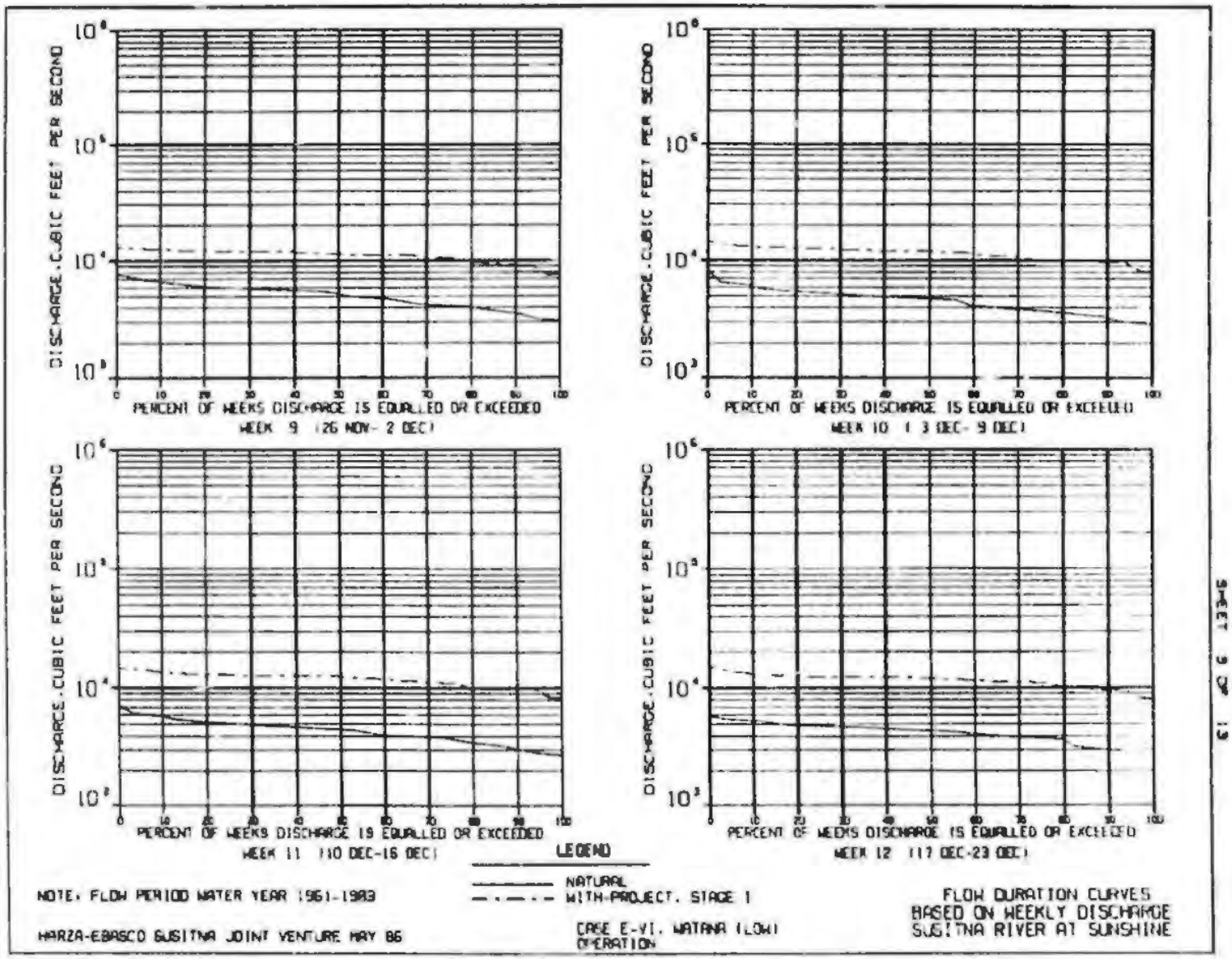

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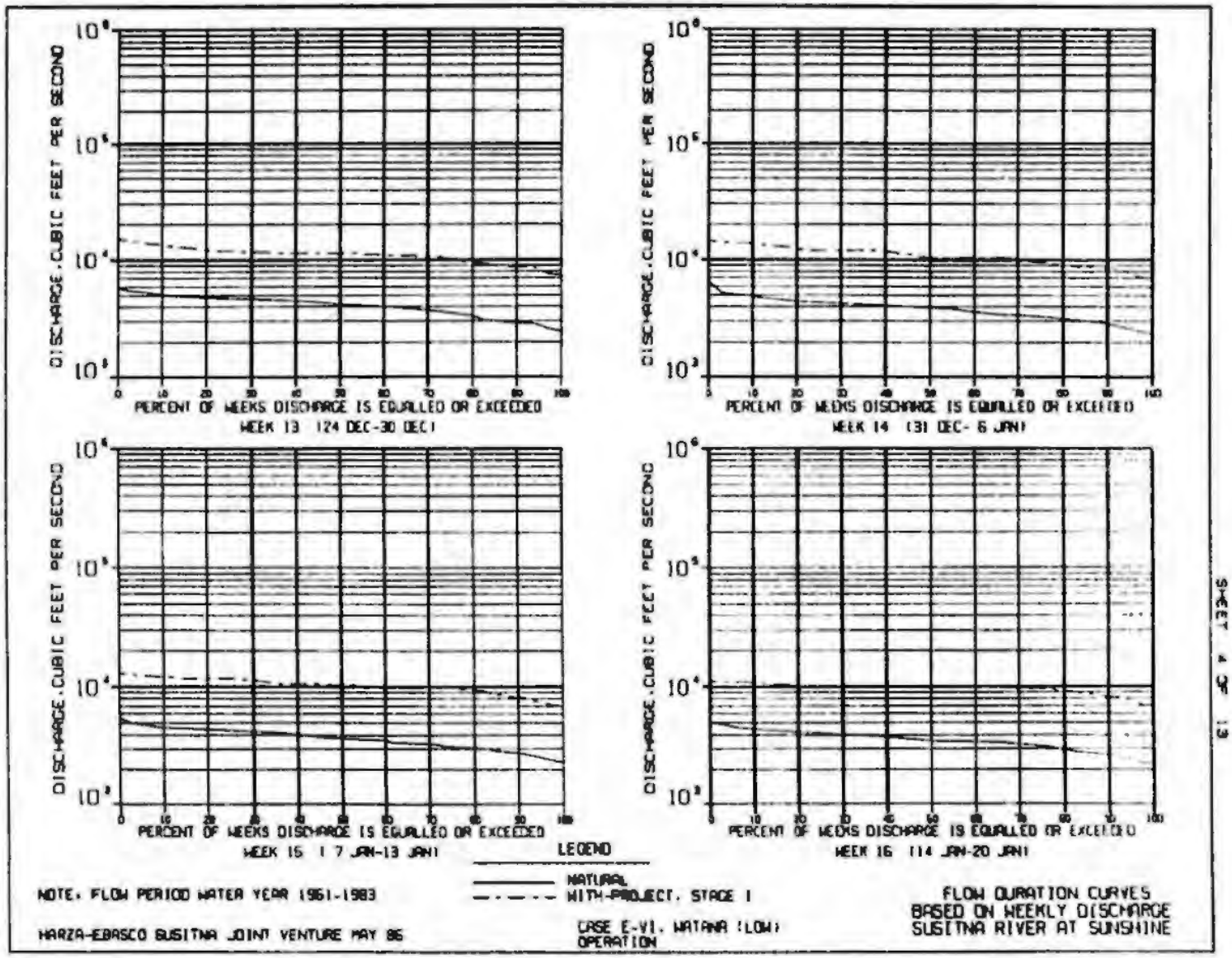

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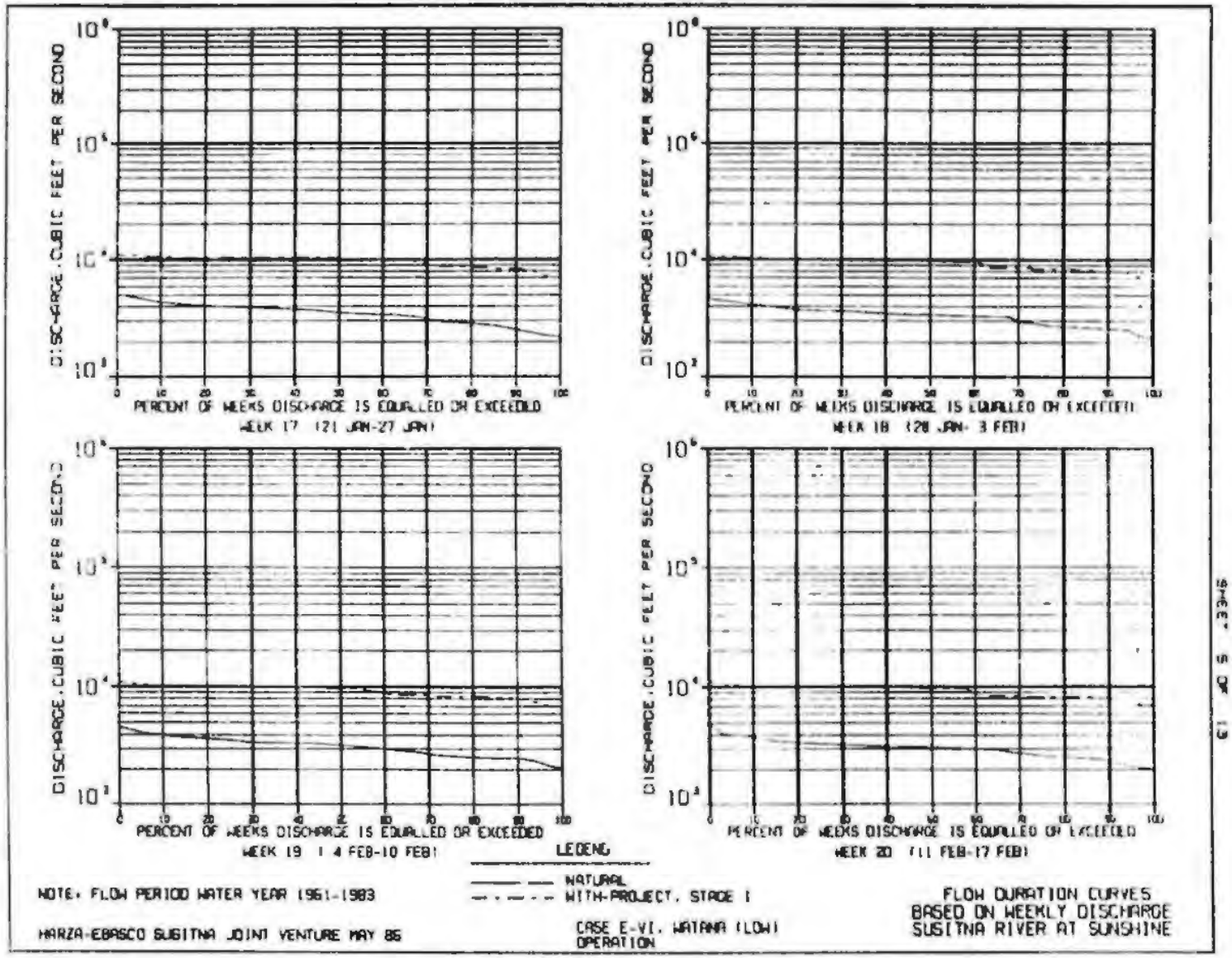

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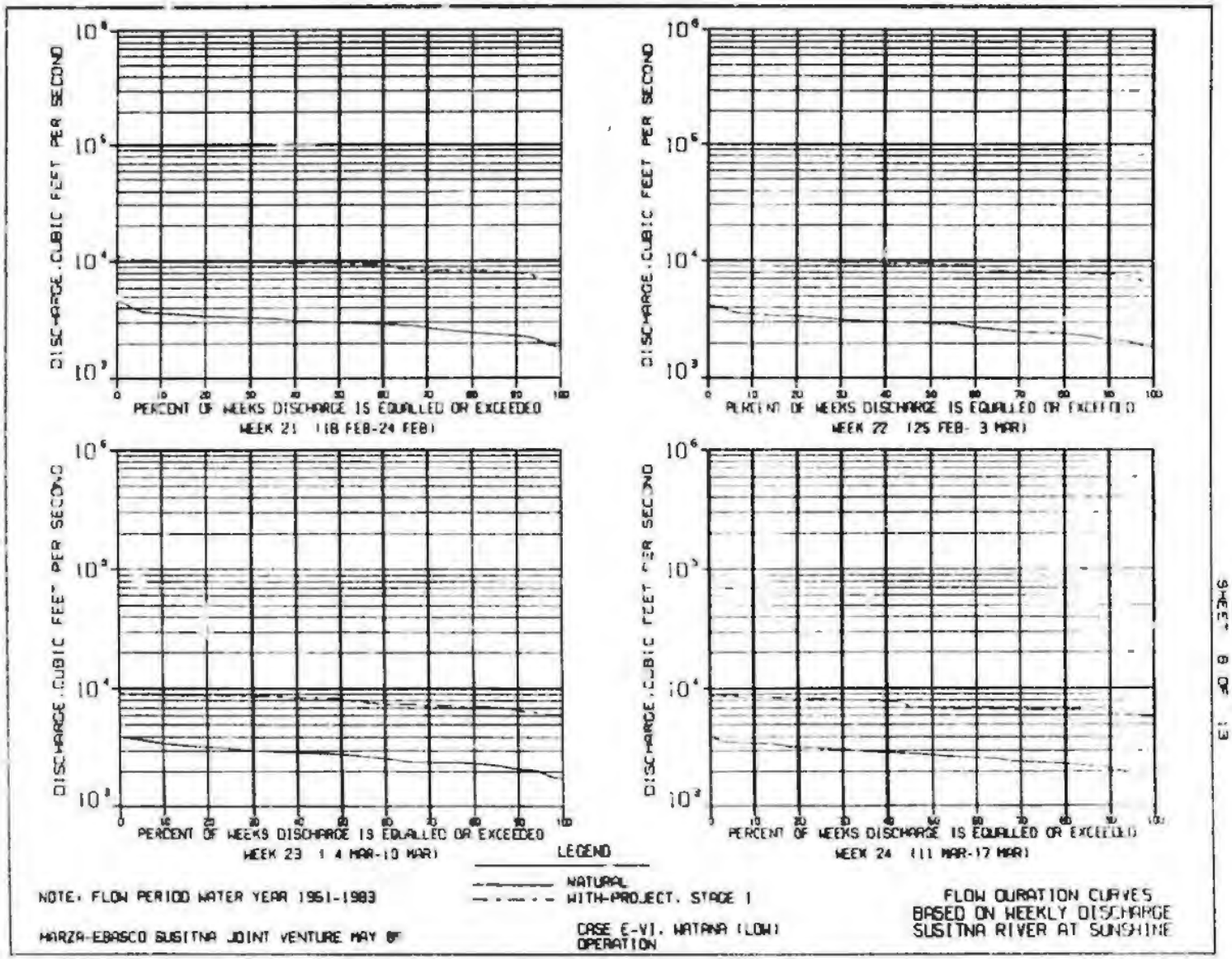

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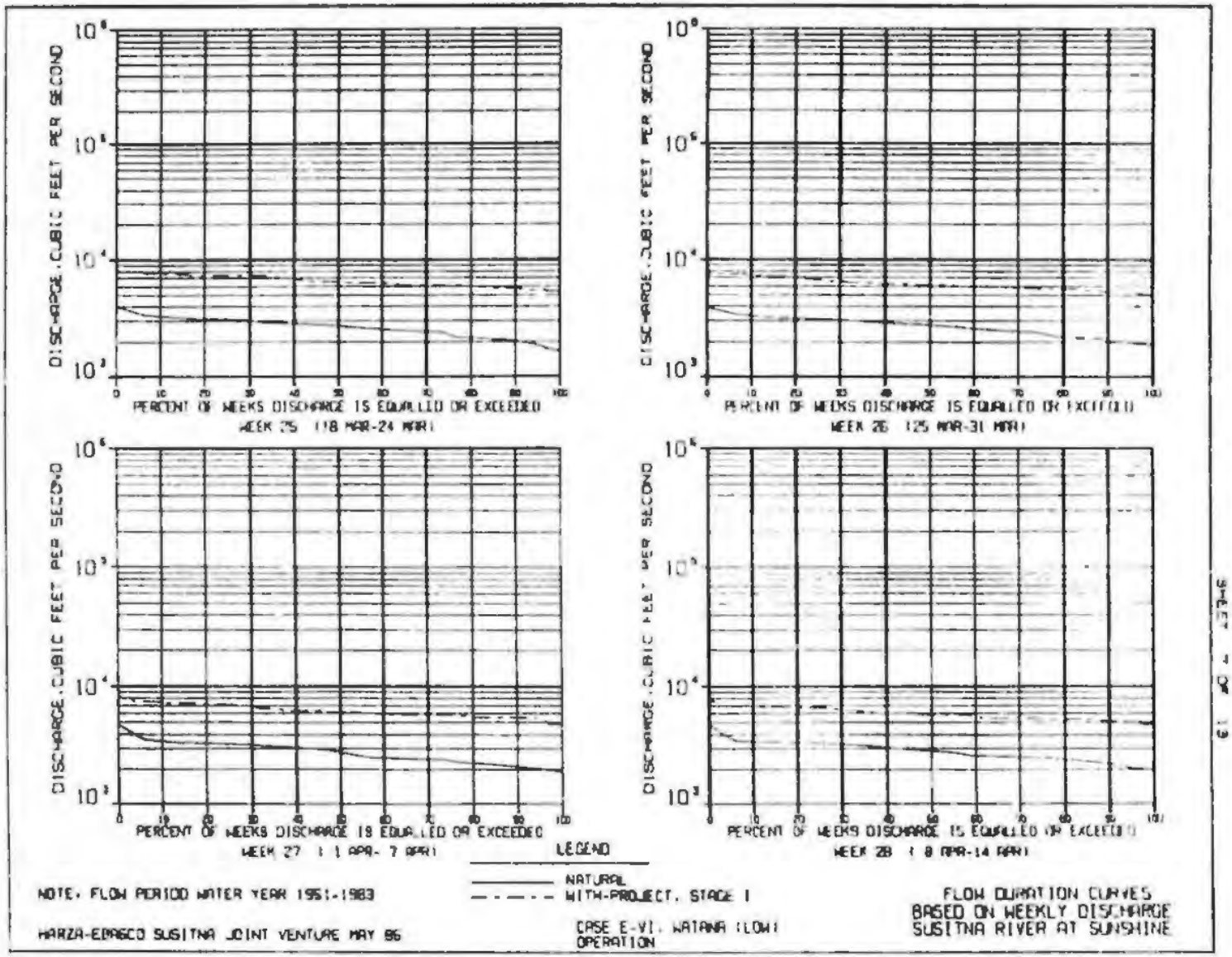

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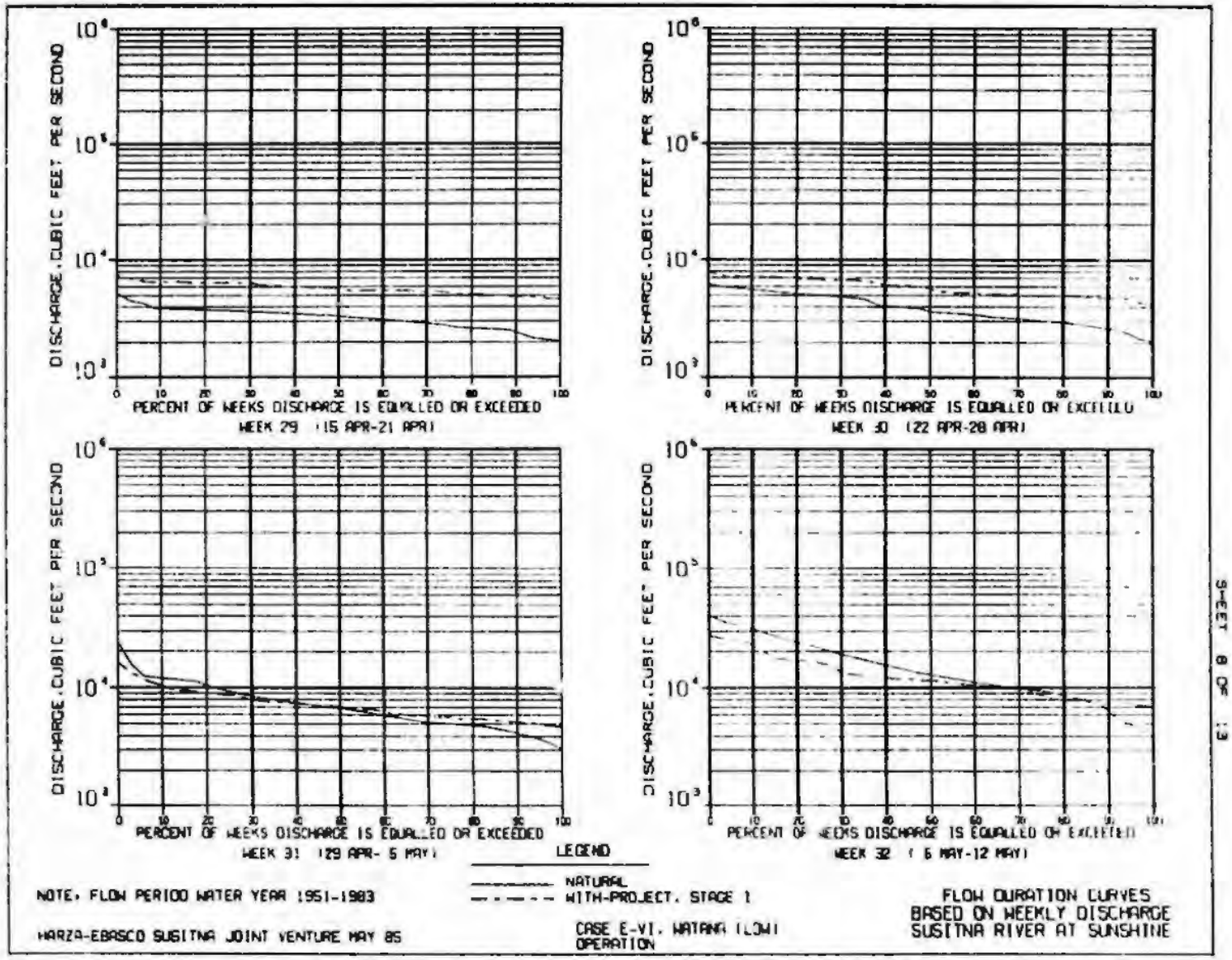

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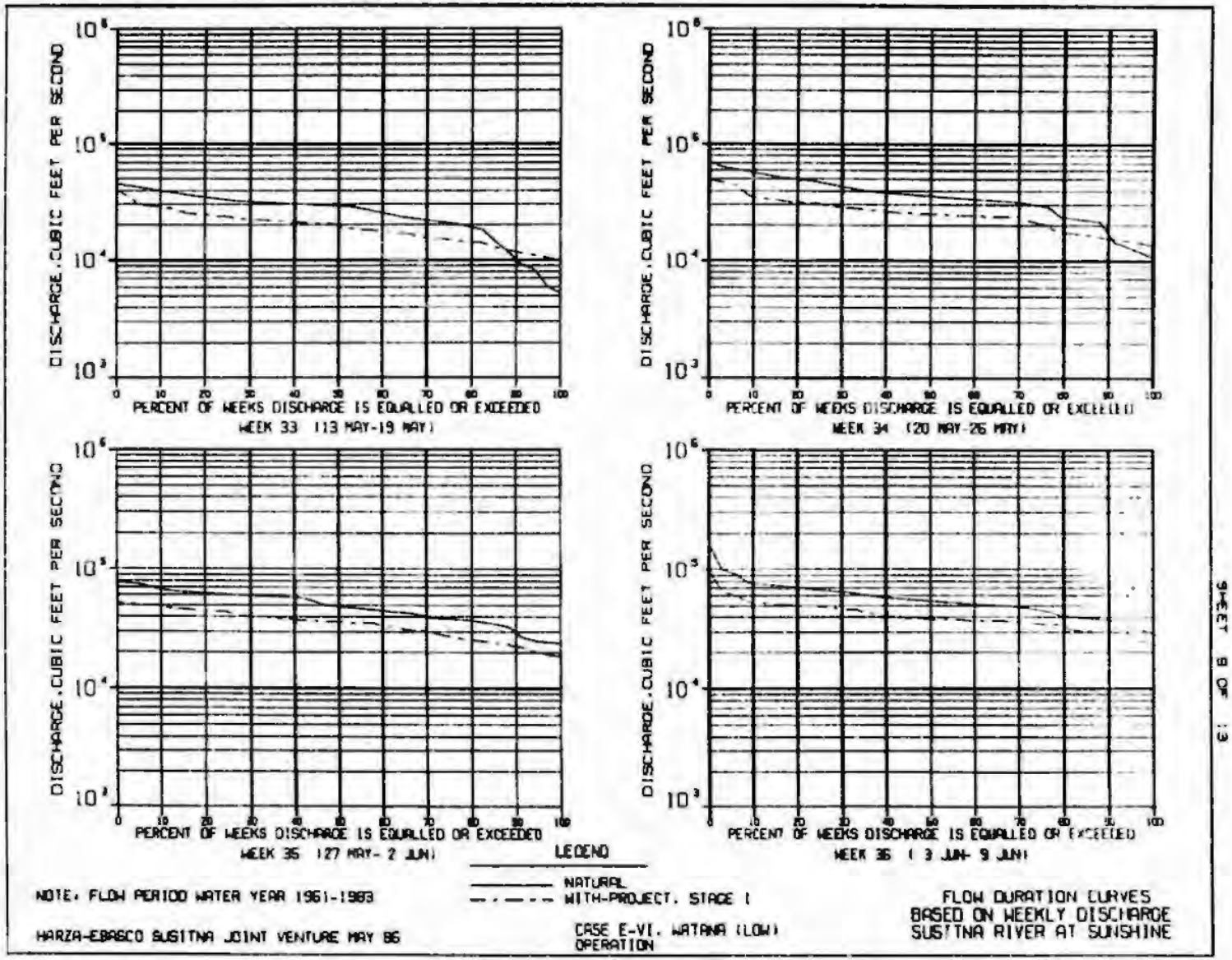


EXHIBIT 4
SHEET 8 OF 13

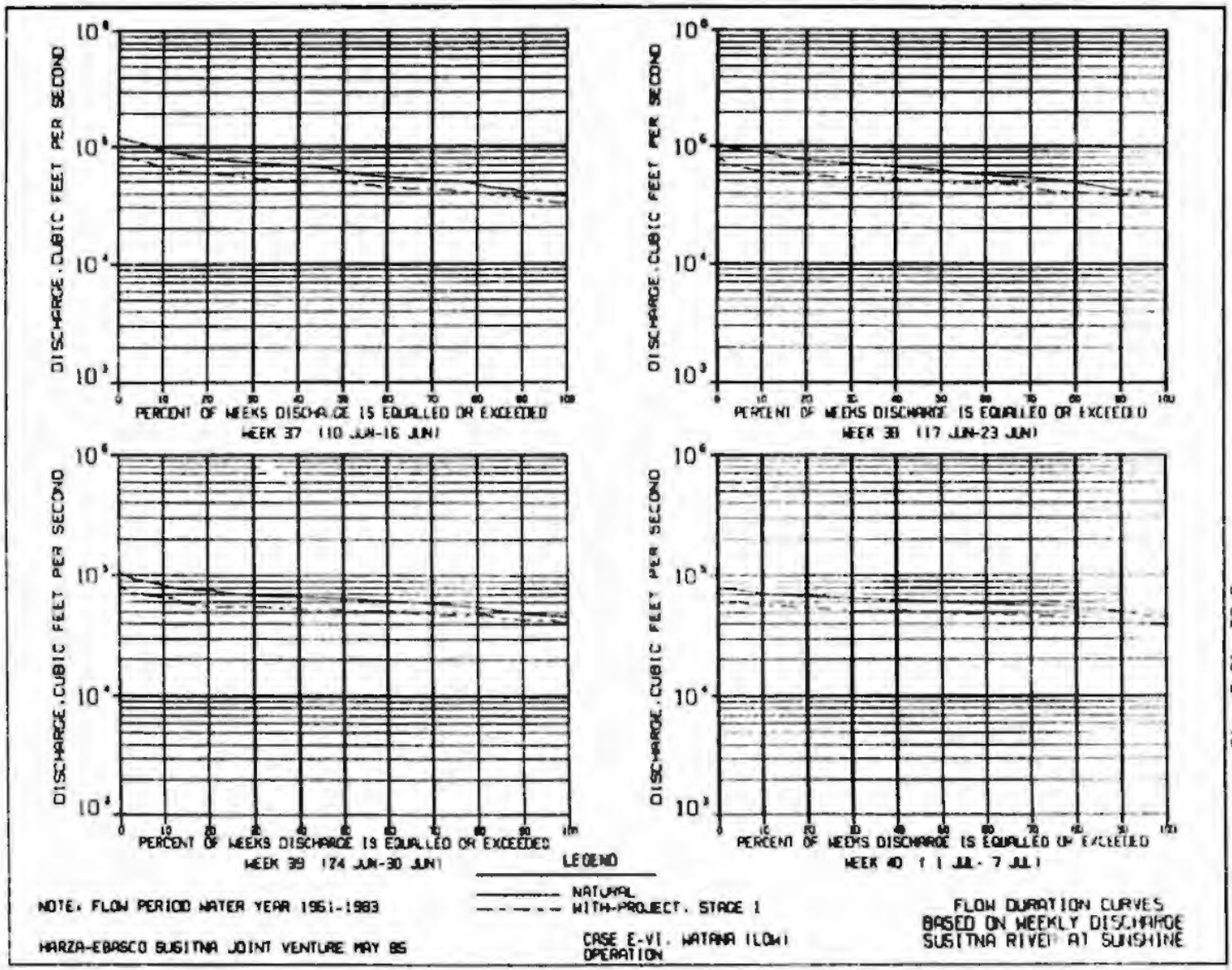


EXHIBIT 4
SHEET 10 OF 13

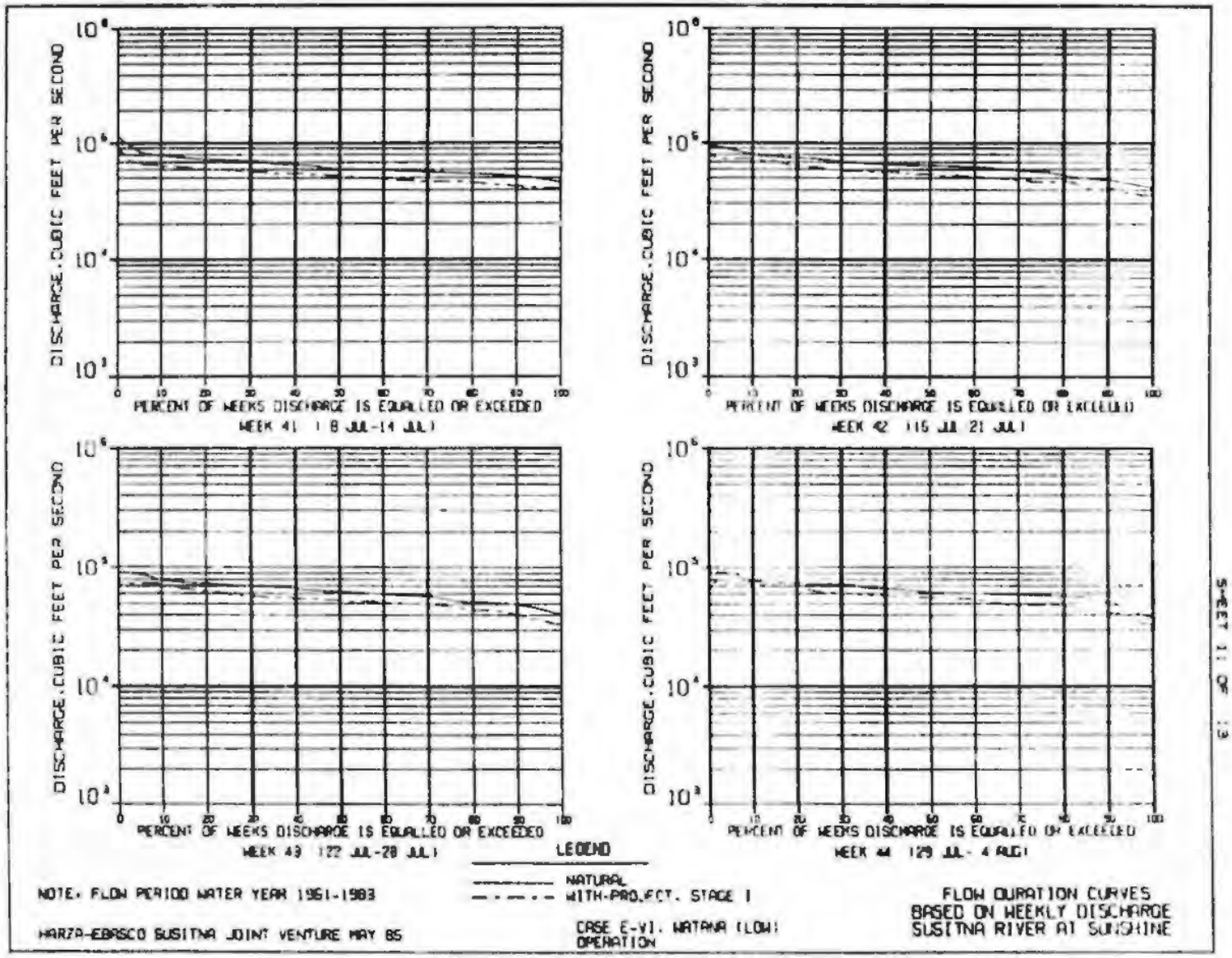


EXHIBIT 4
SHEET 11 OF 13

Exhibit A
Sheet 12 of 13

EXHIBIT 4

SHEET 13 OF 13

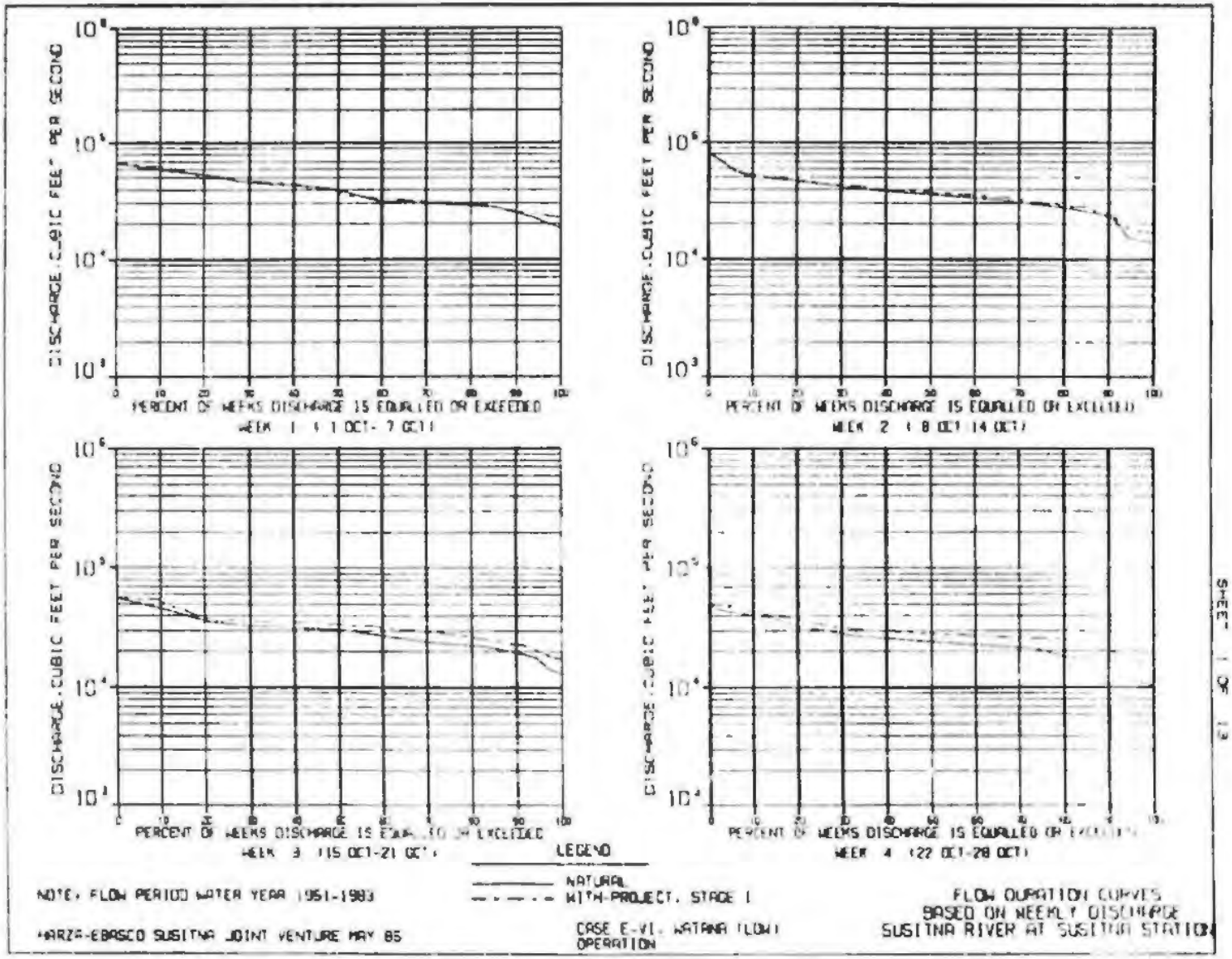


EXHIBIT S

SHEET 1 OF 13

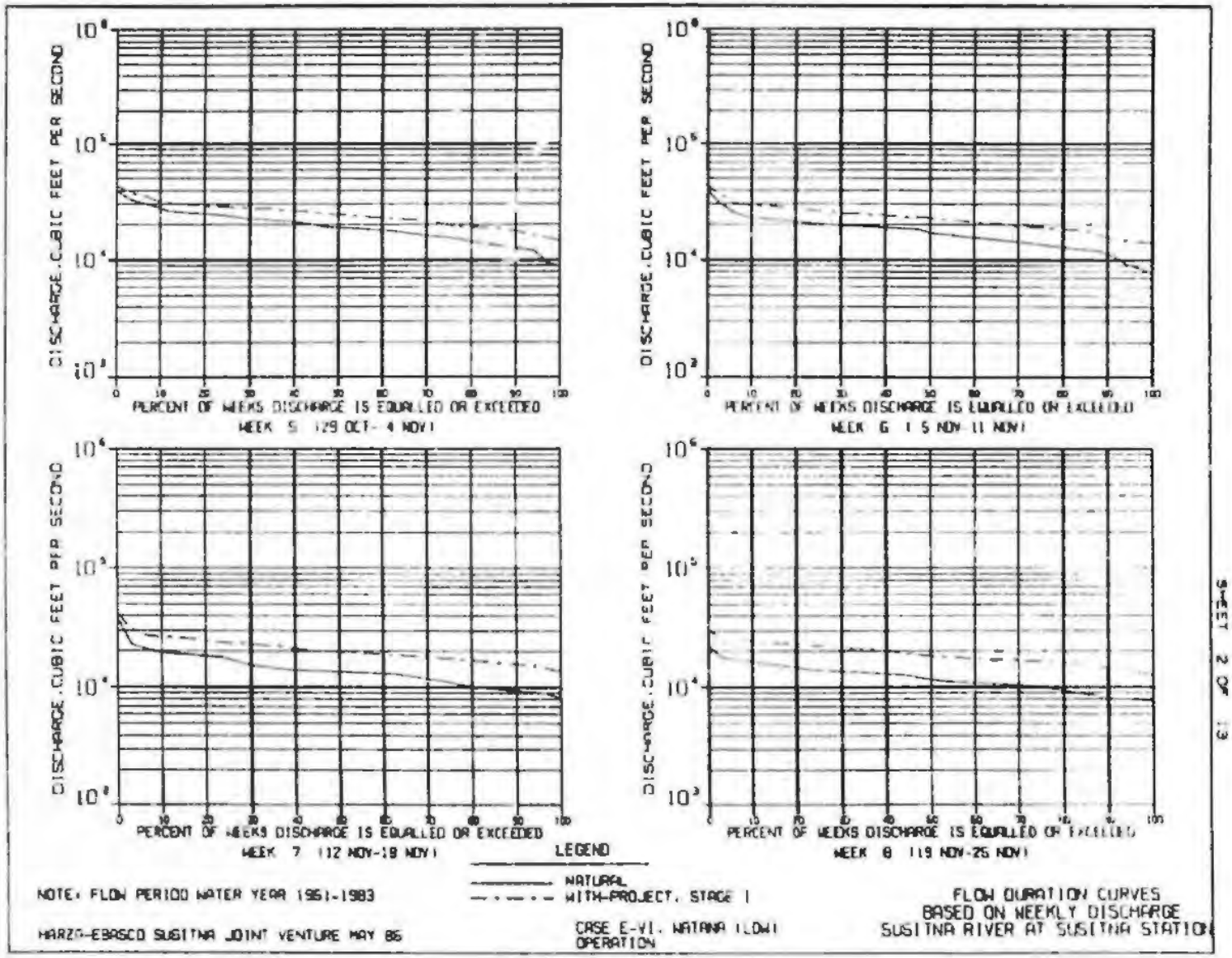


EXHIBIT S
SHEET 2 OF 13

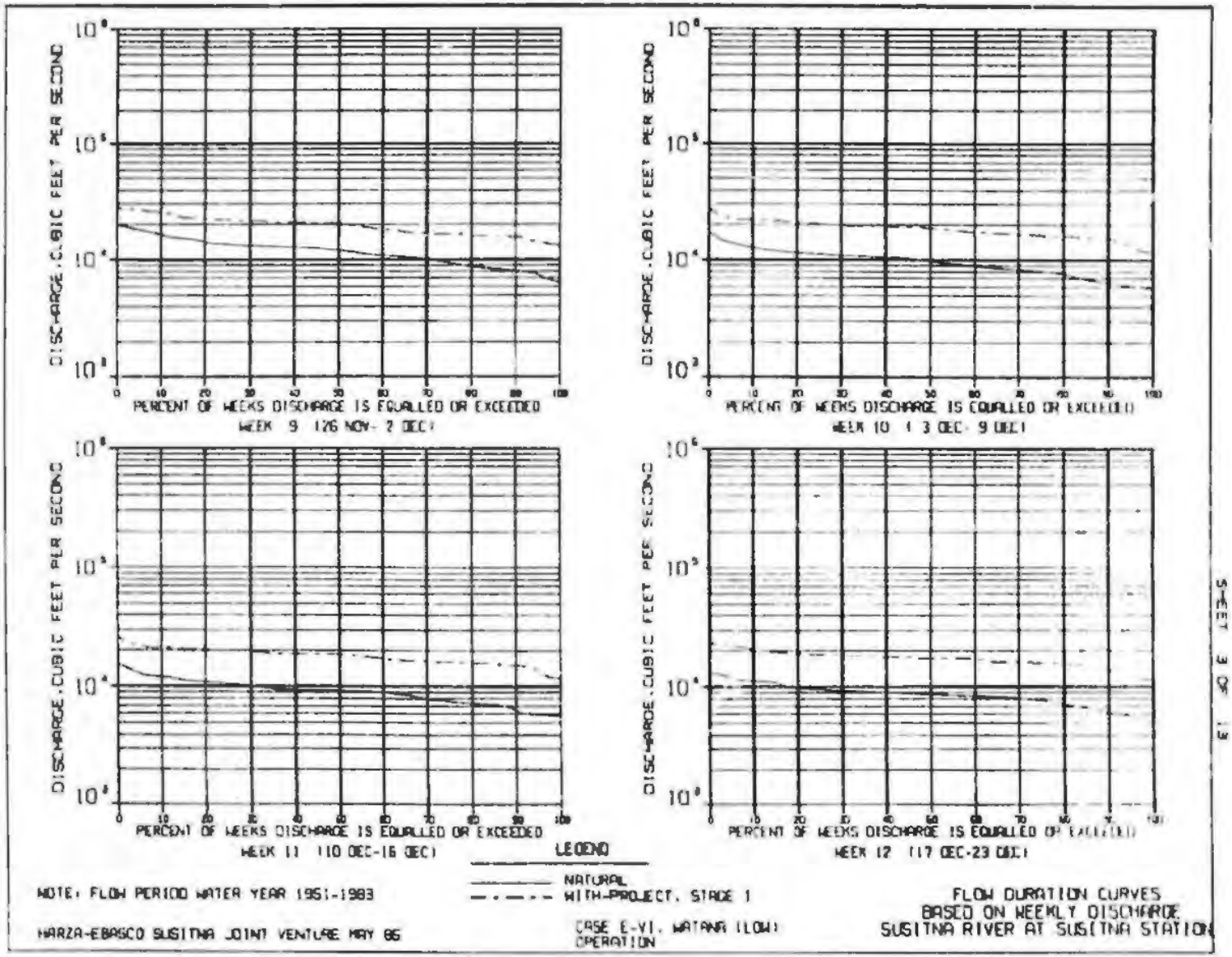


EXHIBIT S
SHEET 3 OF 13

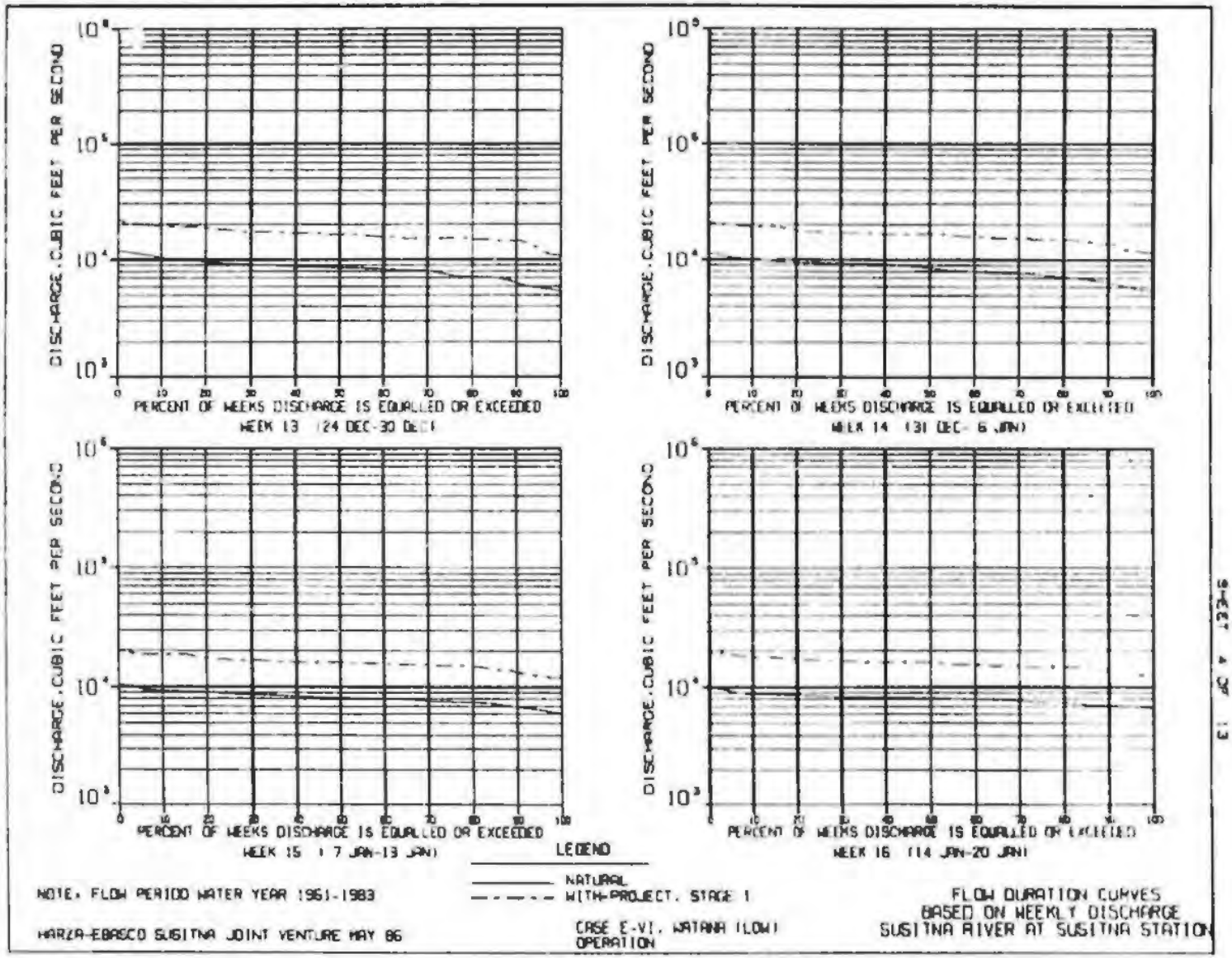


EXHIBIT S
9-27-4 PG 13 E

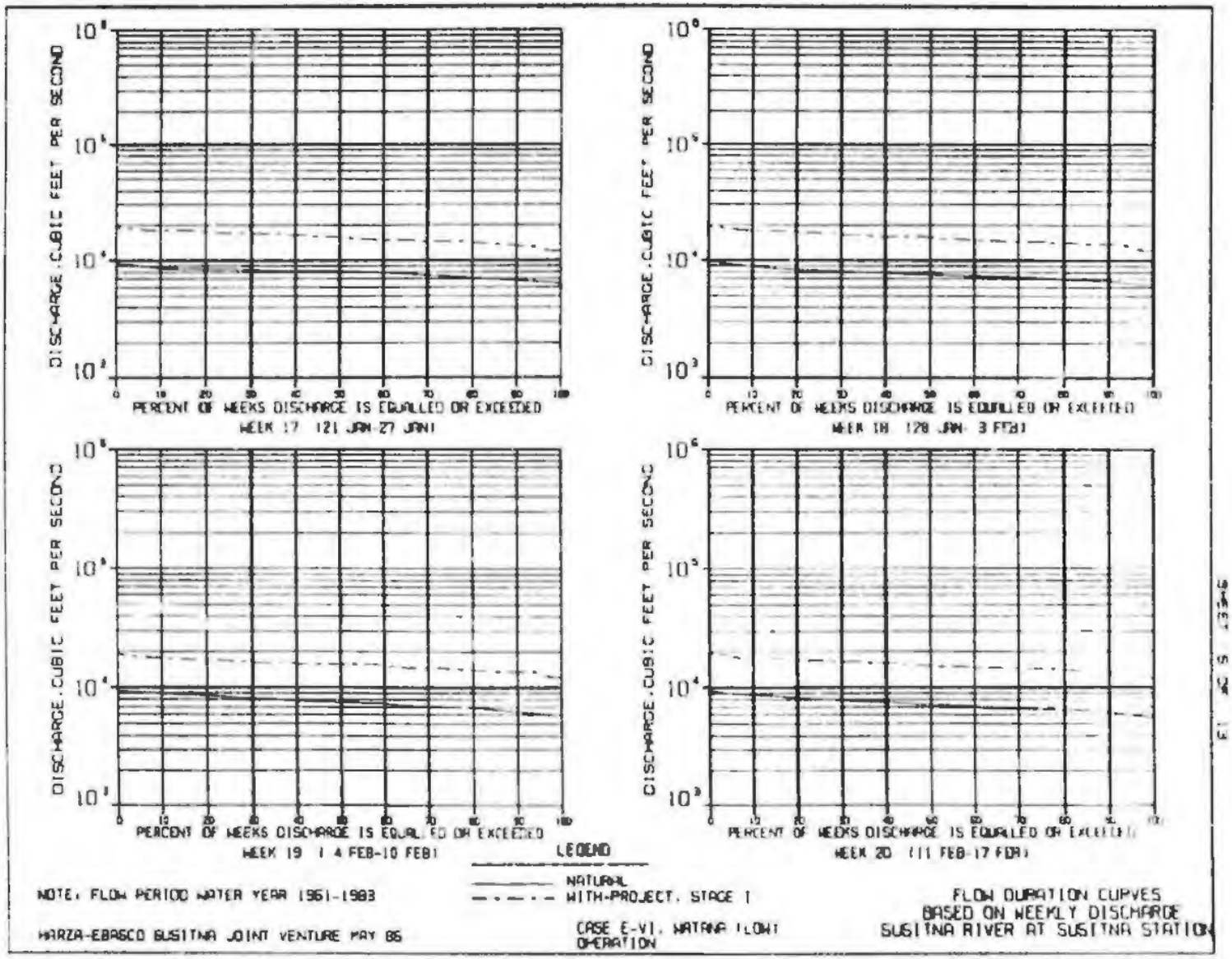

DISCHARGE, CUBIC FEET PER SECOND
PERCENT OF WEEKS DISCHARGE IS EQUALLED OR EXCEEDED
WEEK 17 (21 JAN-27 JAN)
WEEK 18 (28 JAN- 3 FEB)
WEEK 19 (4 FEB-10 FEB)
WEEK 20 (11 FEB-17 FEB)
LEGEND
NATURAL
WITH-PROJECT, STAGE I
NOTE: FLOW PERIOD WATER YEAR 1951-1983
HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85
CASE E-VI, NATANA FLOW OPERATION
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUSITNA STATION

Exhibit S

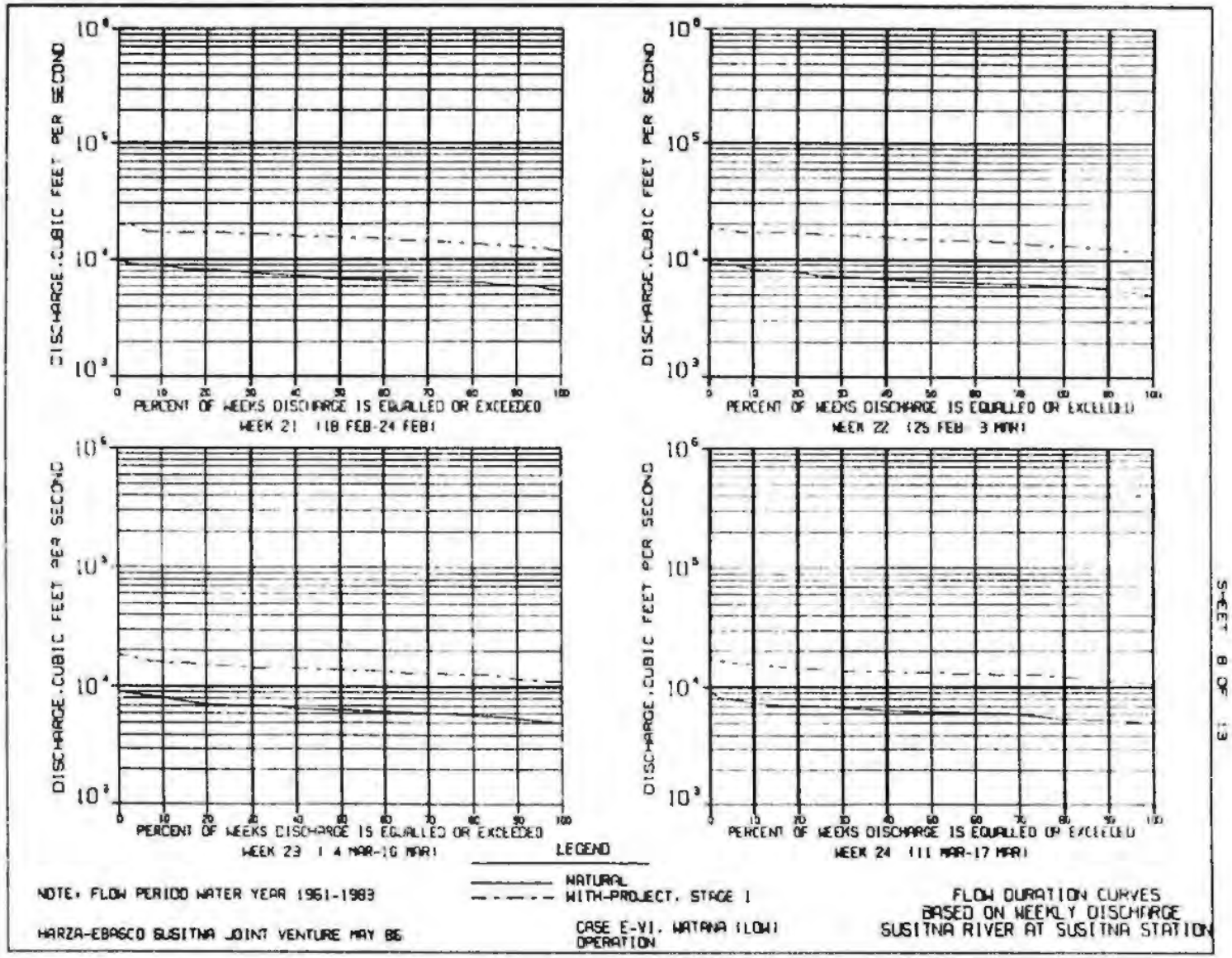


EXHIBIT S
SHEET 8 OF 13

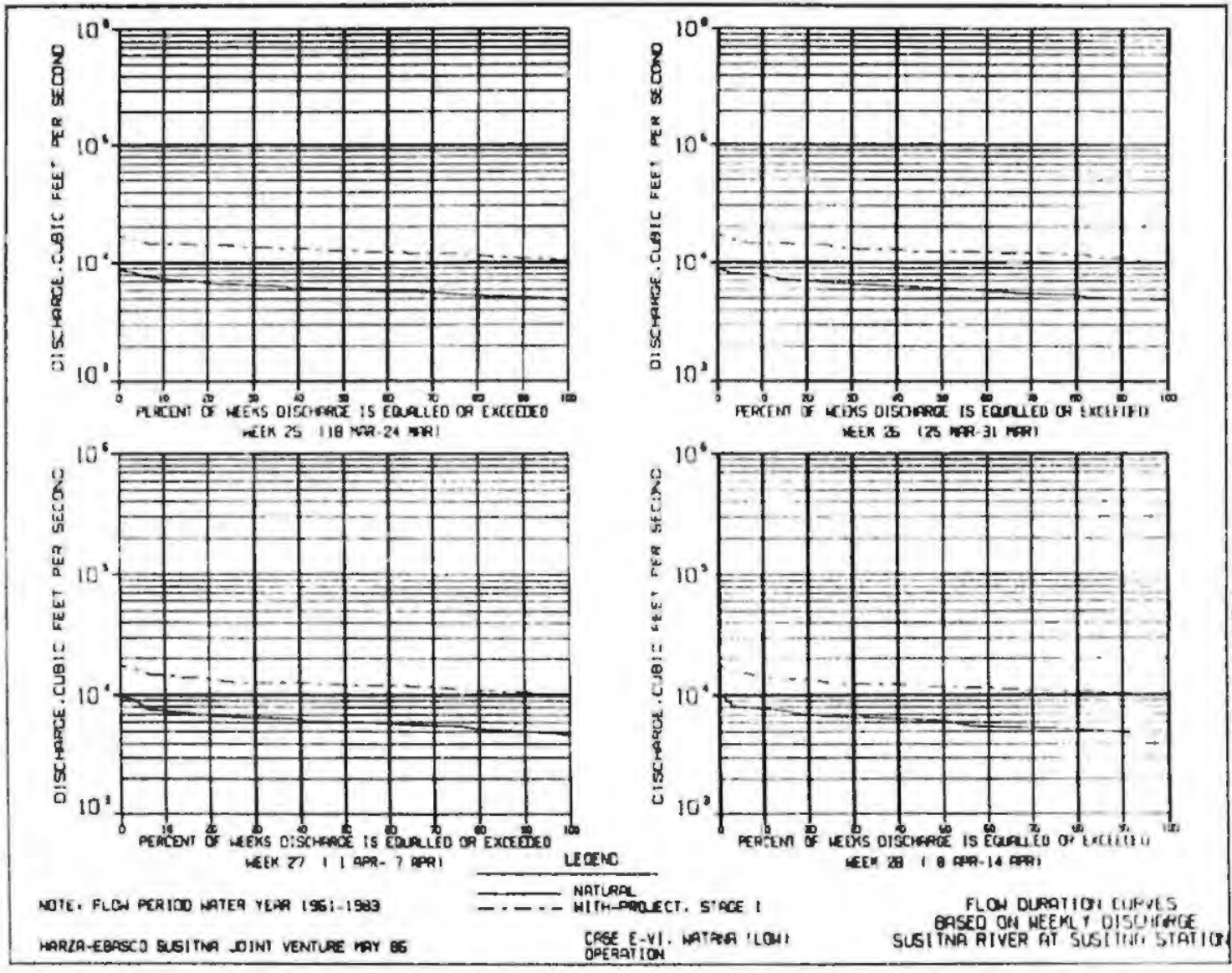


EXHIBIT S
SHEET 7 OF 13

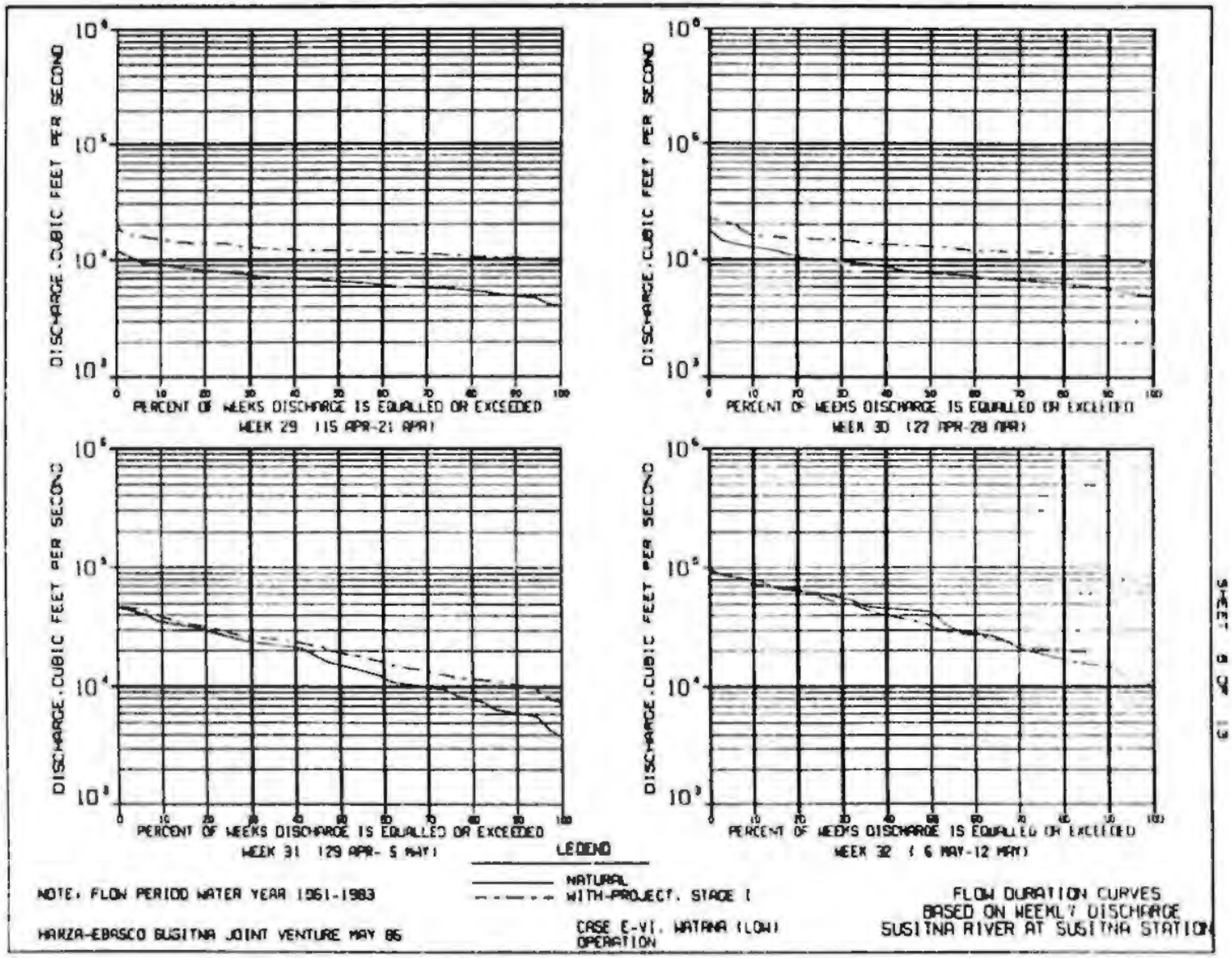


EXHIBIT S

SHEET 8 OF 13

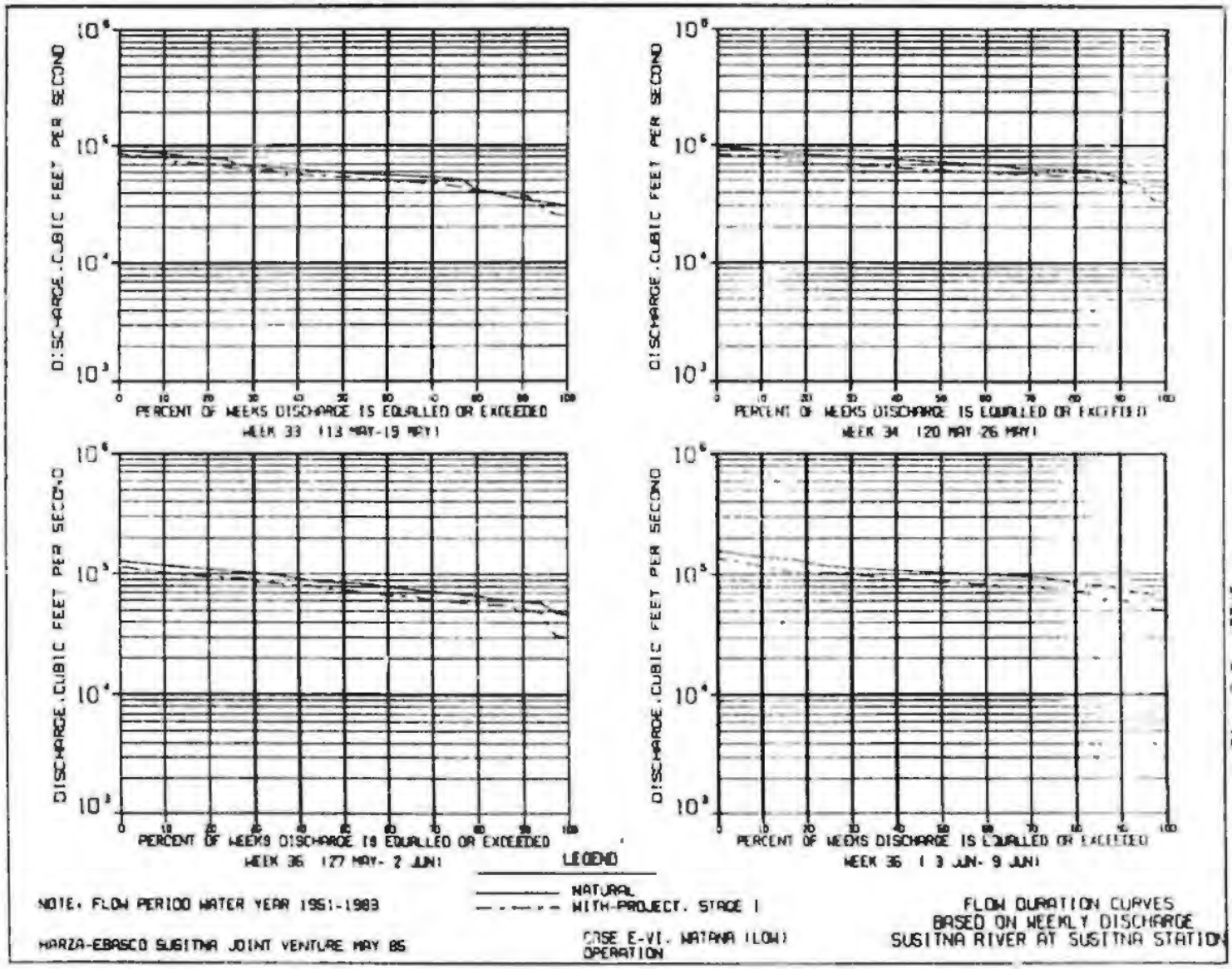


EXHIBIT S
SHEET 9 OF 13

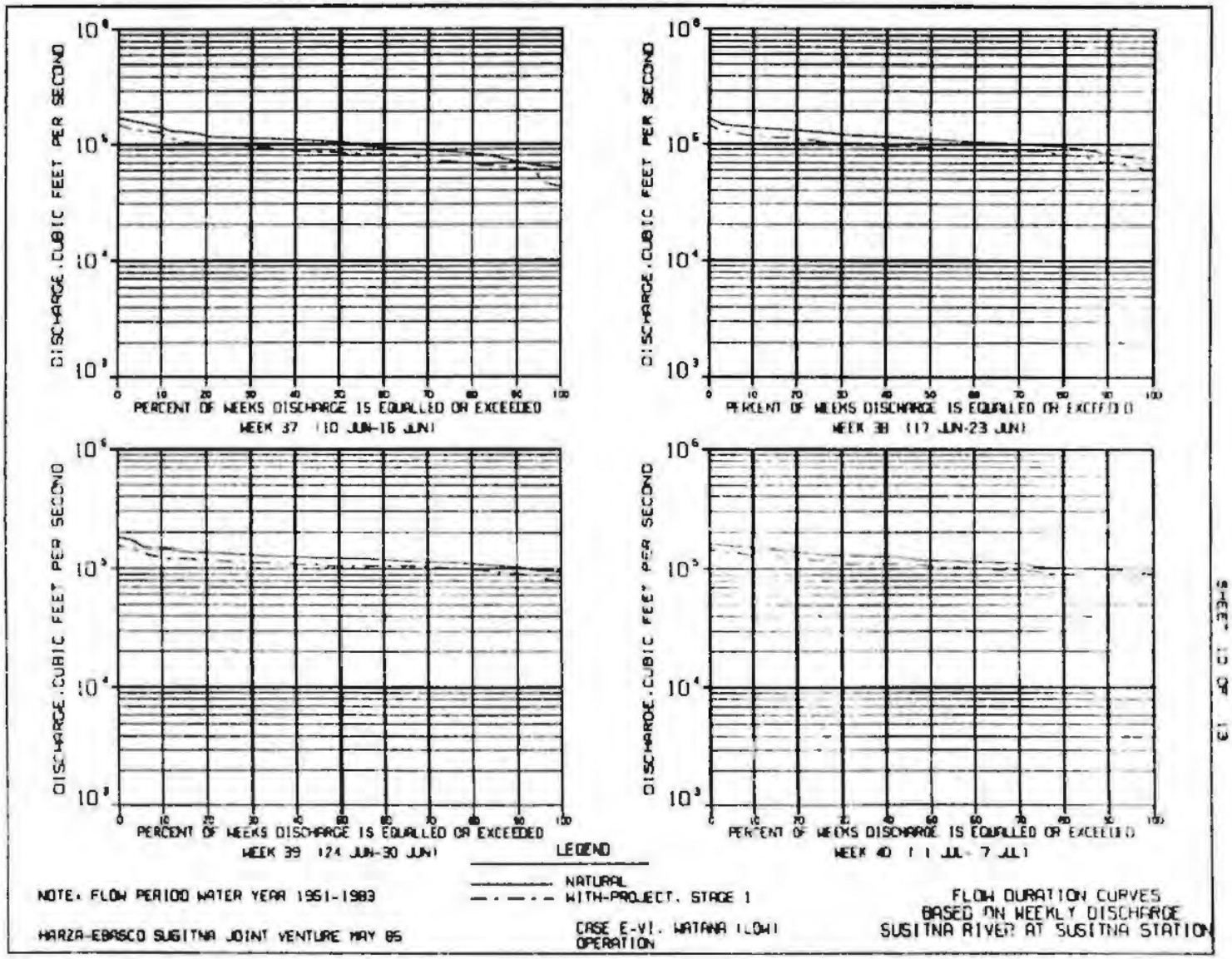
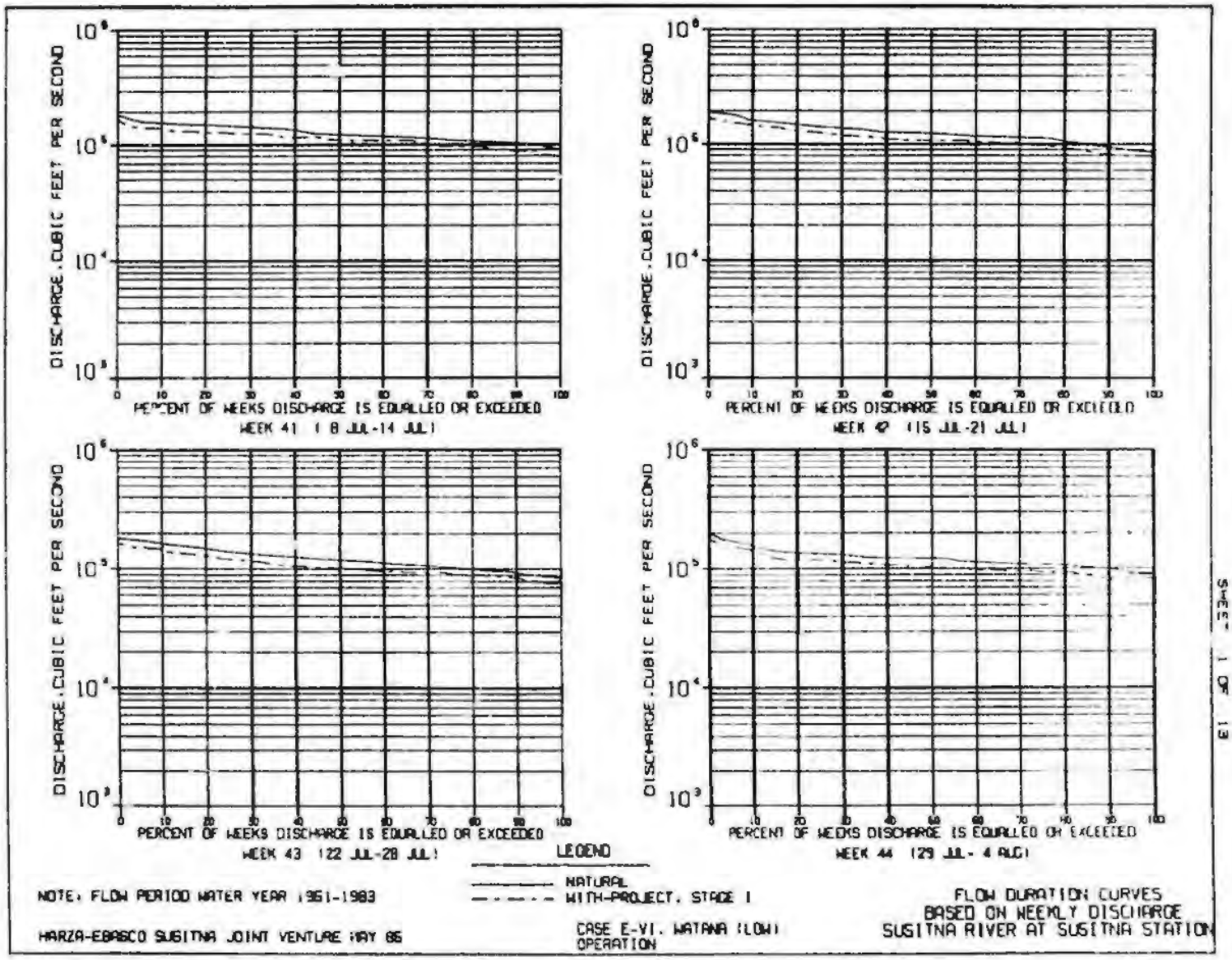


EXHIBIT S
SHEET 13 OF 13



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SHEET 1 OF 13

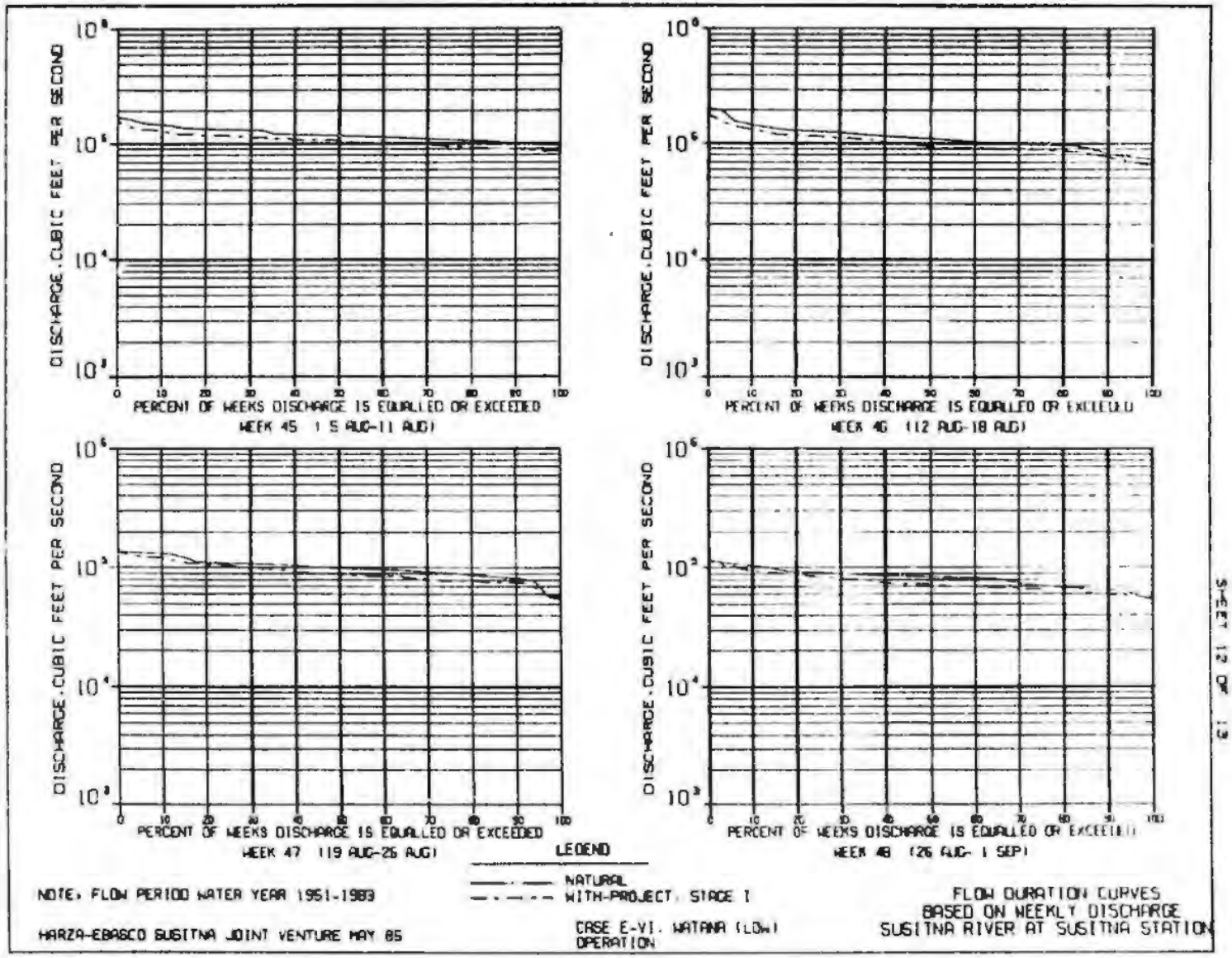
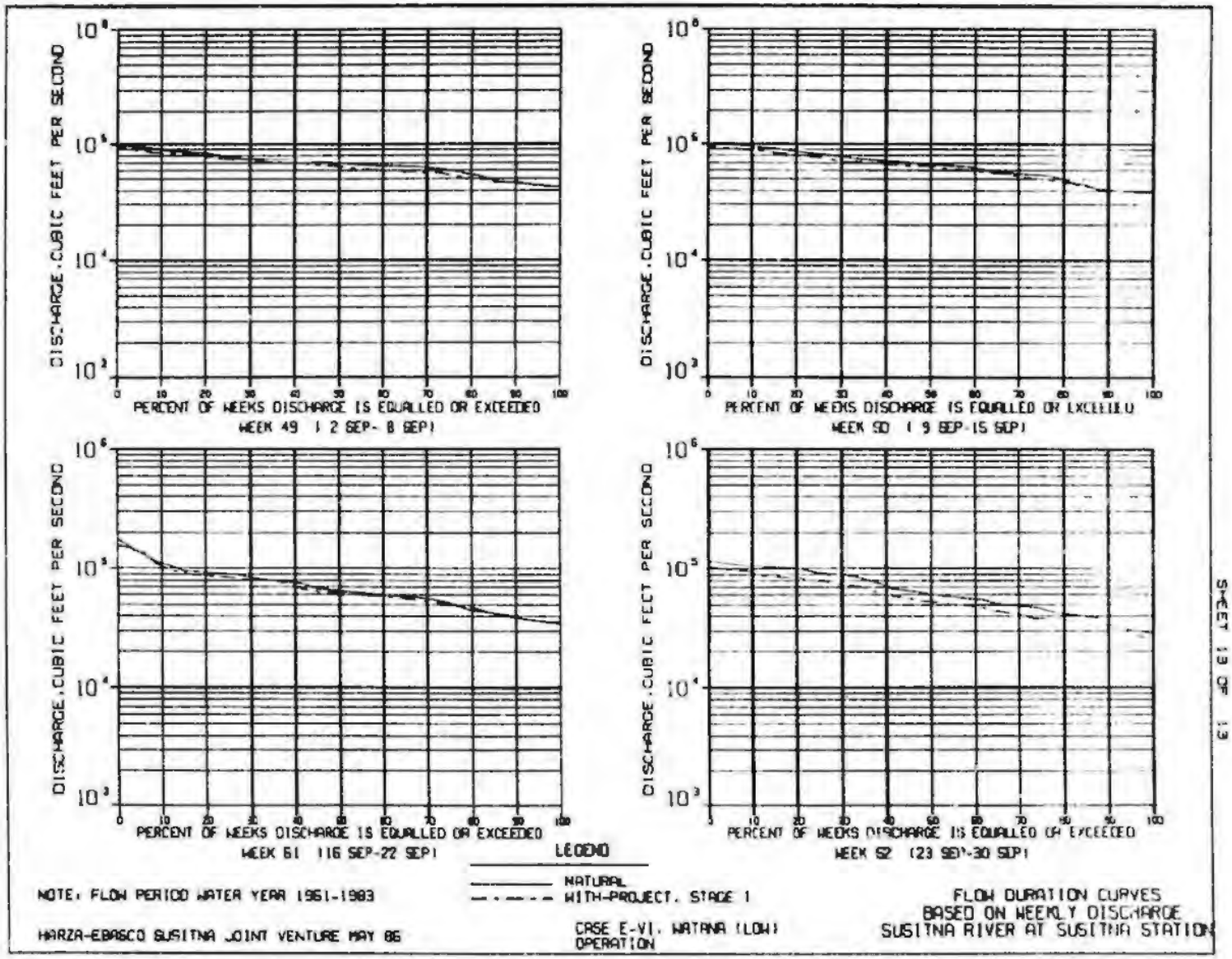


EXHIBIT S

SHEET 12 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

CASE E-VI, WATANA (LOW) OPERATION

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

EXHIBIT S
SHEET 13 OF 13

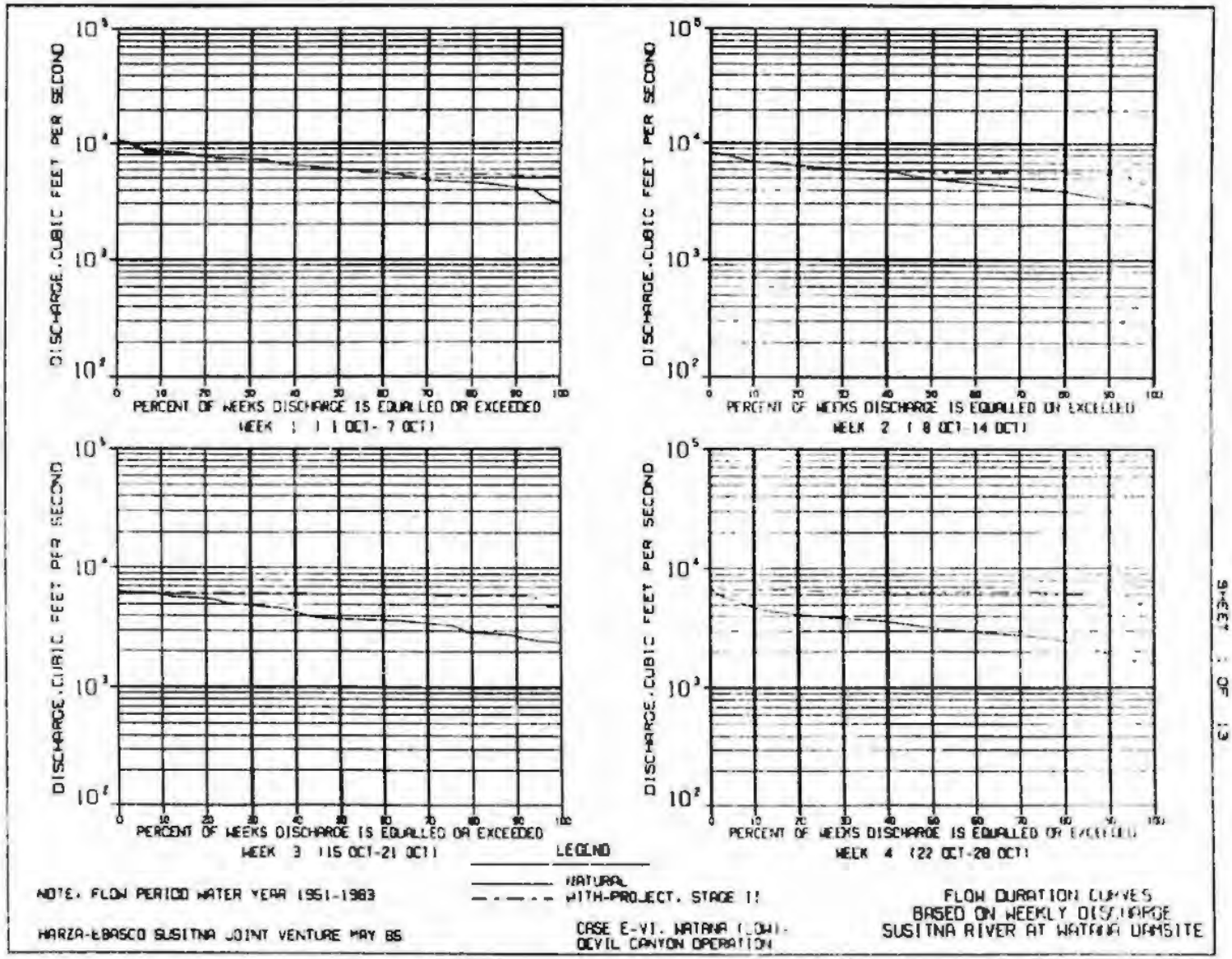
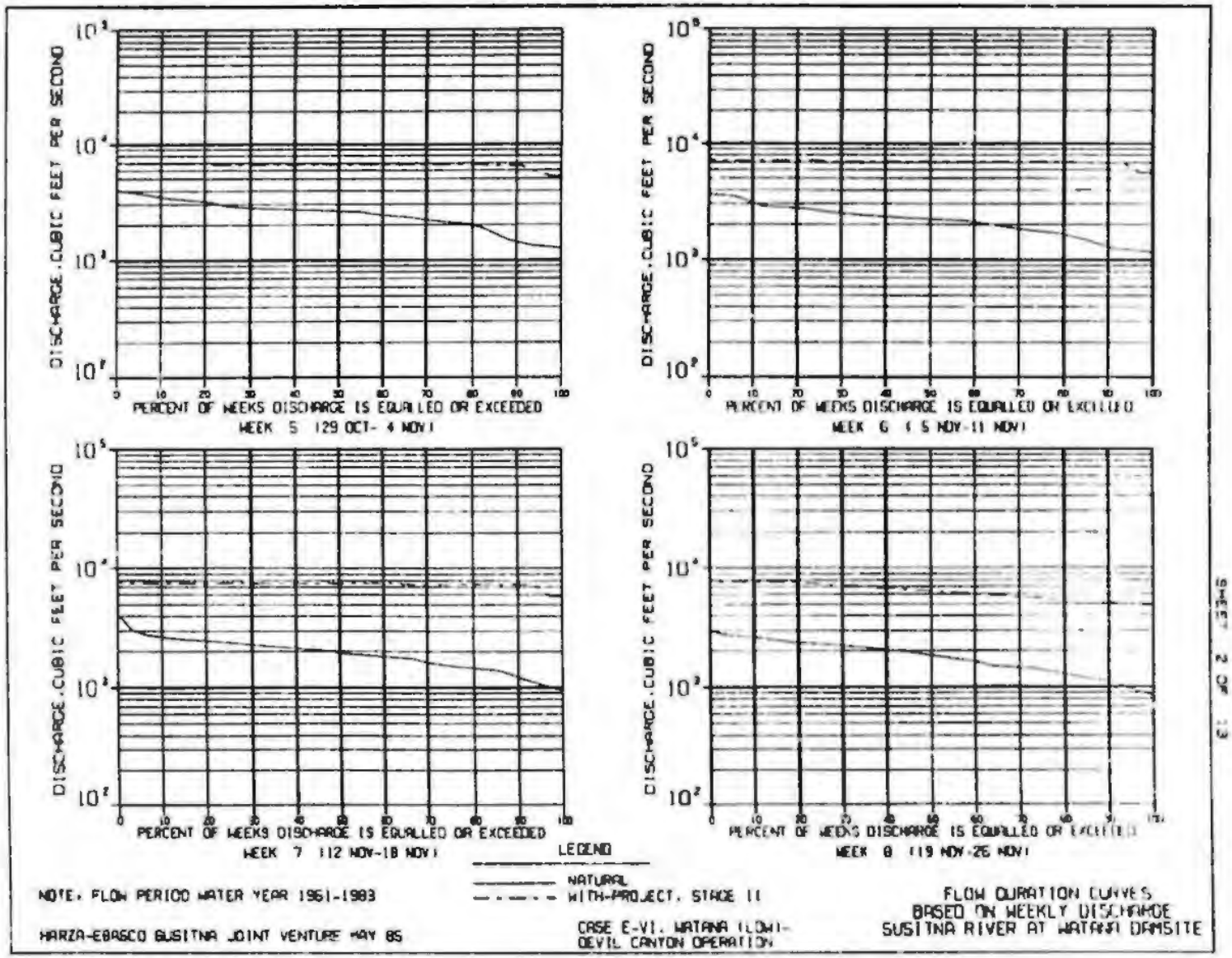


EXHIBIT G
SHEET 1 OF 13



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SHEET 2 OF 13

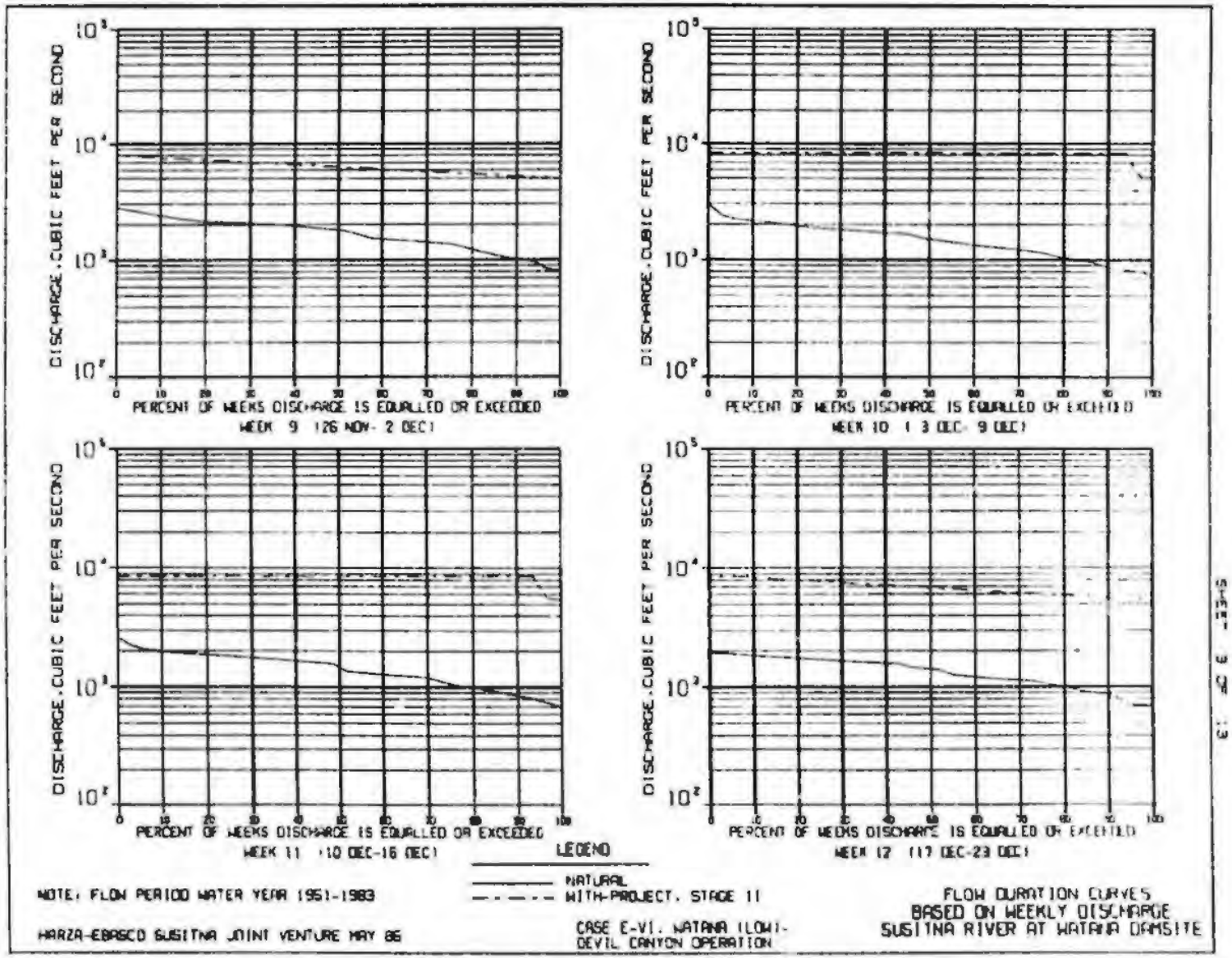
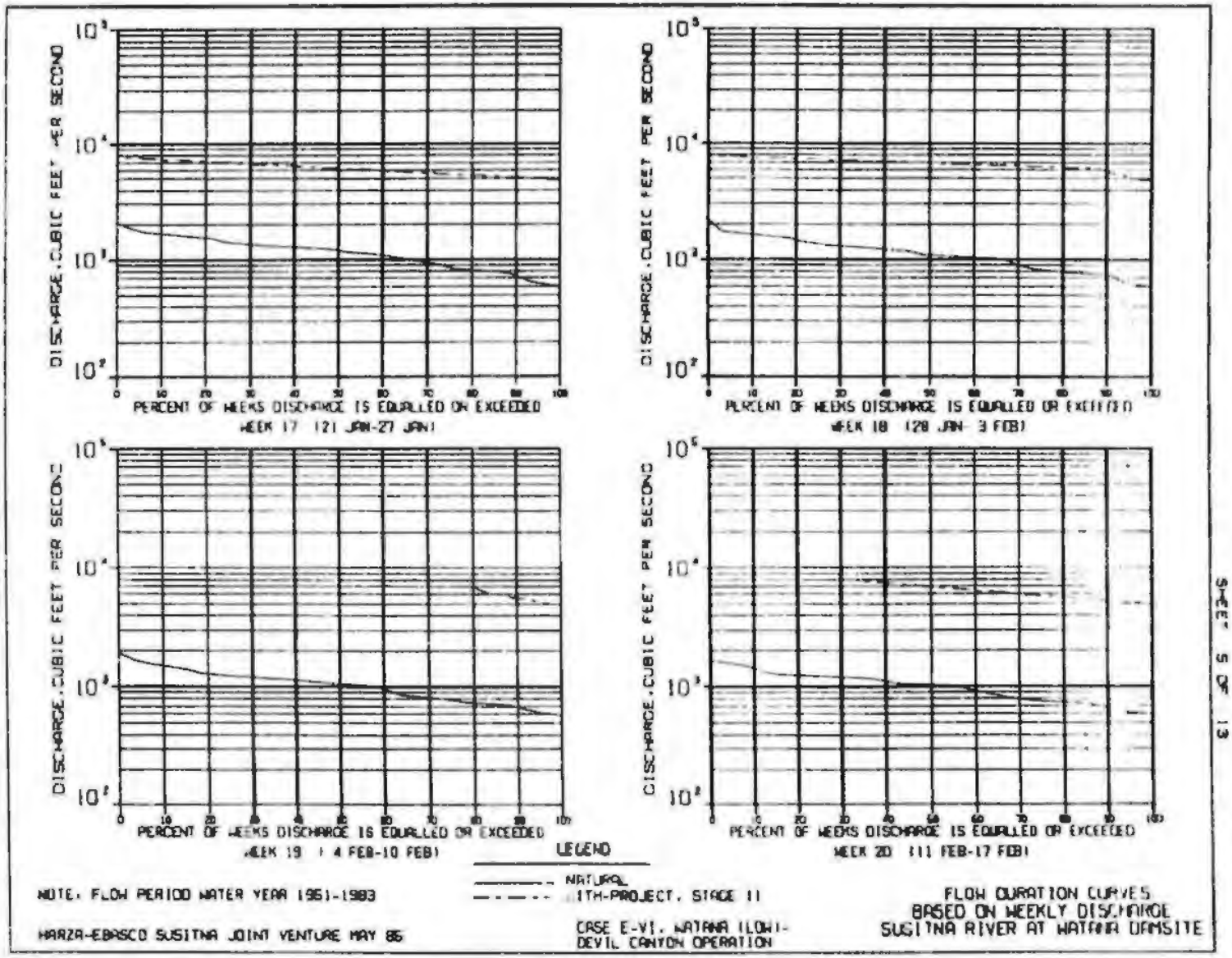


EXHIBIT 6
SHEET 3 OF 13

EXHIBIT 6

SHEET 4 OF 13



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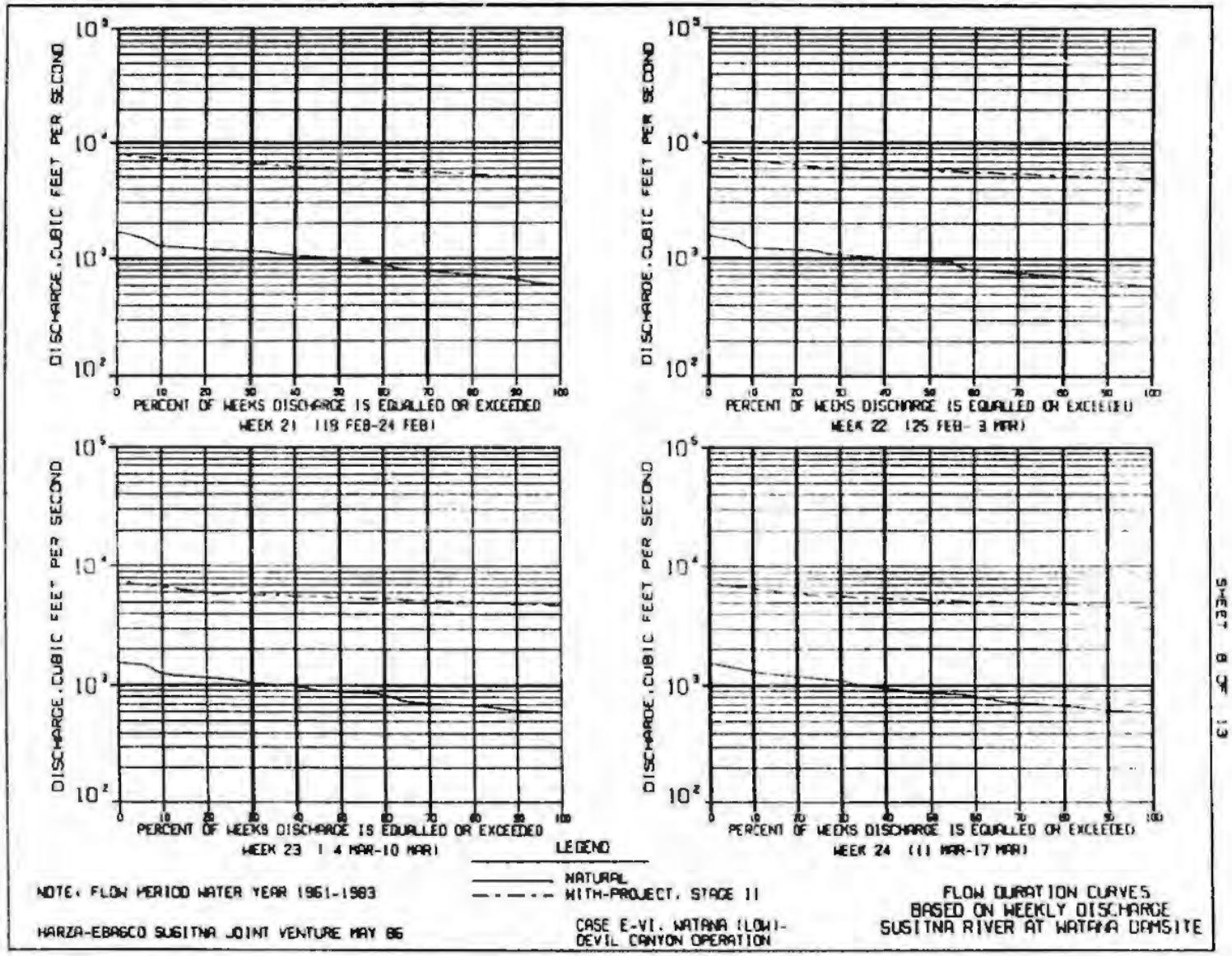
SHEET 5 OF 13



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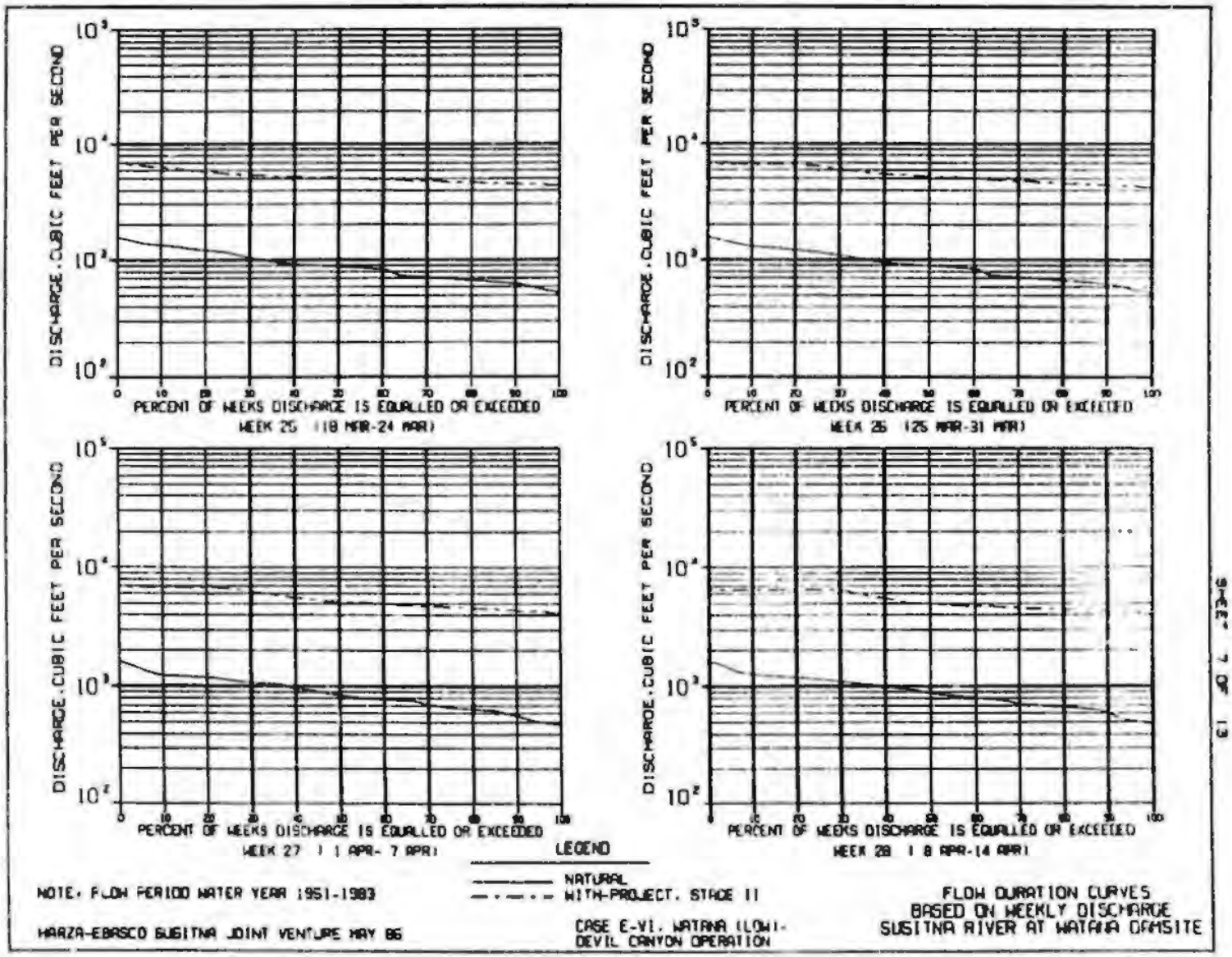
SHEET 8 OF 13



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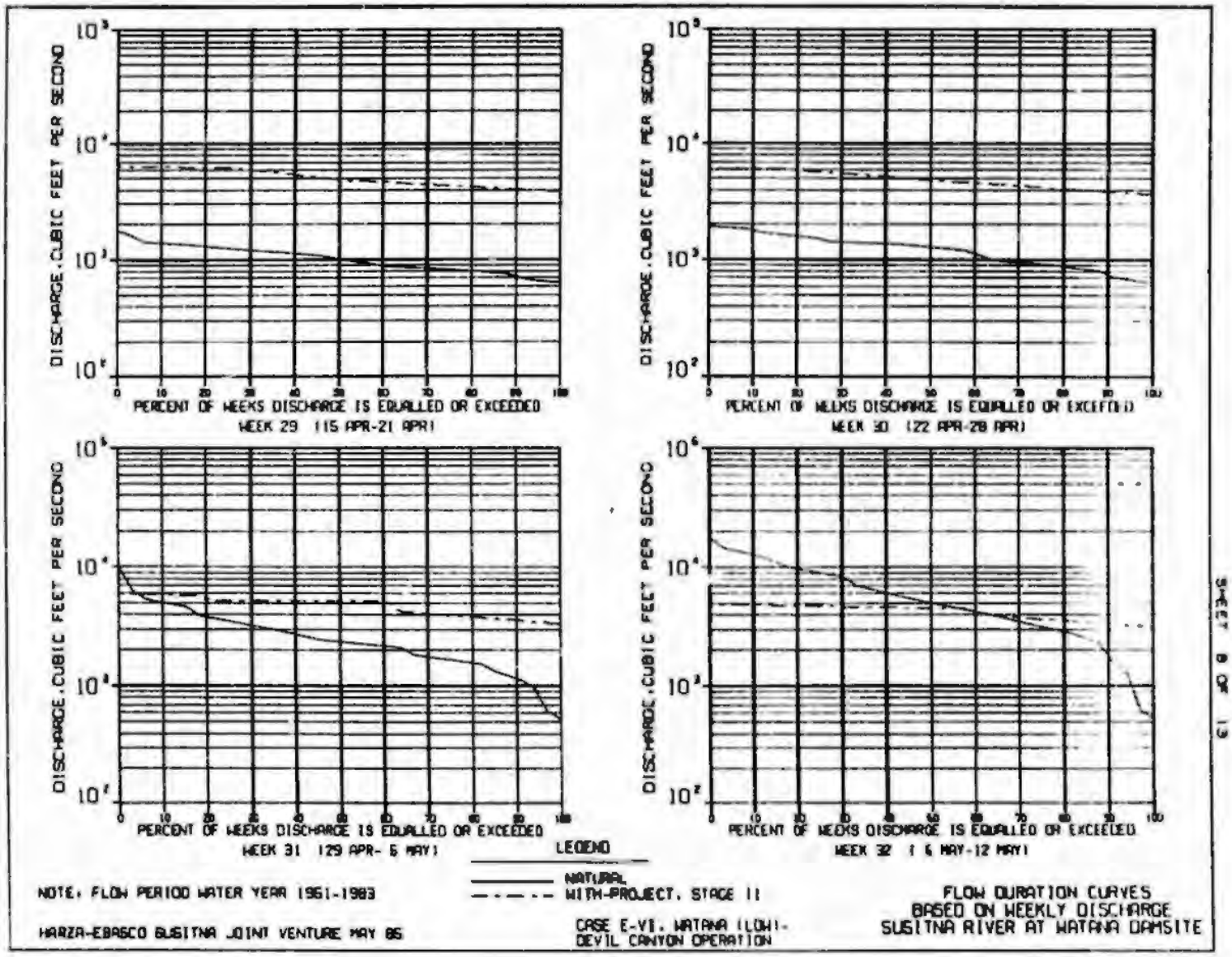
SHEET 7 OF 13



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SHEET 8 OF 13

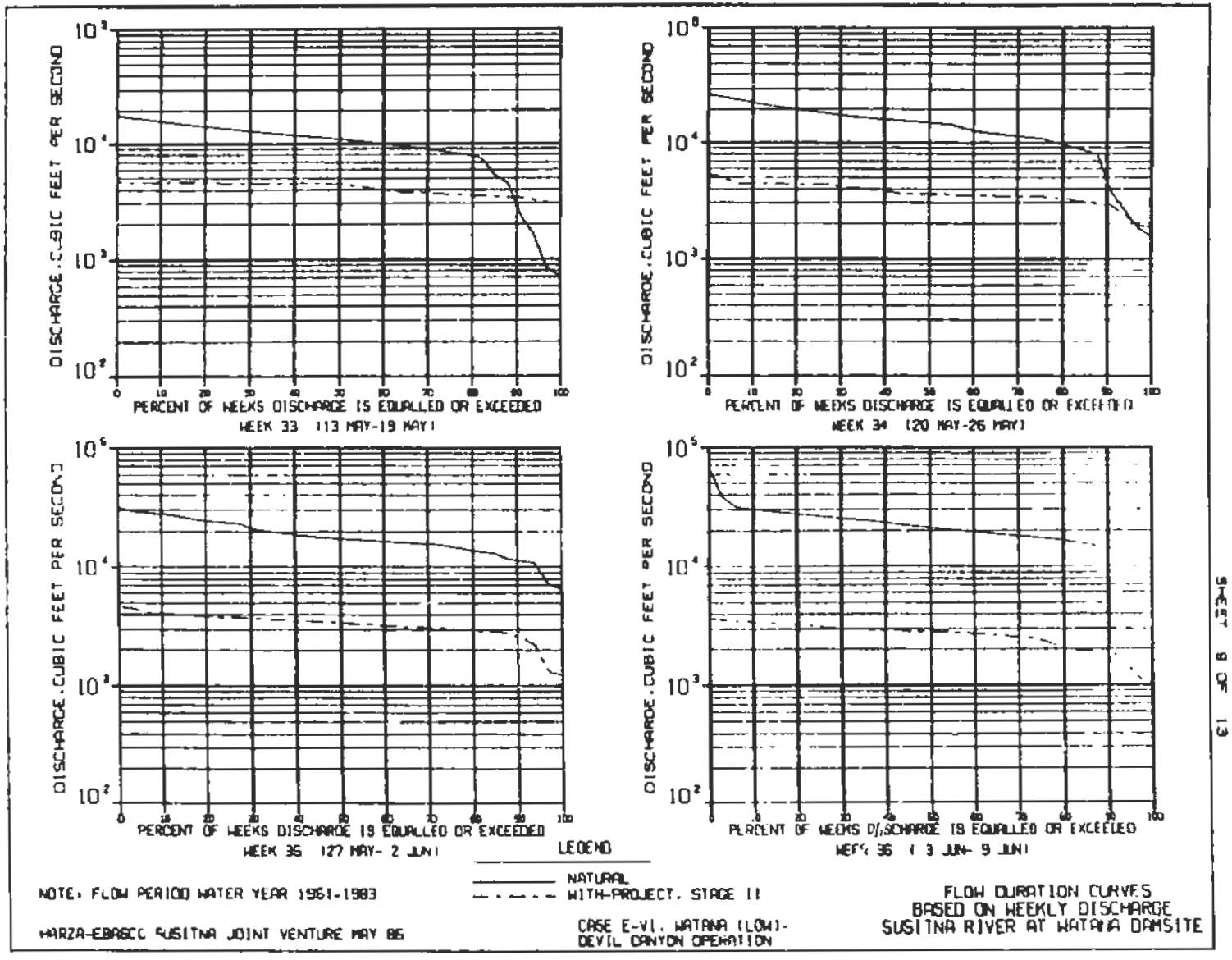
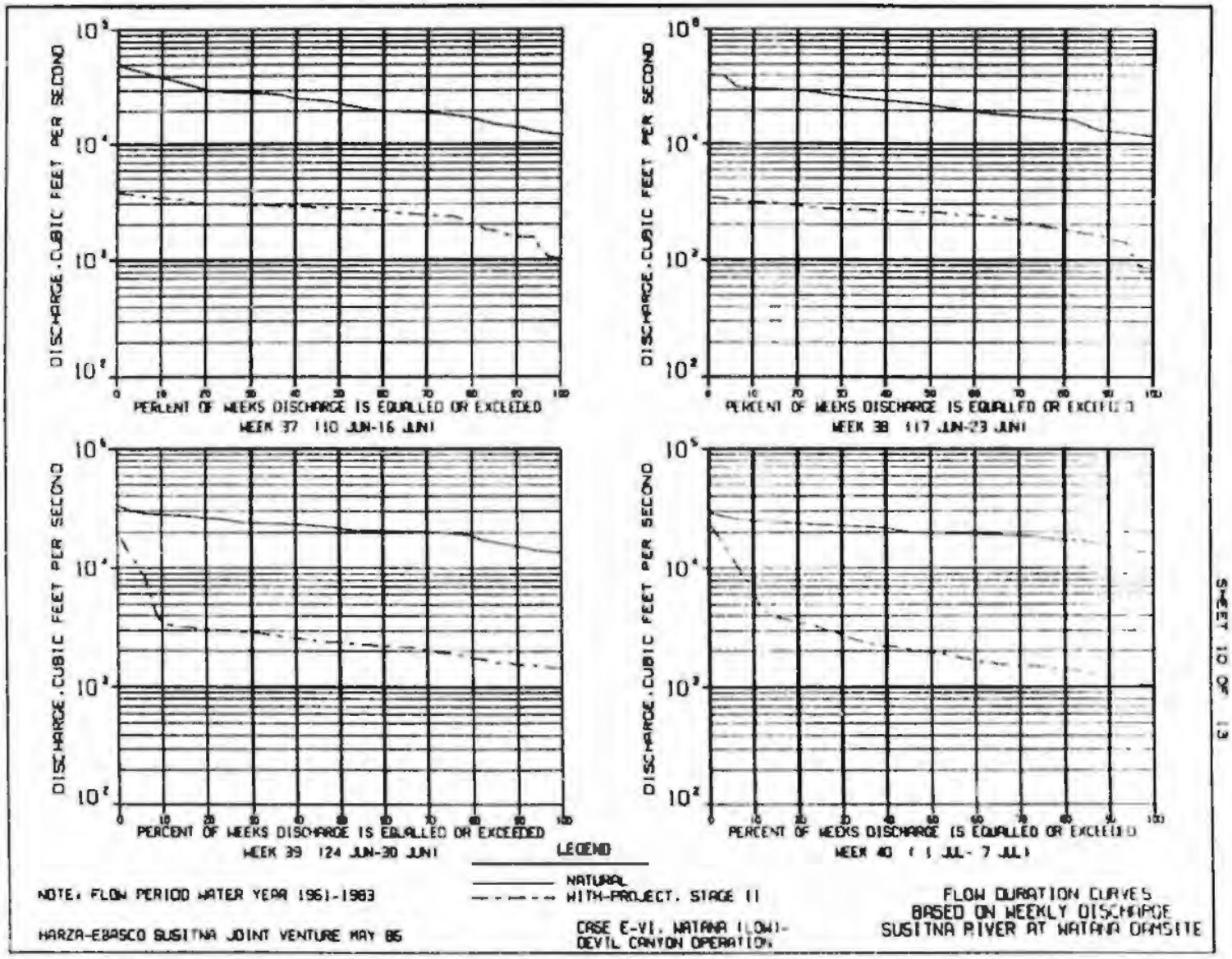


EXHIBIT G
SHEET 8 OF 13



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SHEET 10 OF 13

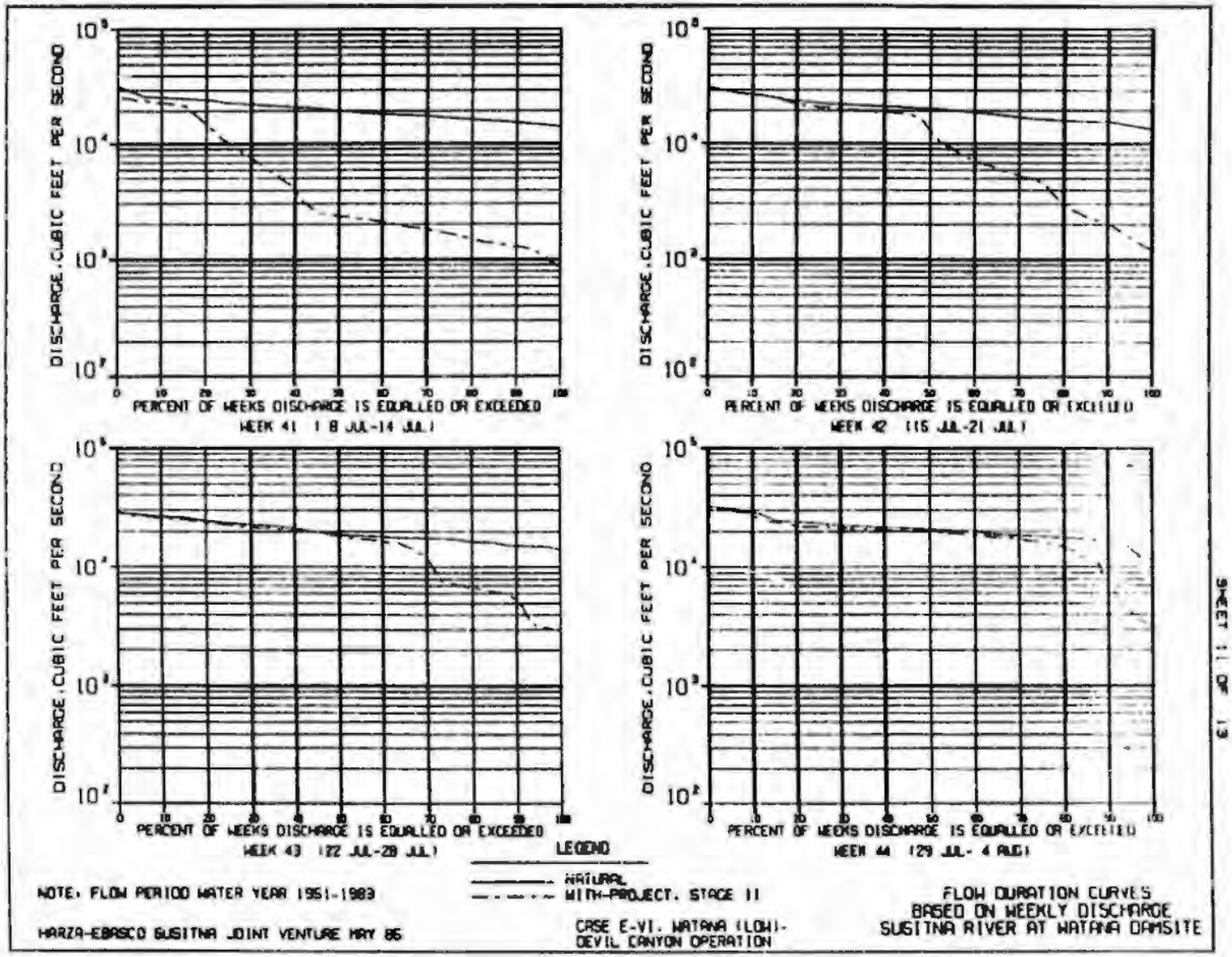
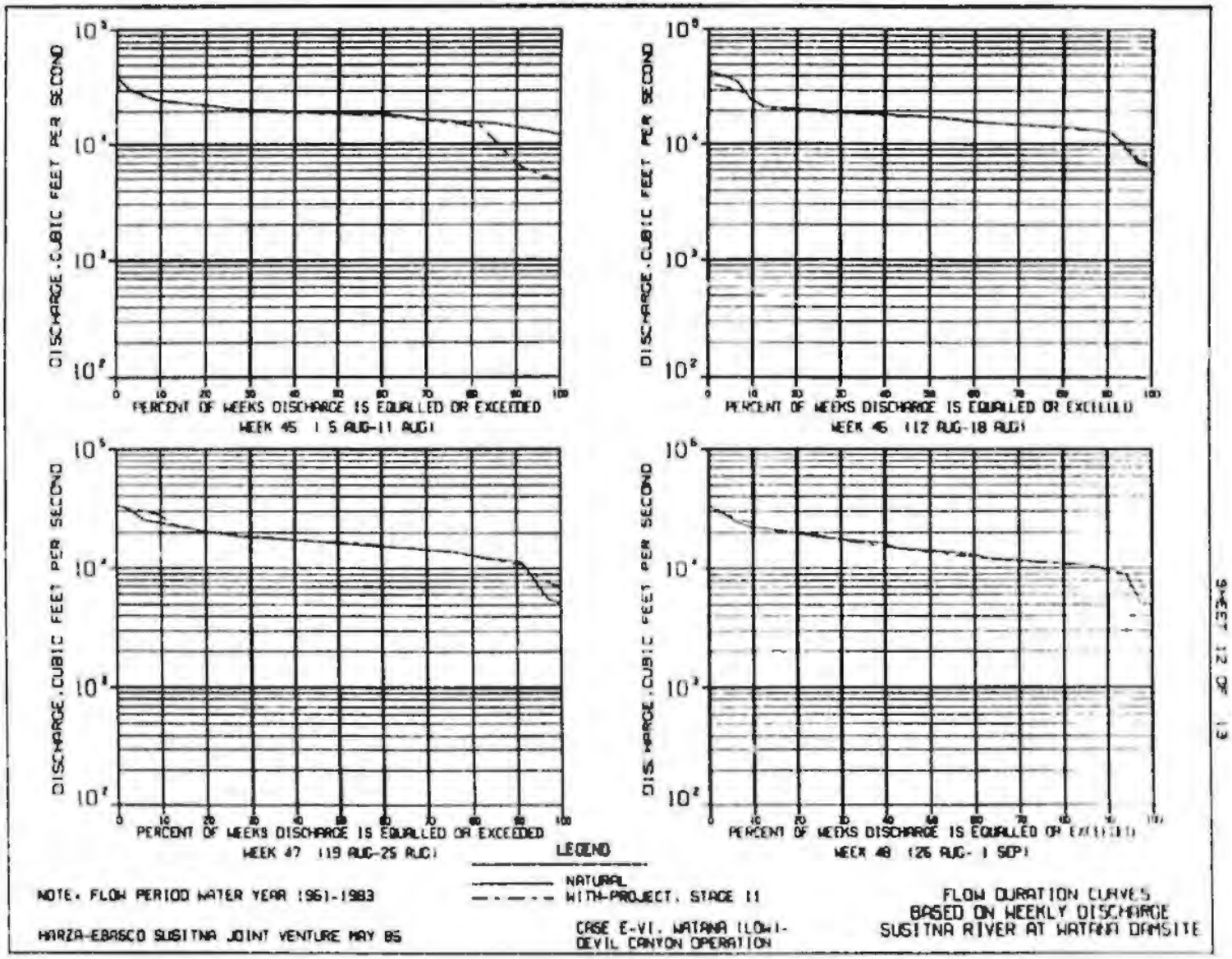


EXHIBIT 6
SHEET 11 OF 13



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9-SEP-13 12:12 OF 13

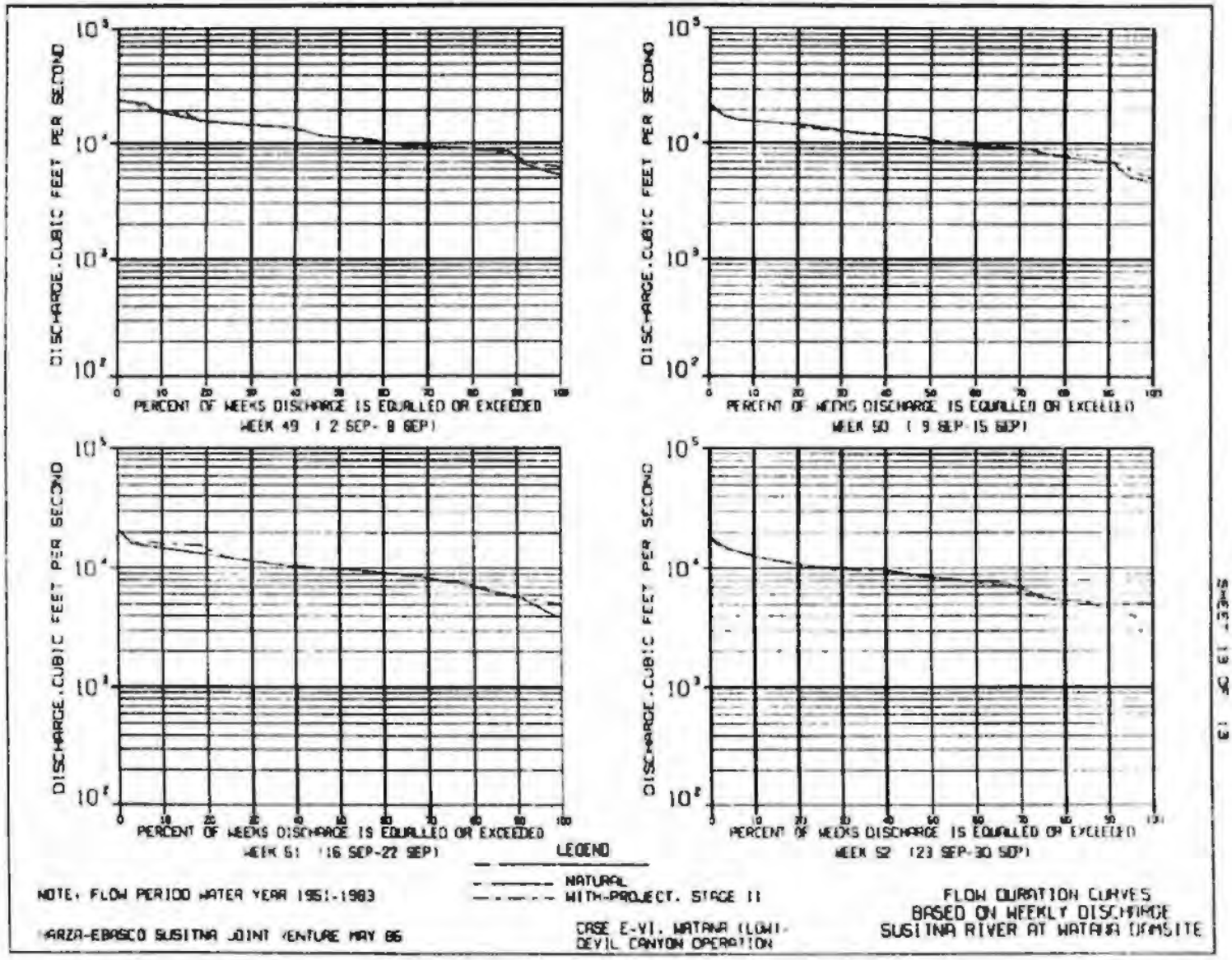
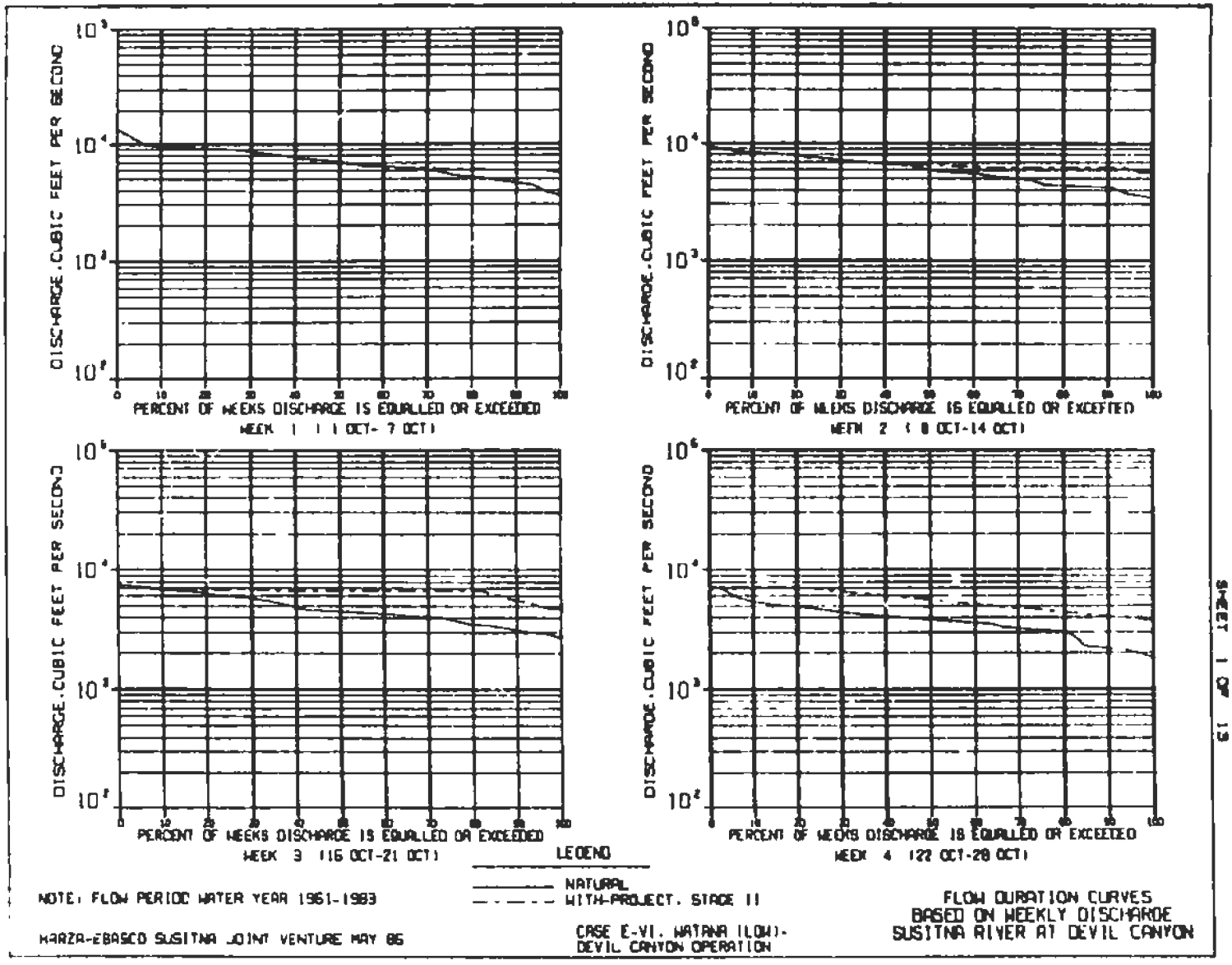


EXHIBIT 6
SHEET 13 OF 13



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SHEET 1 OF 15

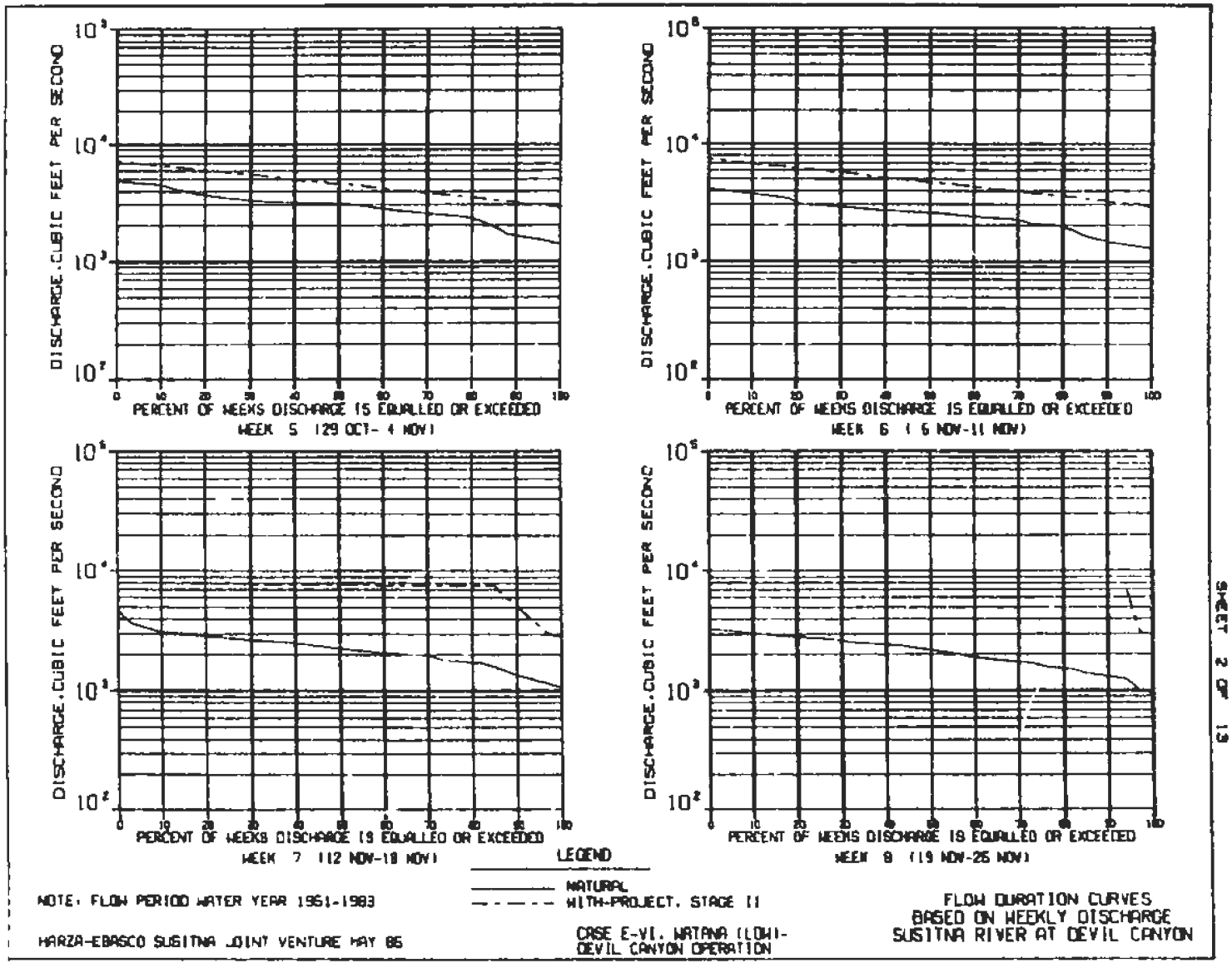


EXHIBIT 7
SHEET 2 OF 13

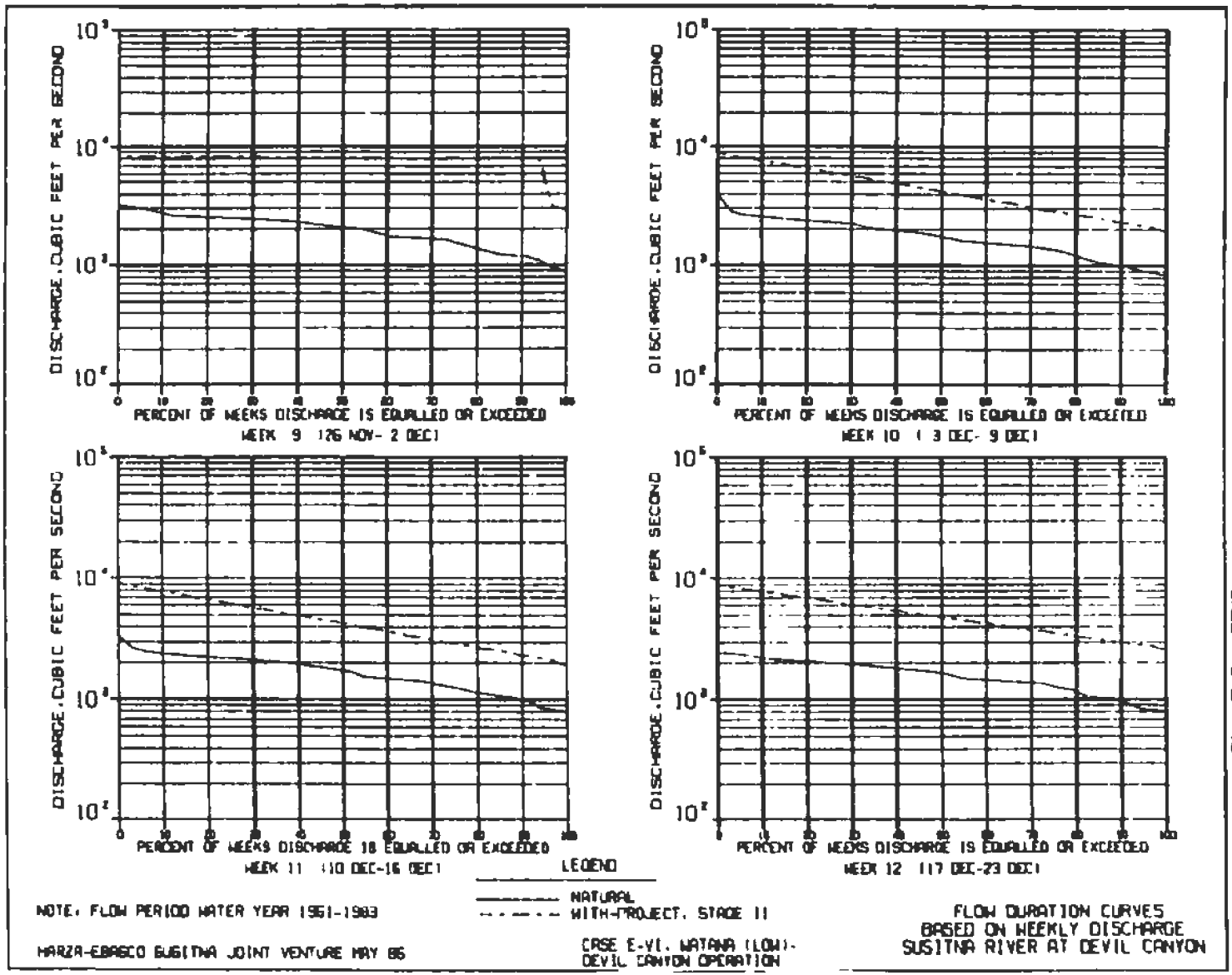
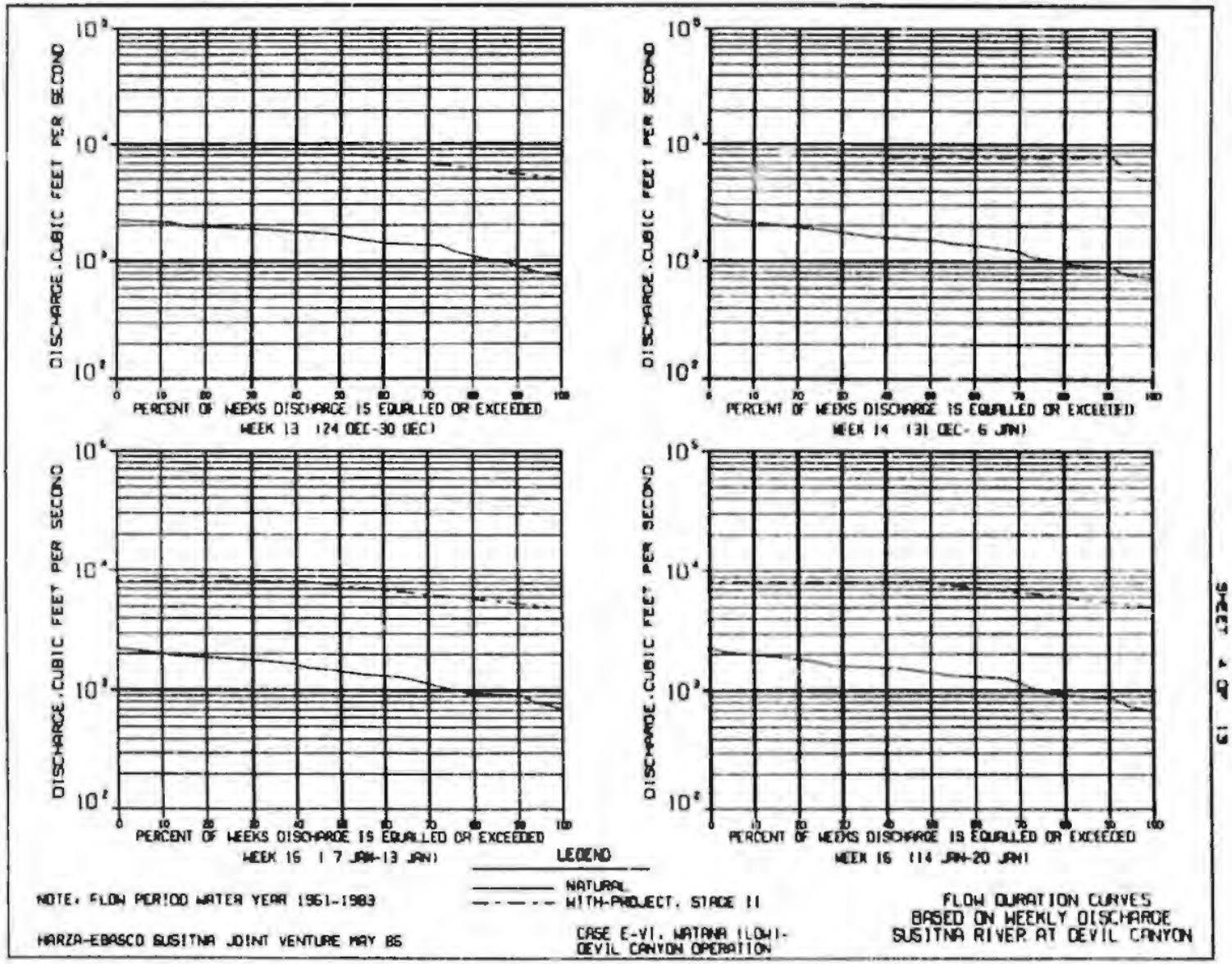


EXHIBIT 7
SHEET 9 OF 19



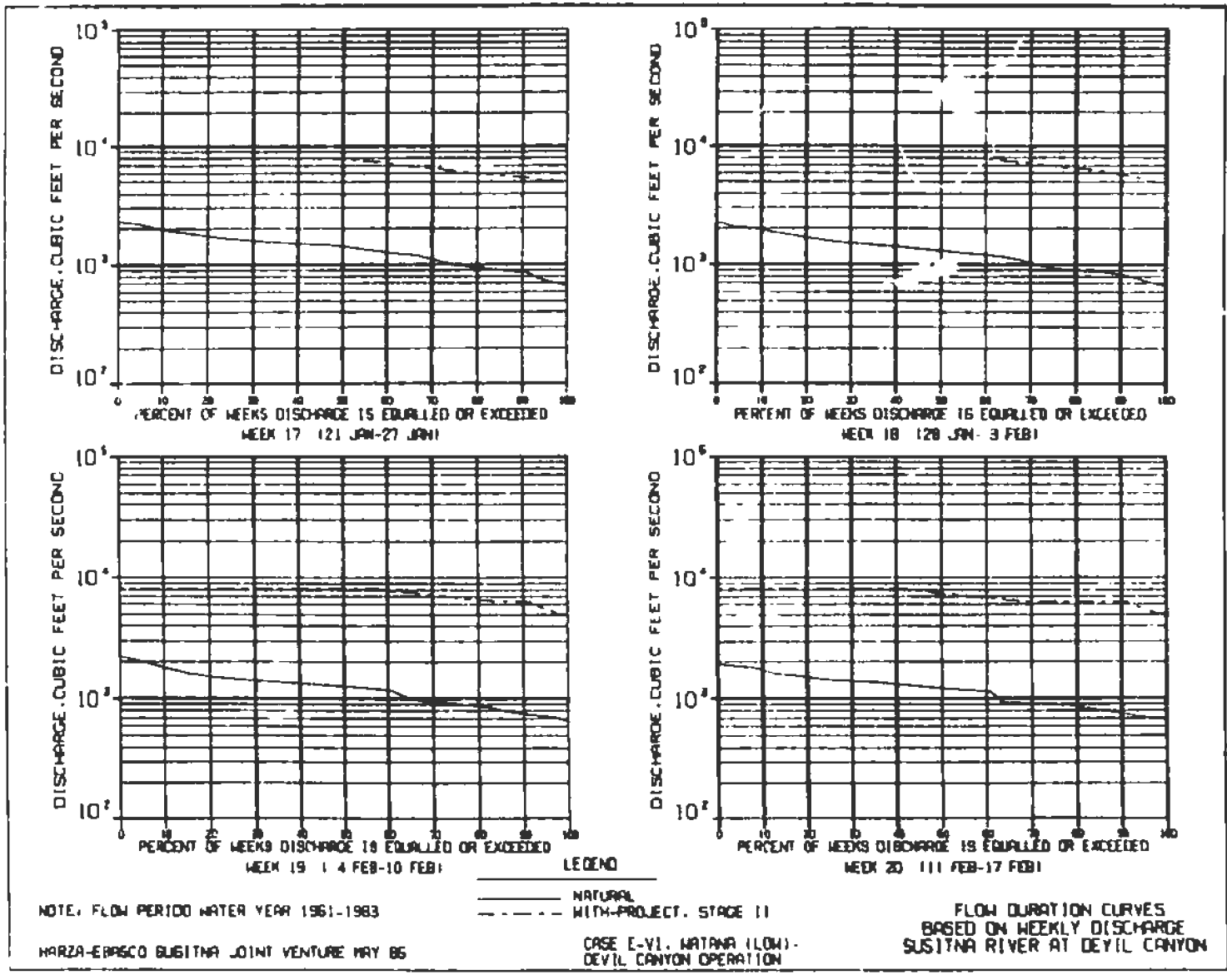
NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

CASE E-VI, WATANA (LOW)-DEVIL CANYON OPERATION

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

EXHIBIT 7
SHEET 2 OF 13



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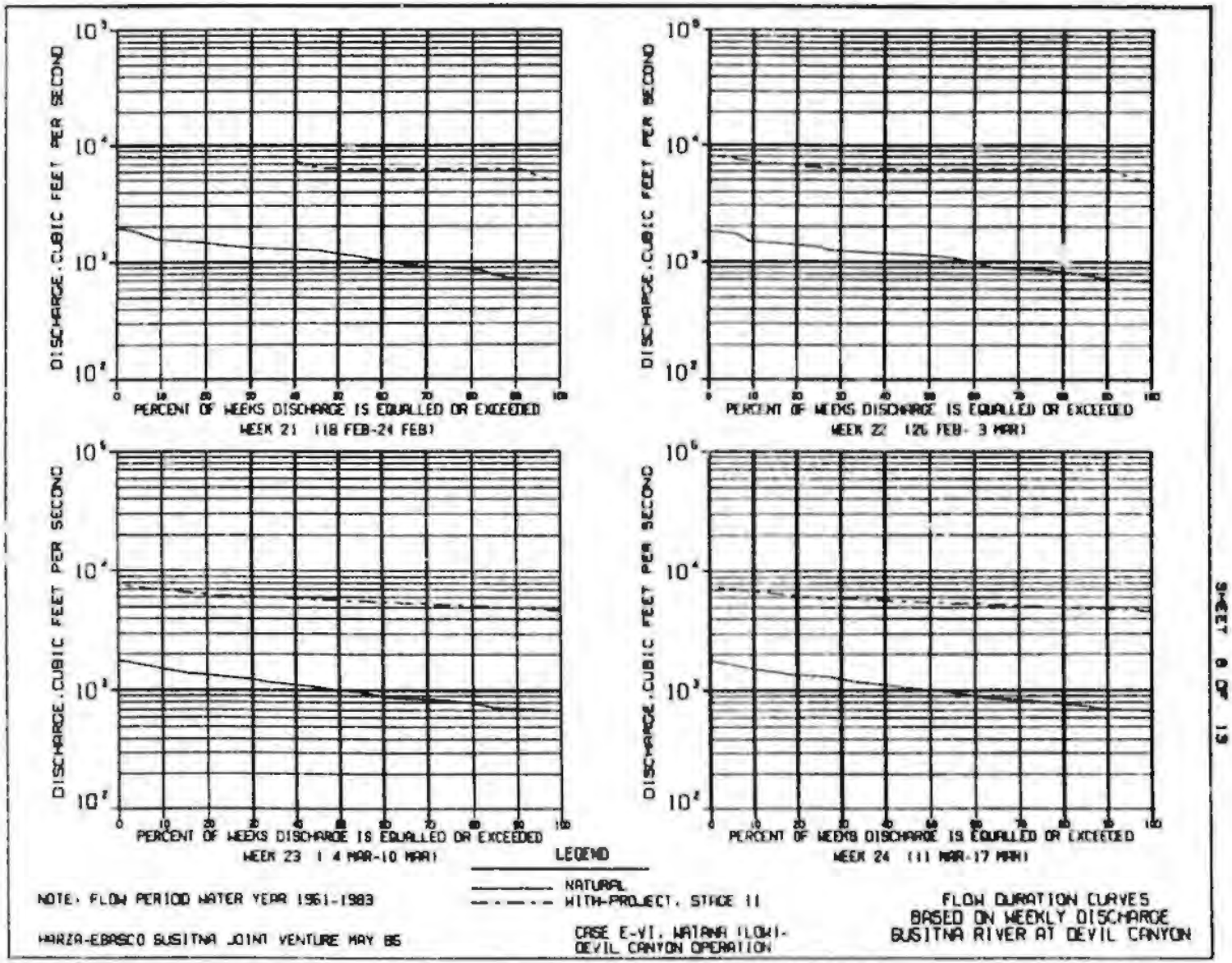


EXHIBIT 7
PAGE 9 OF 13

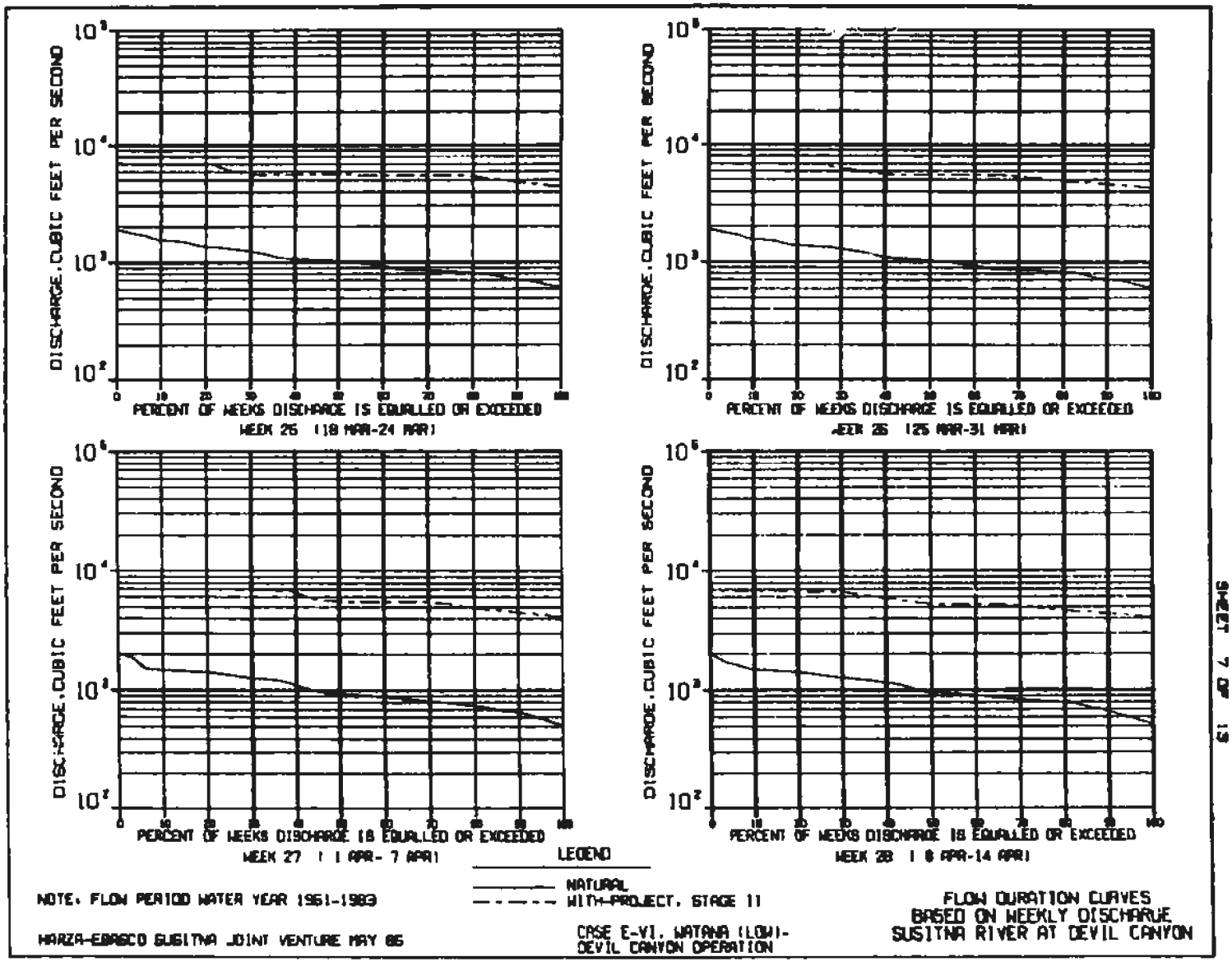


EXHIBIT 7
SHEET 7 OF 13

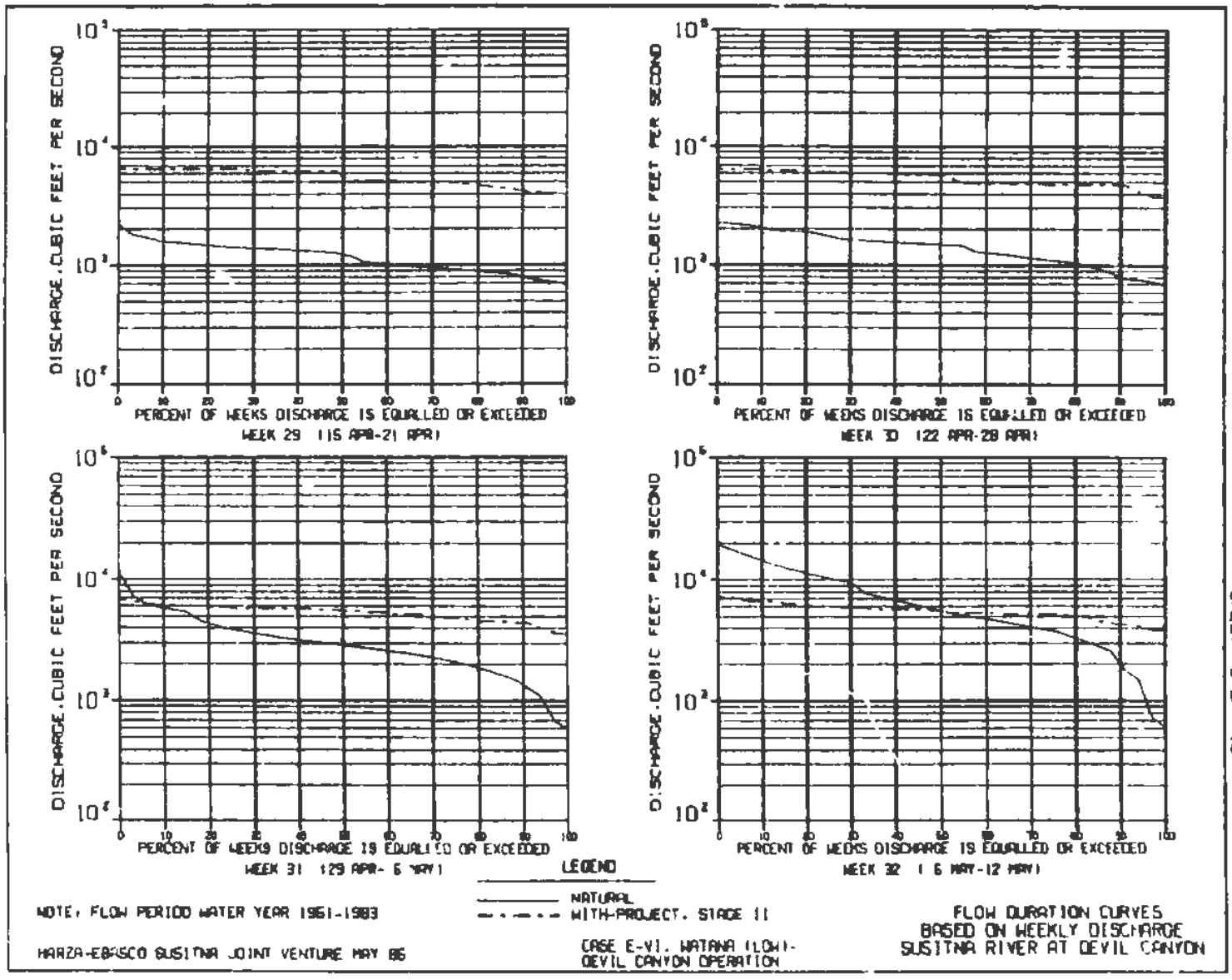


EXHIBIT 7
SHEET 8 OF 15

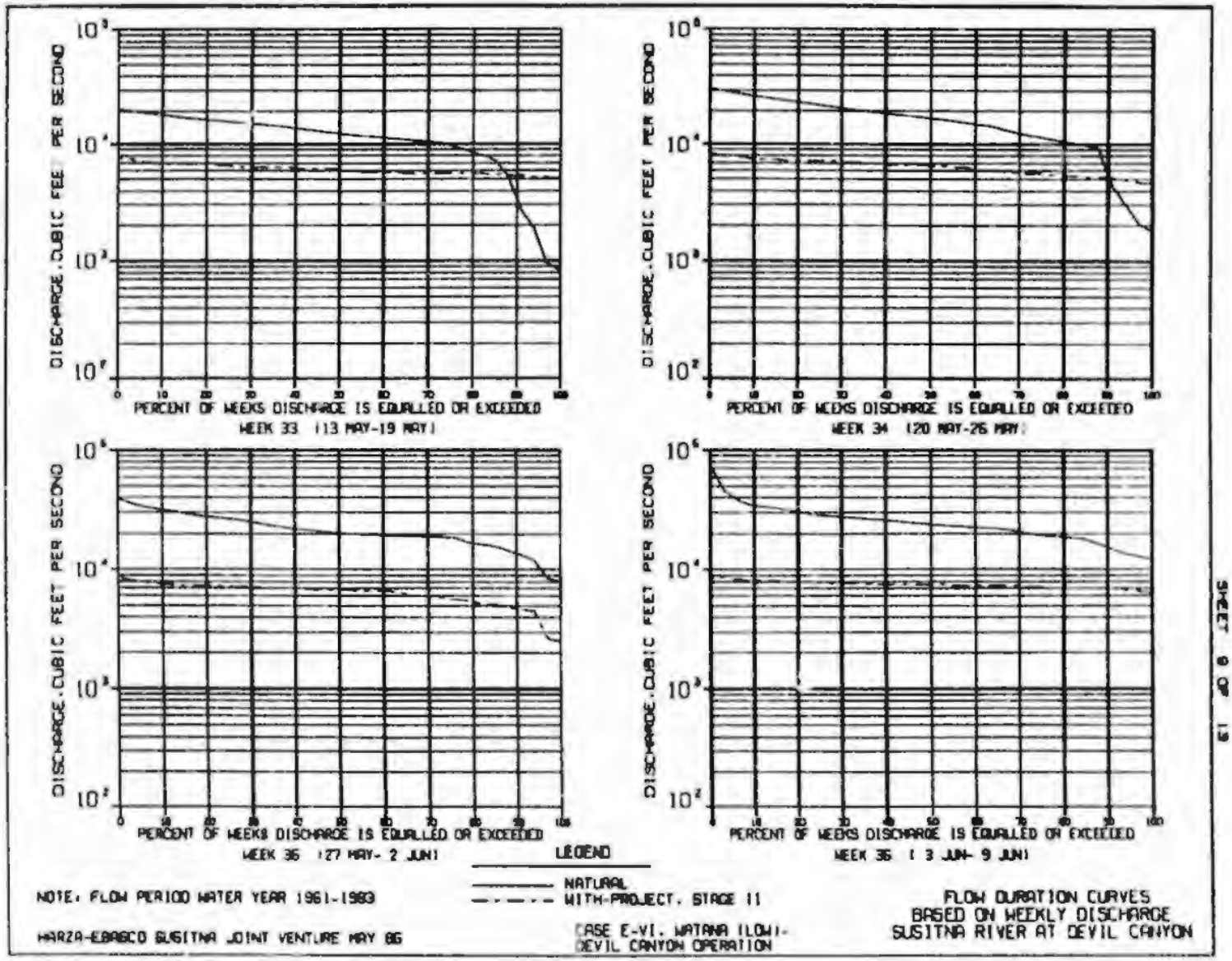
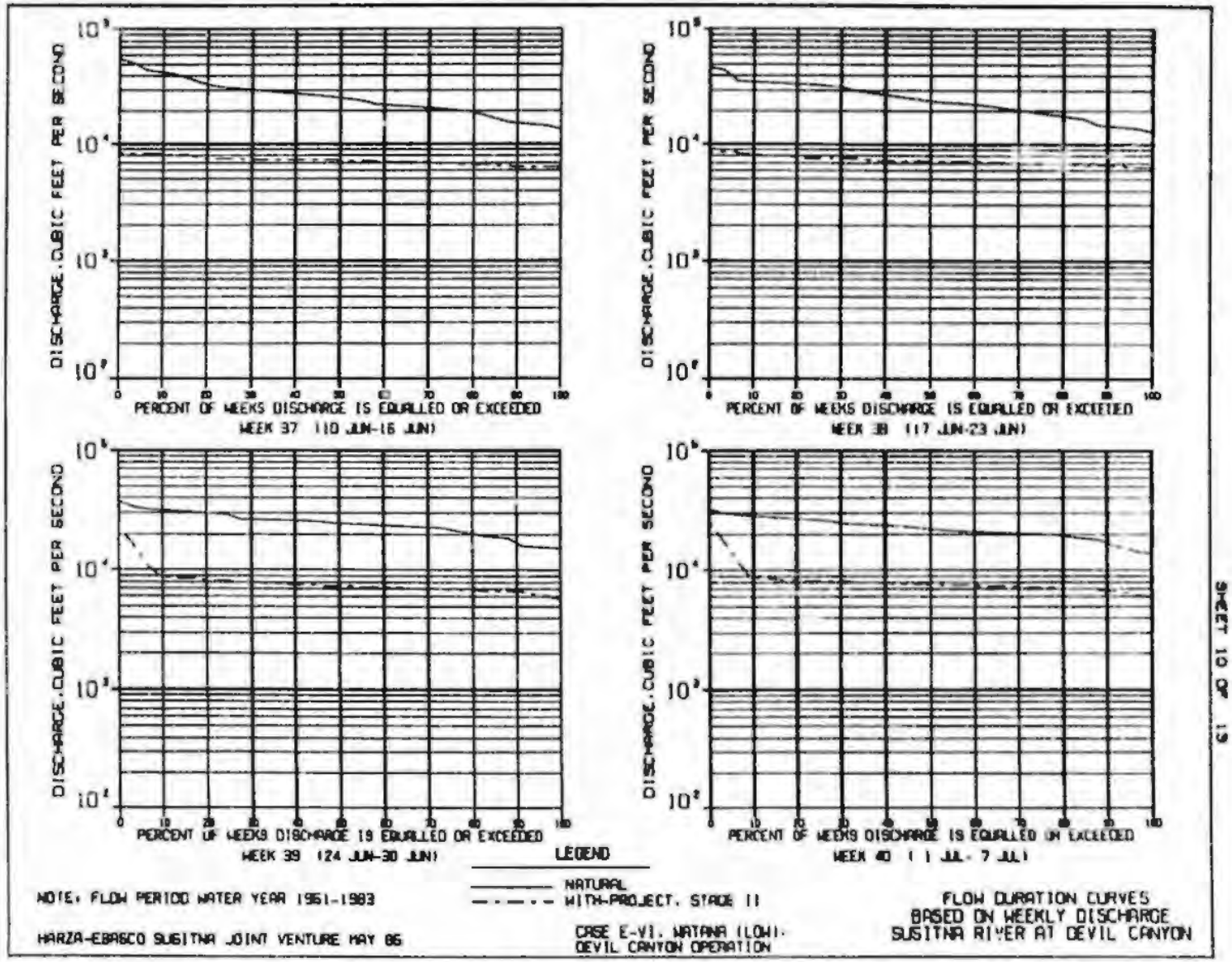


EXHIBIT 7
SHEET 9 OF 13



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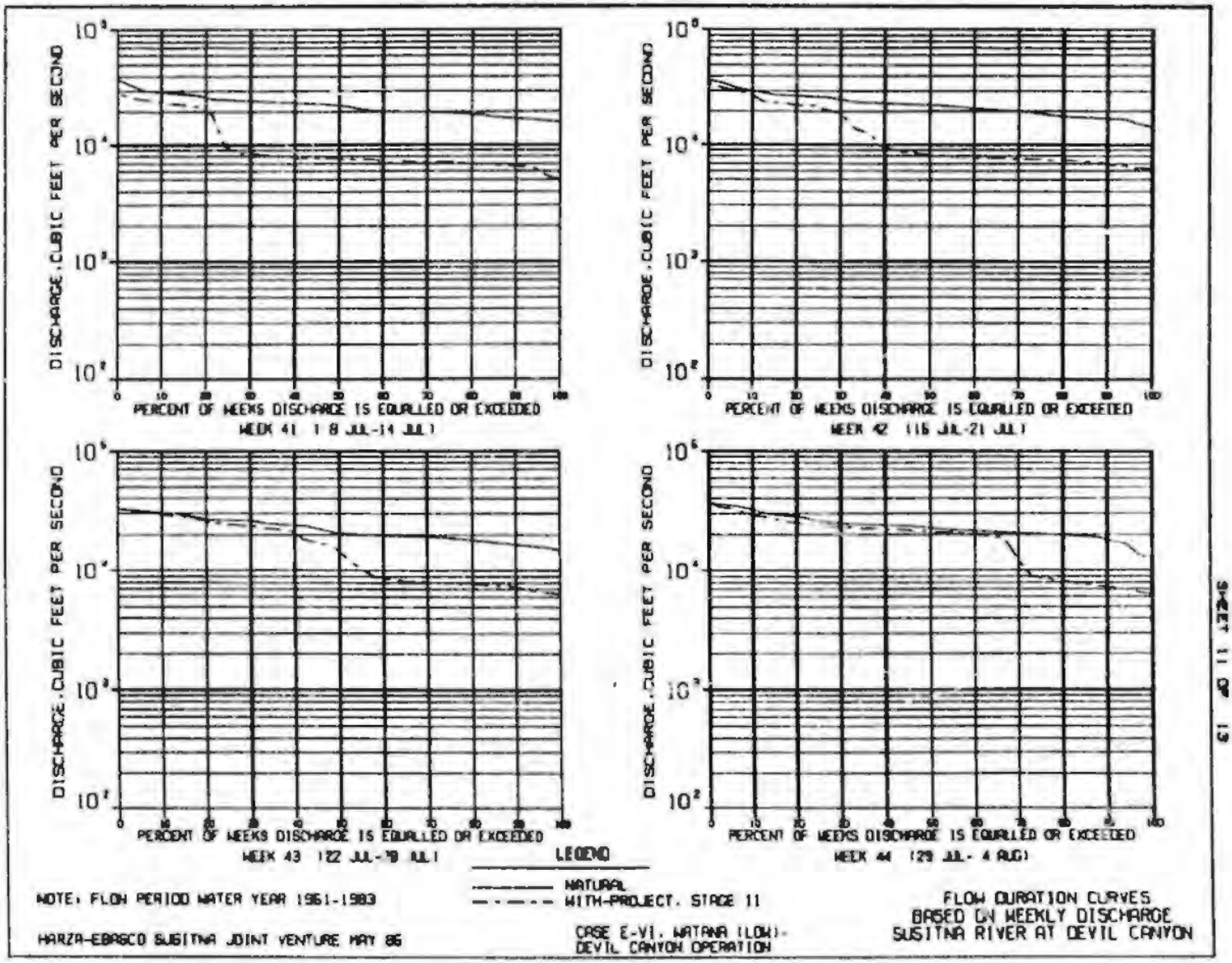

EXHIBIT 7
SHEET 11 OF 13

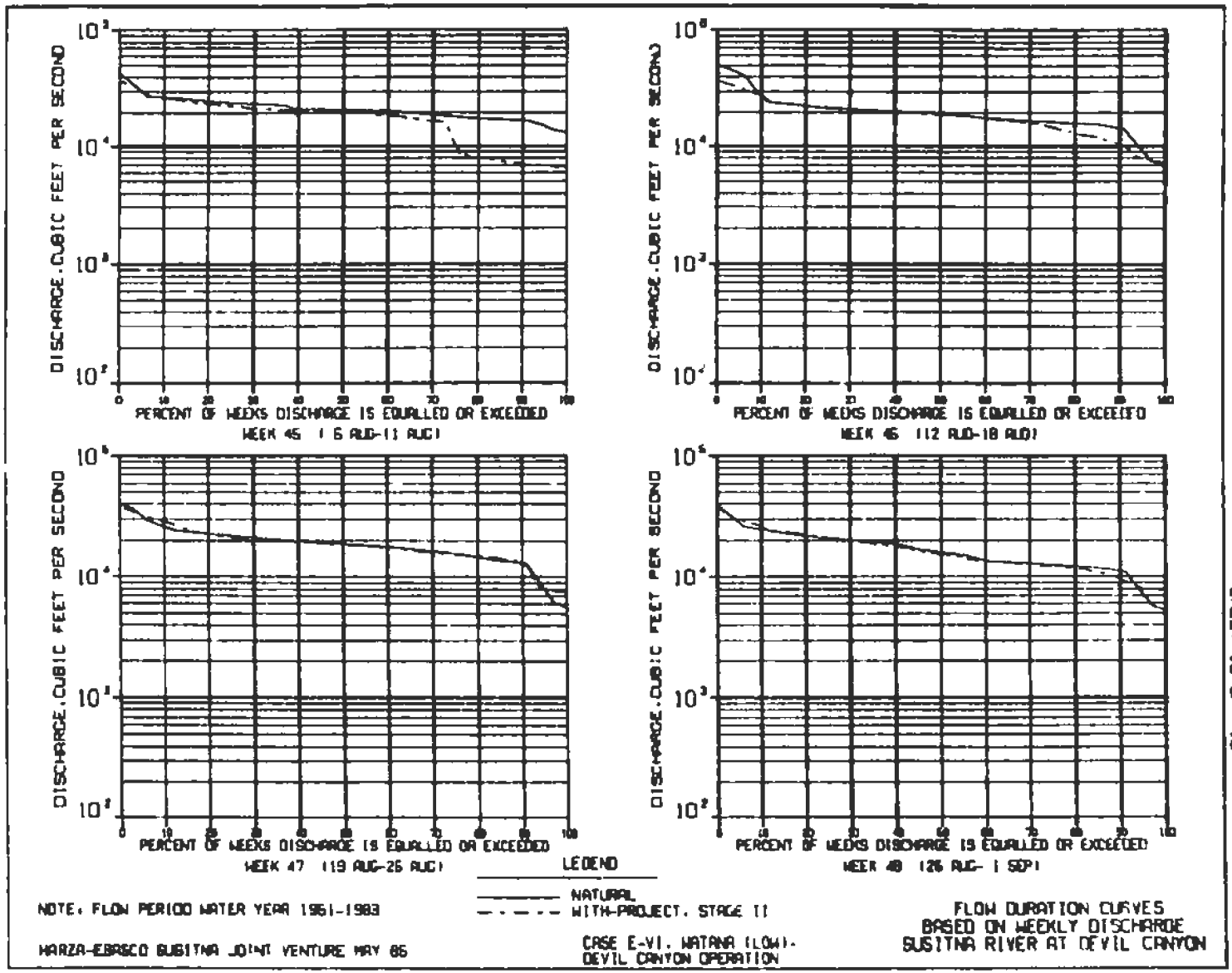

EXHIBIT 7
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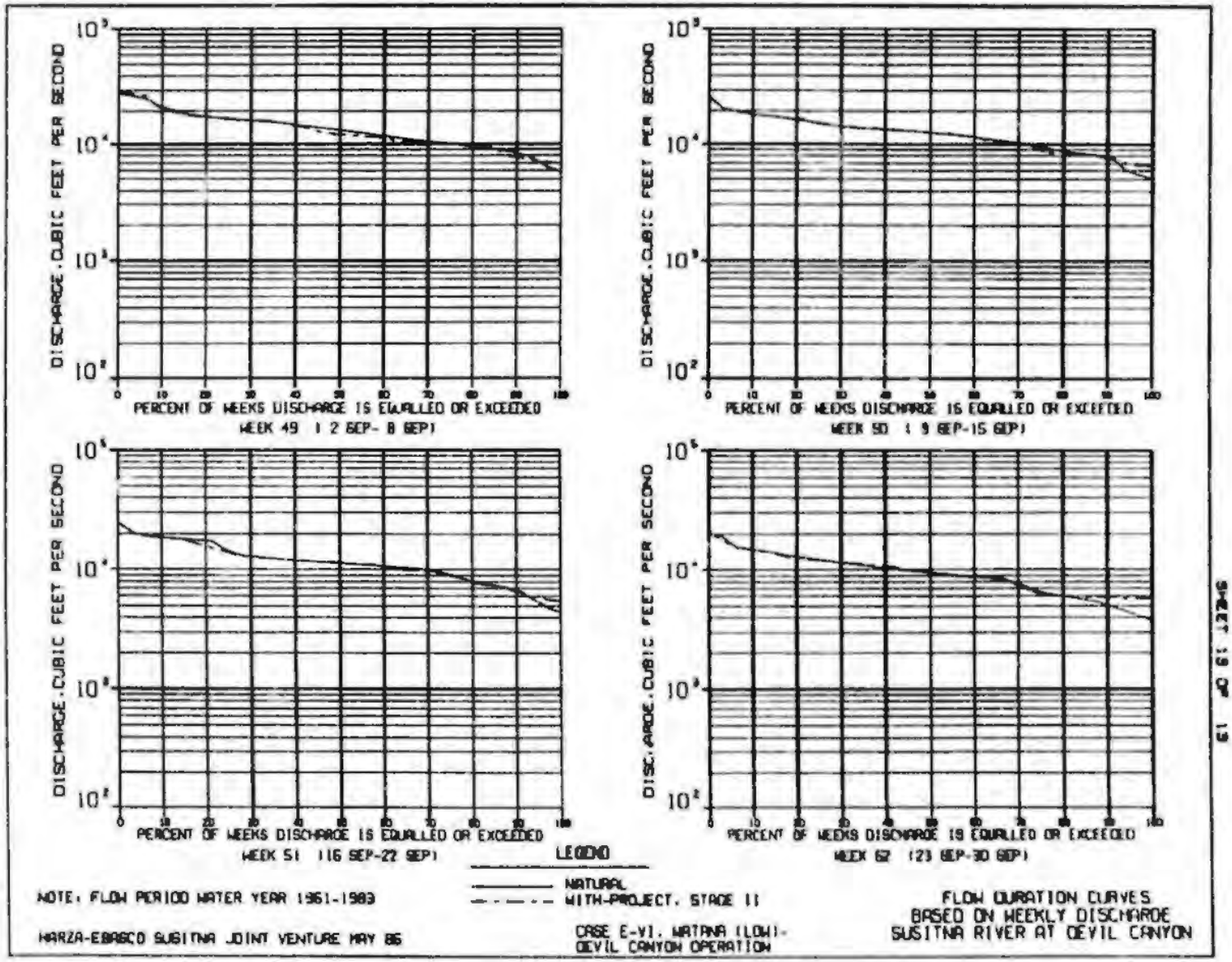


EXHIBIT 7
SHEET 19 OF 19

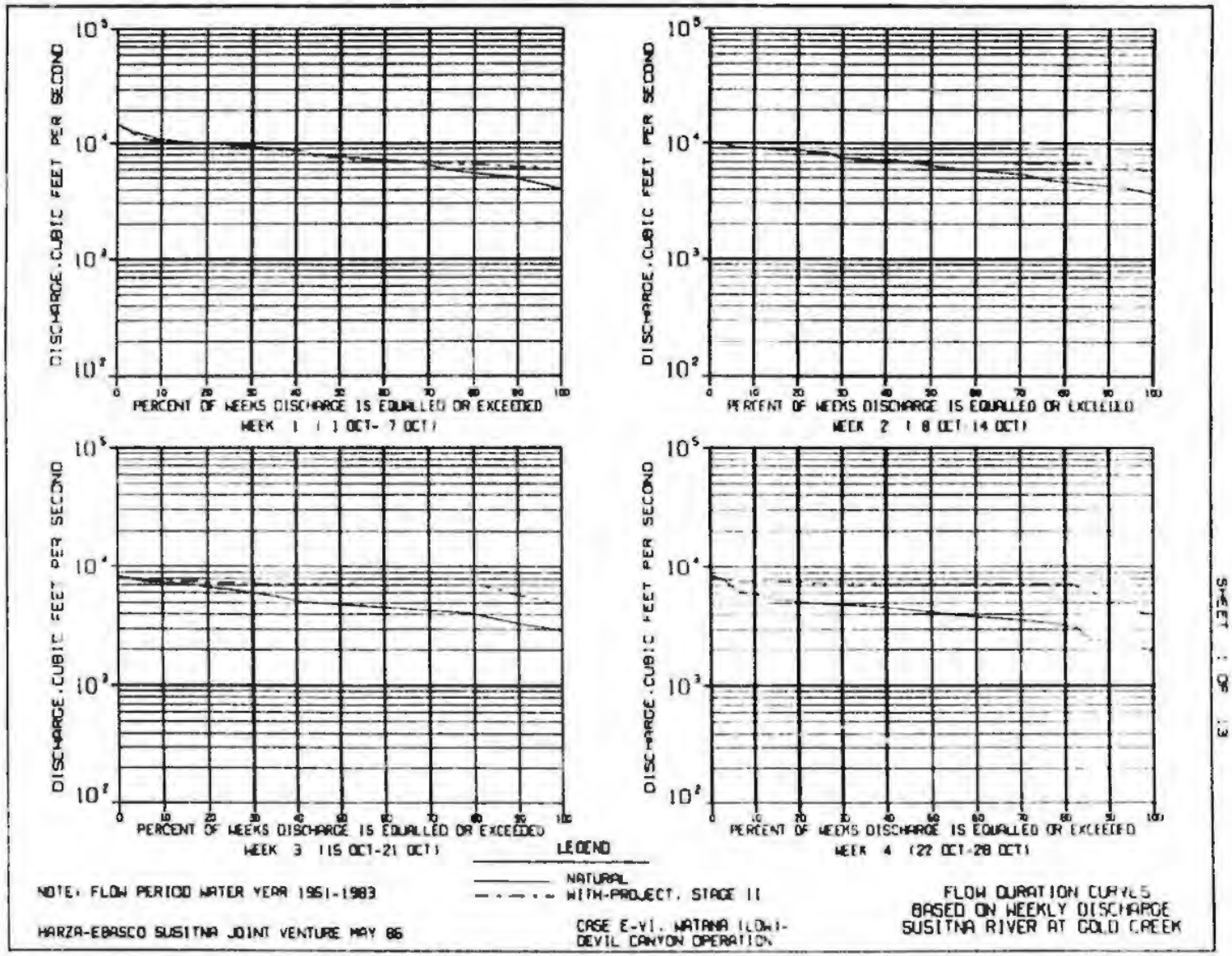


EXHIBIT 8
SHEET 1 OF 1

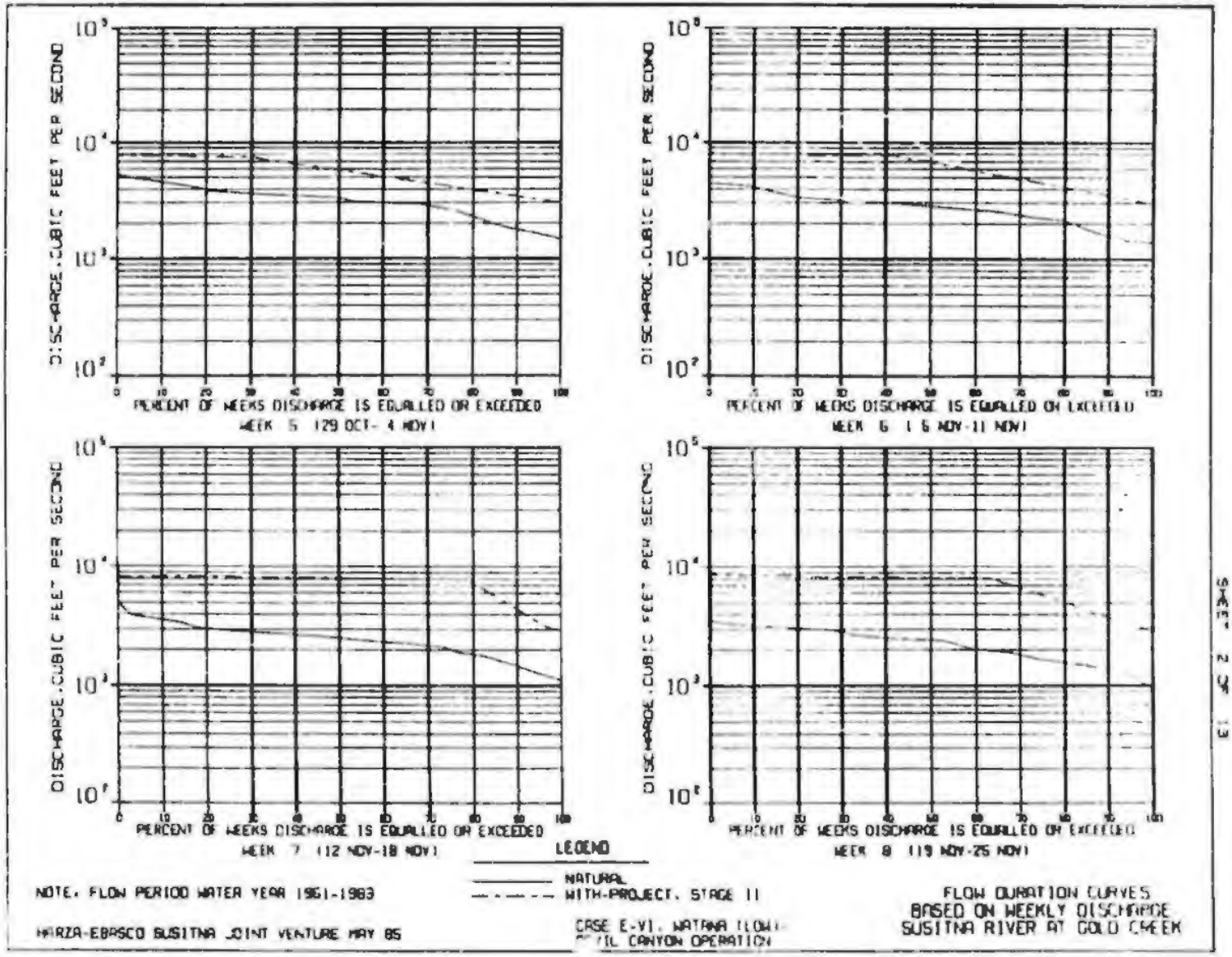


EXHIBIT B
SHEET 2 OF 13

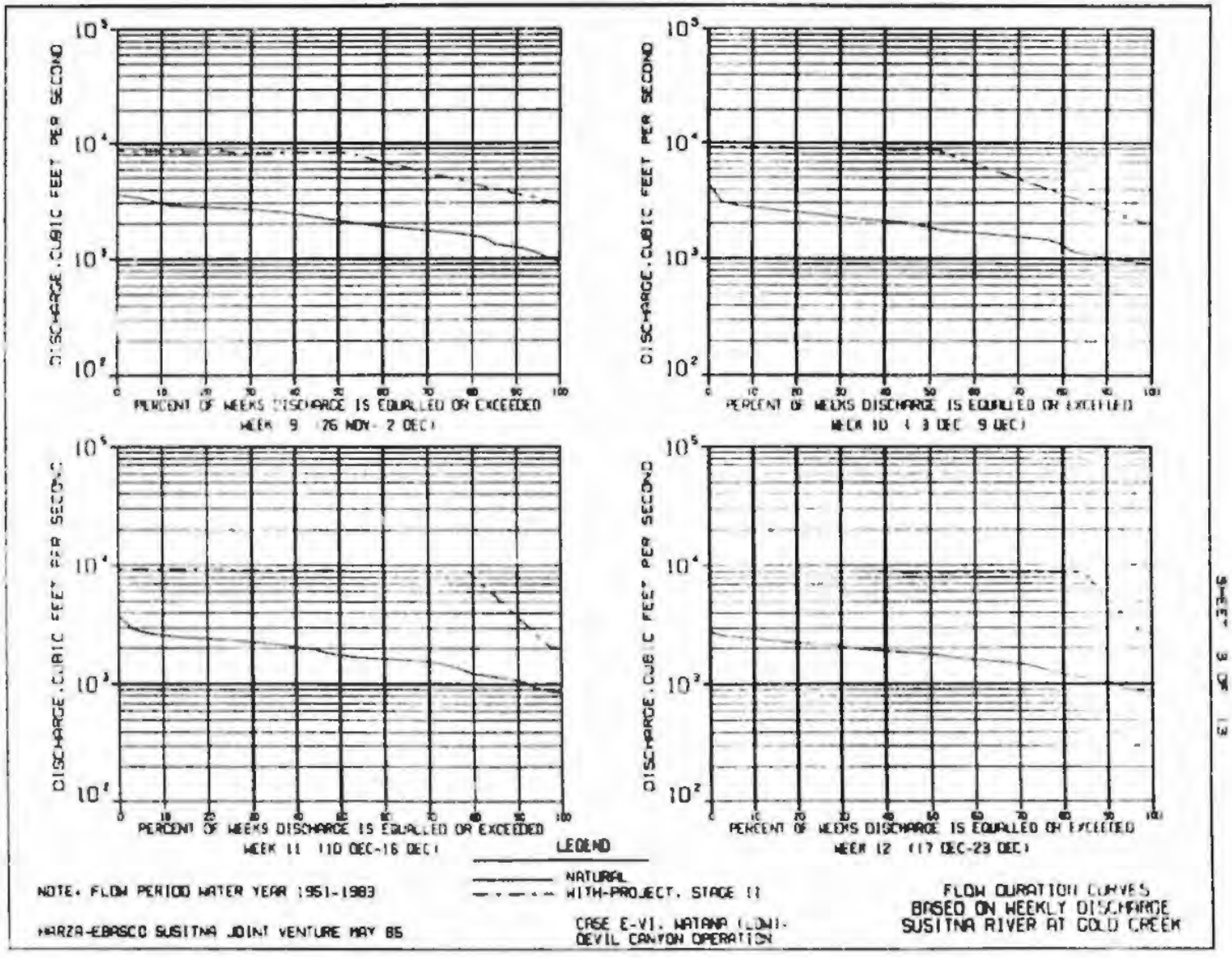


EXHIBIT B
SHEET 3 OF 12

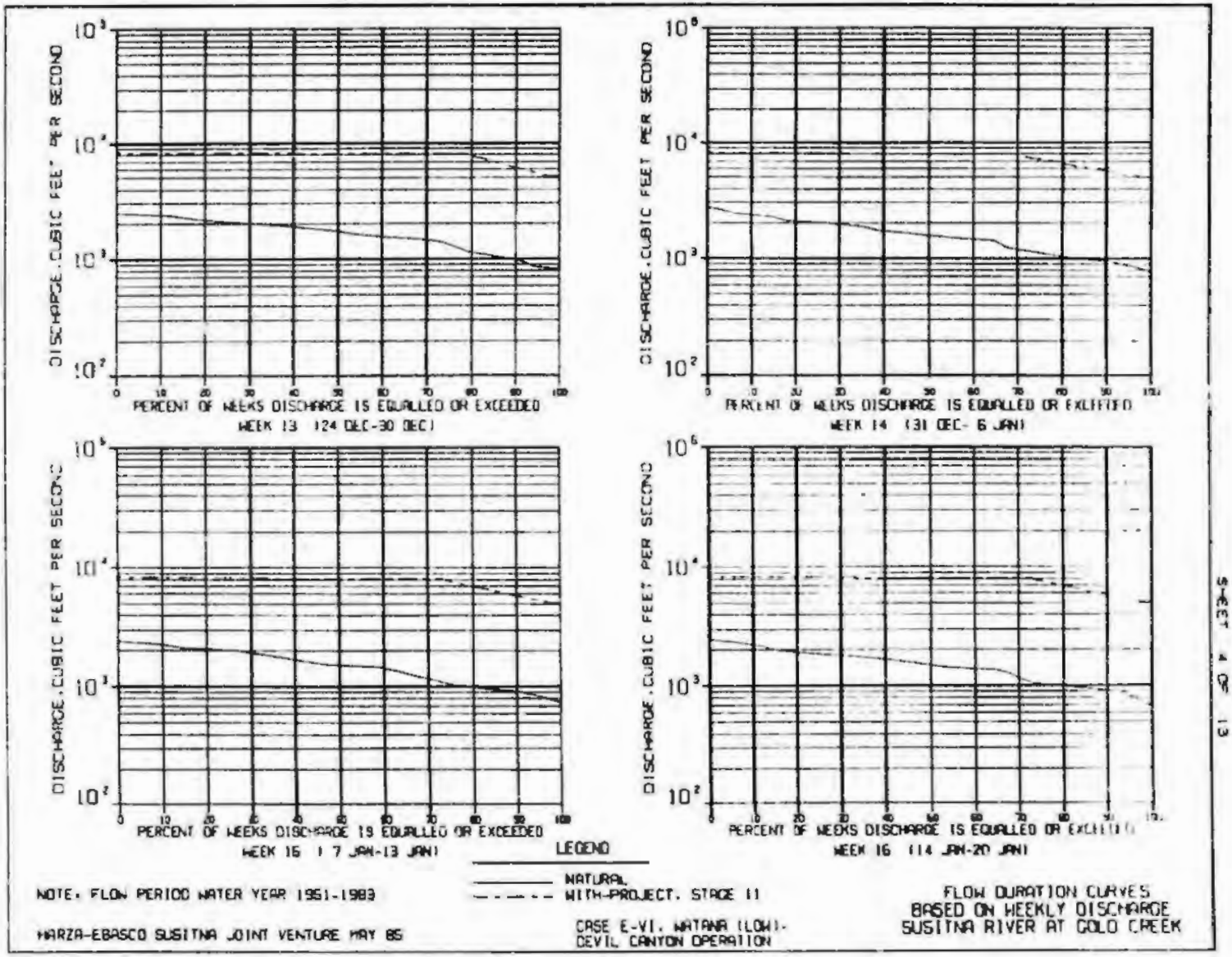
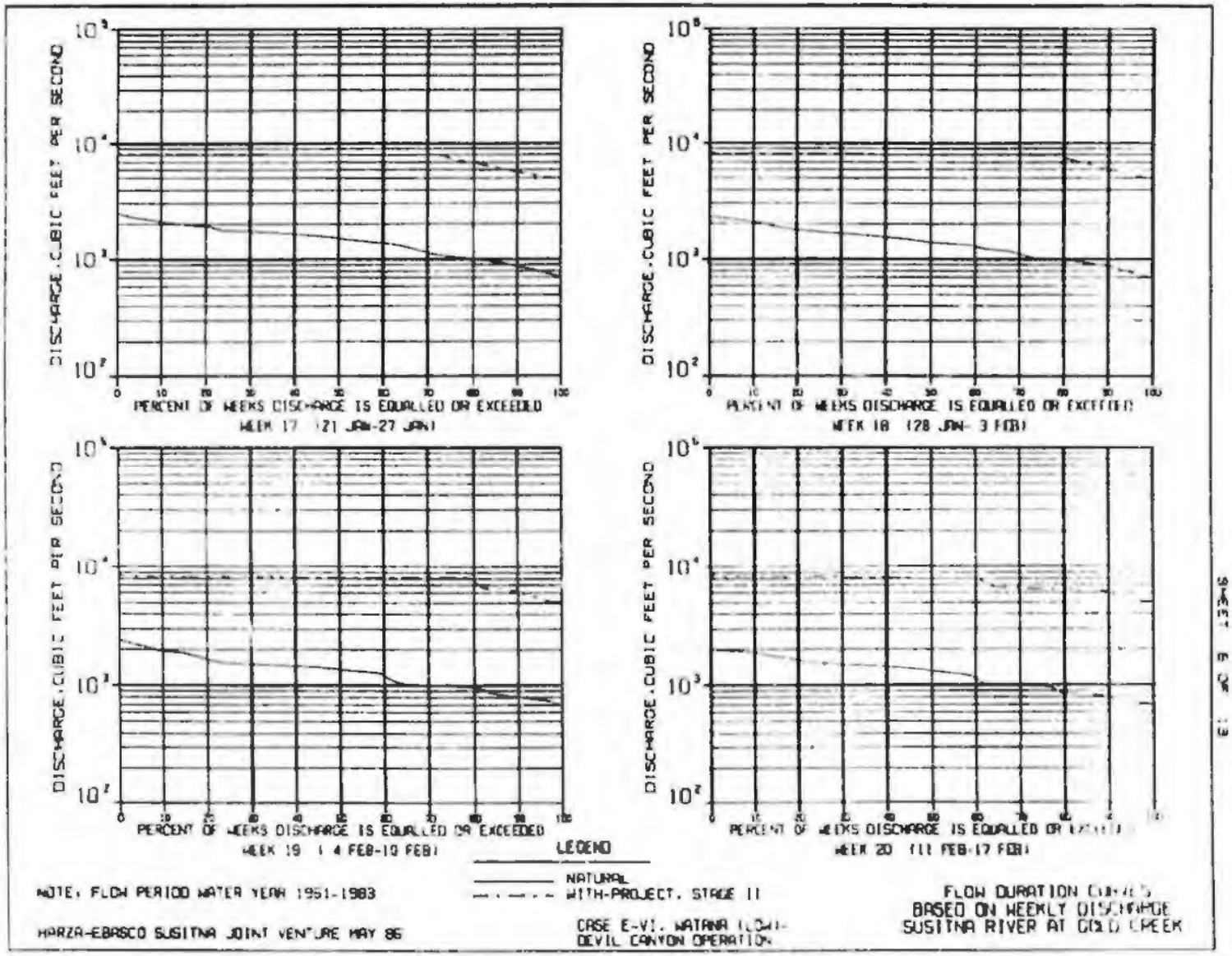


EXHIBIT 8
SHEET 4 OF 13


DISCHARGE, CUBIC FEET PER SECOND
PERCENT OF WEEKS DISCHARGE IS EQUALLED OR EXCEEDED
WEEK 17 (21 JAN-27 JAN)
WEEK 18 (28 JAN- 3 FEB)
WEEK 19 (4 FEB-10 FEB)
WEEK 20 (11 FEB-17 FEB)
LEGEND
NATURAL
WITH-PROJECT, STAGE II
NOTE: FLOW PERIOD WATER YEAR 1951-1983
HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86
CASE E-VI, WATANA (LOW)-DEVIL CANYON OPERATION
FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT GOLD CREEK

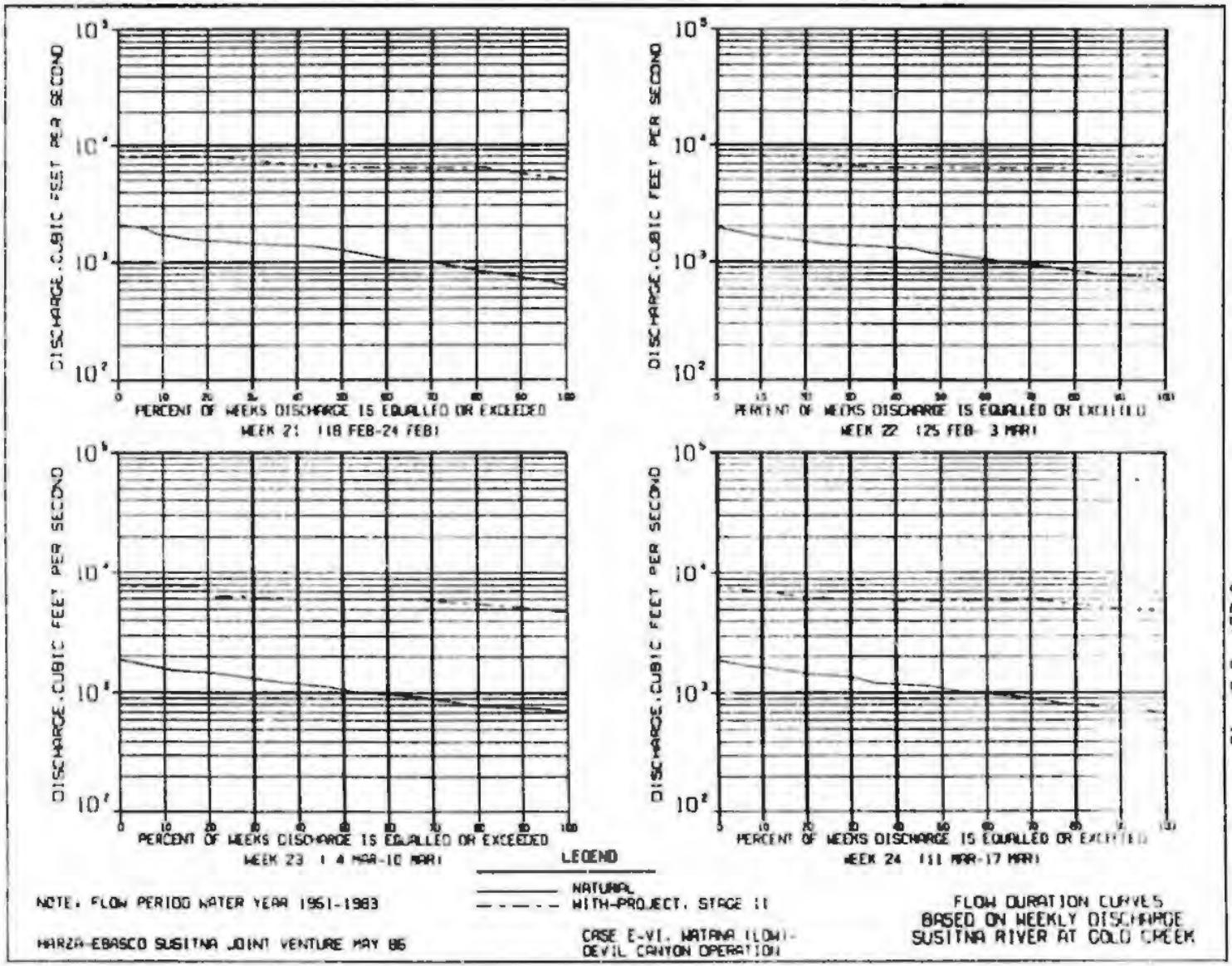


EXHIBIT B
SHEET 8 OF 13

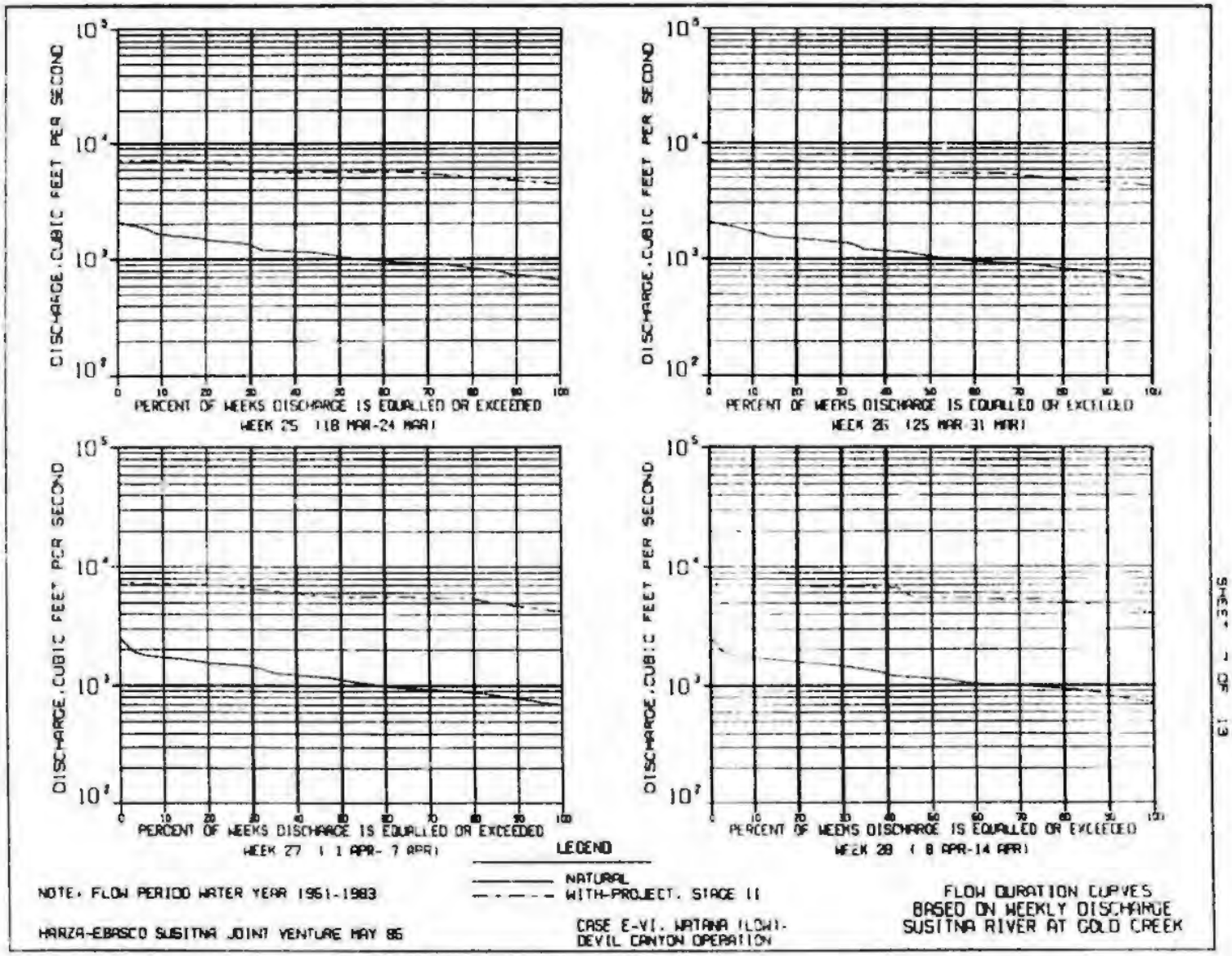


EXHIBIT B
SHEET 13 OF 13

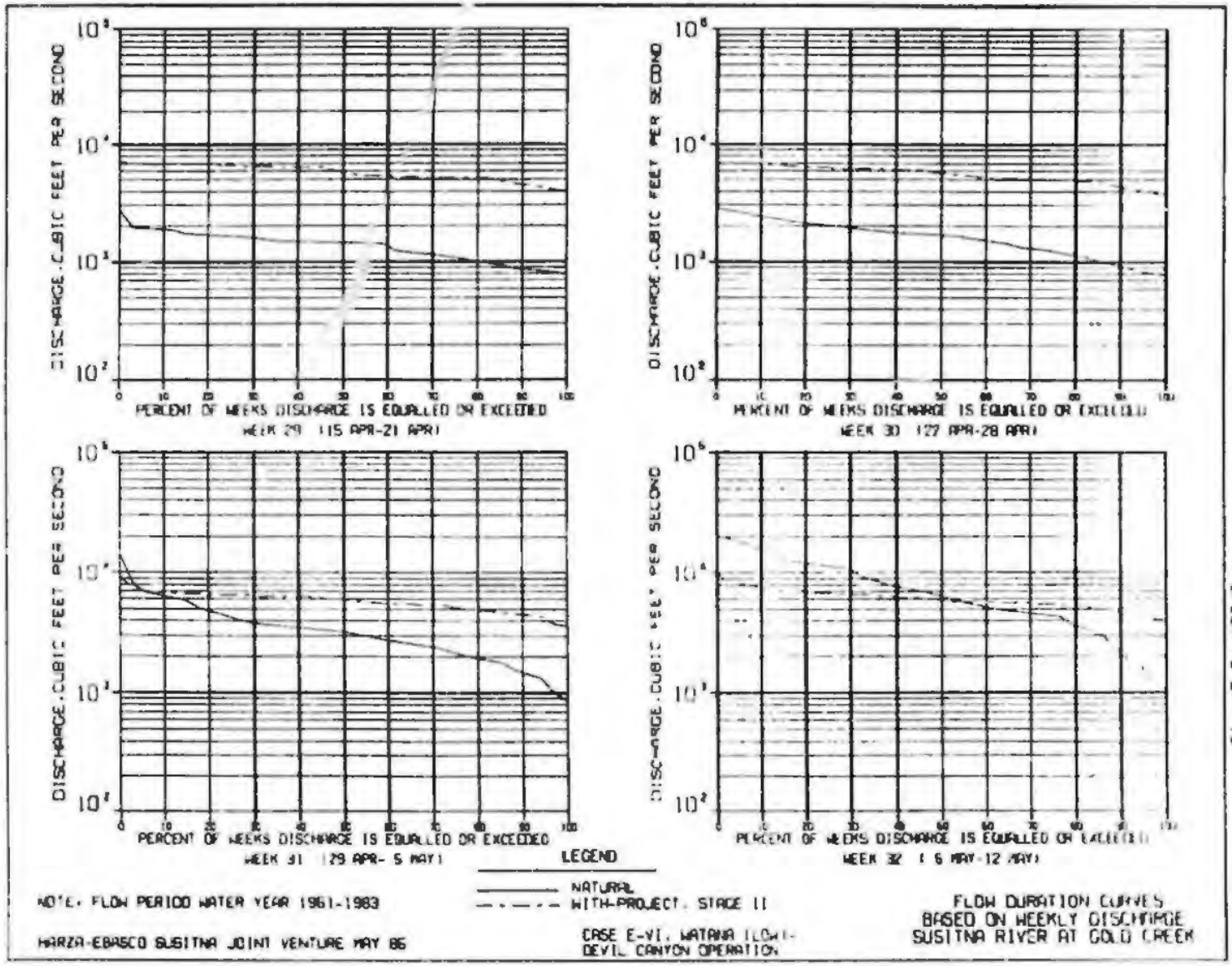


EXHIBIT B
SHEET 8 OF 13

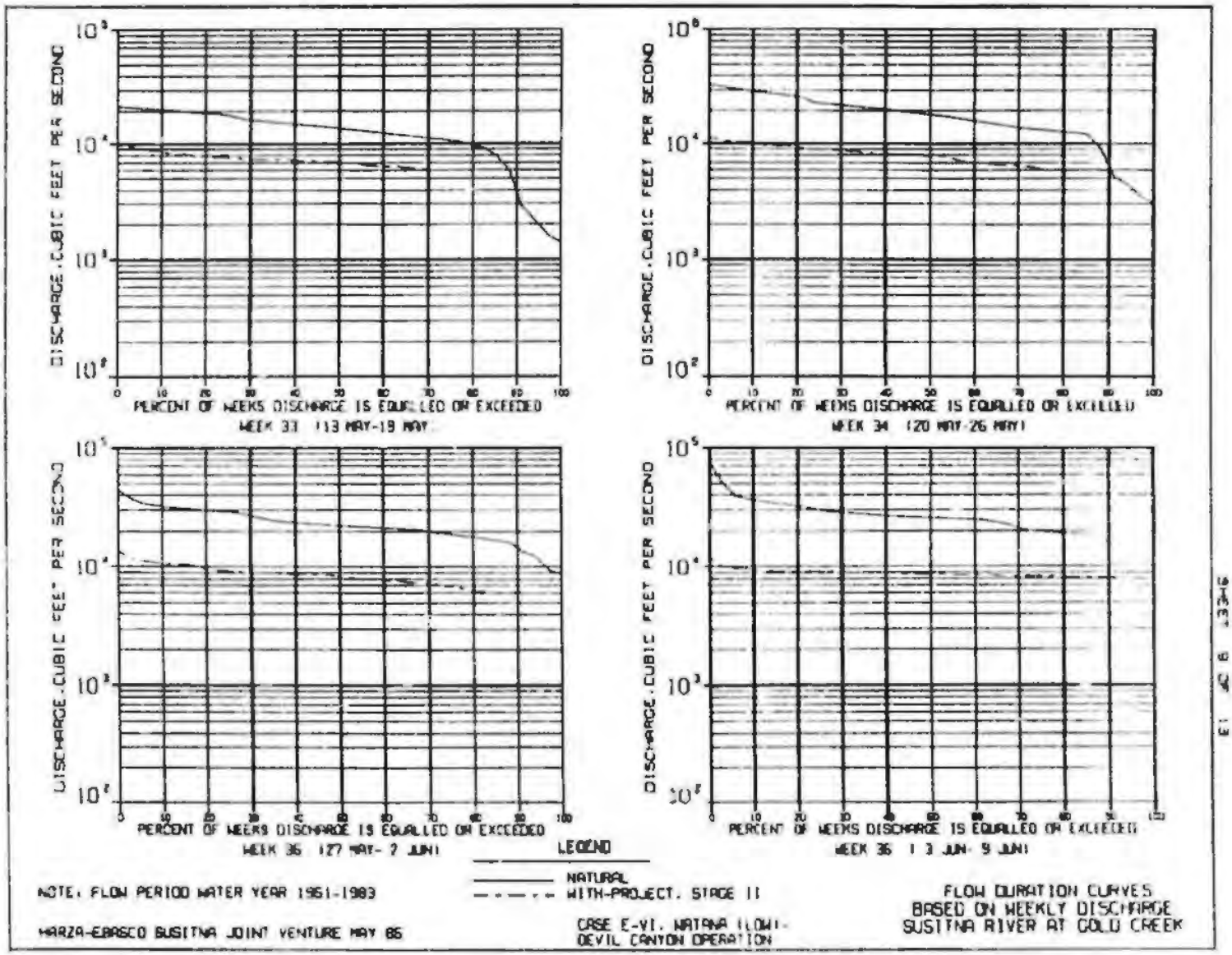


EXHIBIT 8
PAGE 13 OF 13

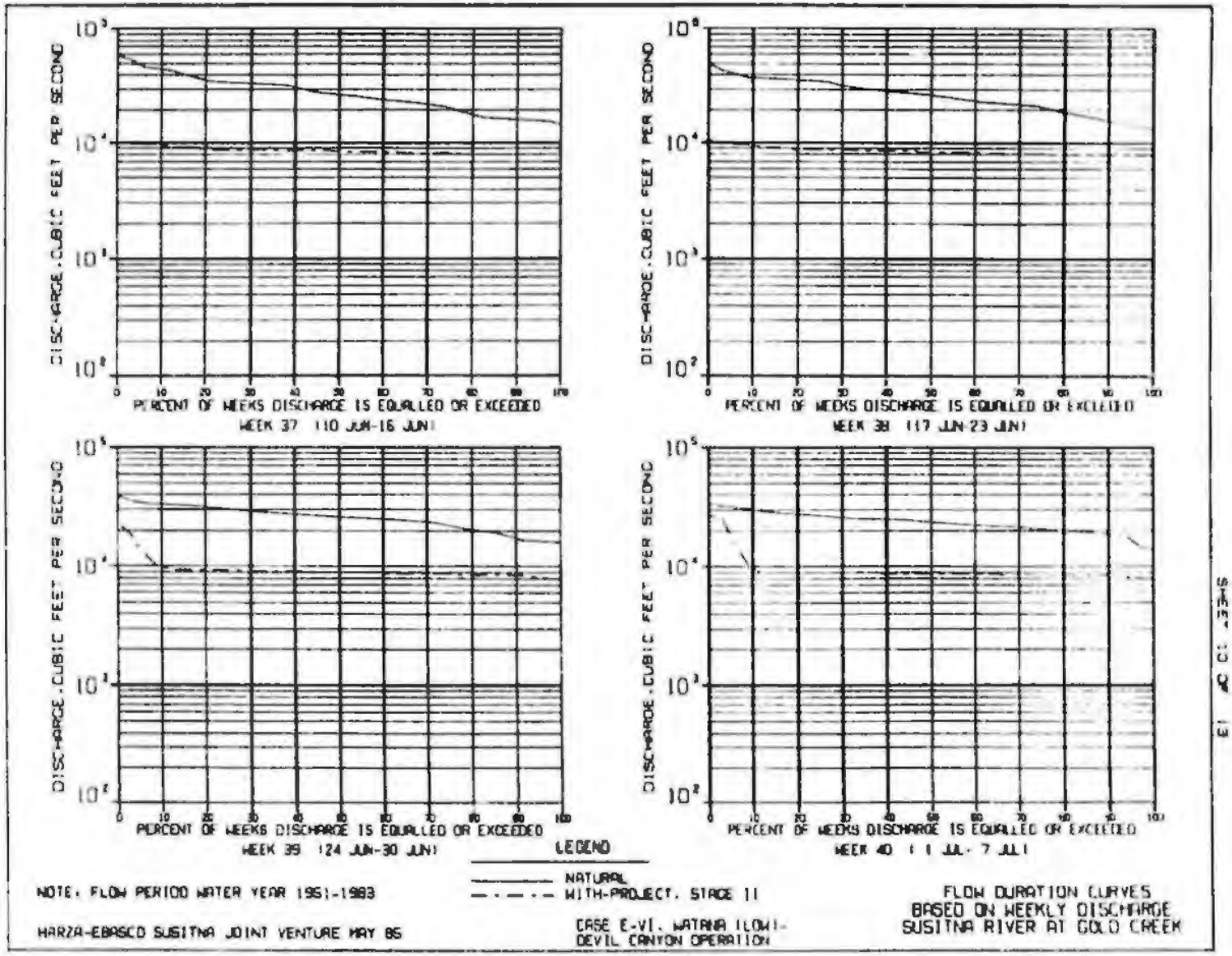


EXHIBIT B
SHEET 13 OF 13

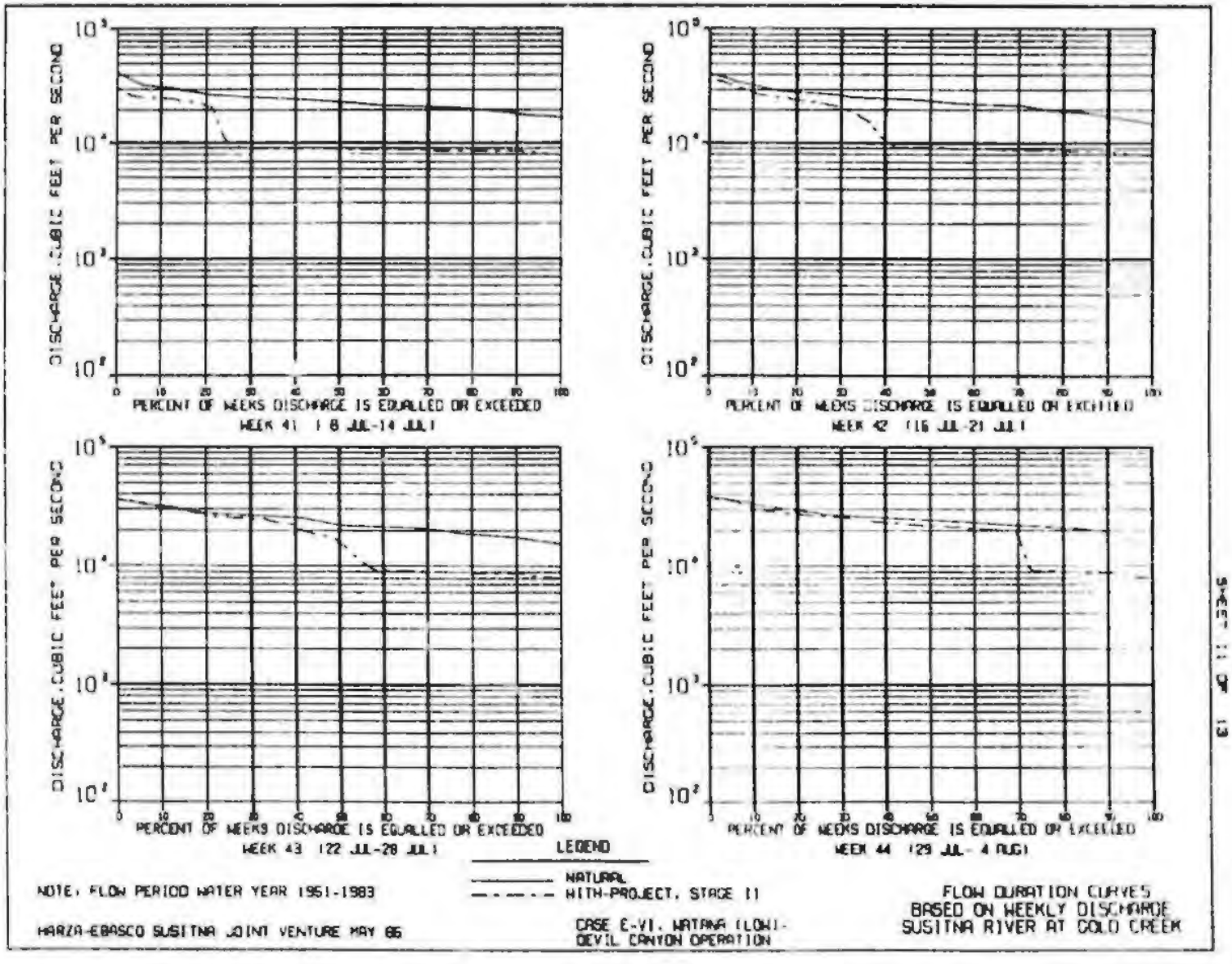
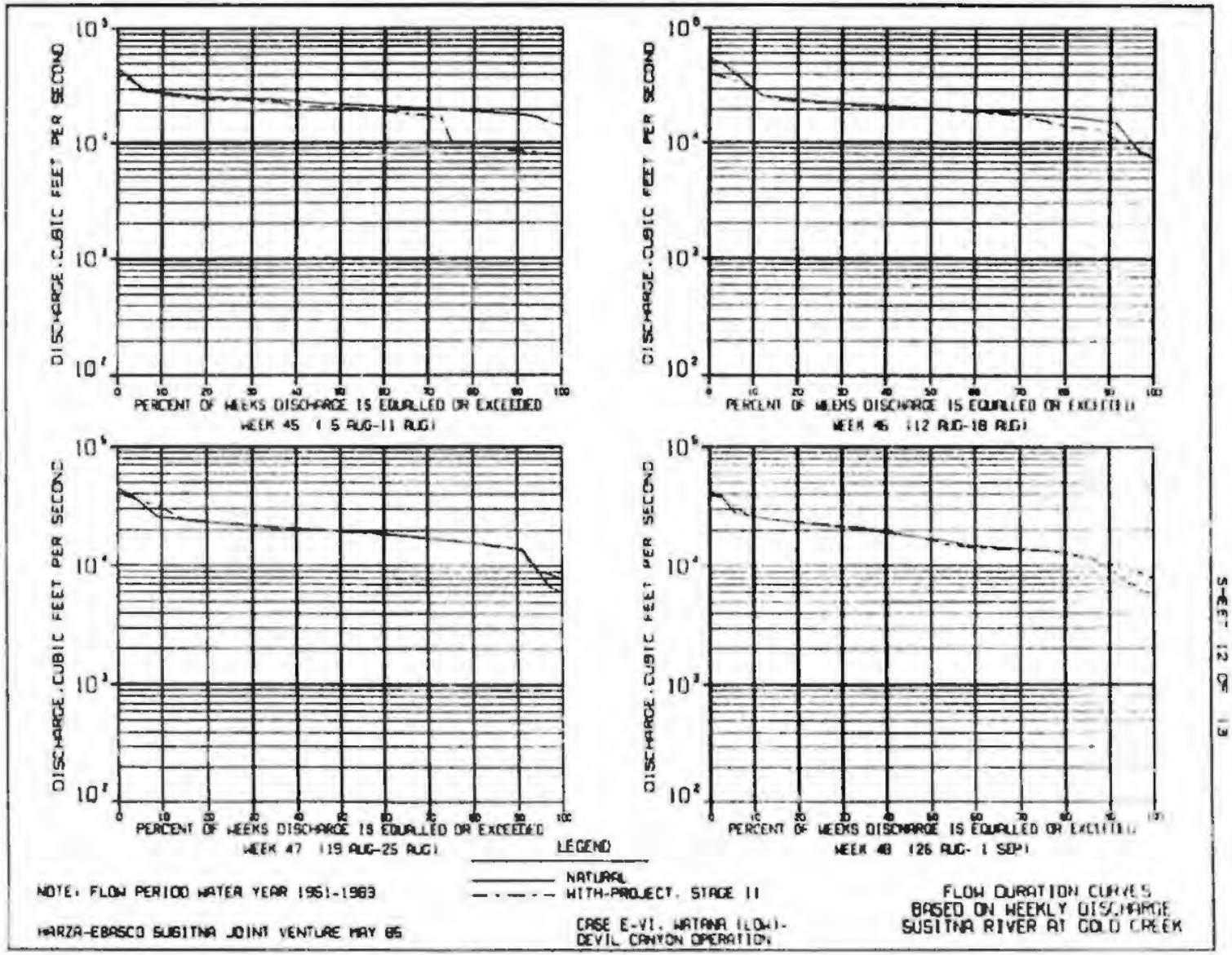


EXHIBIT B
3-SEP- 1 1 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

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

EXHIBIT B
SHEET 12 OF 13

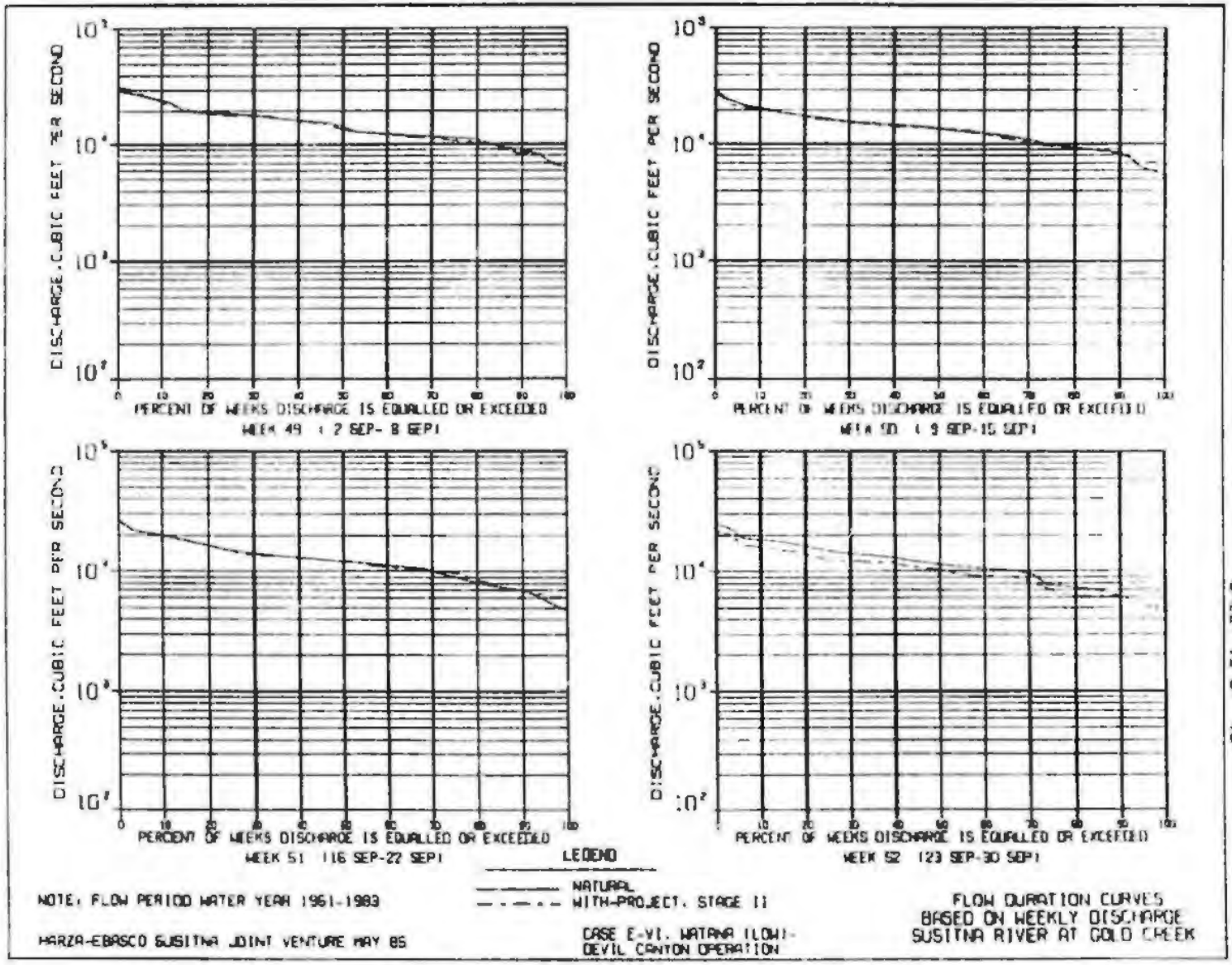


EXHIBIT B
SHEET 13 OF 13

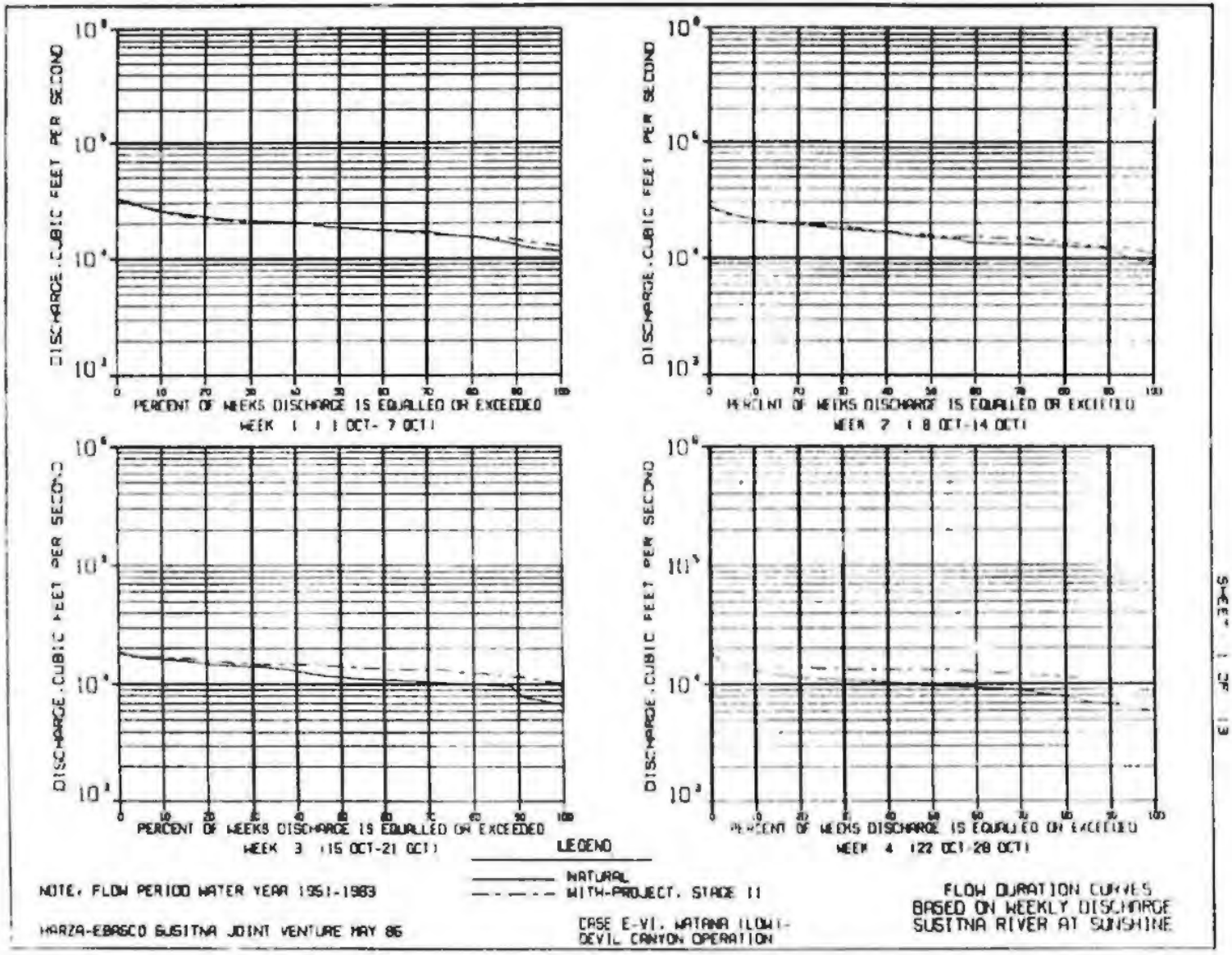
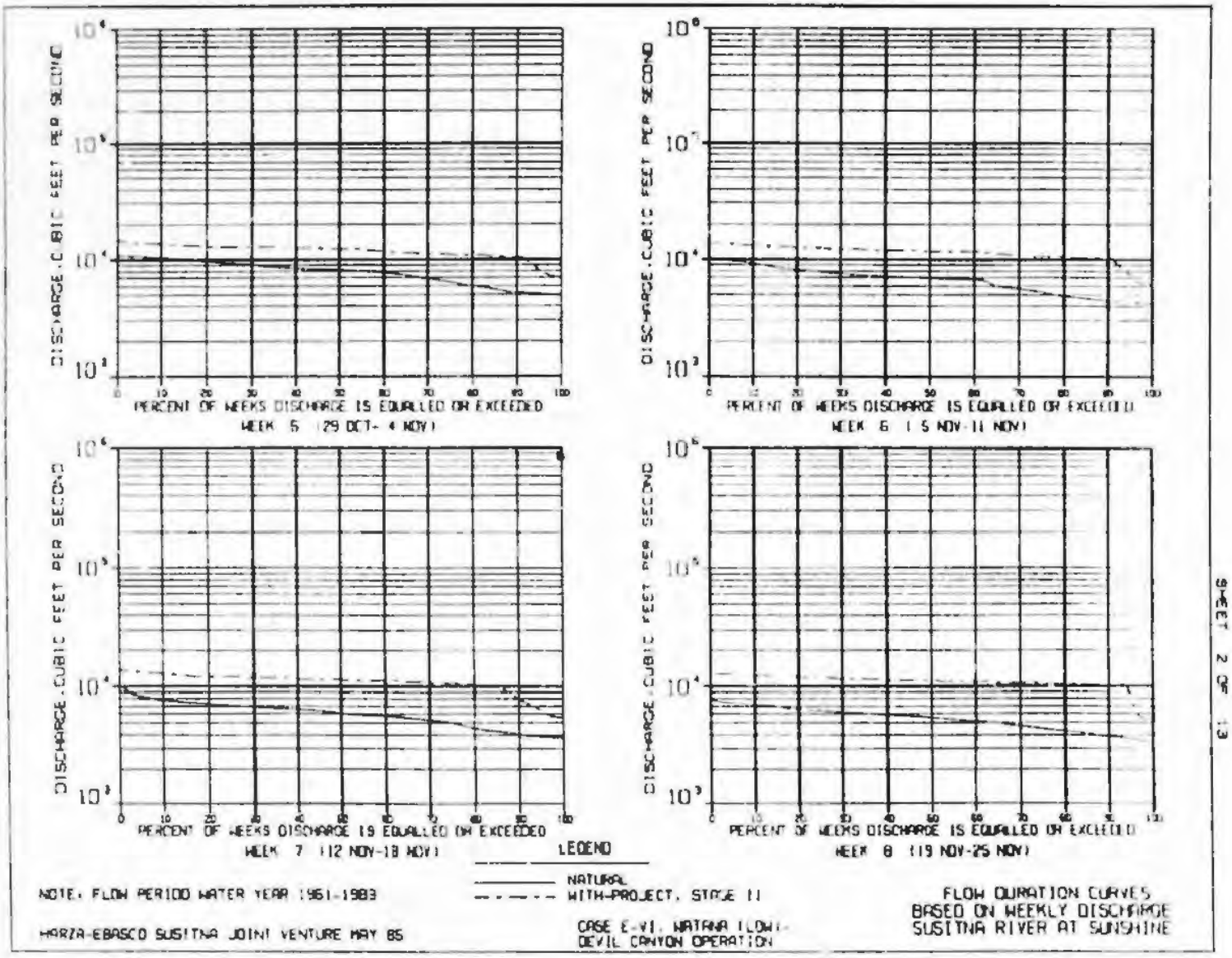


EXHIBIT 9

SHEET 1 OF 13



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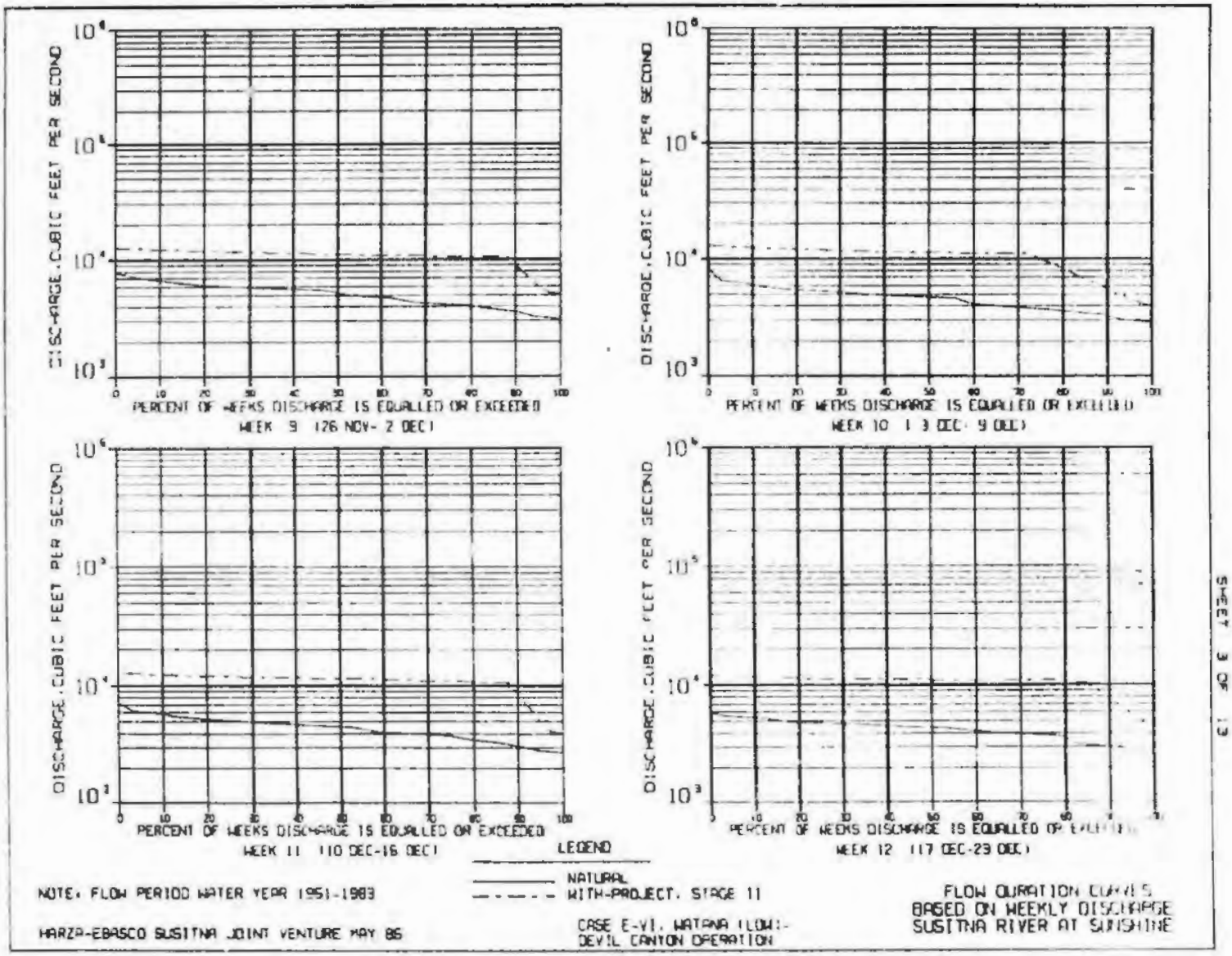
SHEET 2 OF 13



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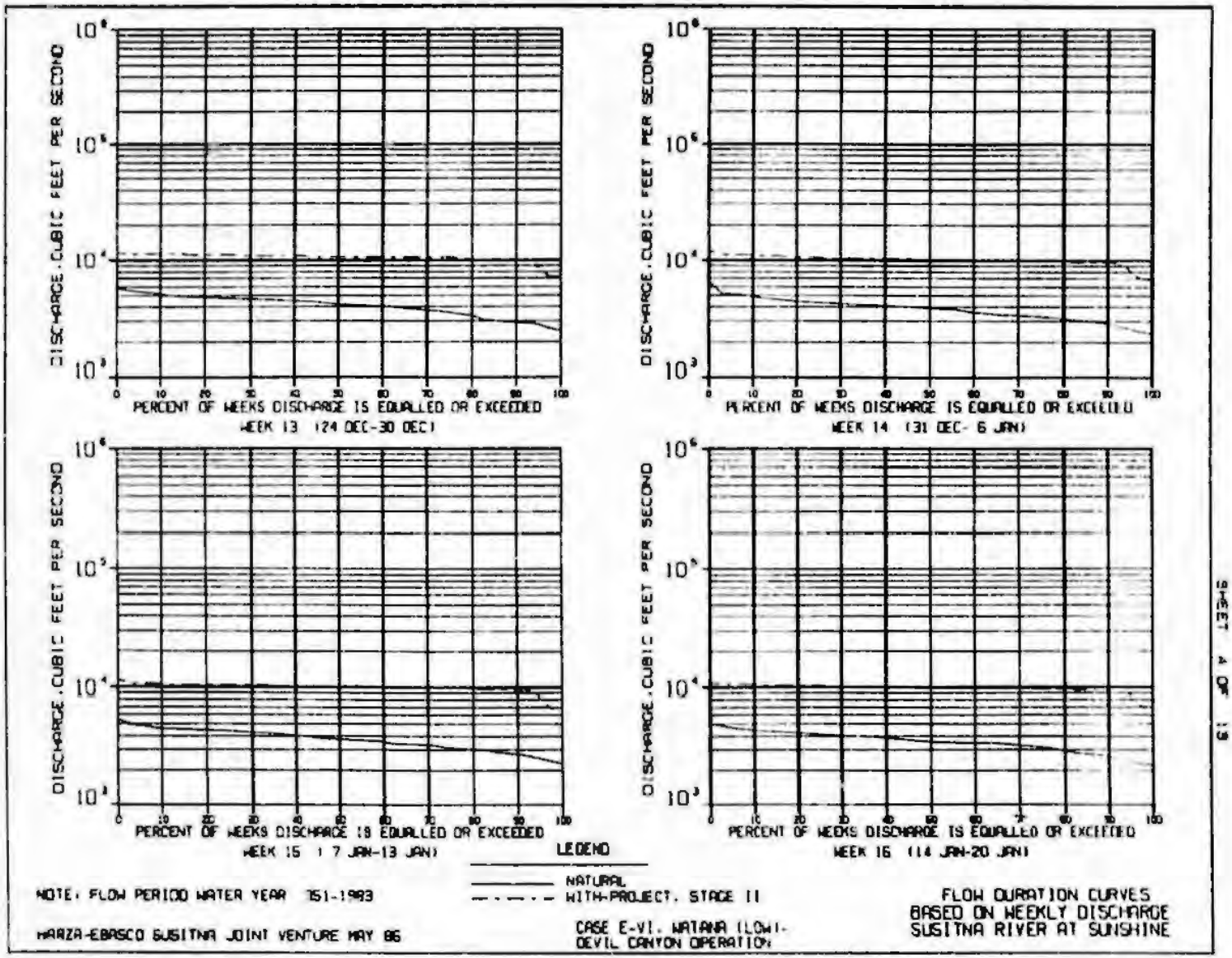
SHEET 3 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

CASE E-VI, WATANA (LOW)-DEVIL CANYON OPERATION

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNSHINE

EXHIBIT 9
SHEET 4 OF 19

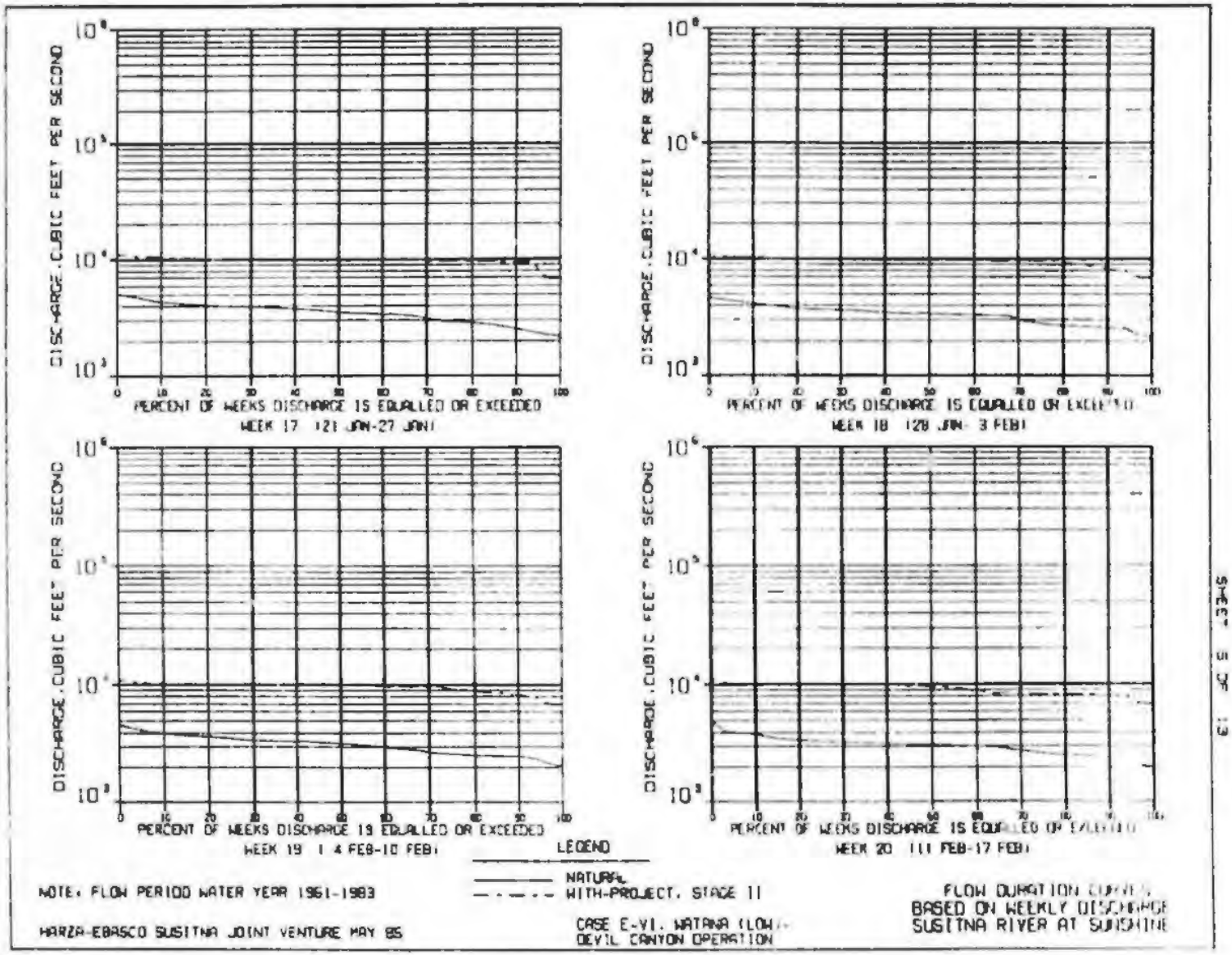


EXHIBIT 9
SHEET 5 OF 13

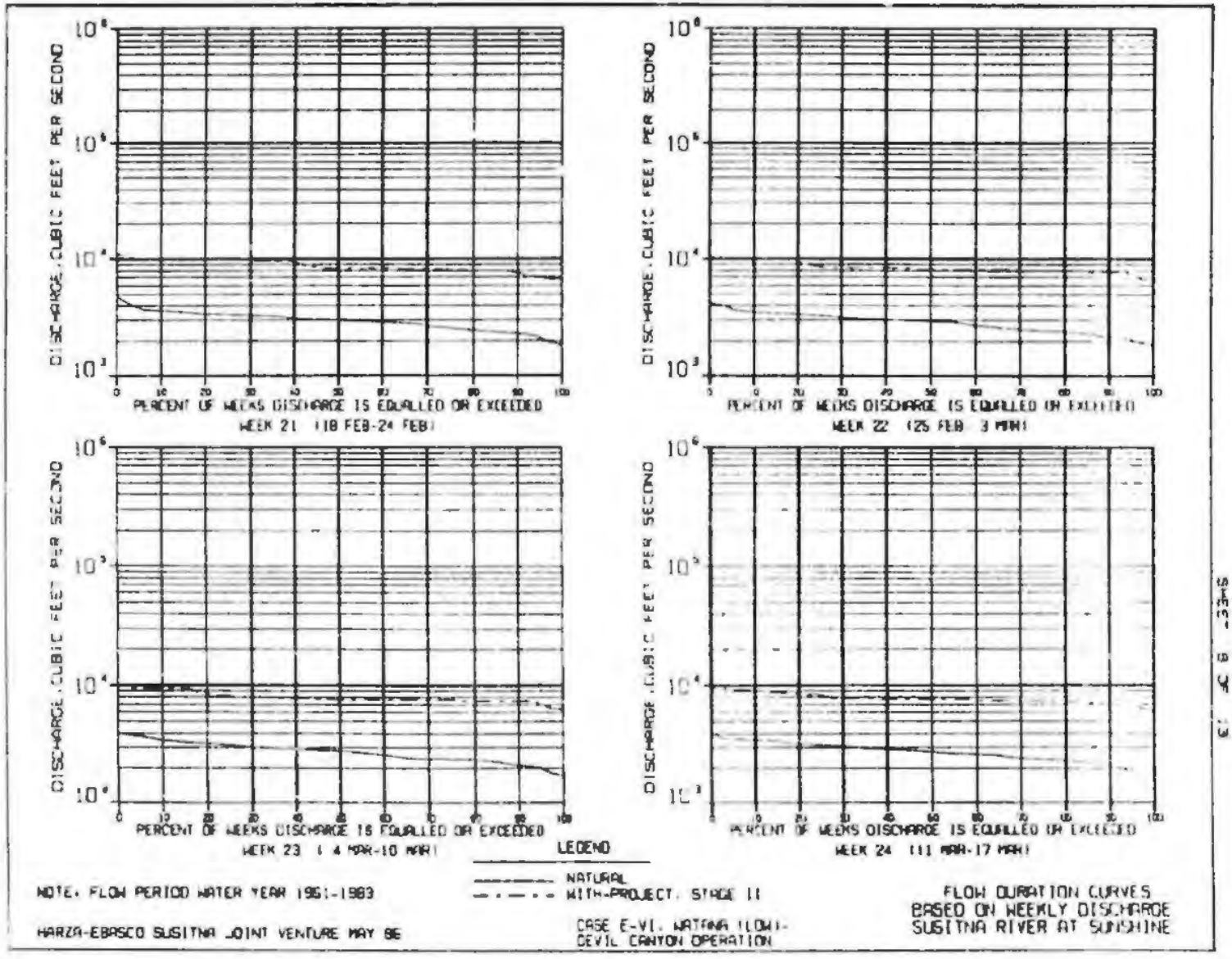
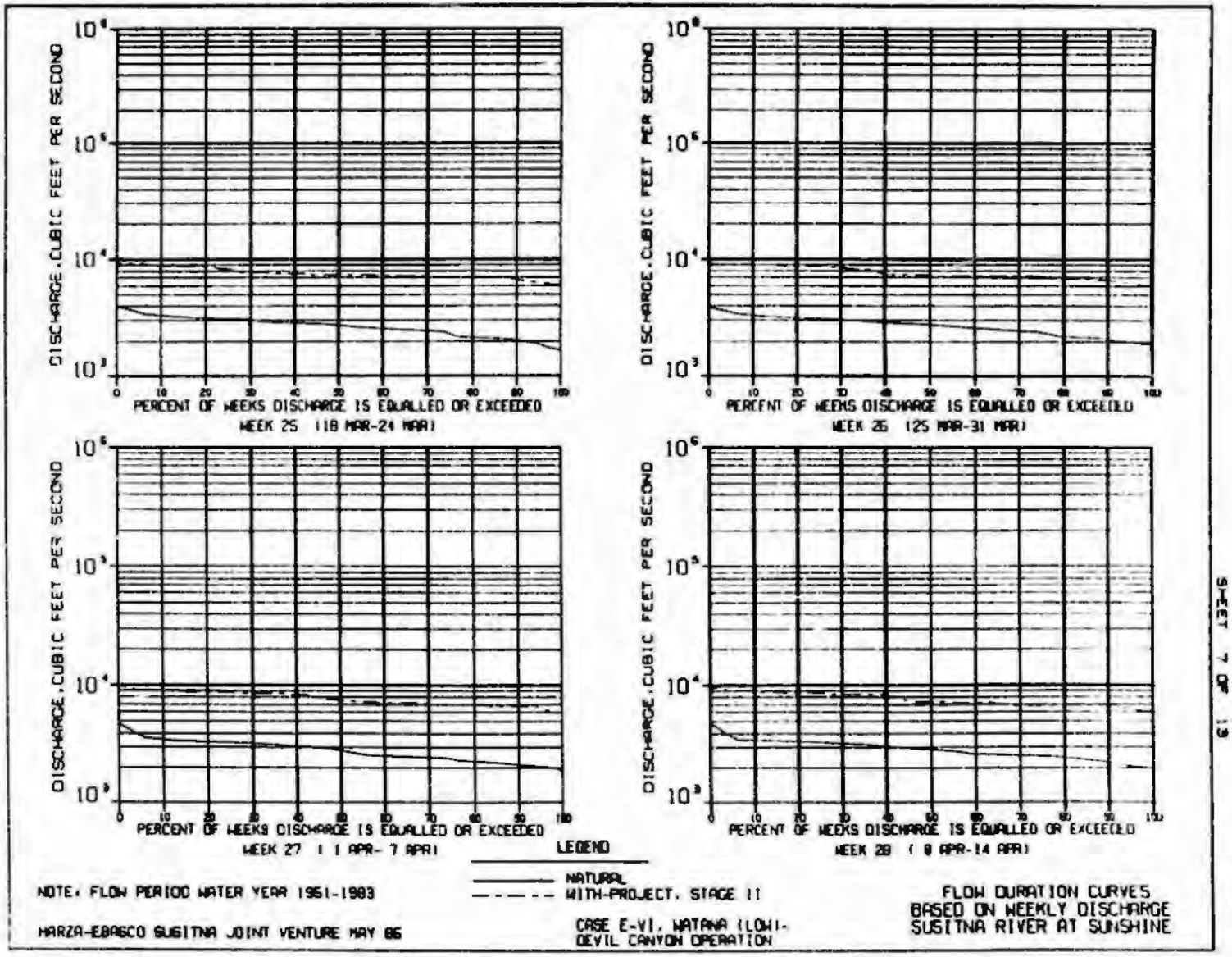


EXHIBIT 9
SHEET 8 OF 13



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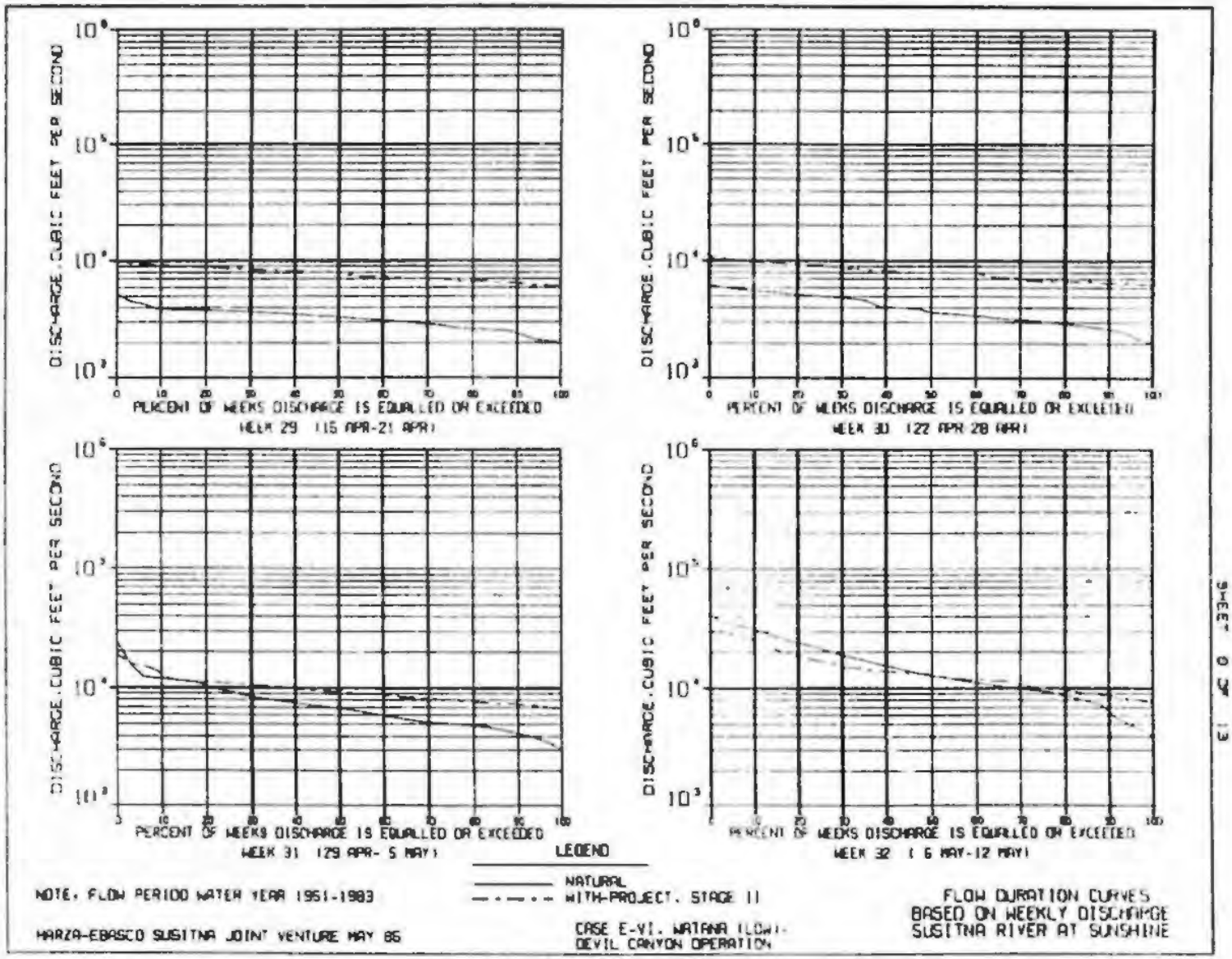
SHEET 7 OF 13



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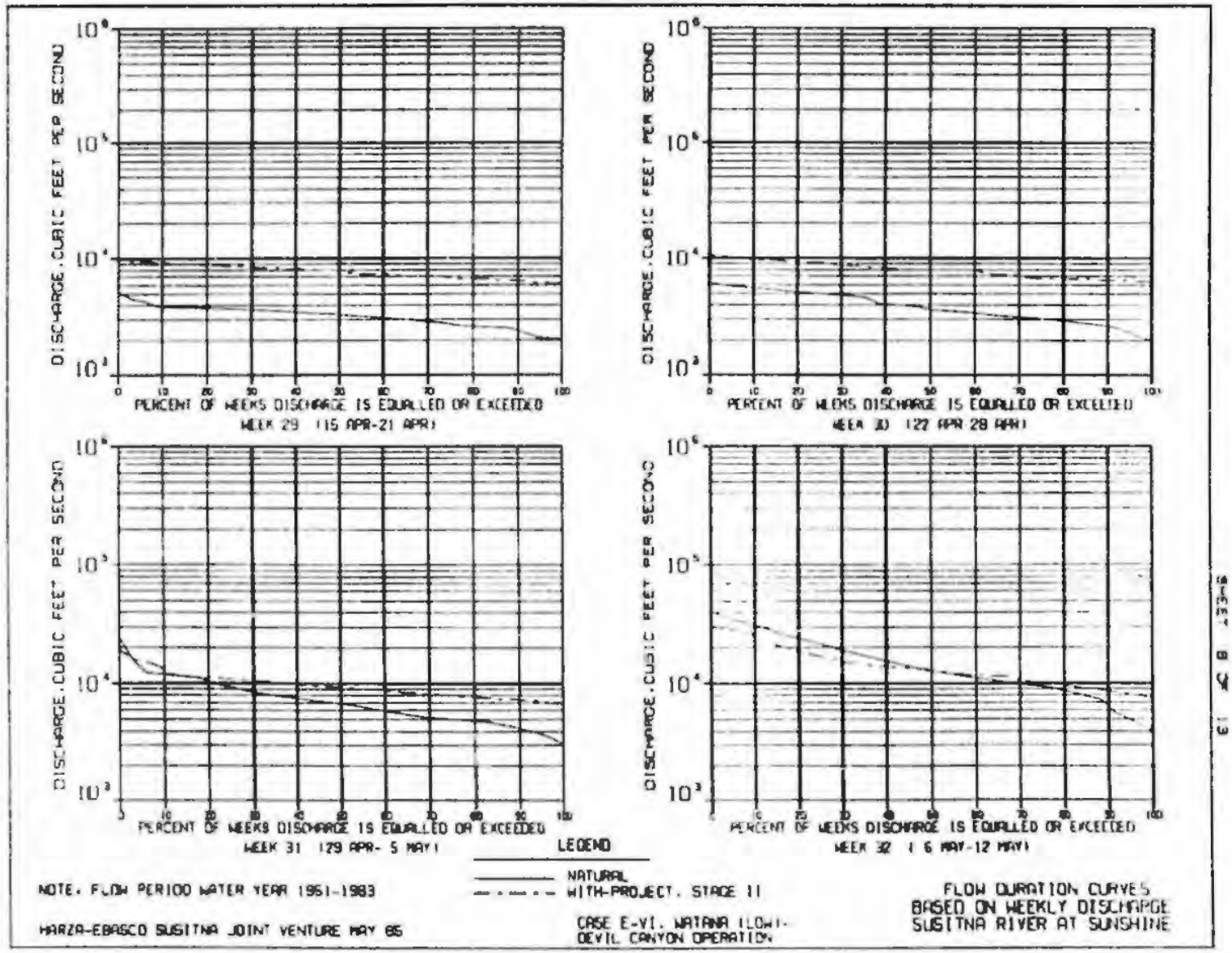
SHEET 0 OF 13



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PAGE 8 OF 13

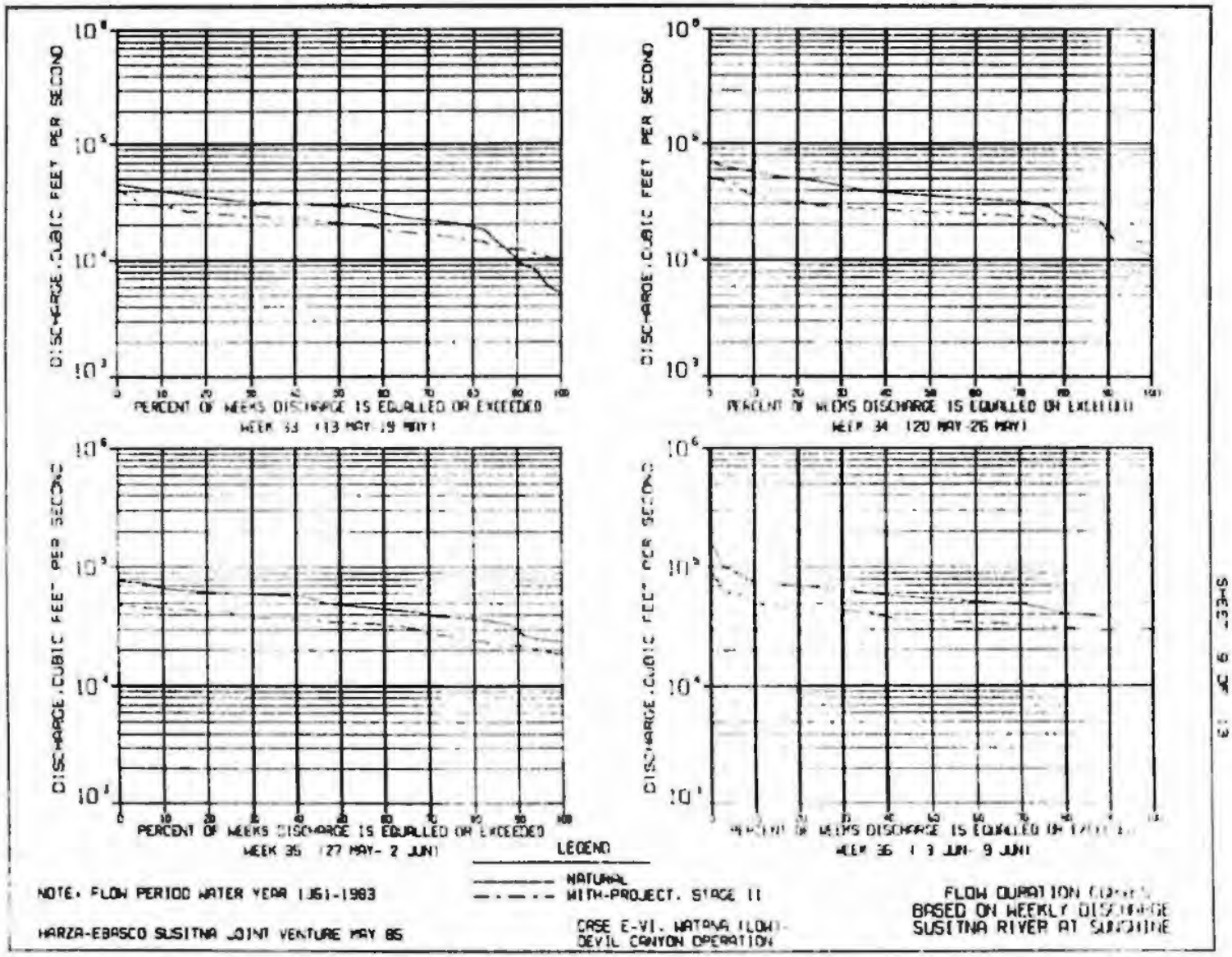


EXHIBIT 9
SHEET 9 OF 13

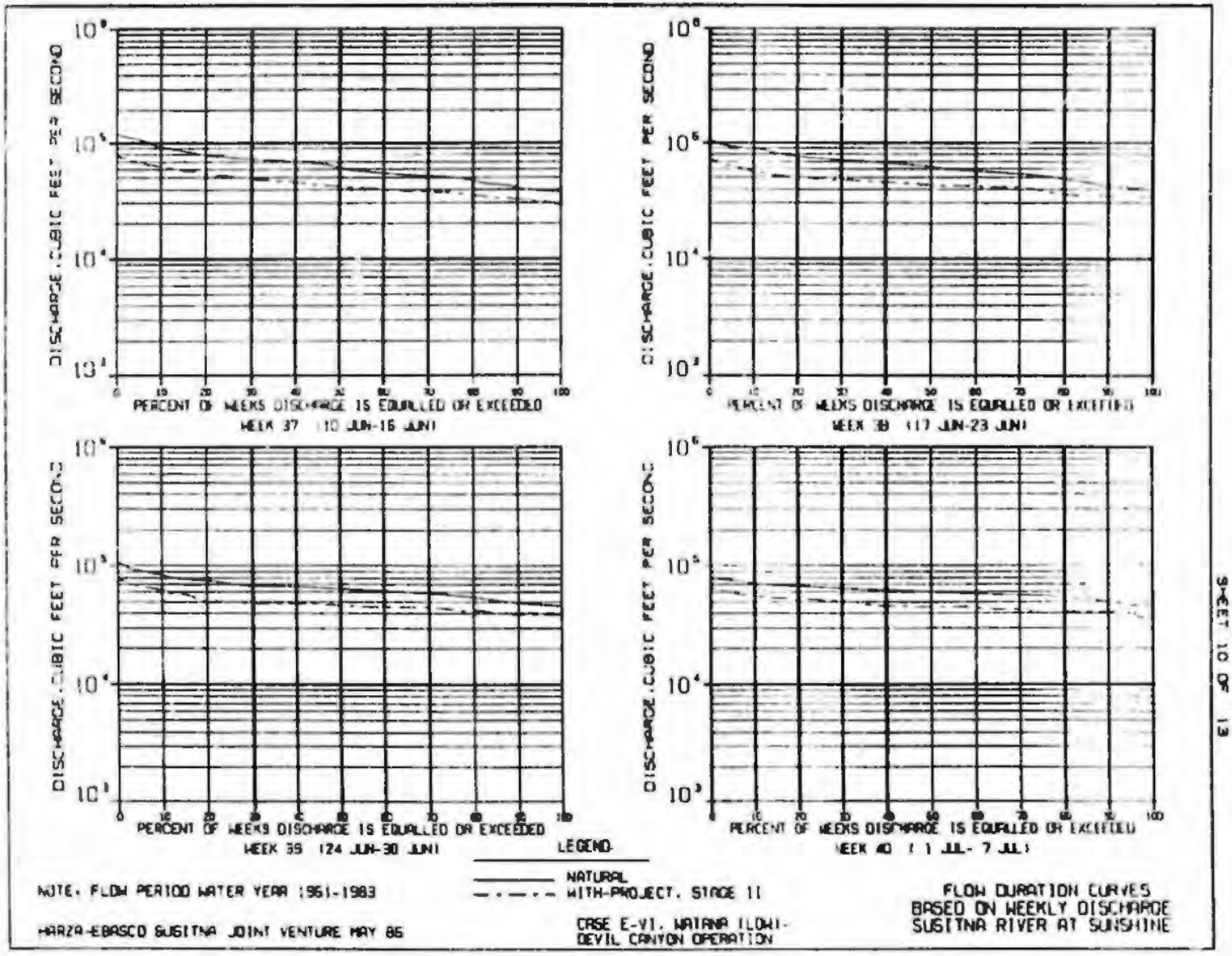


EXHIBIT 9
SHEET 10 OF 13

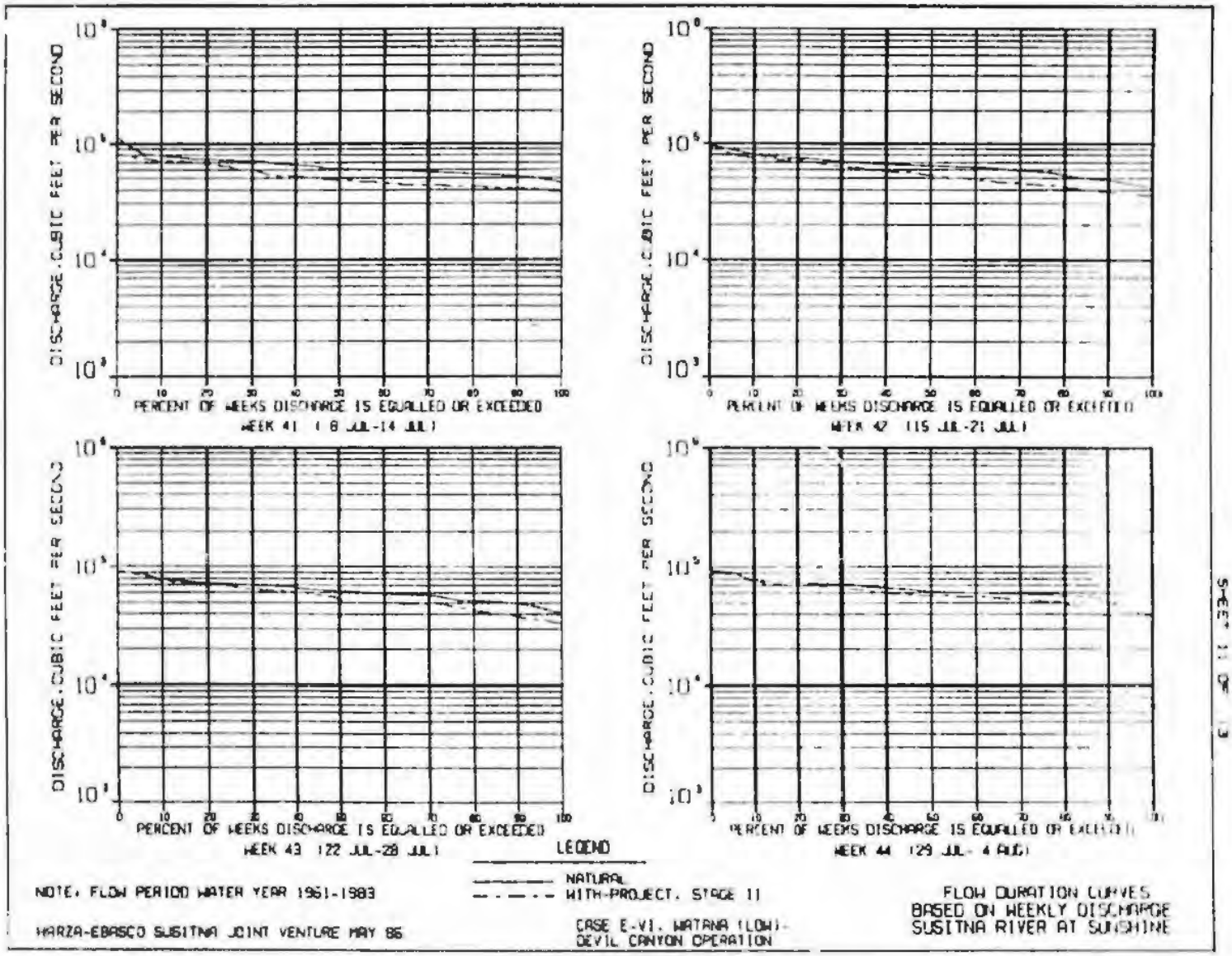


EXHIBIT 9
SHEET 1 OF 1

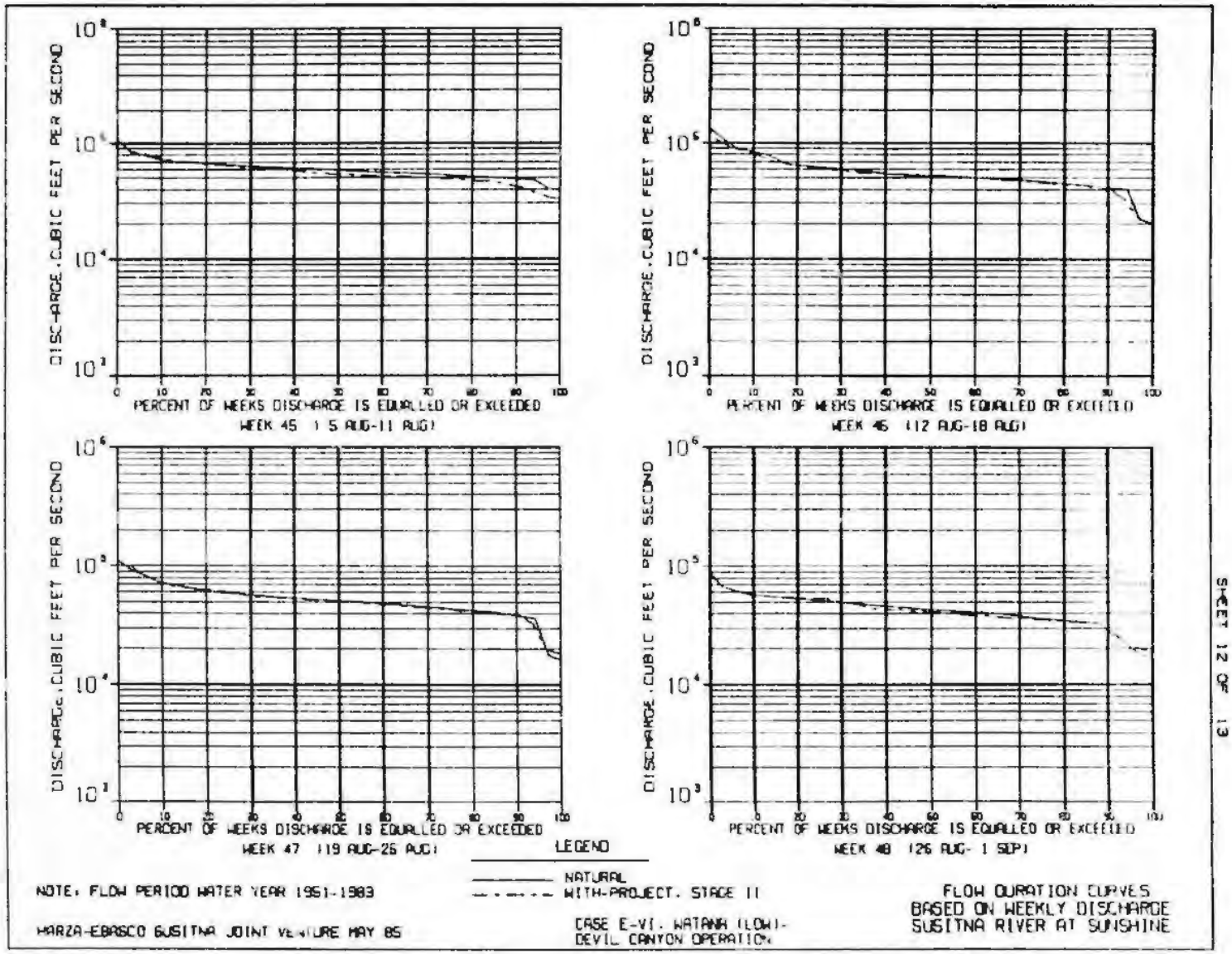


EXHIBIT 9
SHEET 12 OF 13

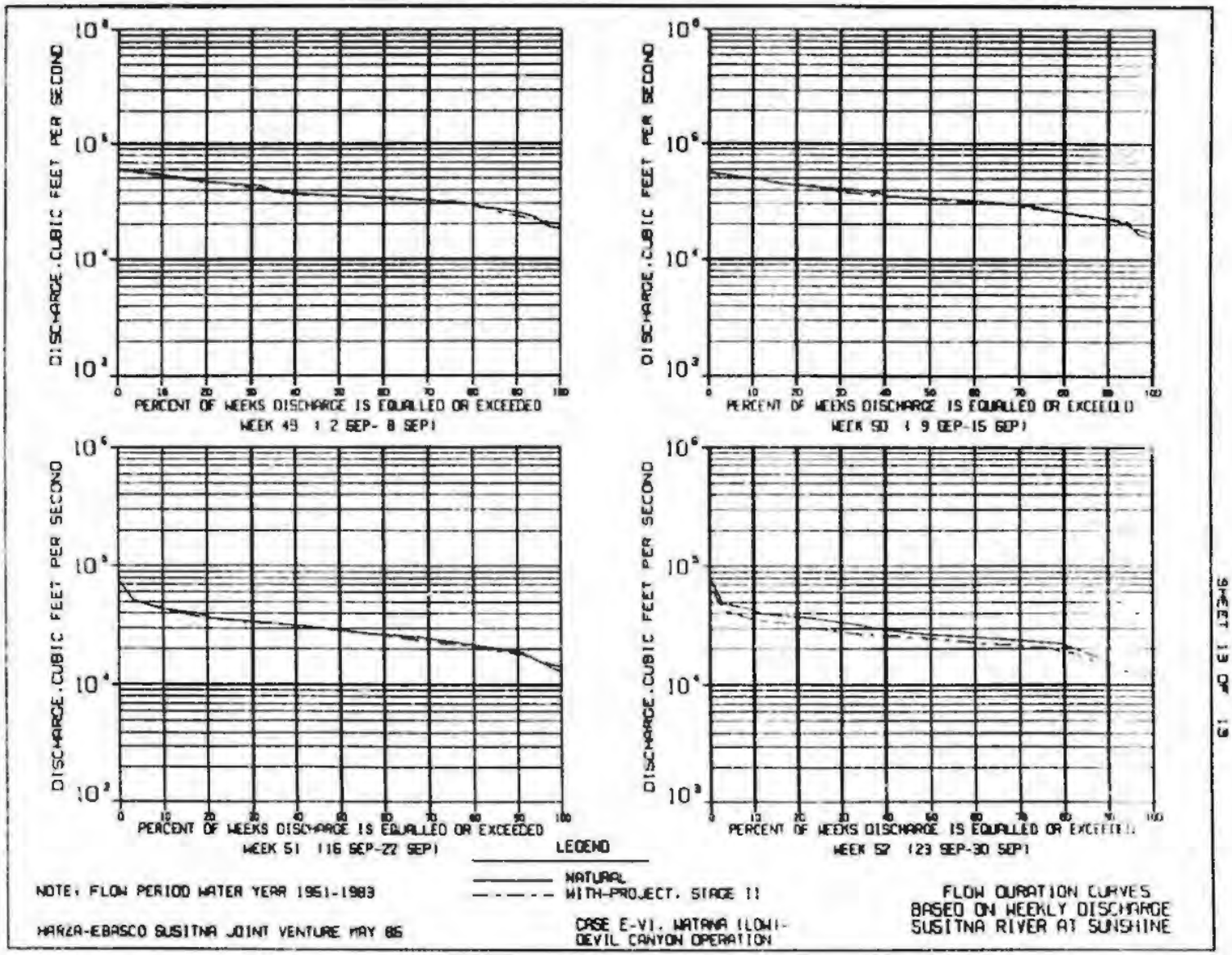


EXHIBIT 9
SHEET 13 OF 15

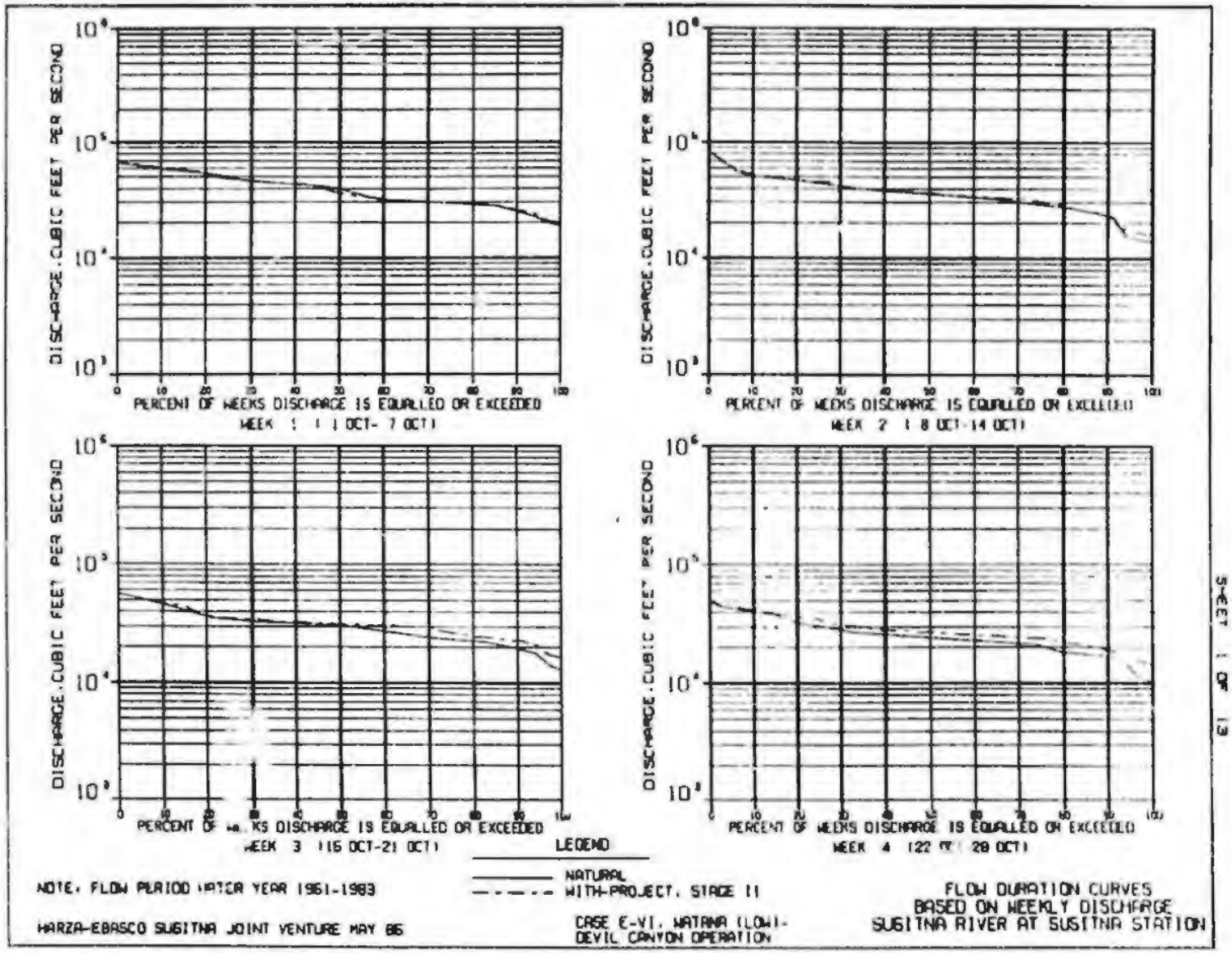


EXHIBIT 10
S-3E3T 1 OF 13

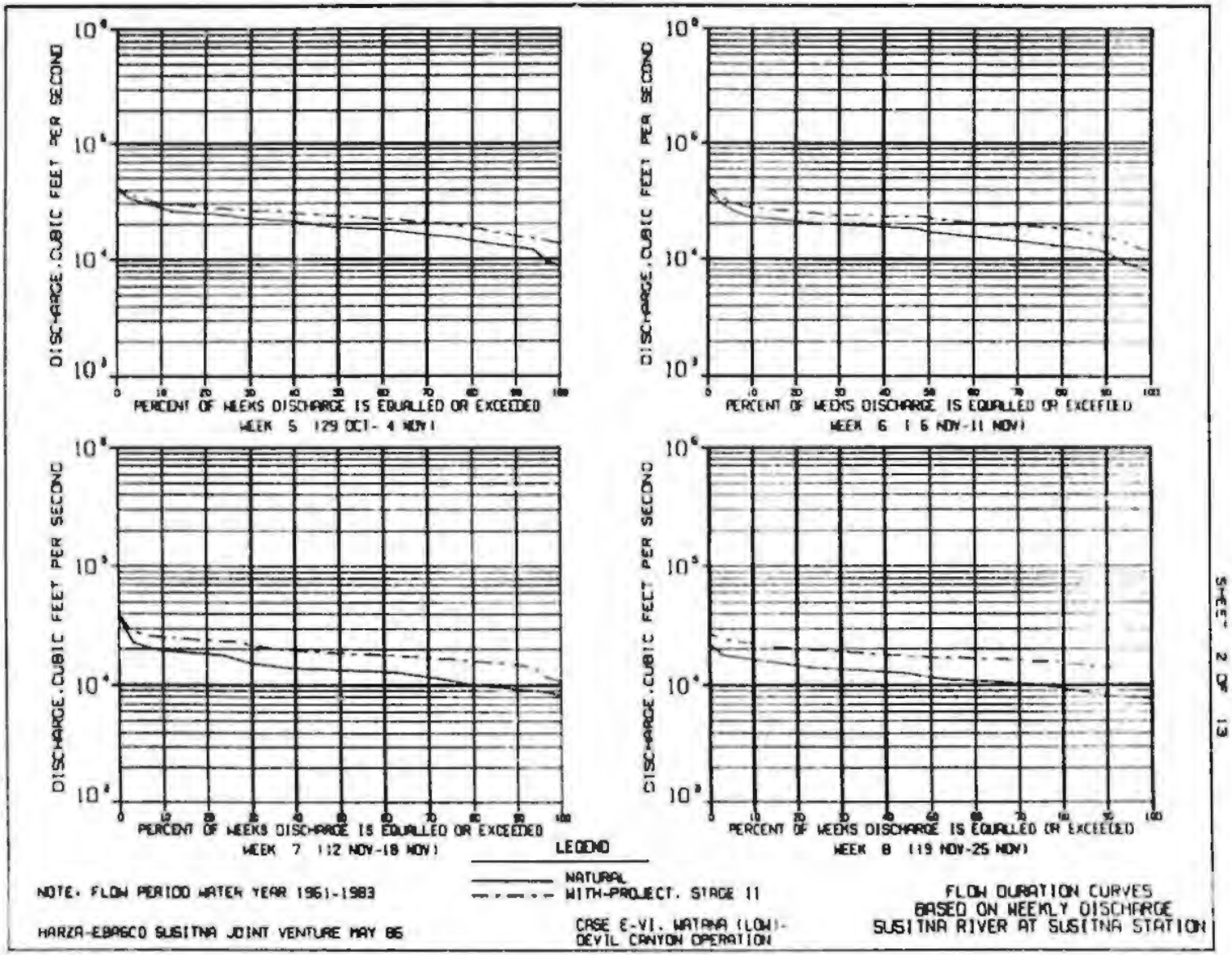
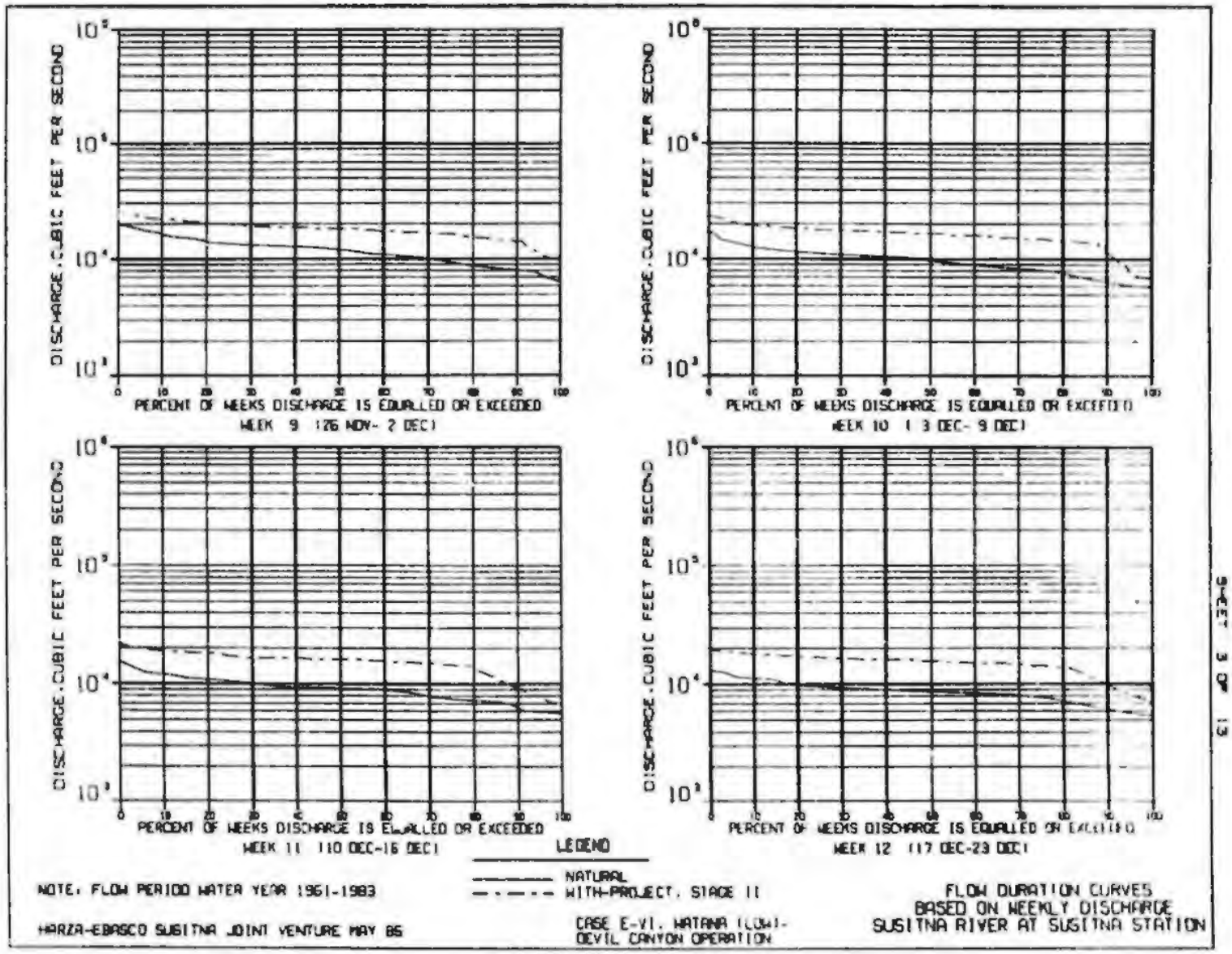


EXHIBIT 10
SHEET 2 OF 13



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SHEET 3 OF 13

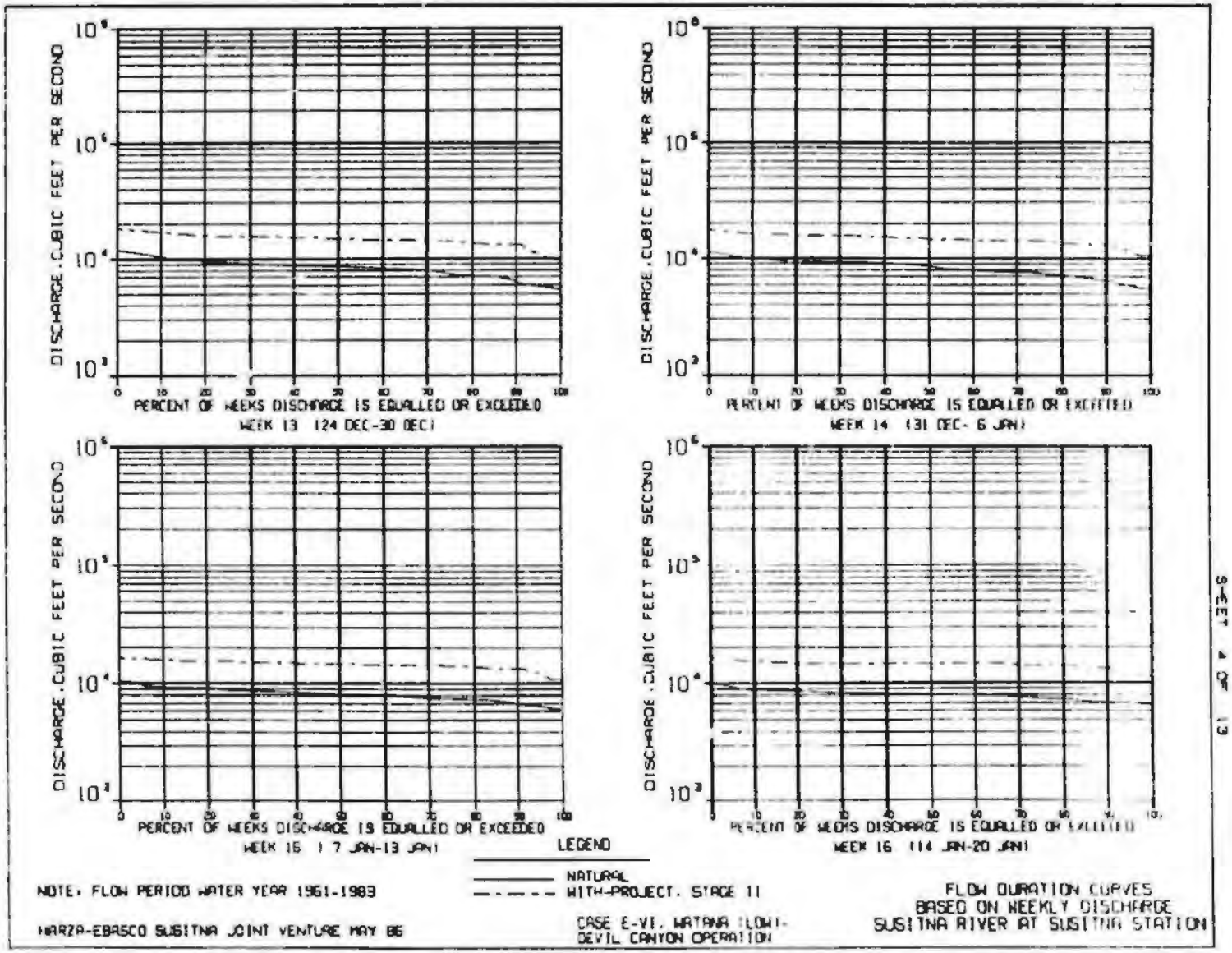


EXHIBIT 10
SHEET 4 OF 13

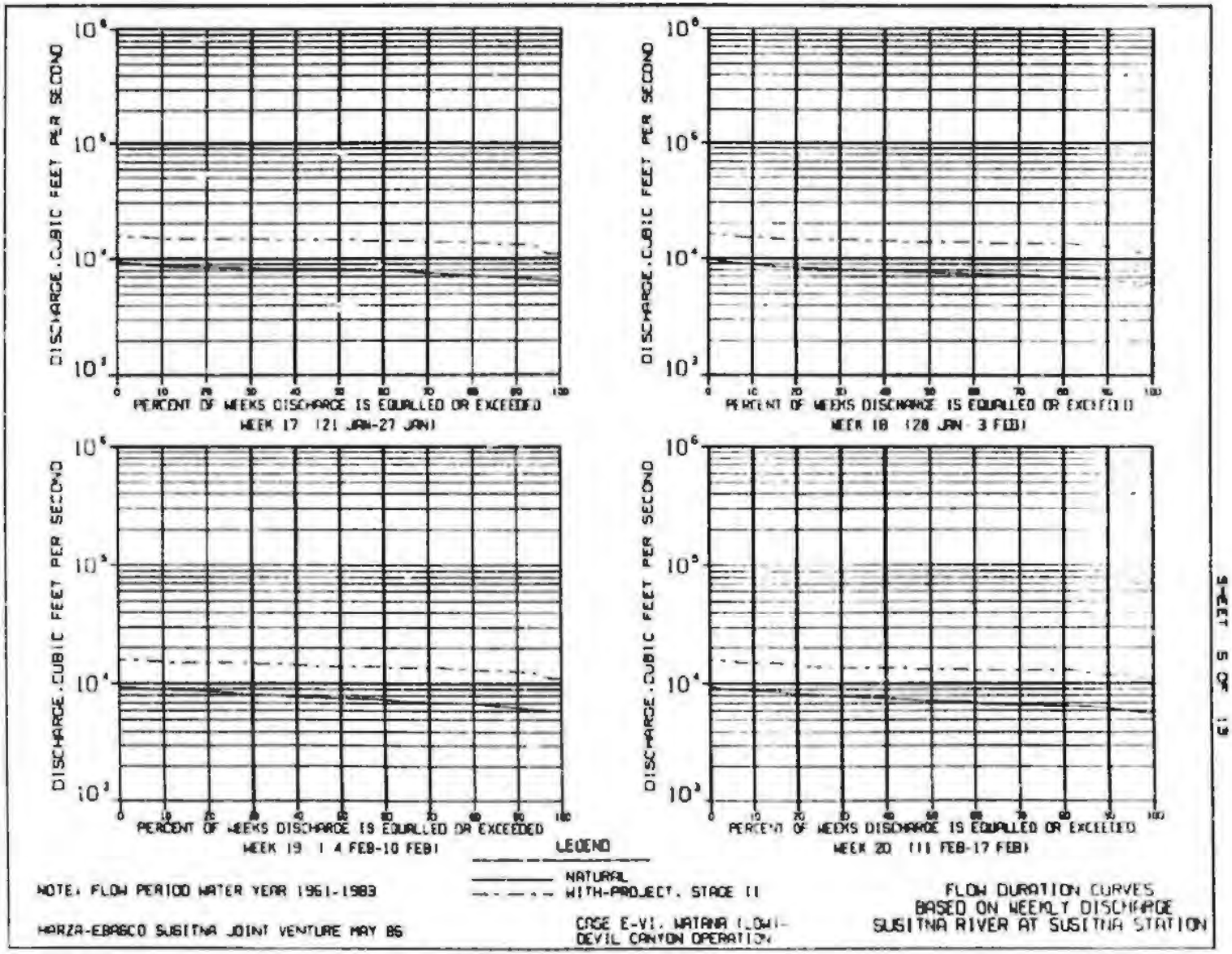


EXHIBIT 10
SHEET 5 OF 13

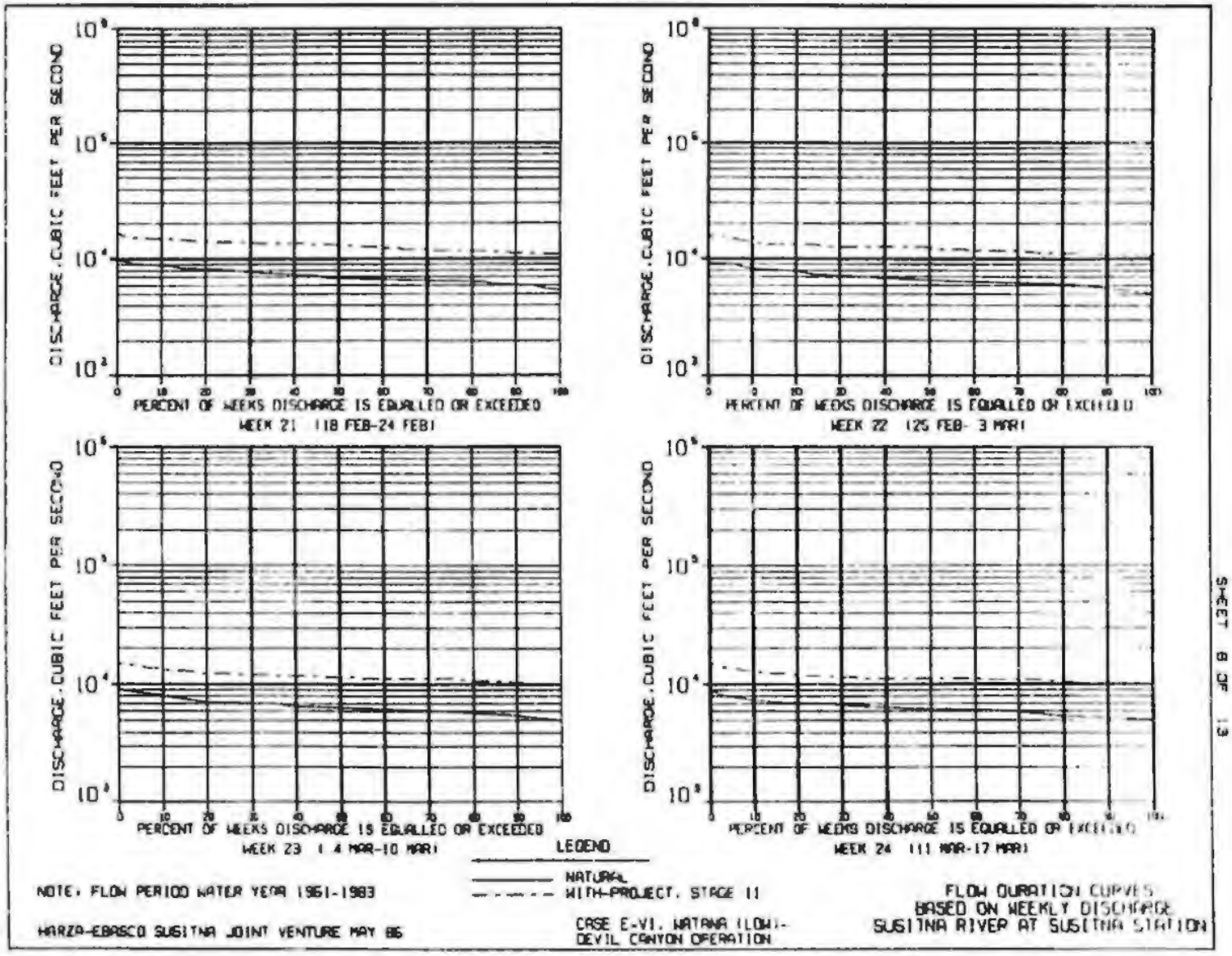


EXHIBIT 10
SHEET 8 OF 13

EXHIBIT 10
SHEET 3 OF 13

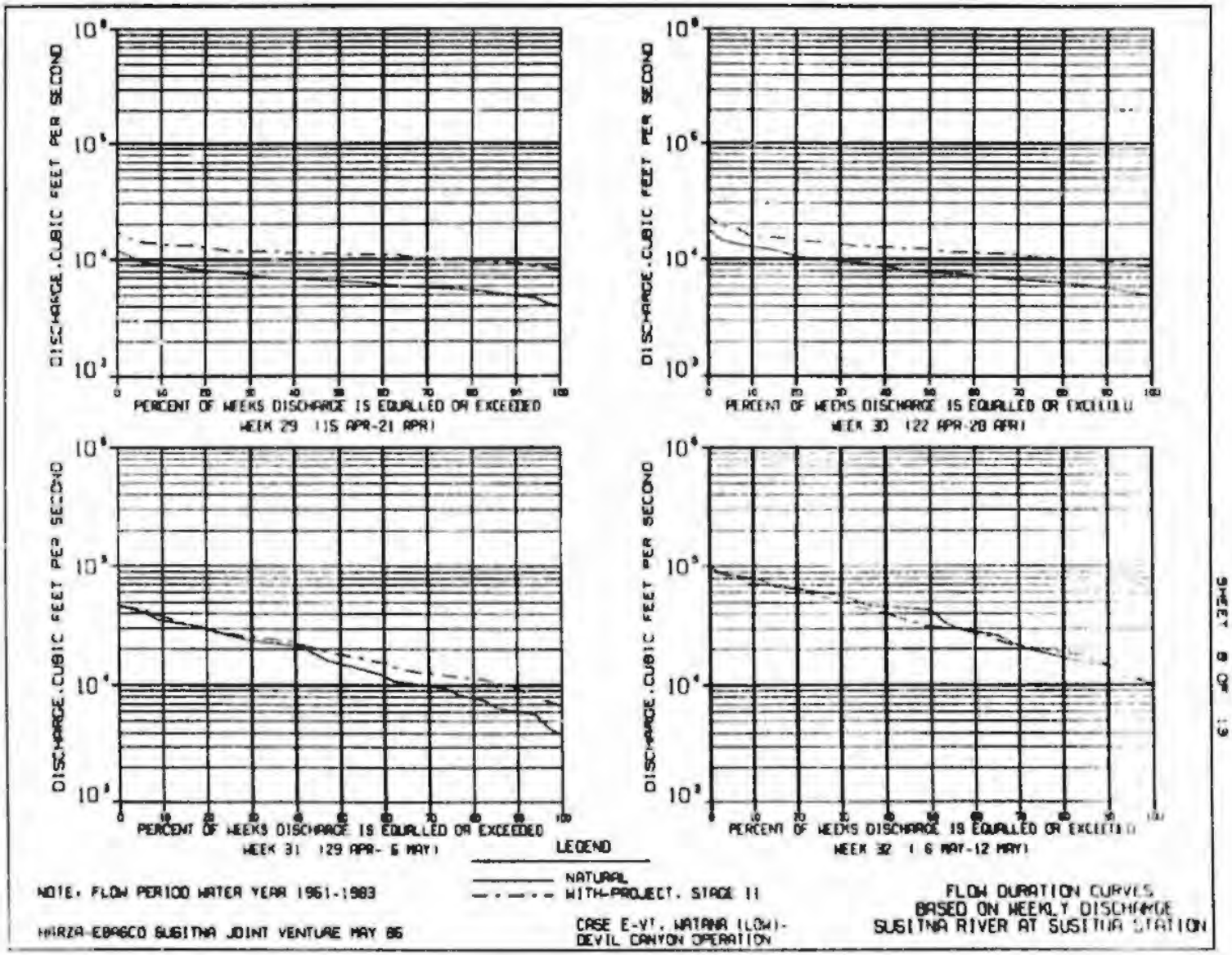


EXHIBIT 10
SHEET 8 OF 13

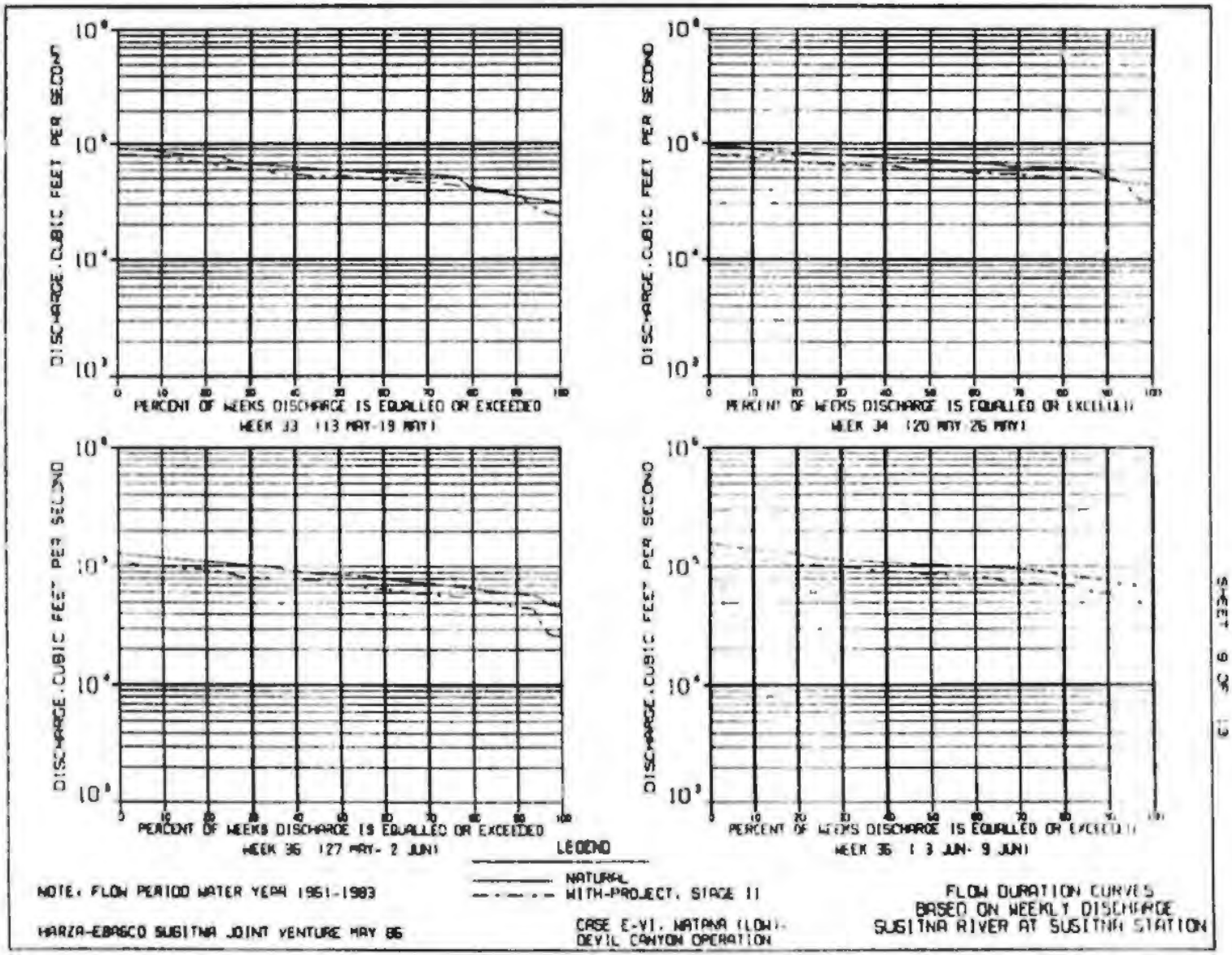
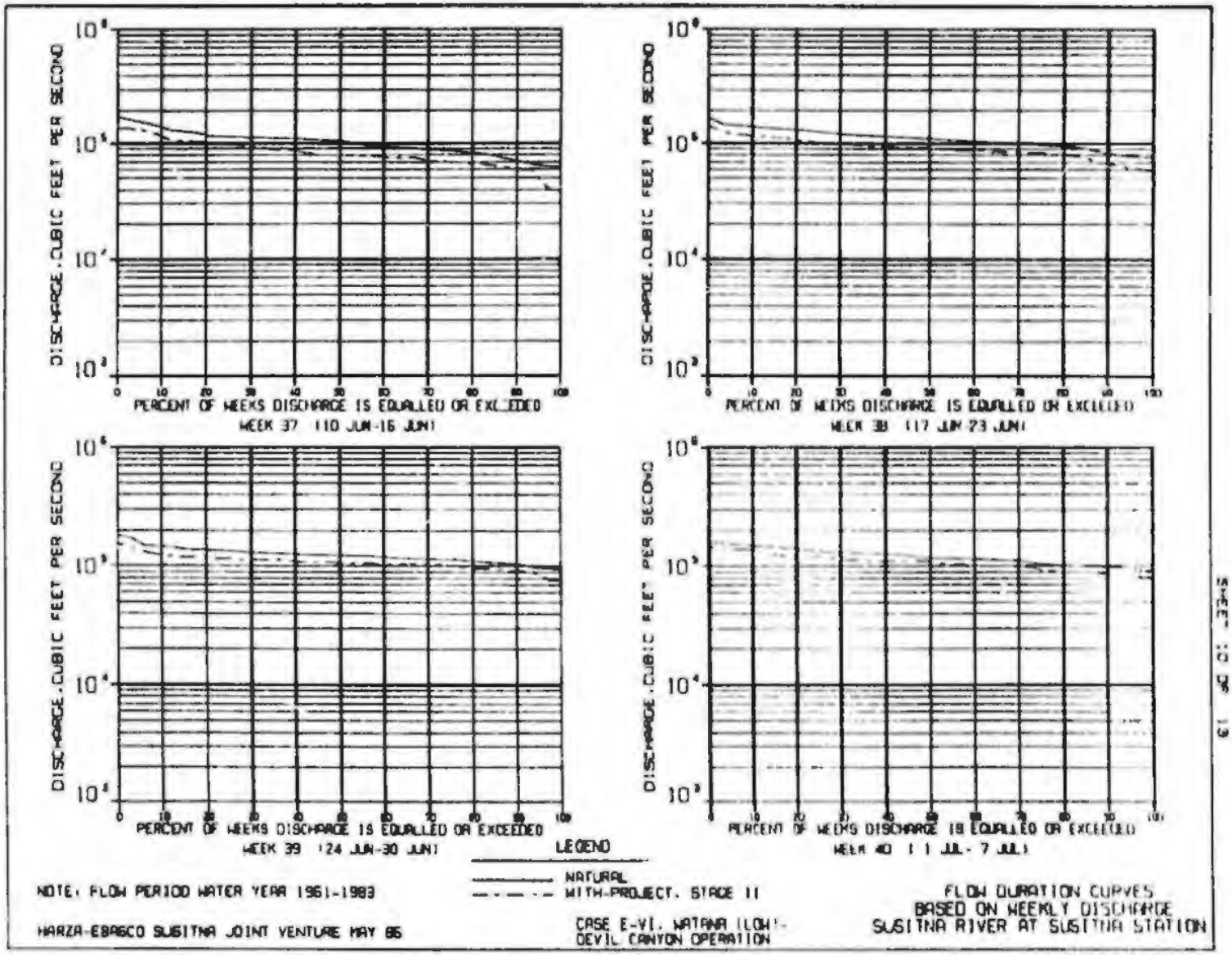


EXHIBIT 10
SHEET 9 OF 13



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SHEET 13 OF 13

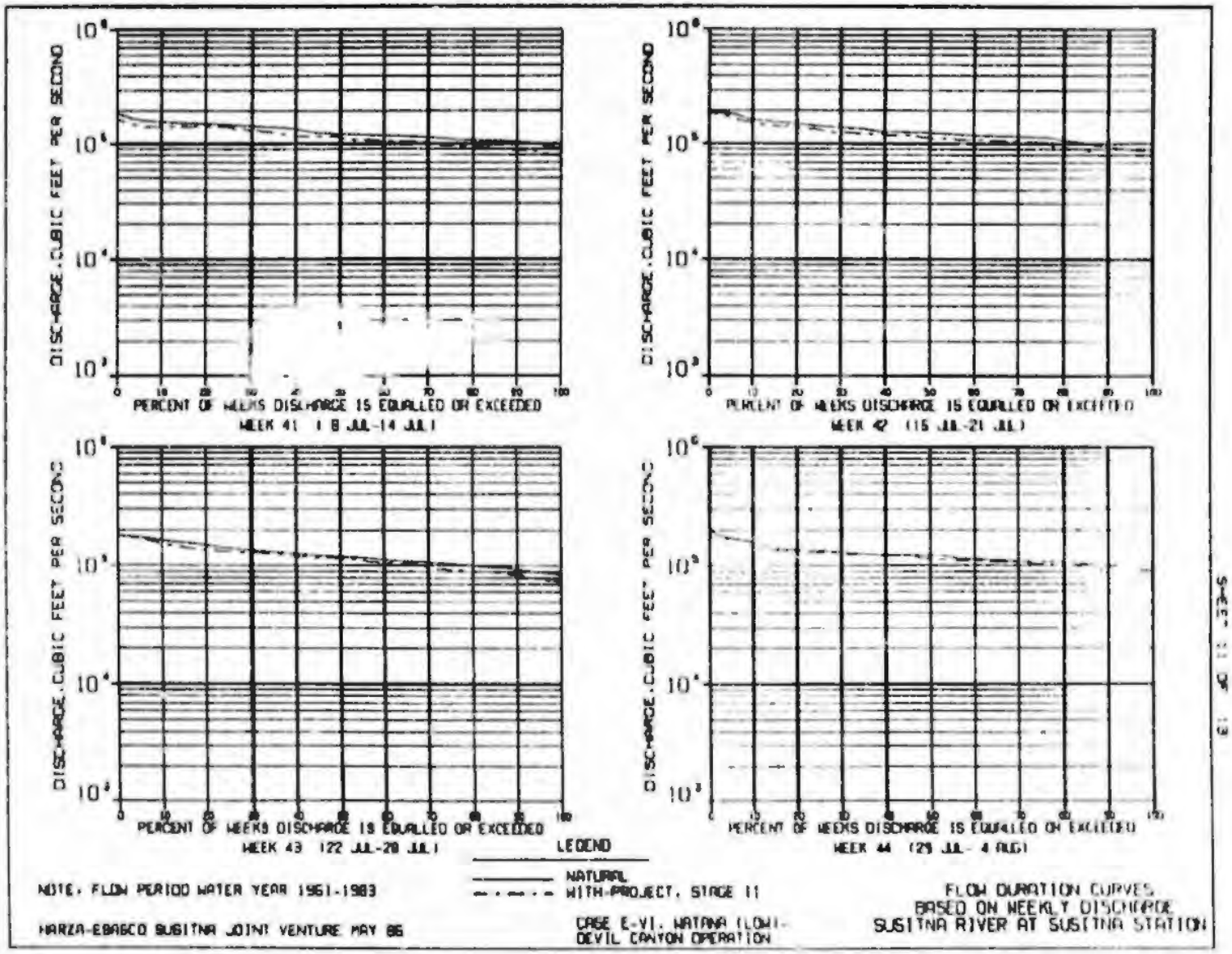
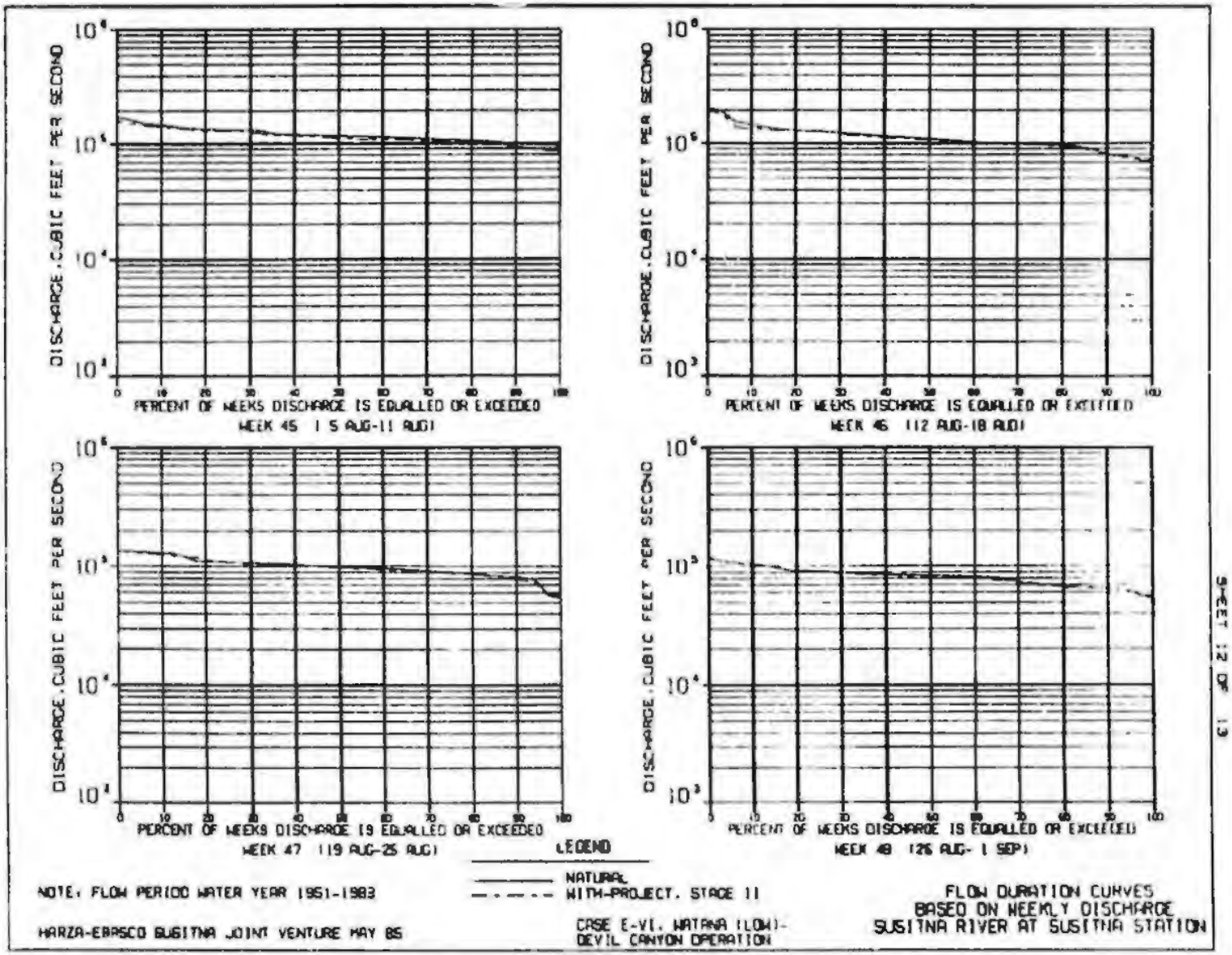


EXHIBIT 10
SHEET 13 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

CASE E-VI, WATANA (FLOAT)-DEVIL CANYON OPERATION

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

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

EXHIBIT 10
SHEET 12 OF 13

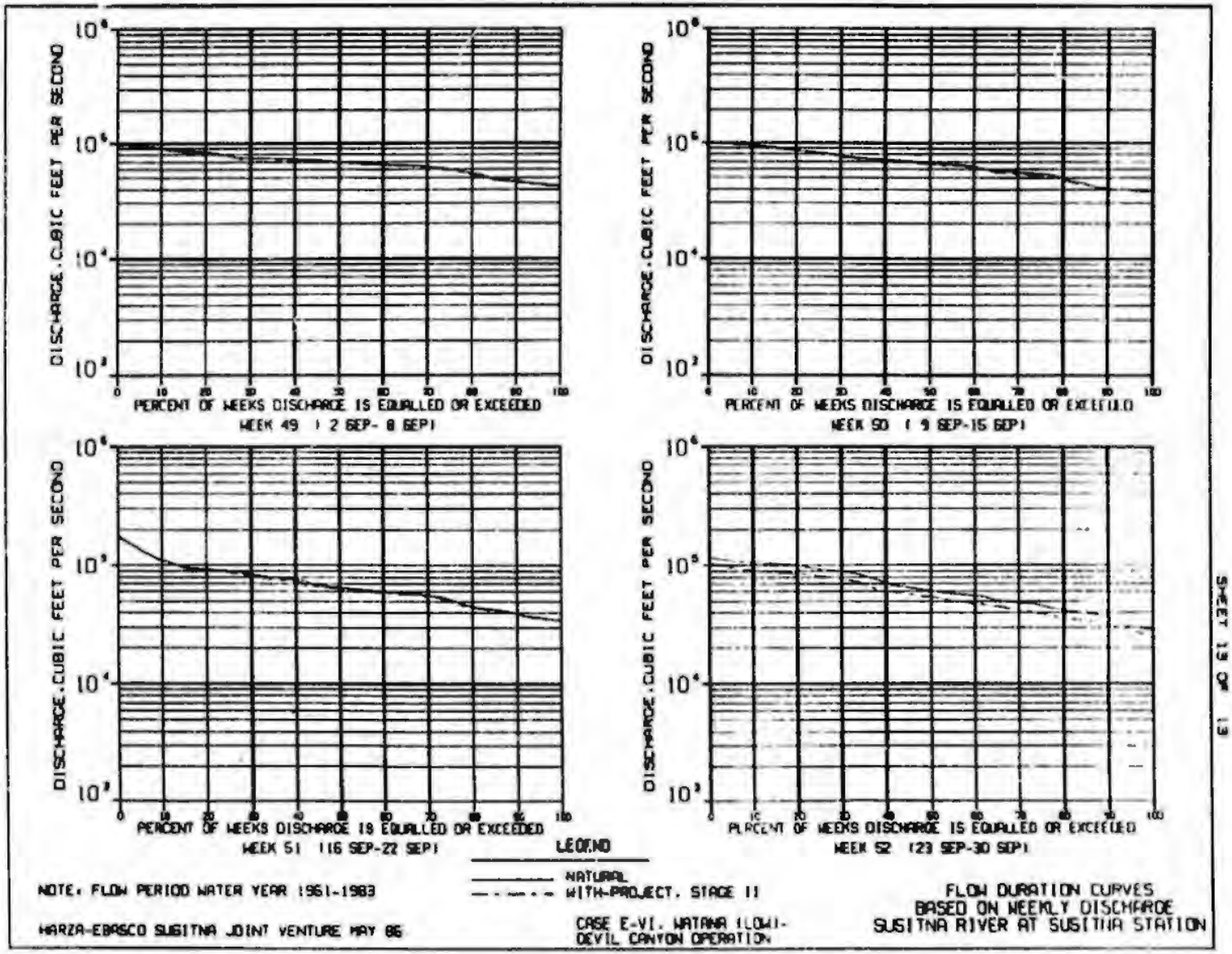


EXHIBIT 10
SHEET 13 OF 13

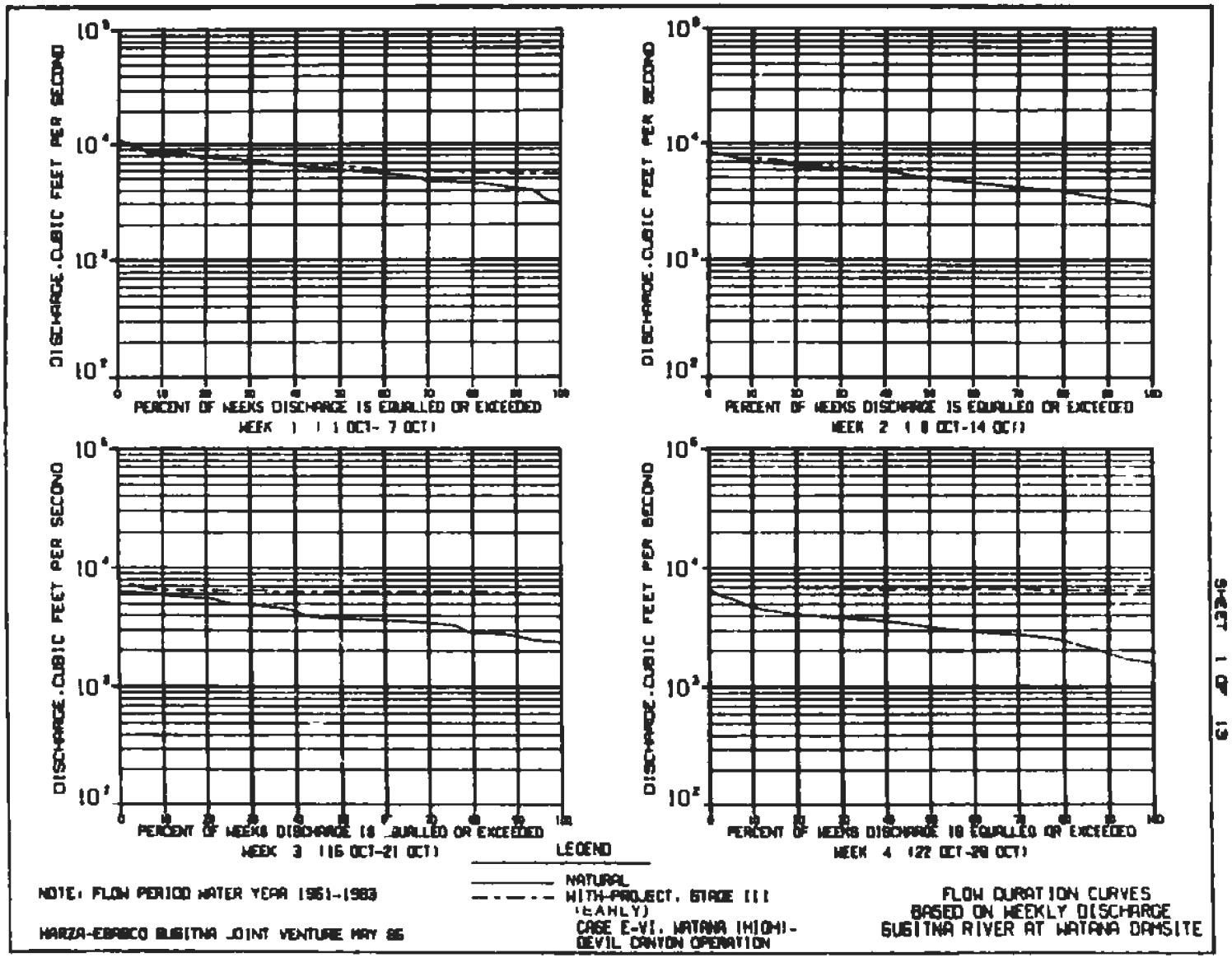
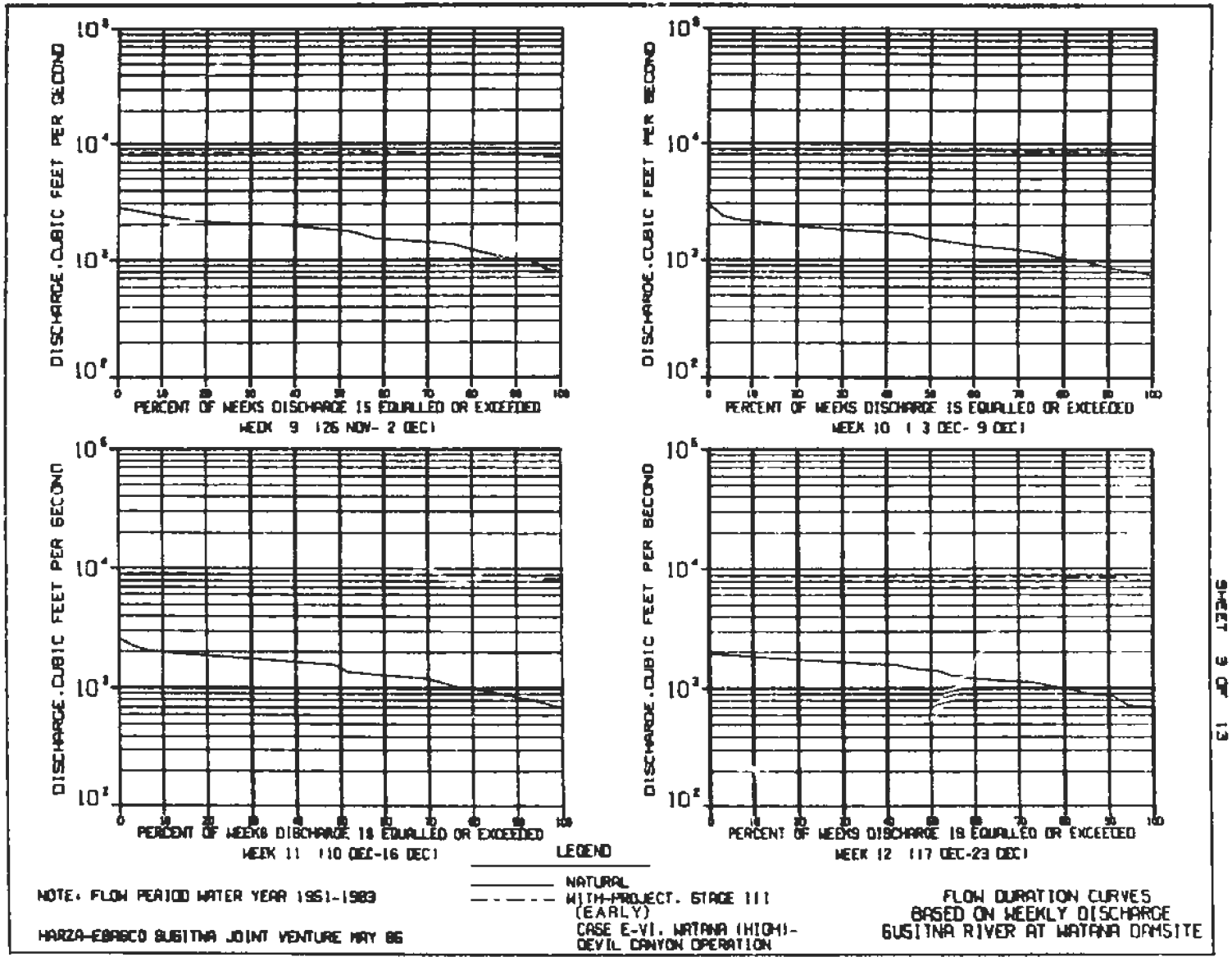


EXHIBIT 11
SHEET 1 OF 13

EXHIBIT 11
SHEET 2 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT WATANA DAMSITE

EXHIBIT 11
SHEET 6 OF 13

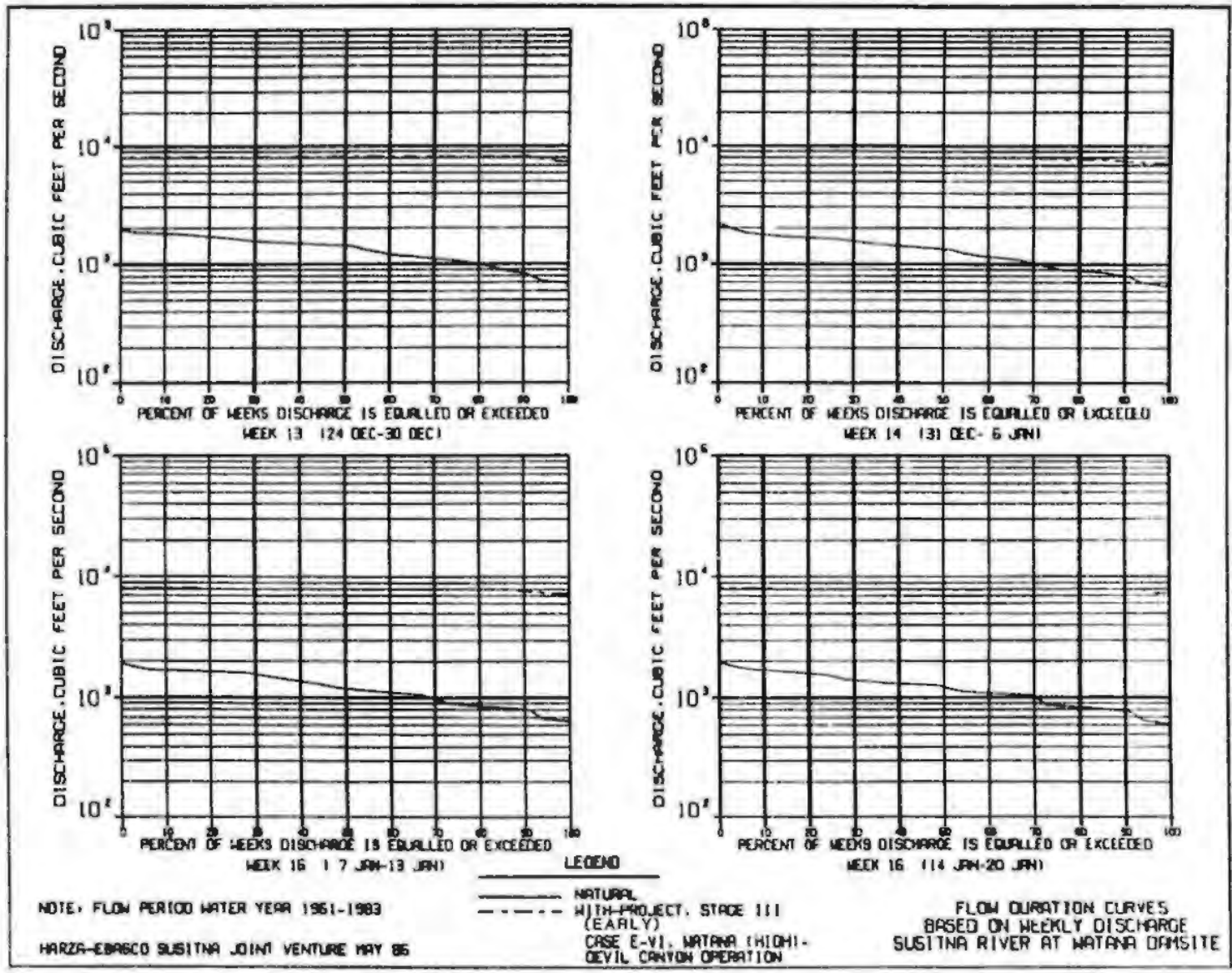


EXHIBIT 11
SHEET 4 OF 19

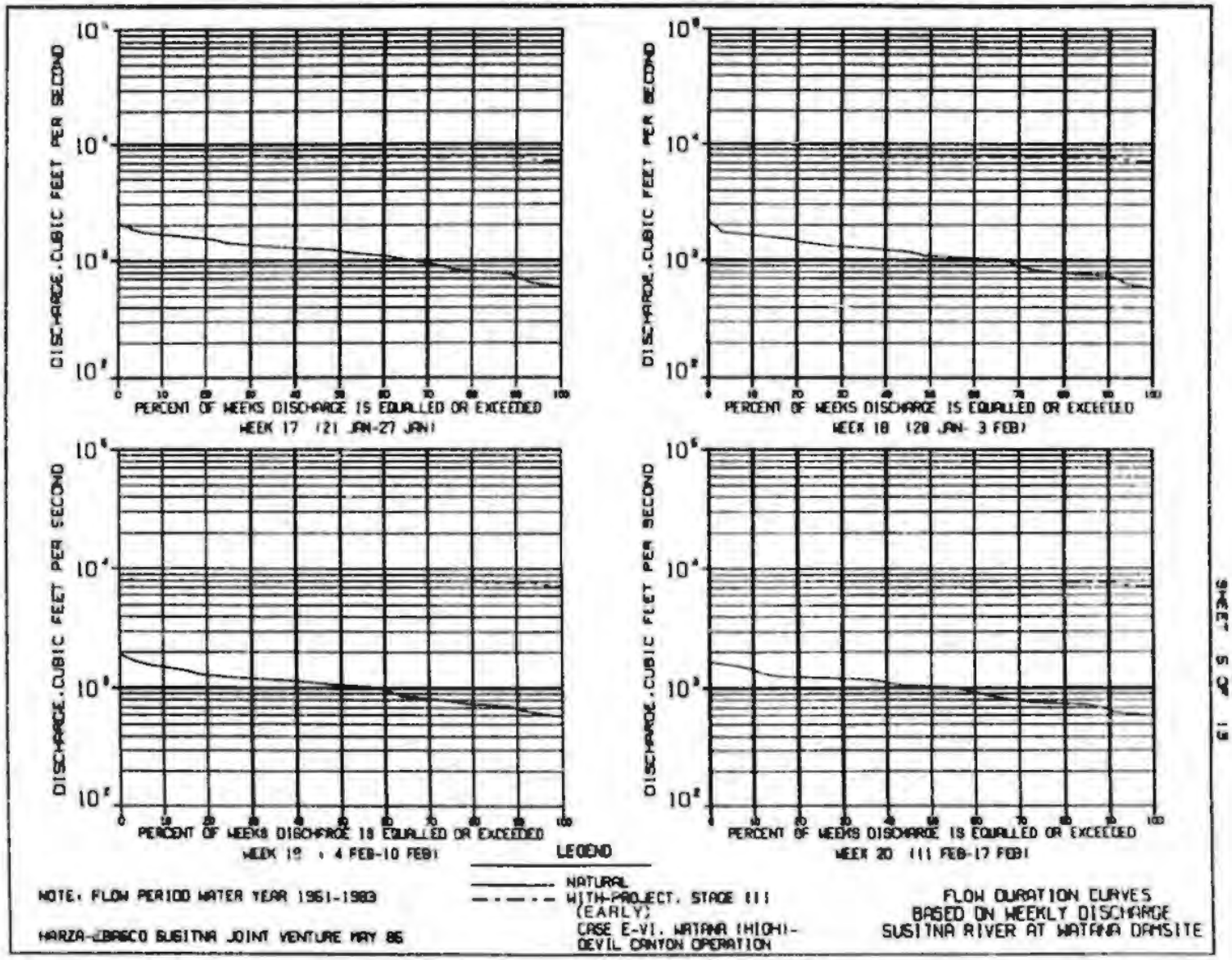


EXHIBIT 11
SHEET 5 OF 19

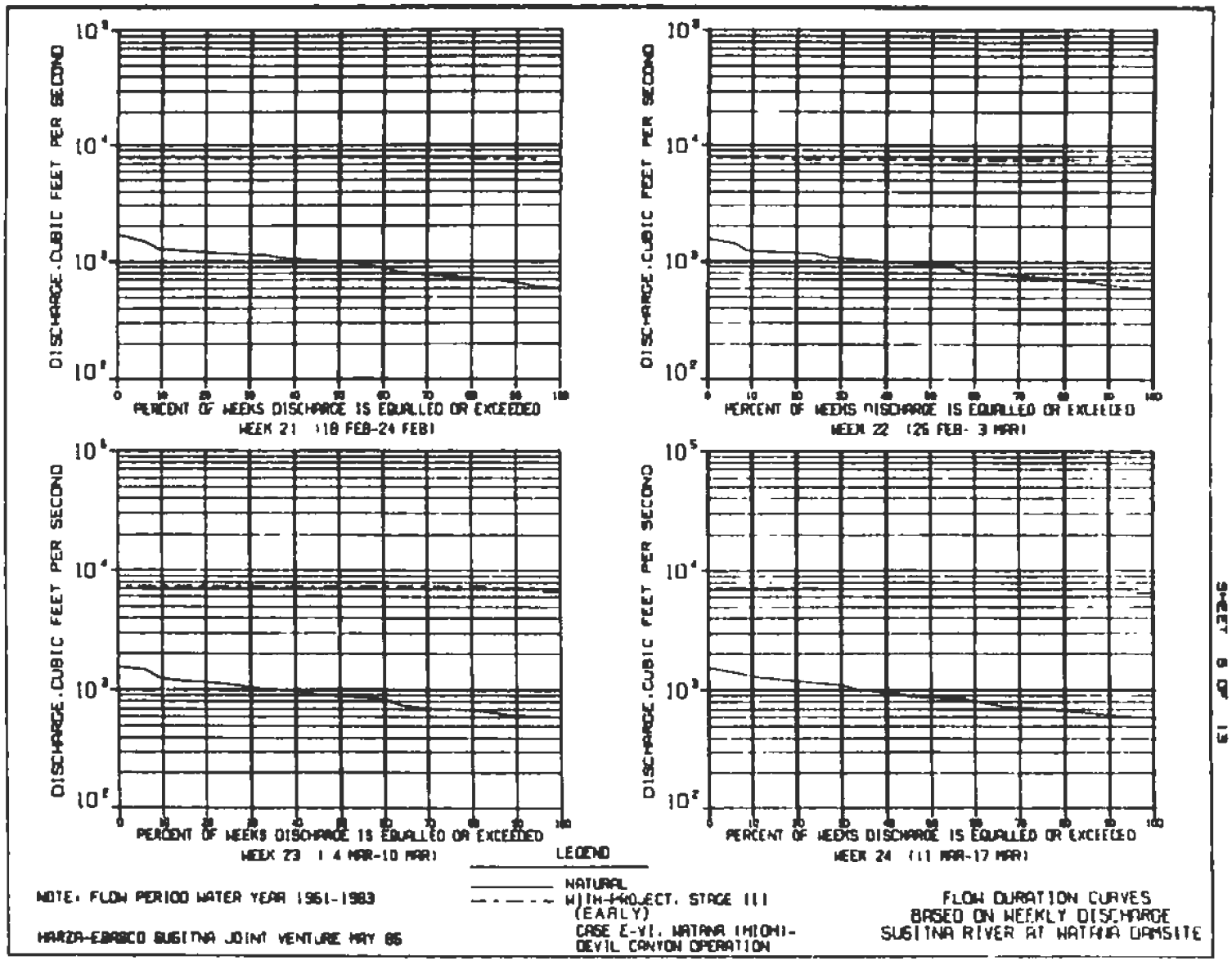
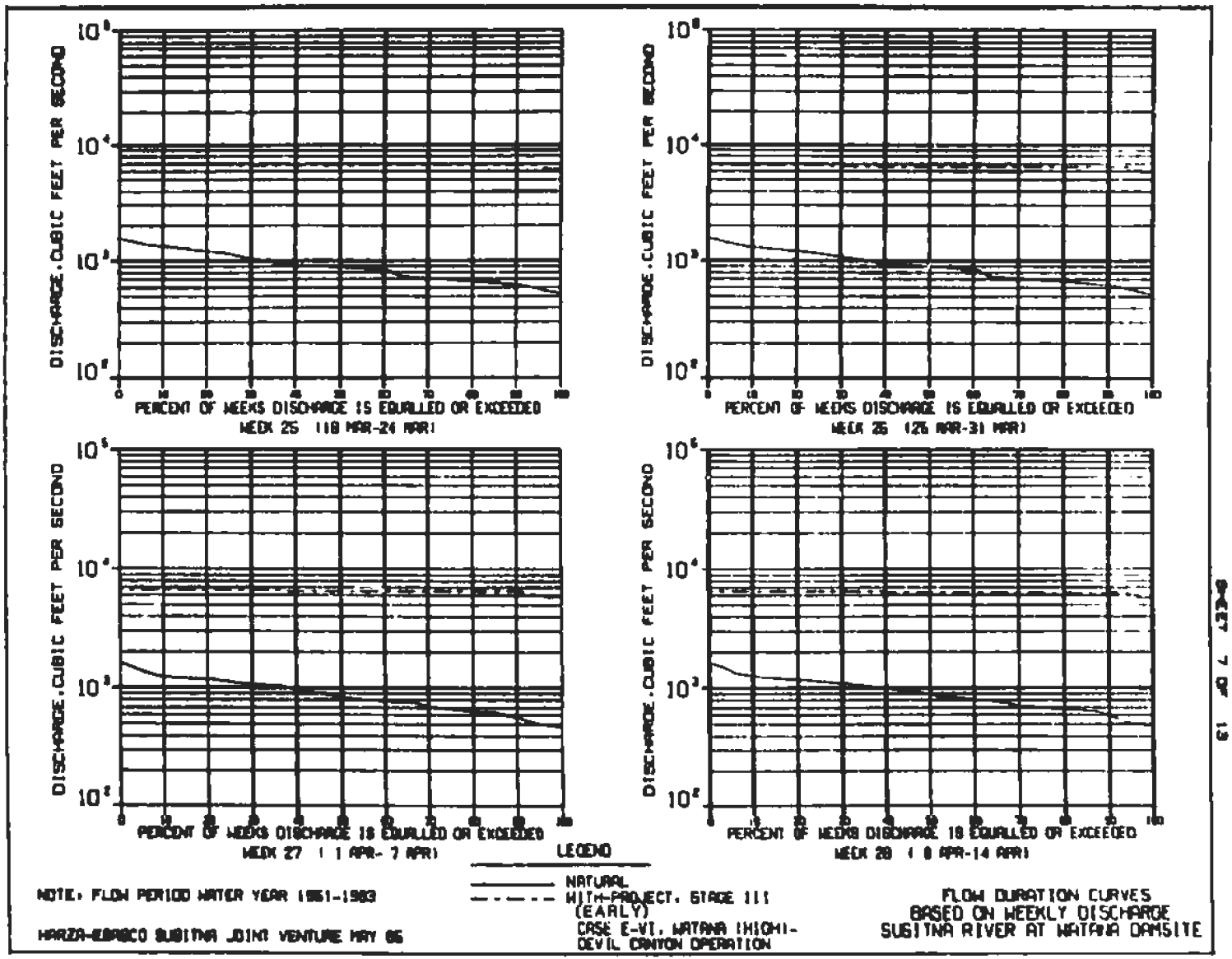


EXHIBIT 11
SHEET 6 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT WATANA DAMSITE

EXHIBIT 11
SHEET 7 OF 13

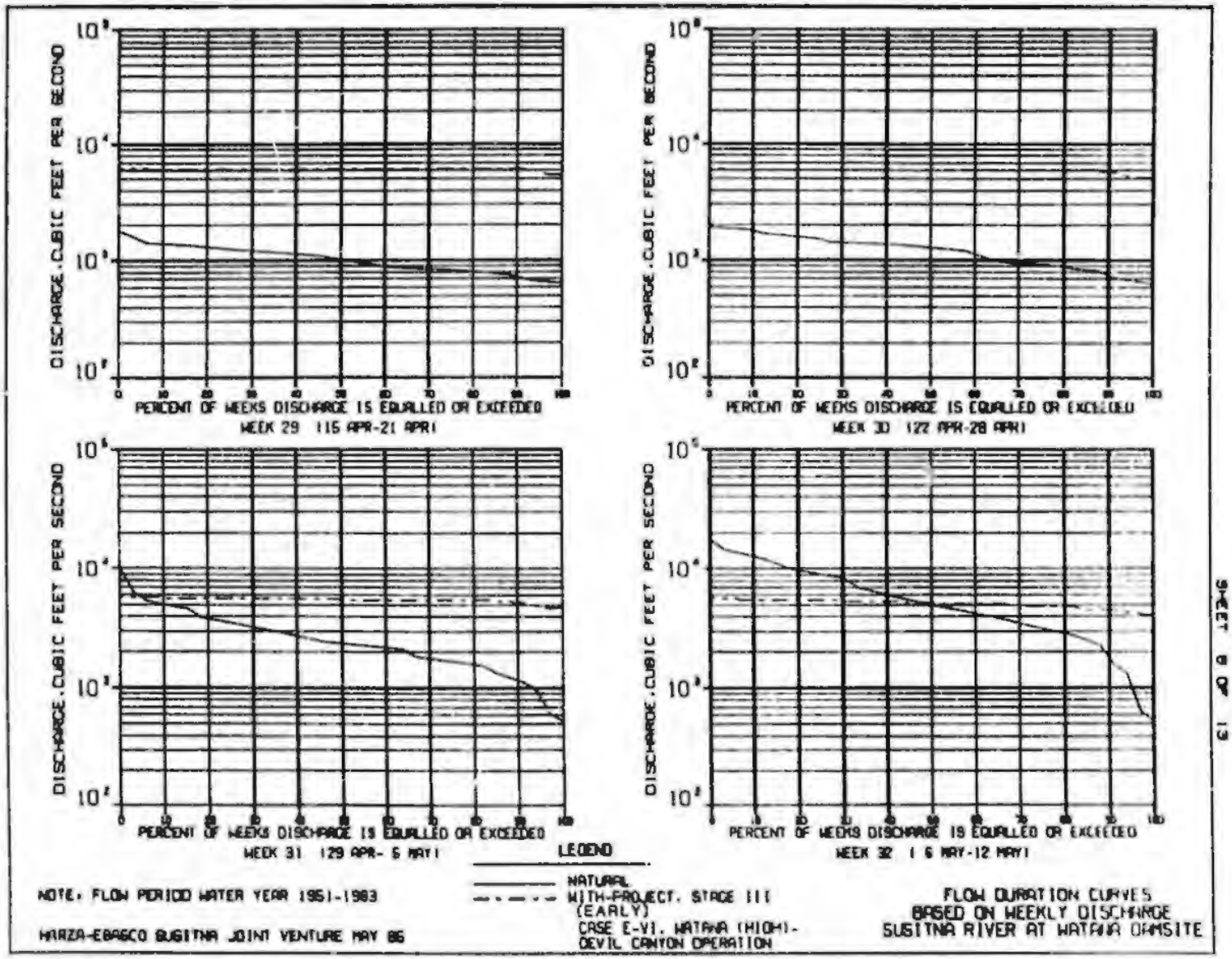


EXHIBIT 11
PAGE 9 OF 13

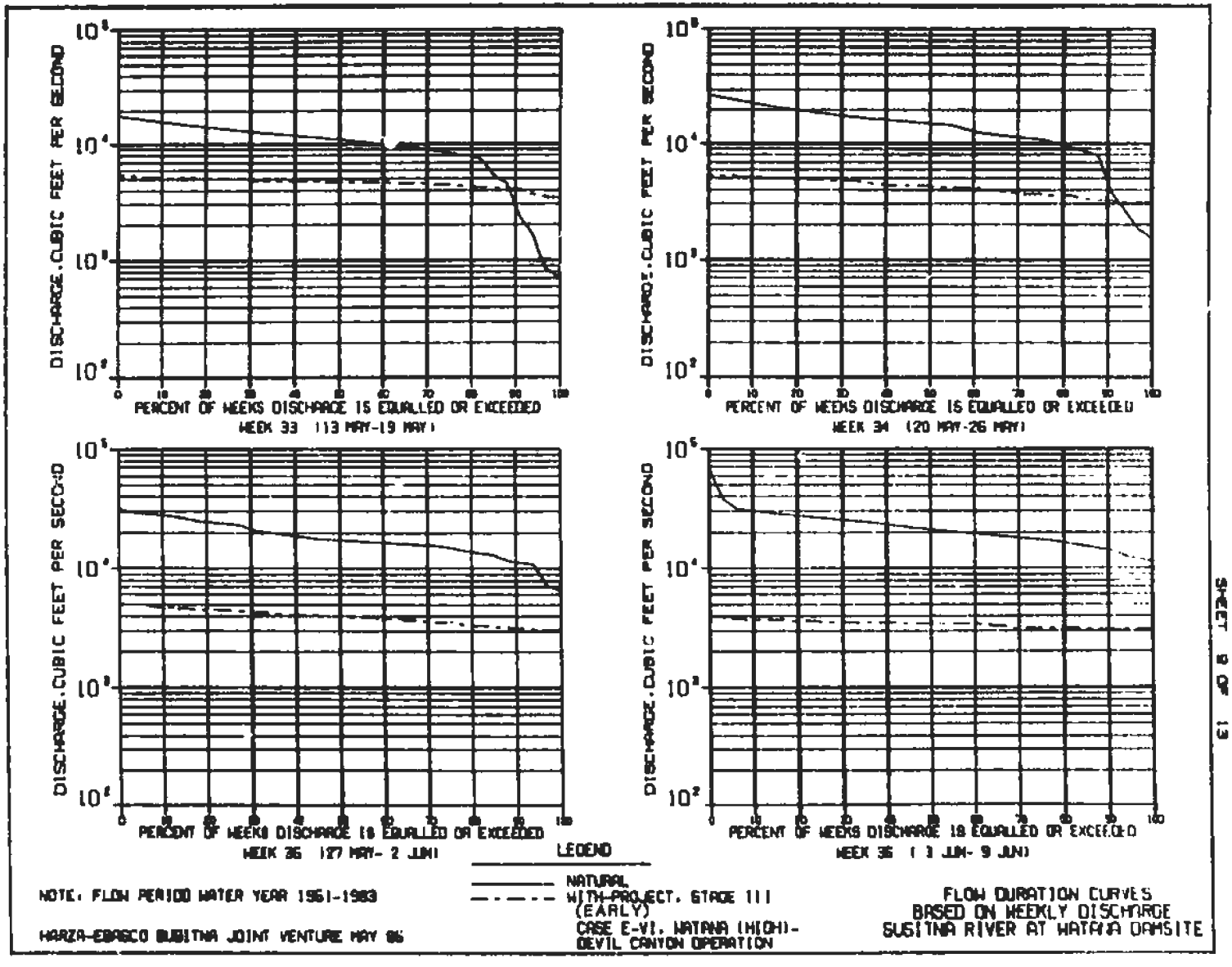


EXHIBIT 11
SHEET 8 OF 13

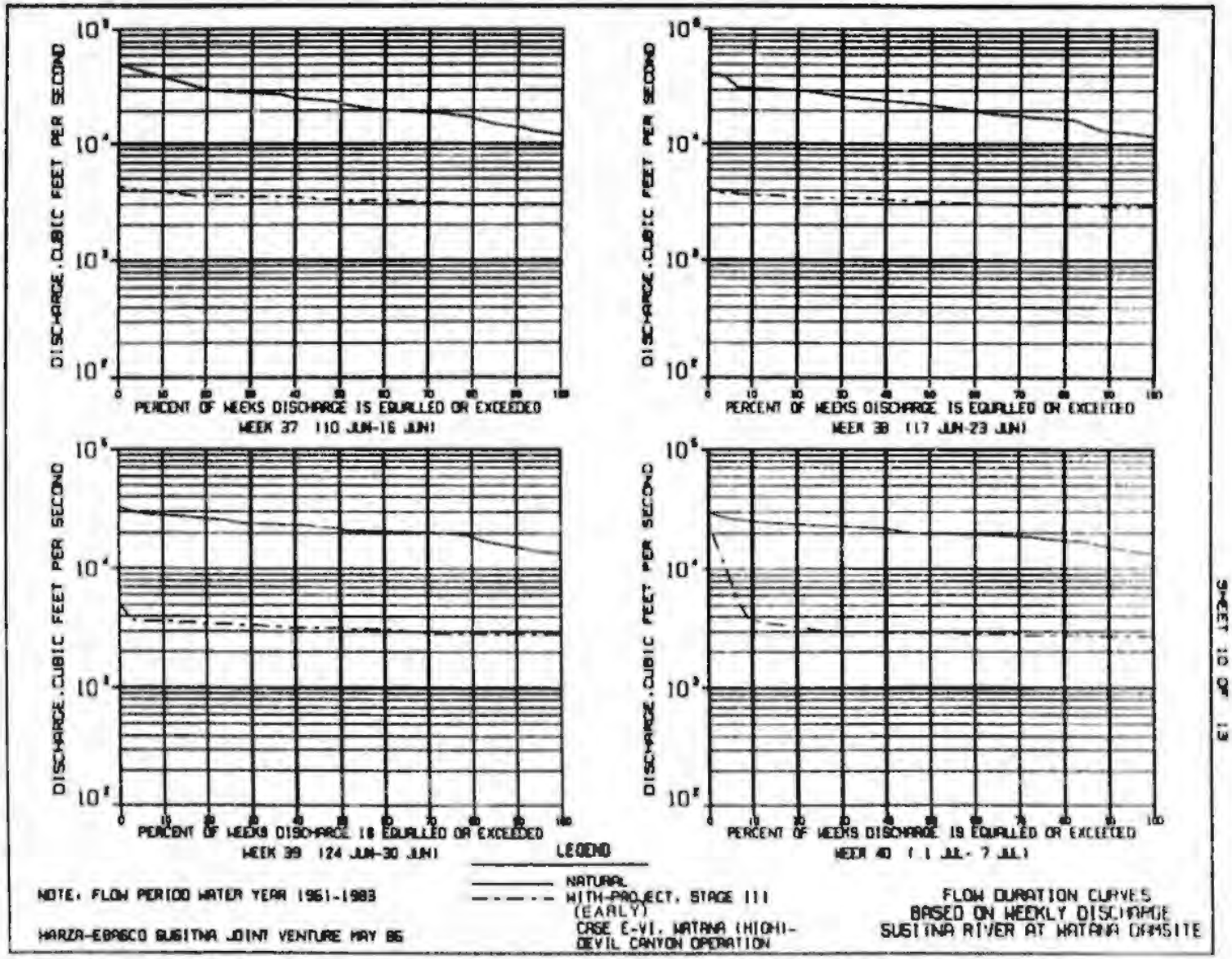


EXHIBIT 11
SHEET 10 OF 13

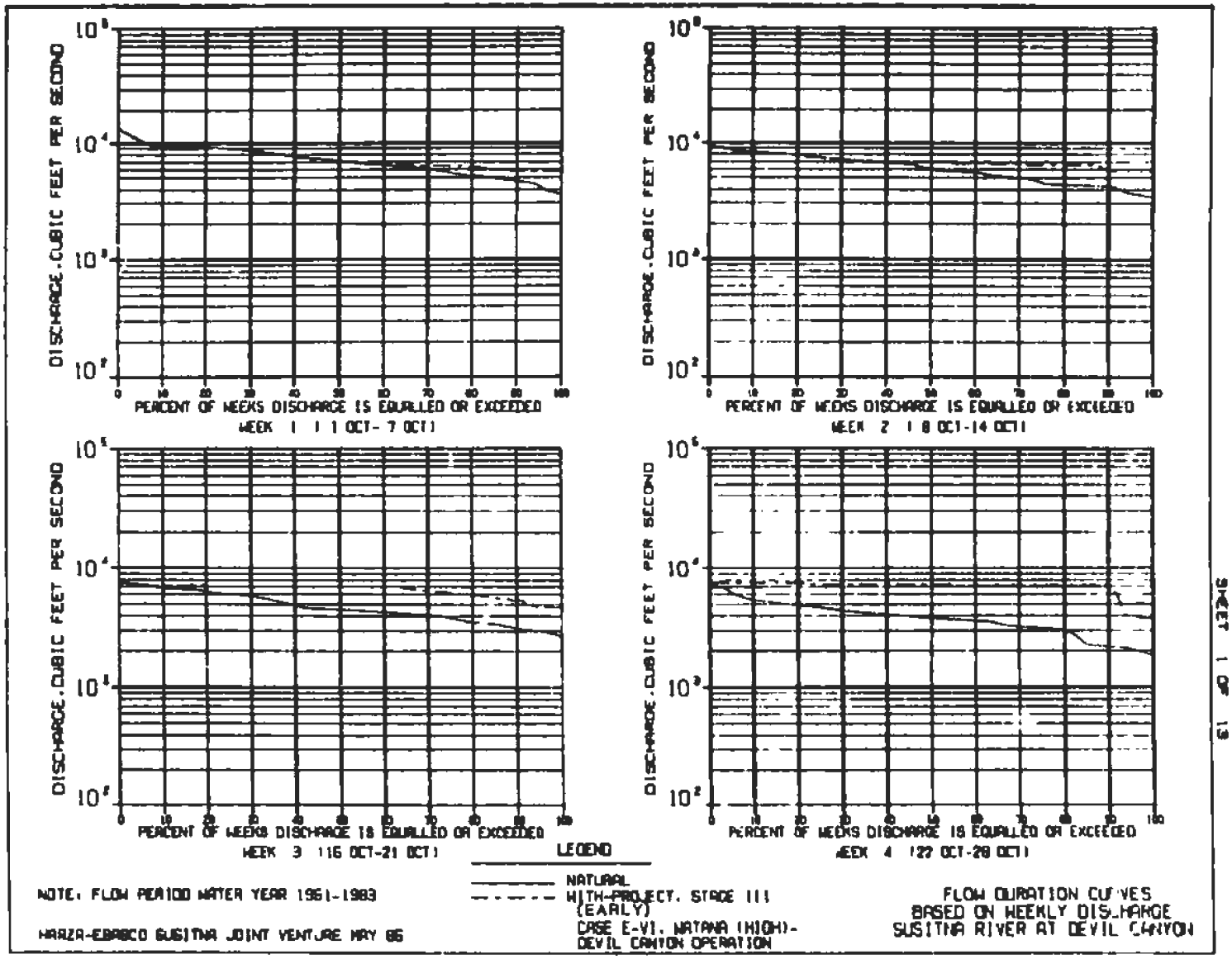


EXHIBIT 12
SHEET 1 OF 1

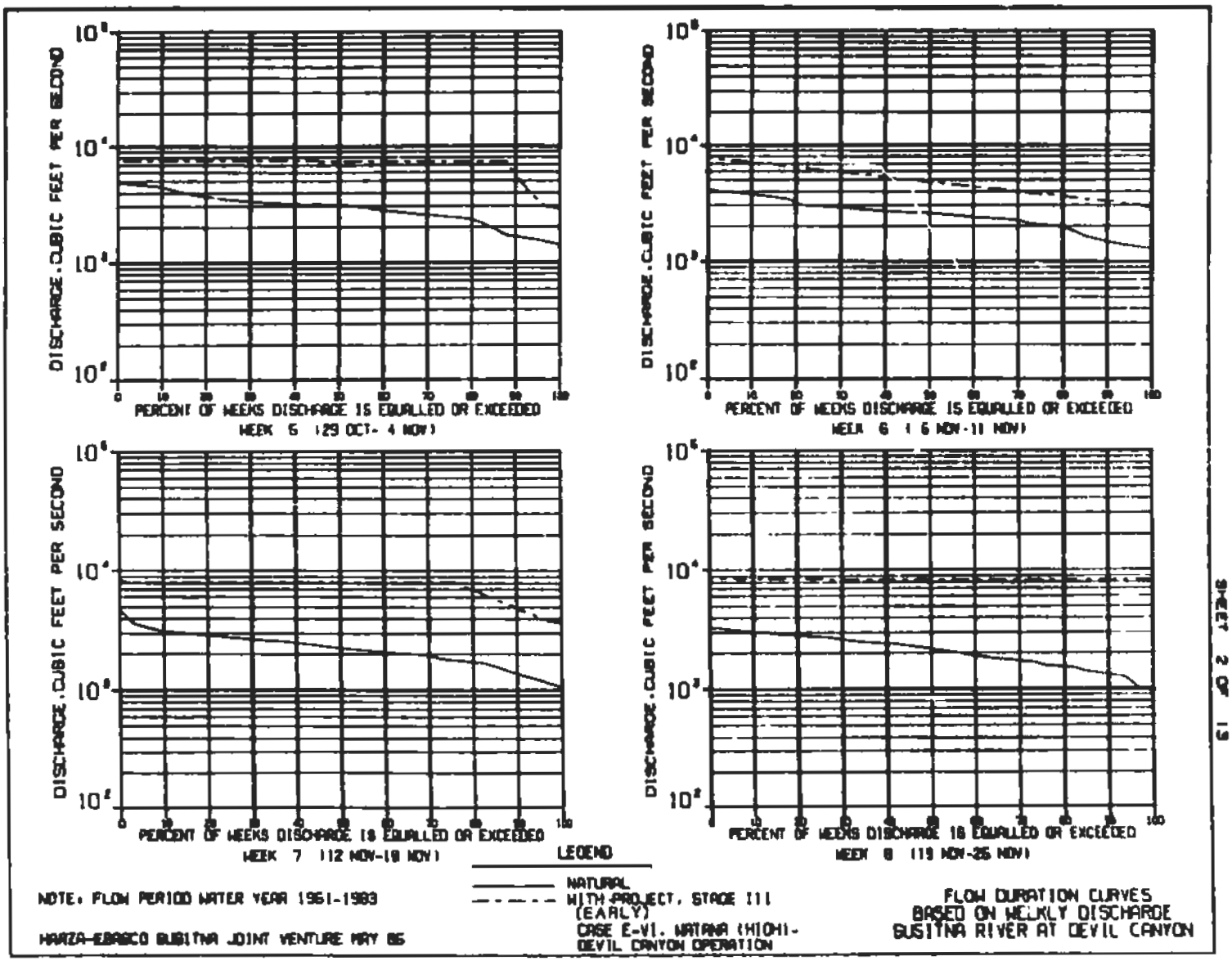
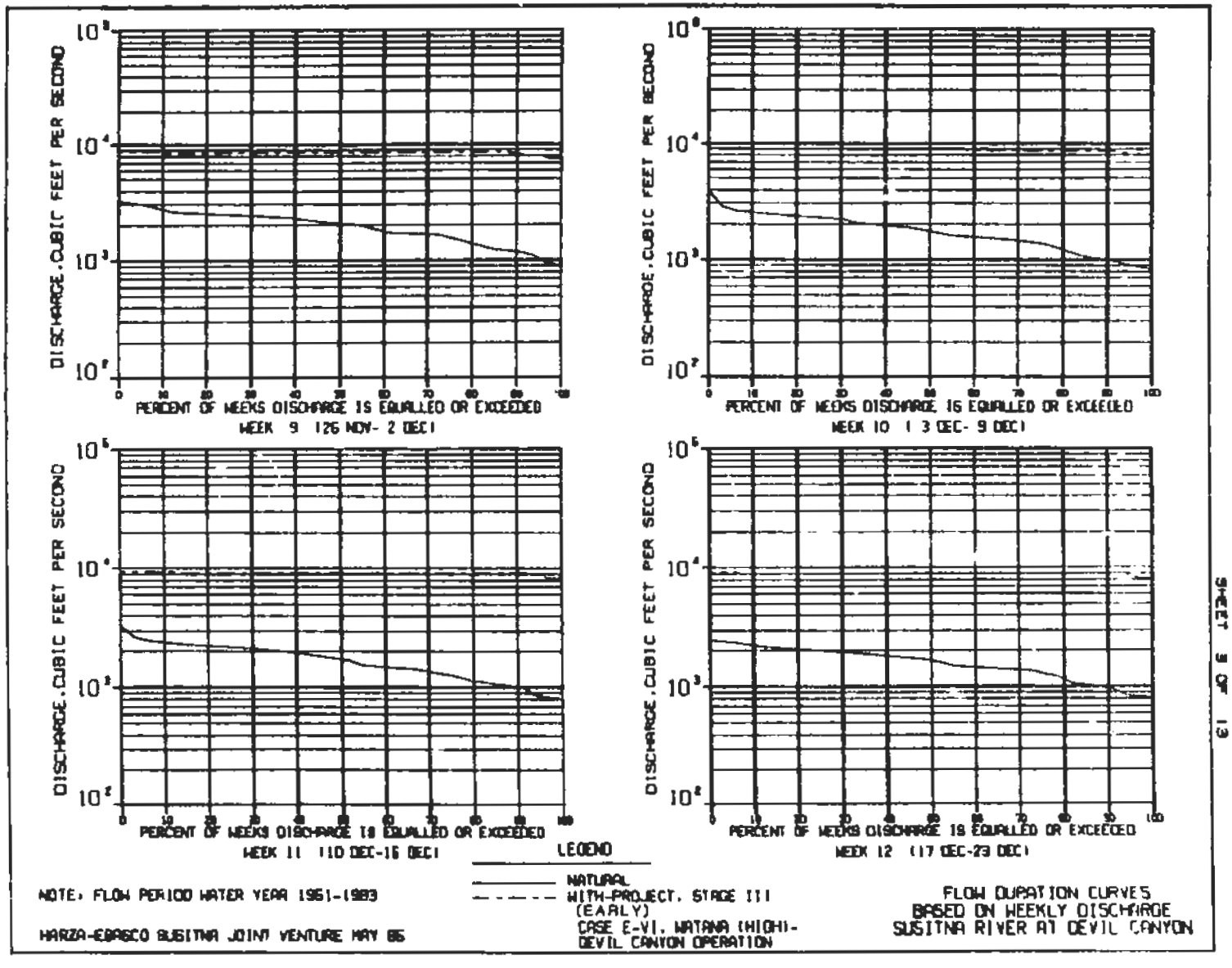


EXHIBIT 12
SHEET 2 OF 15



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SHEET 3 OF 13

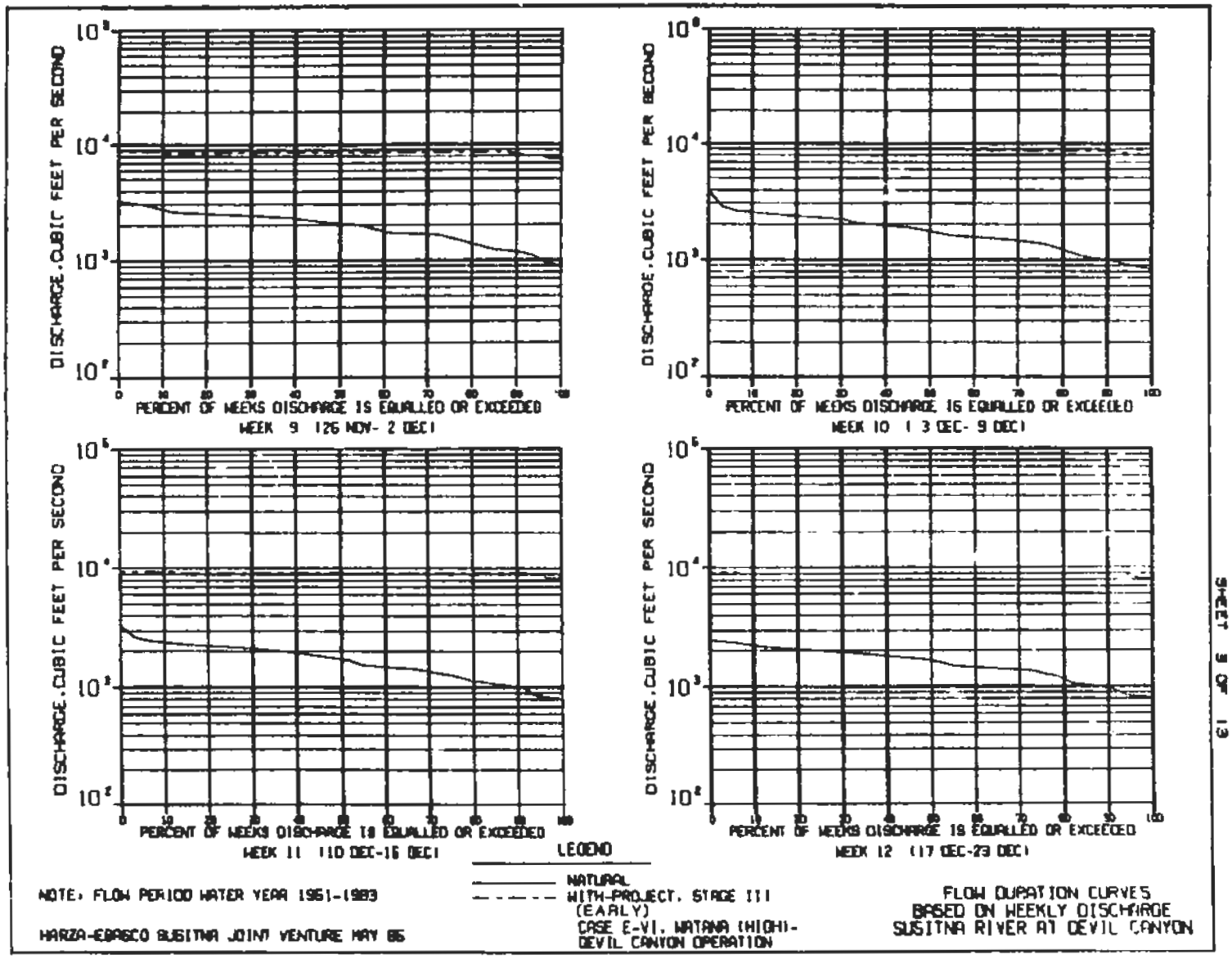


EXHIBIT 12
SHEET 3 OF 13

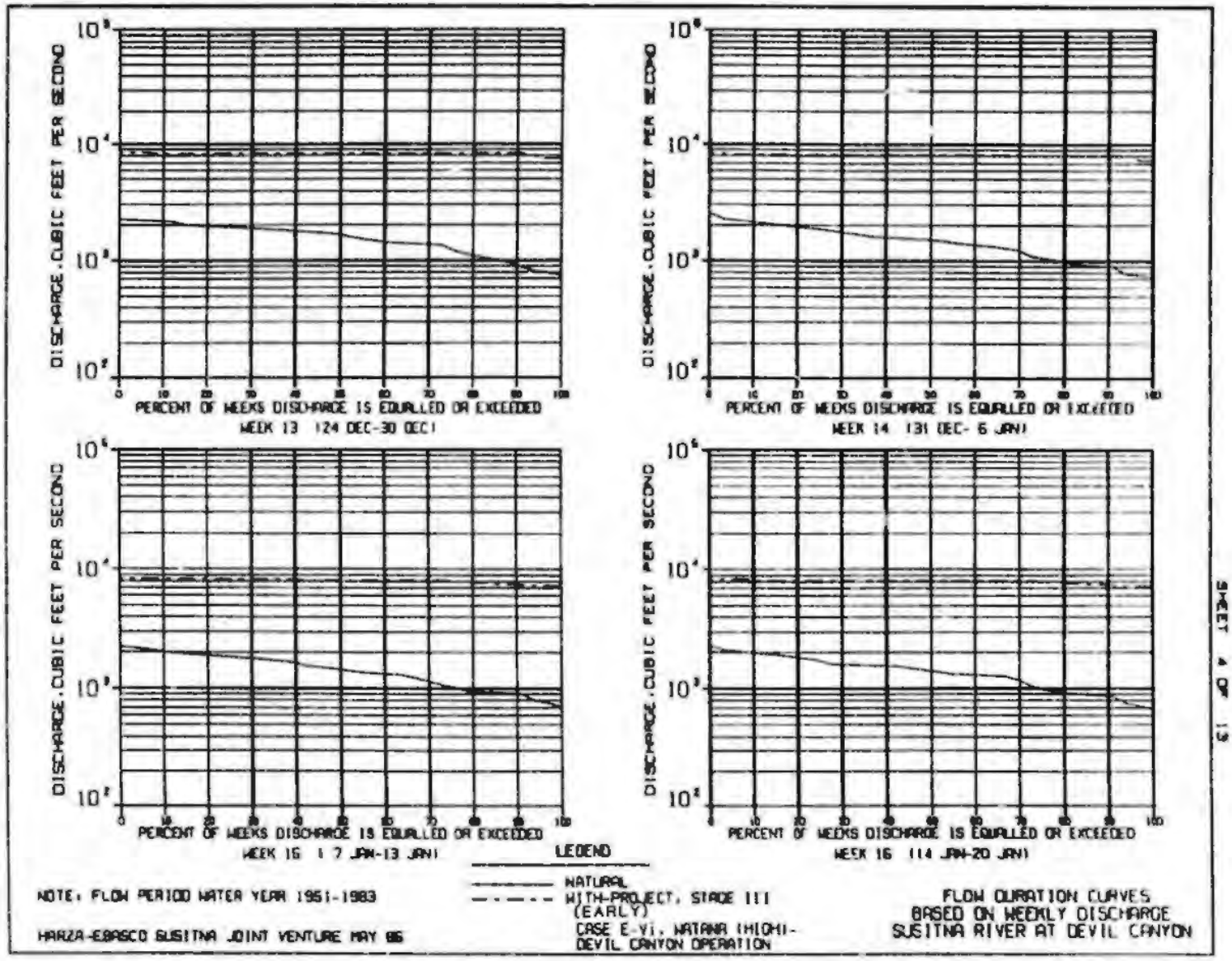


EXHIBIT 12
SHEET 4 OF 13

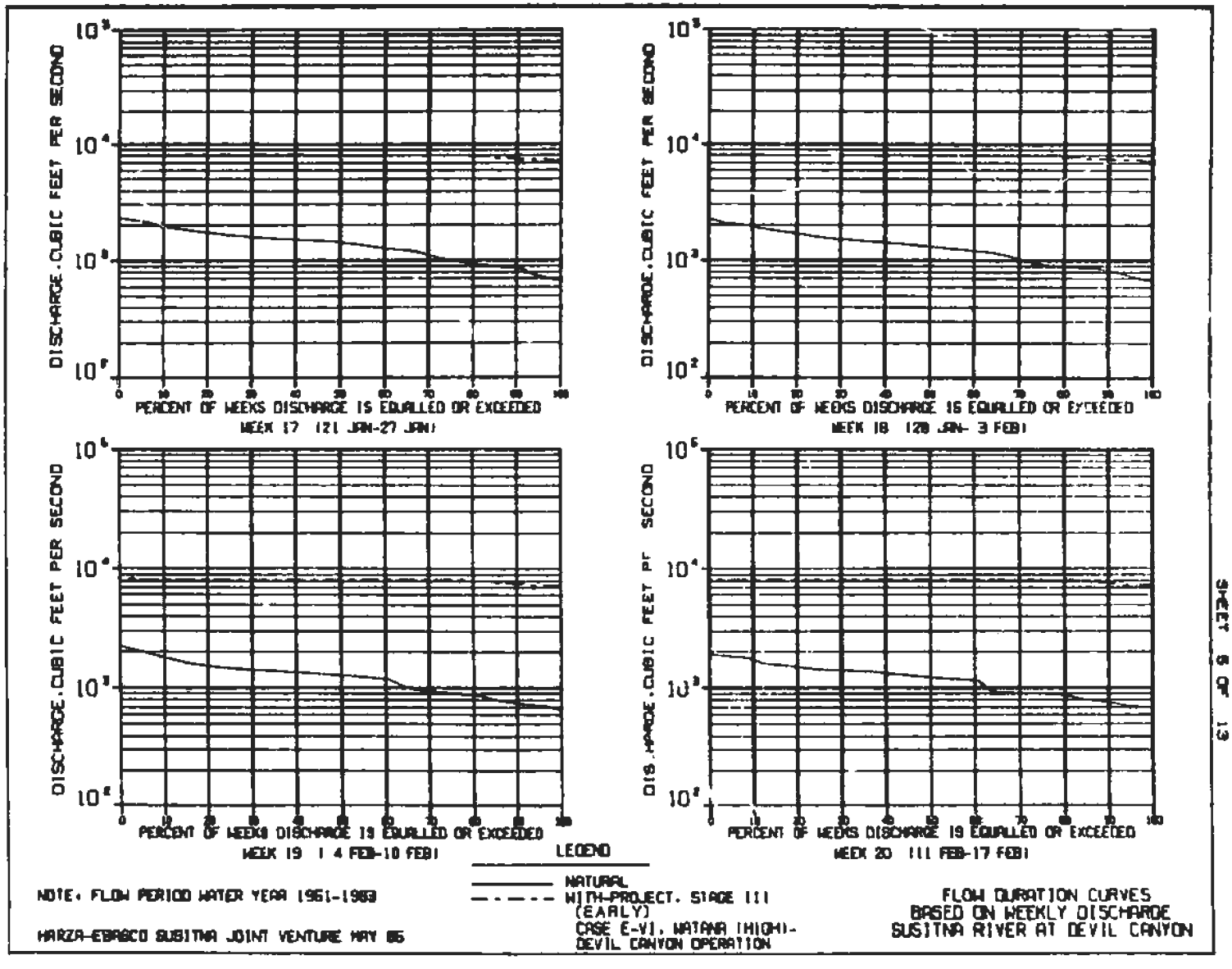


EXHIBIT 12
SHEET 6 OF 13

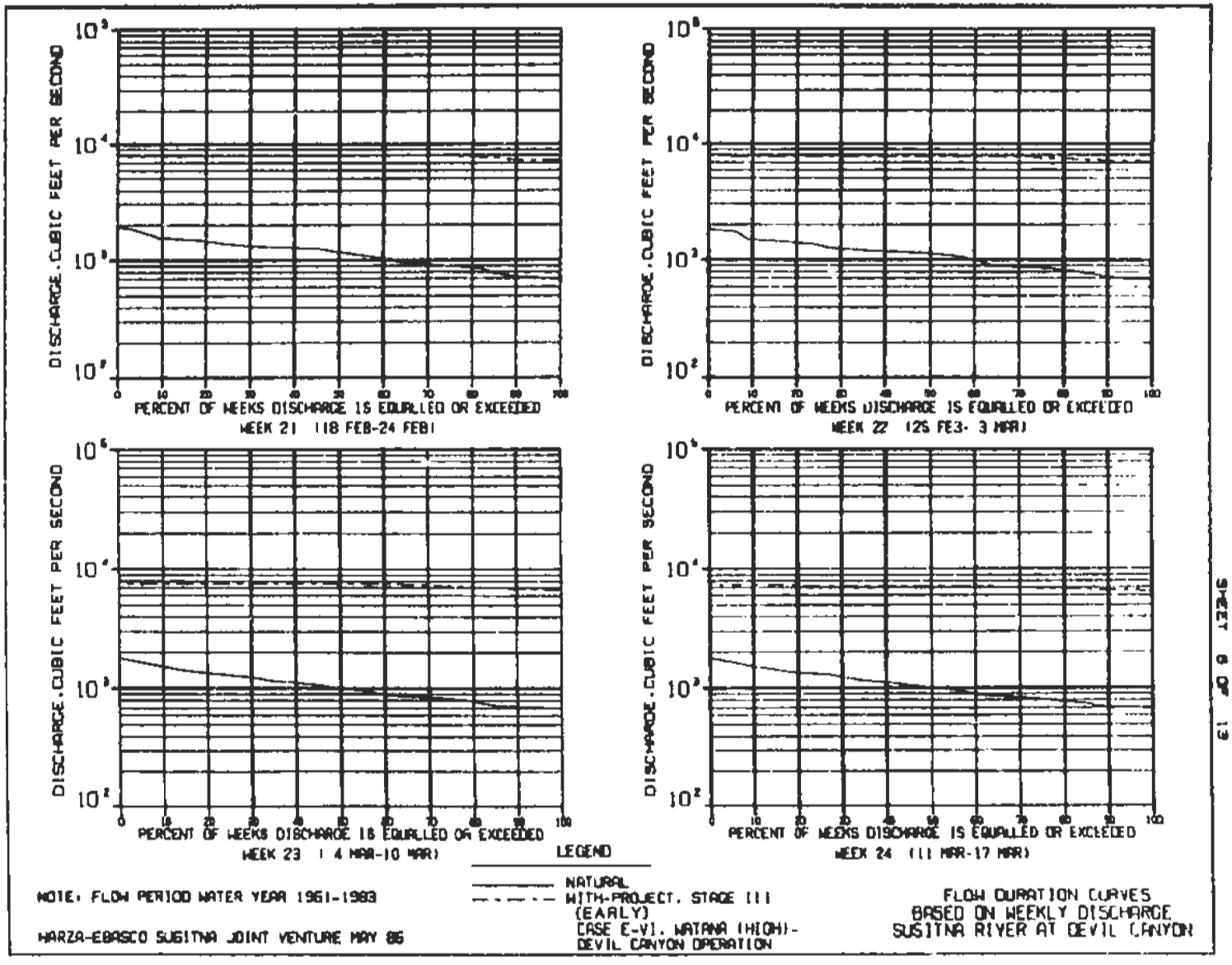


EXHIBIT 12
SHEET 6 OF 13

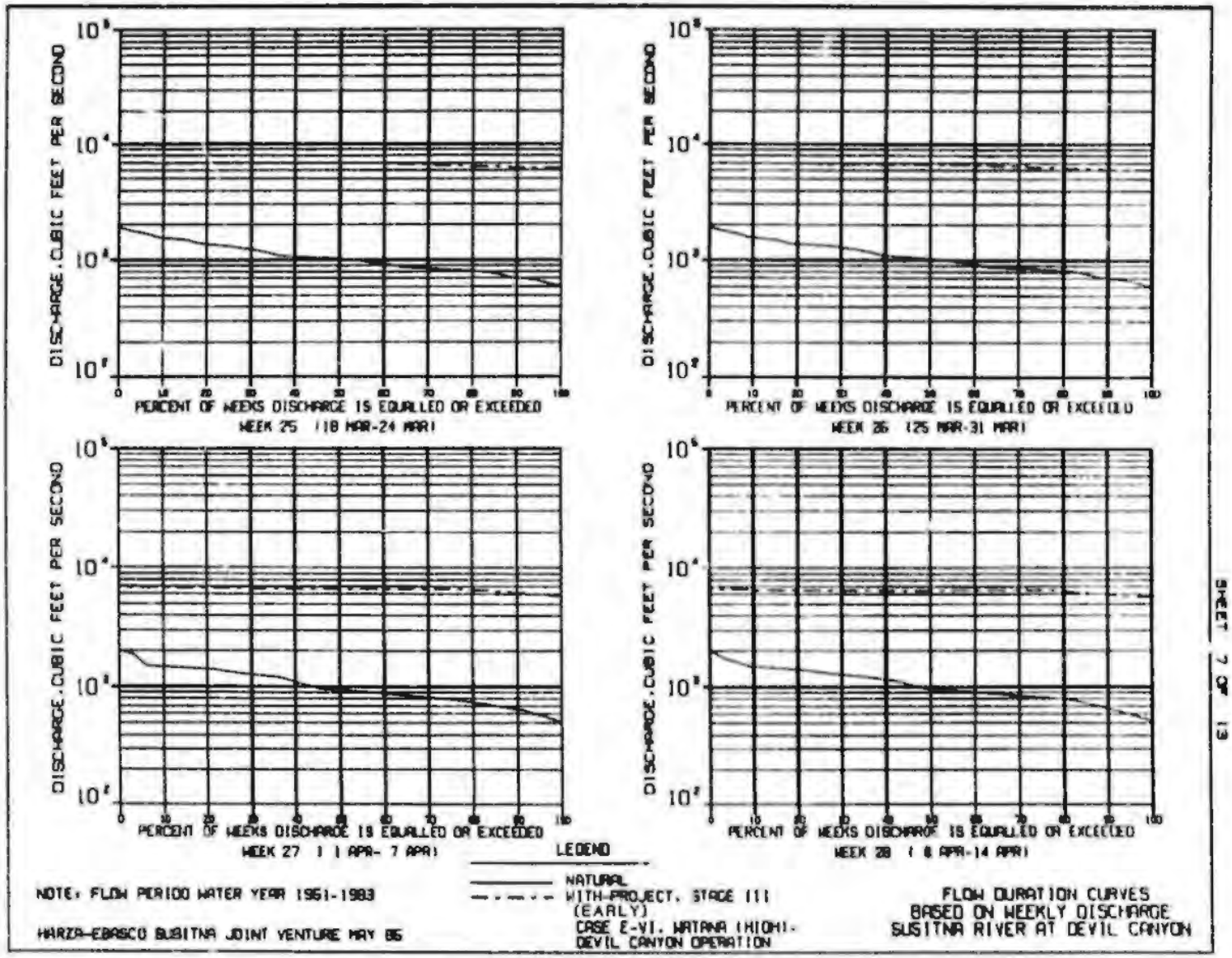


EXHIBIT 12
SHEET 7 OF 13

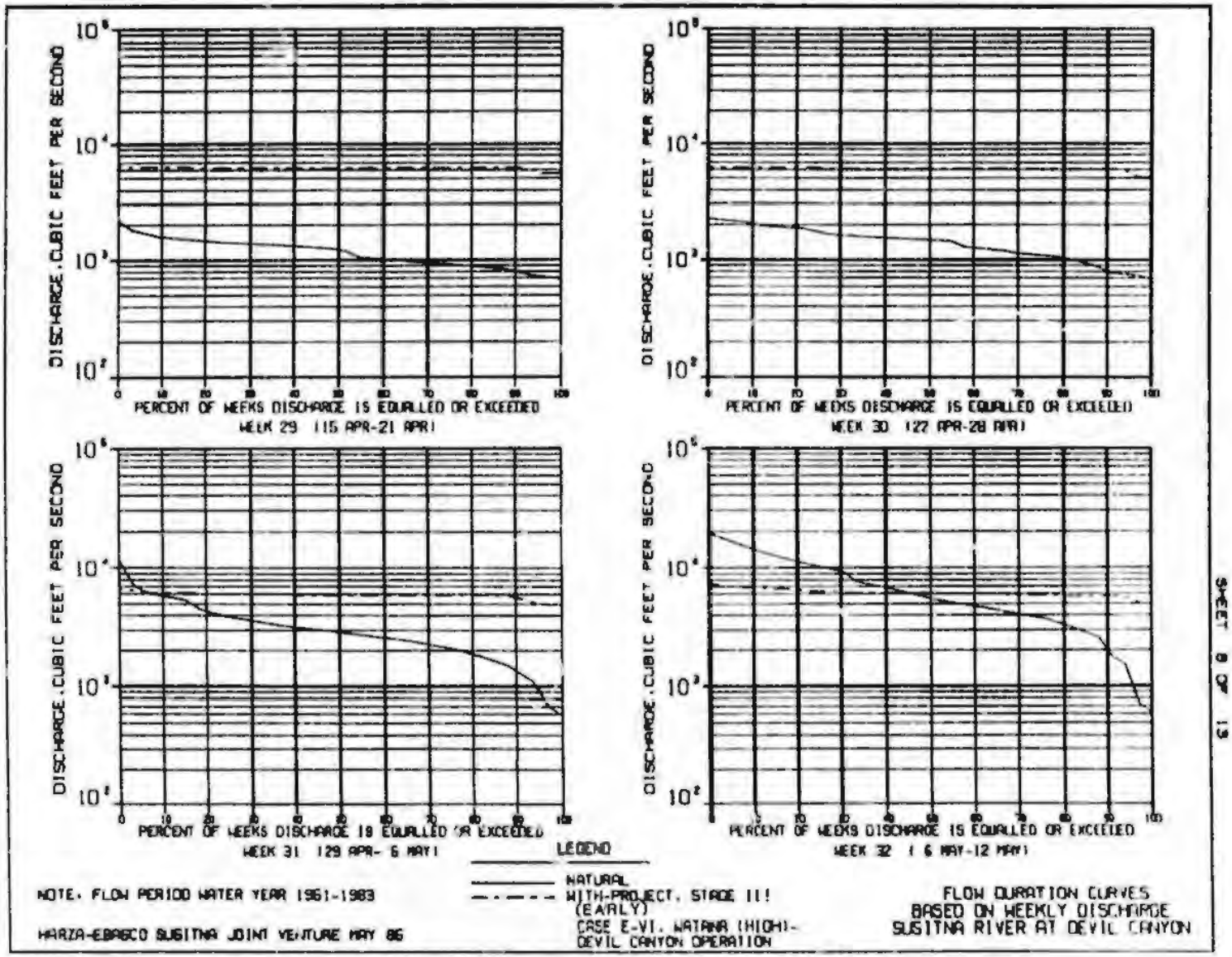


EXHIBIT 12
SHEET 8 OF 13

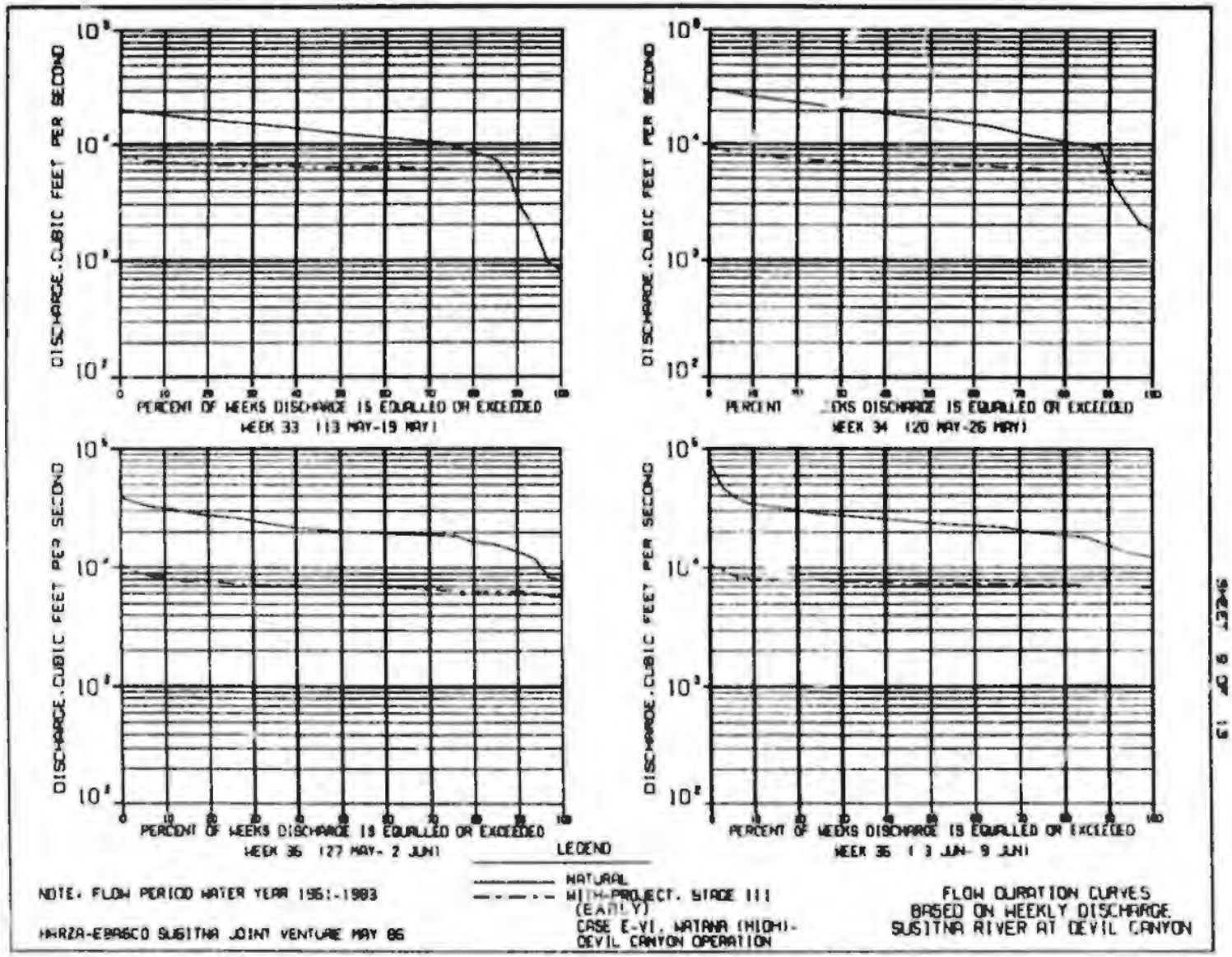


EXHIBIT 12
SHEET 9 OF 13

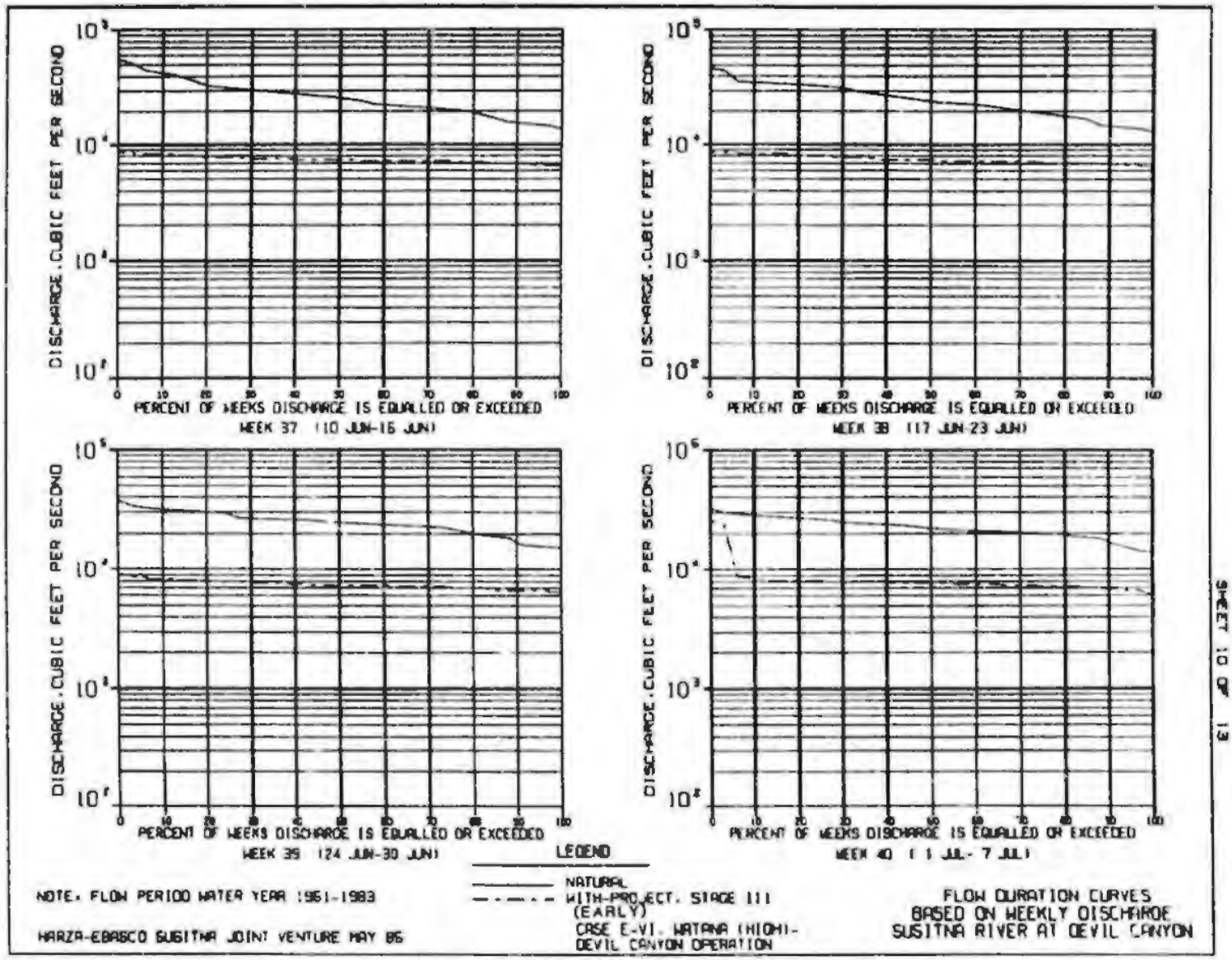


EXHIBIT 12
SHEET 10 OF 13

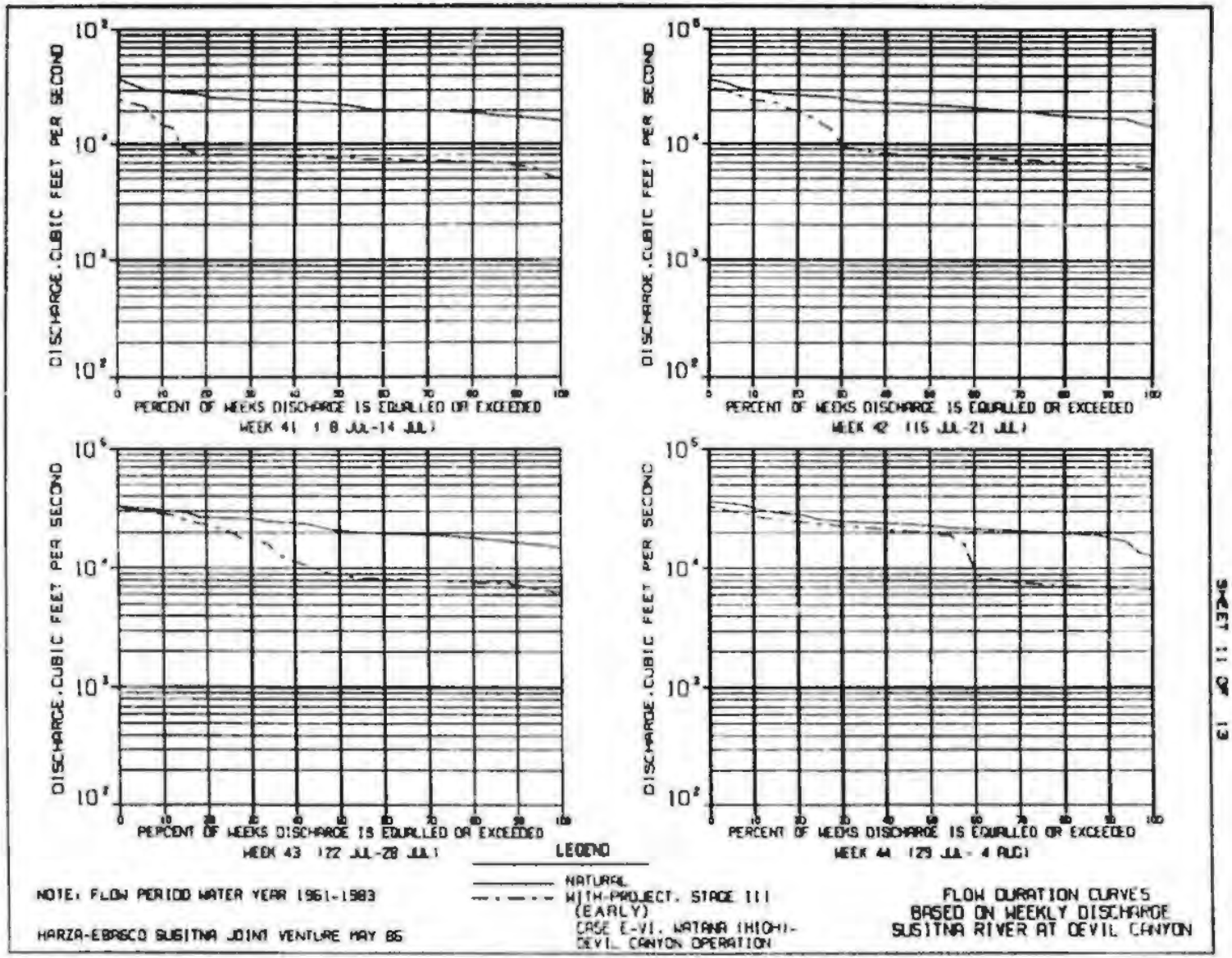
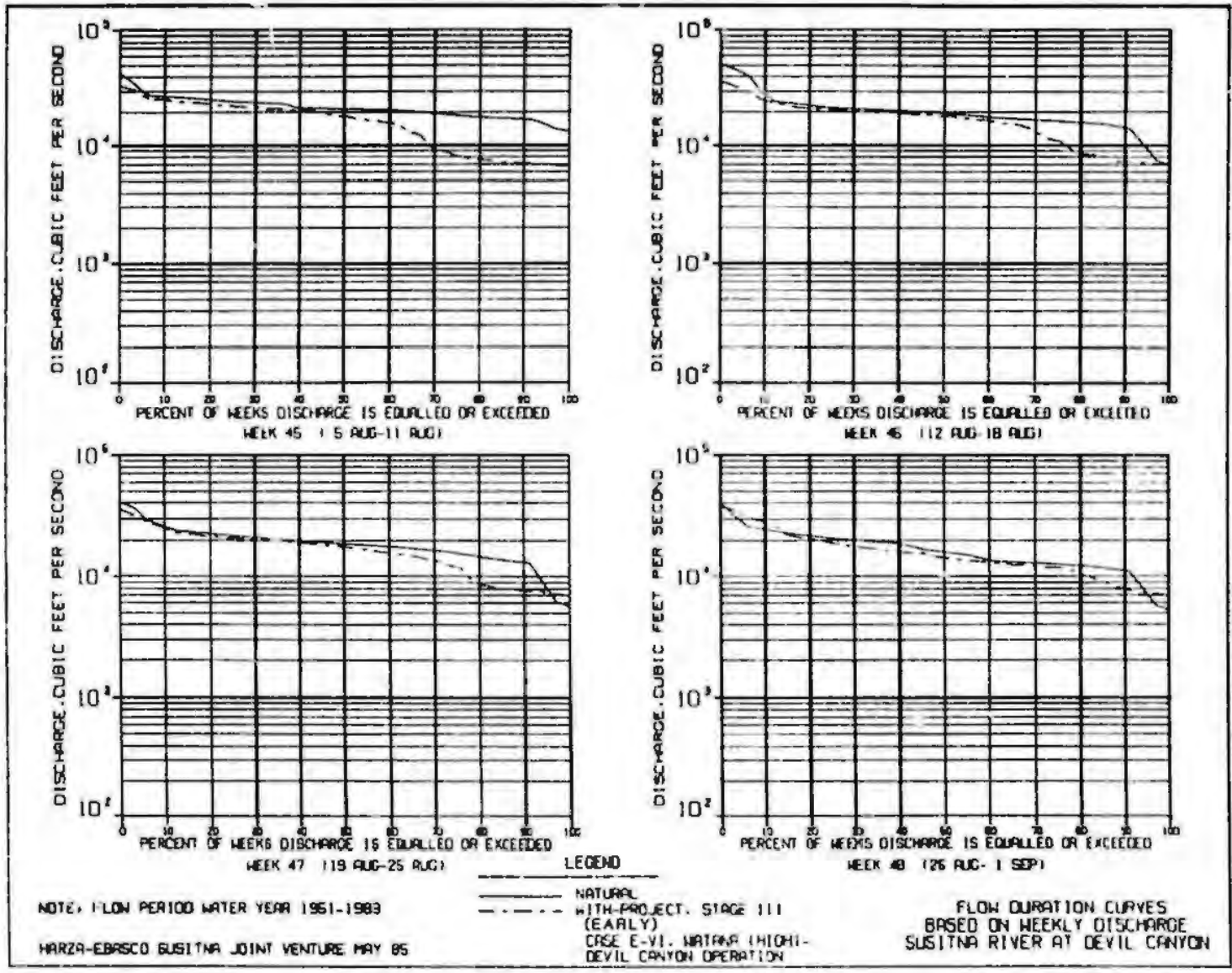


EXHIBIT 12
SHEET 11 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

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

EXHIBIT 12
SHEET 12 OF 13

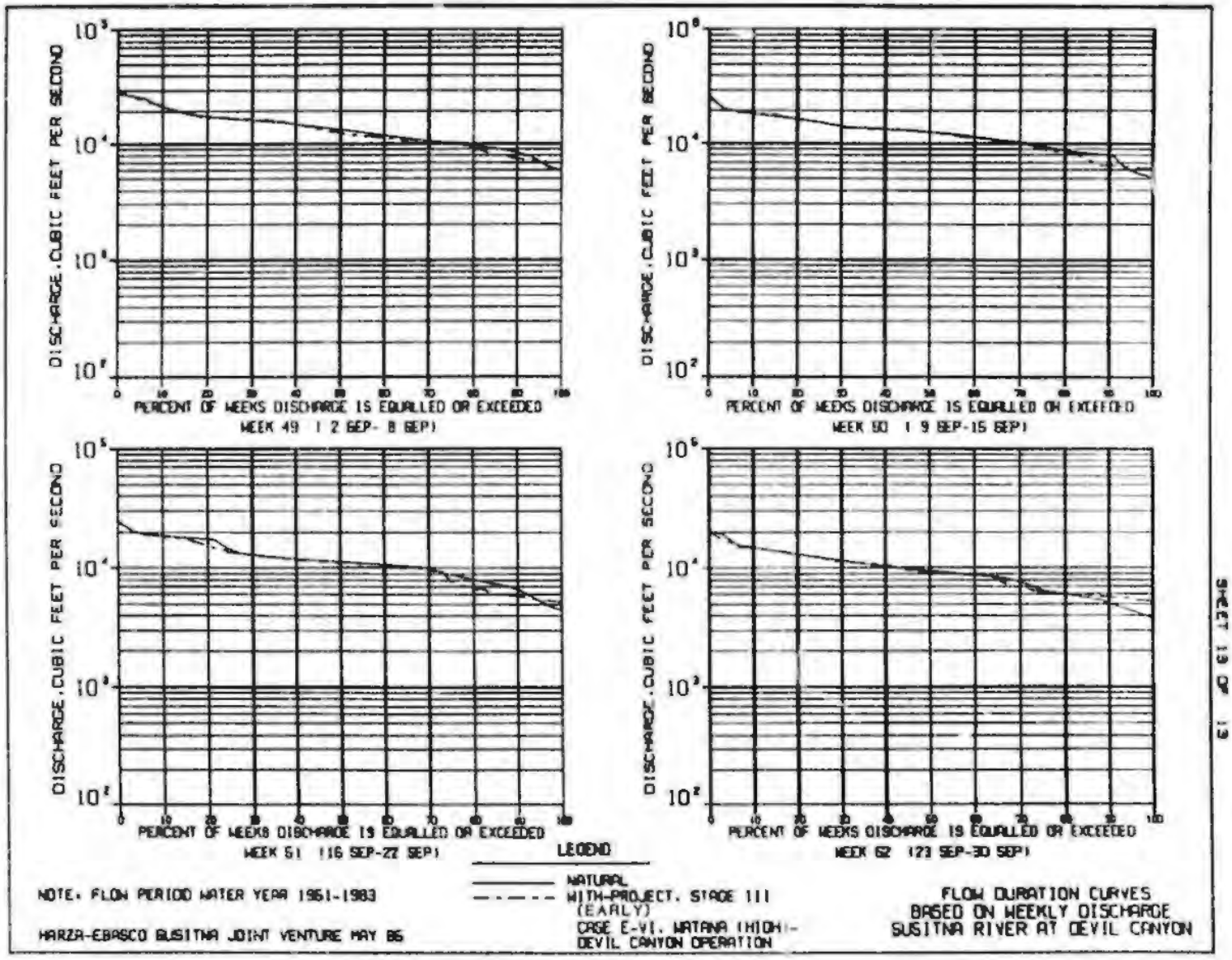


EXHIBIT 12

SHEET 13 OF 13

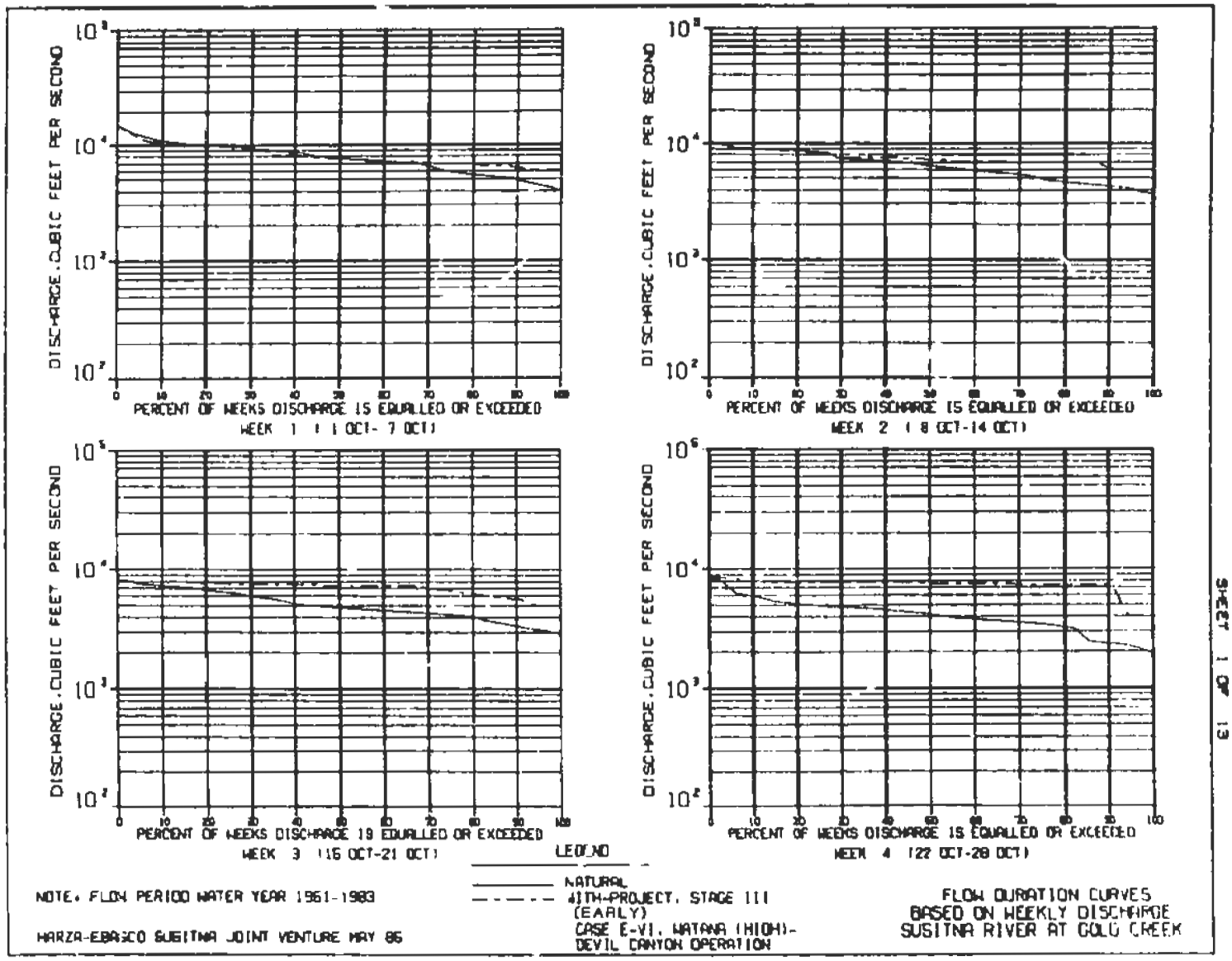
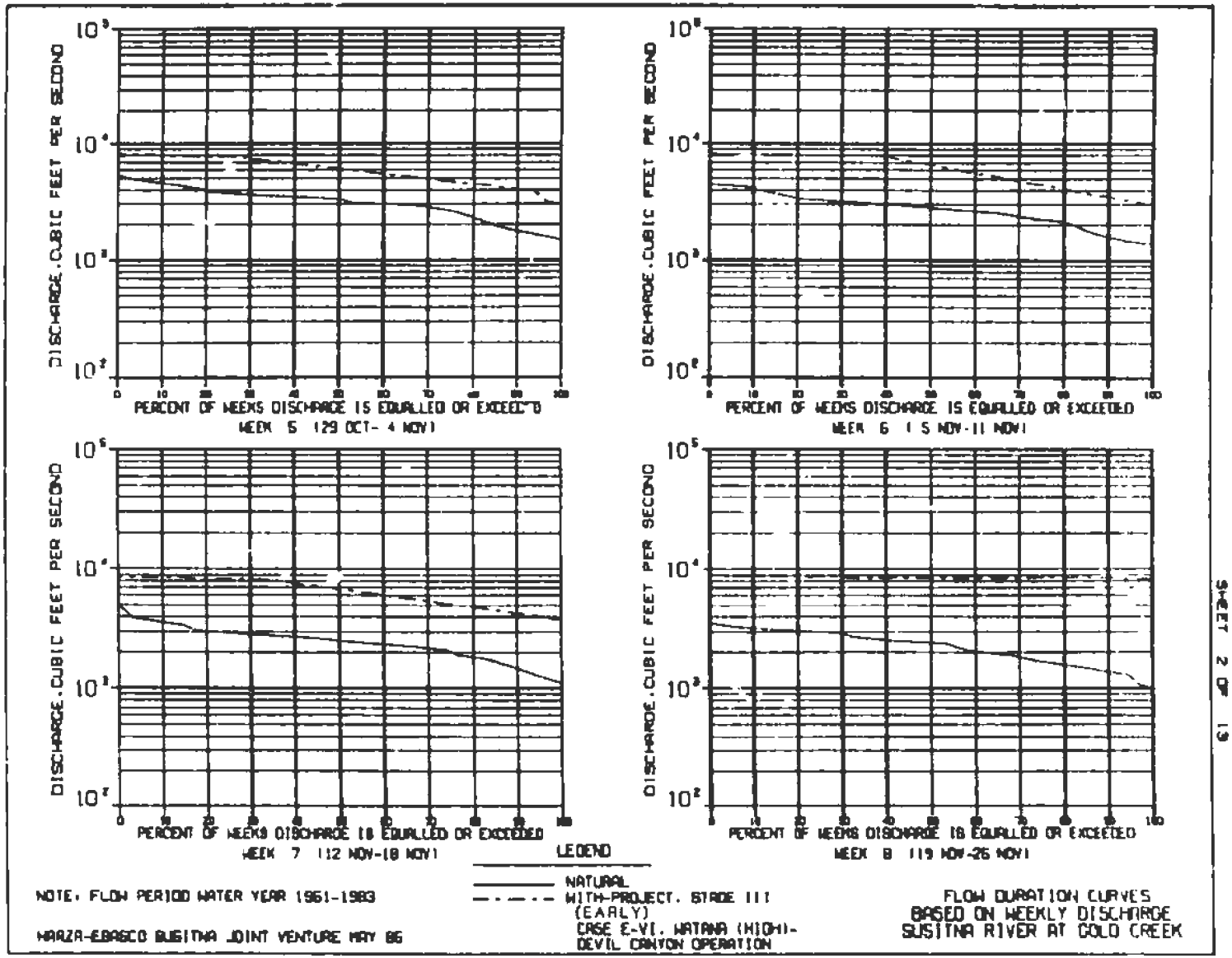


EXHIBIT 13
SHEET 1 OF 13



NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

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

EXHIBIT 13
SHEET 2 OF 13

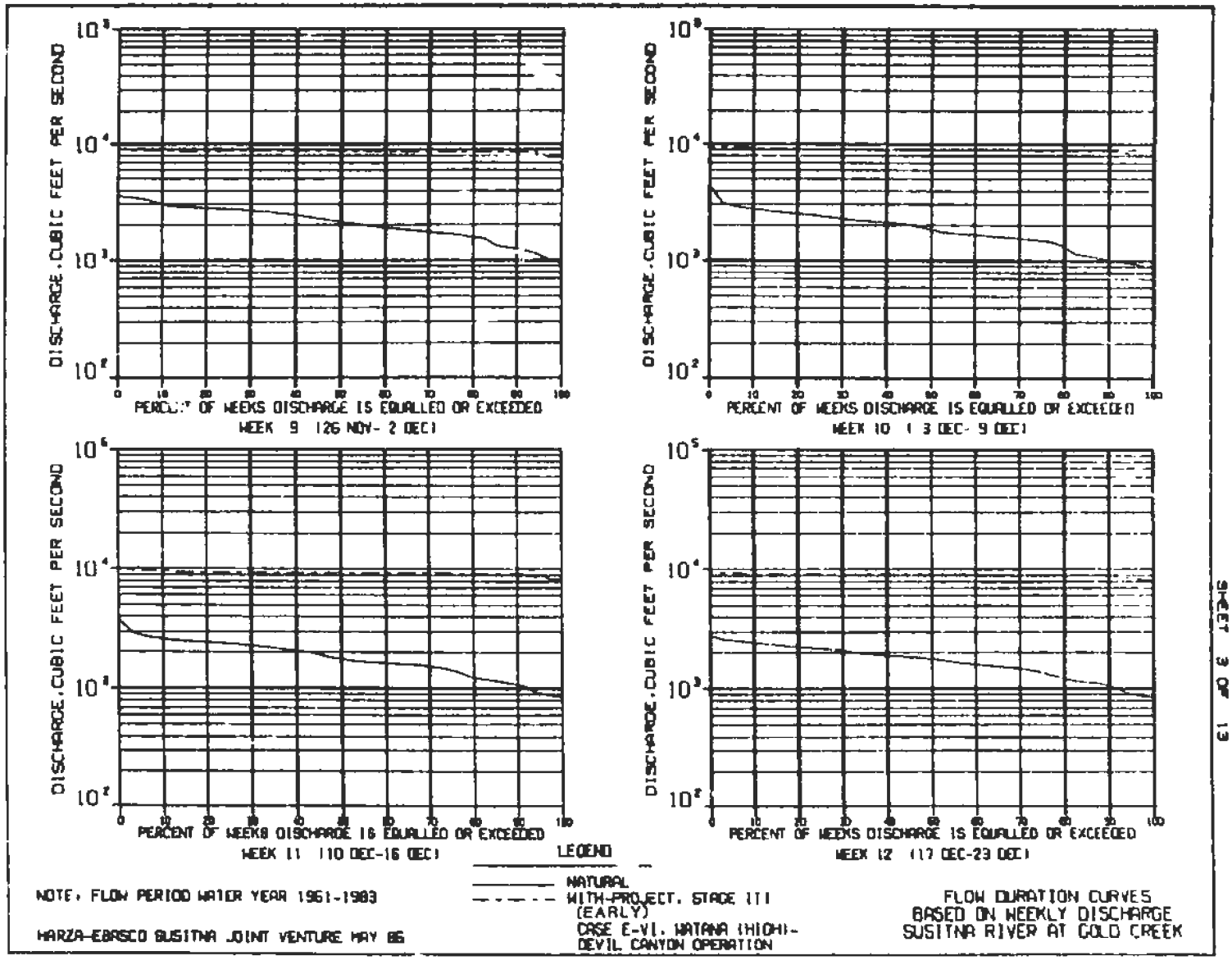


EXHIBIT 13
SHEET 3 OF 13

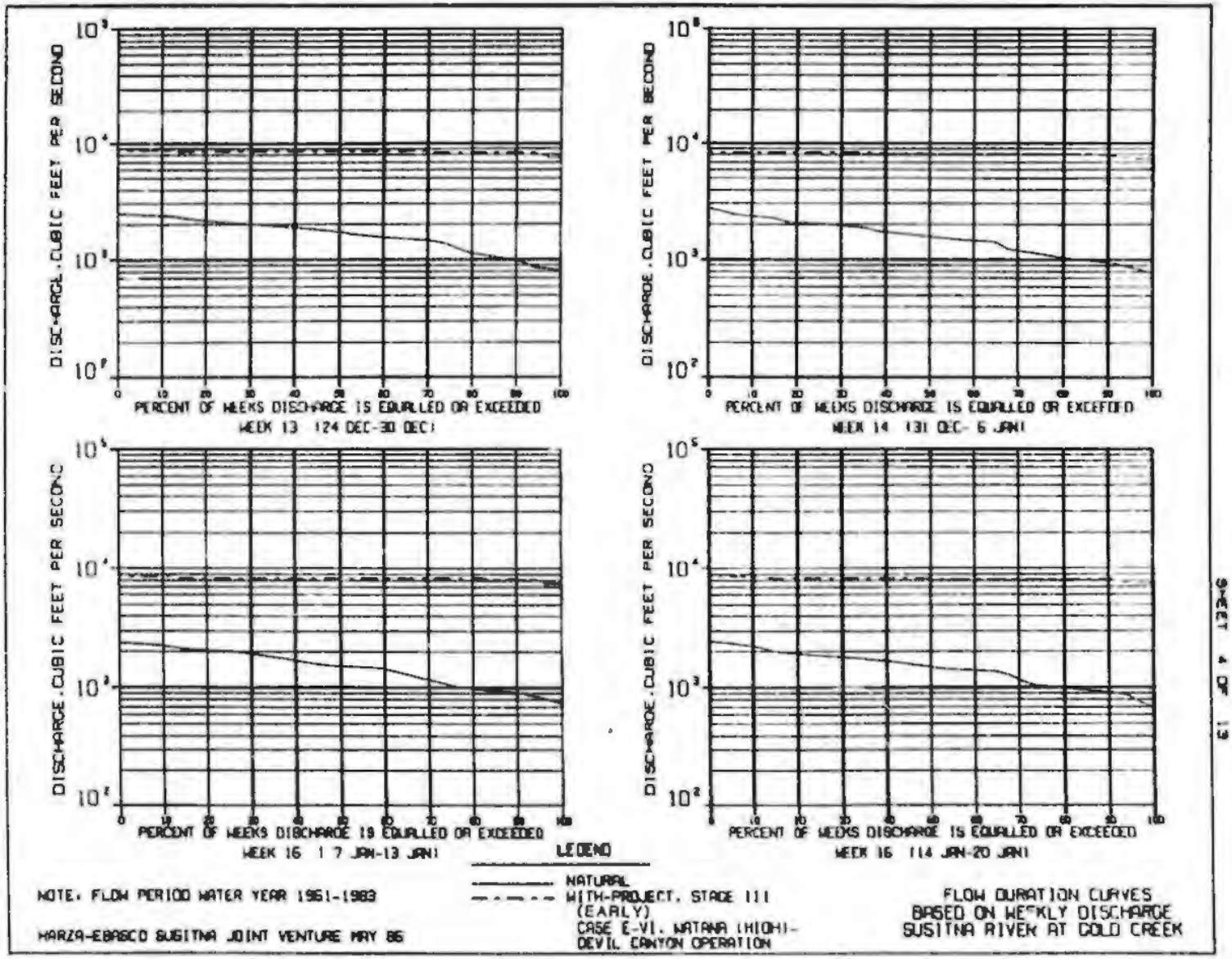


EXHIBIT 13
SHEET 4 OF 13

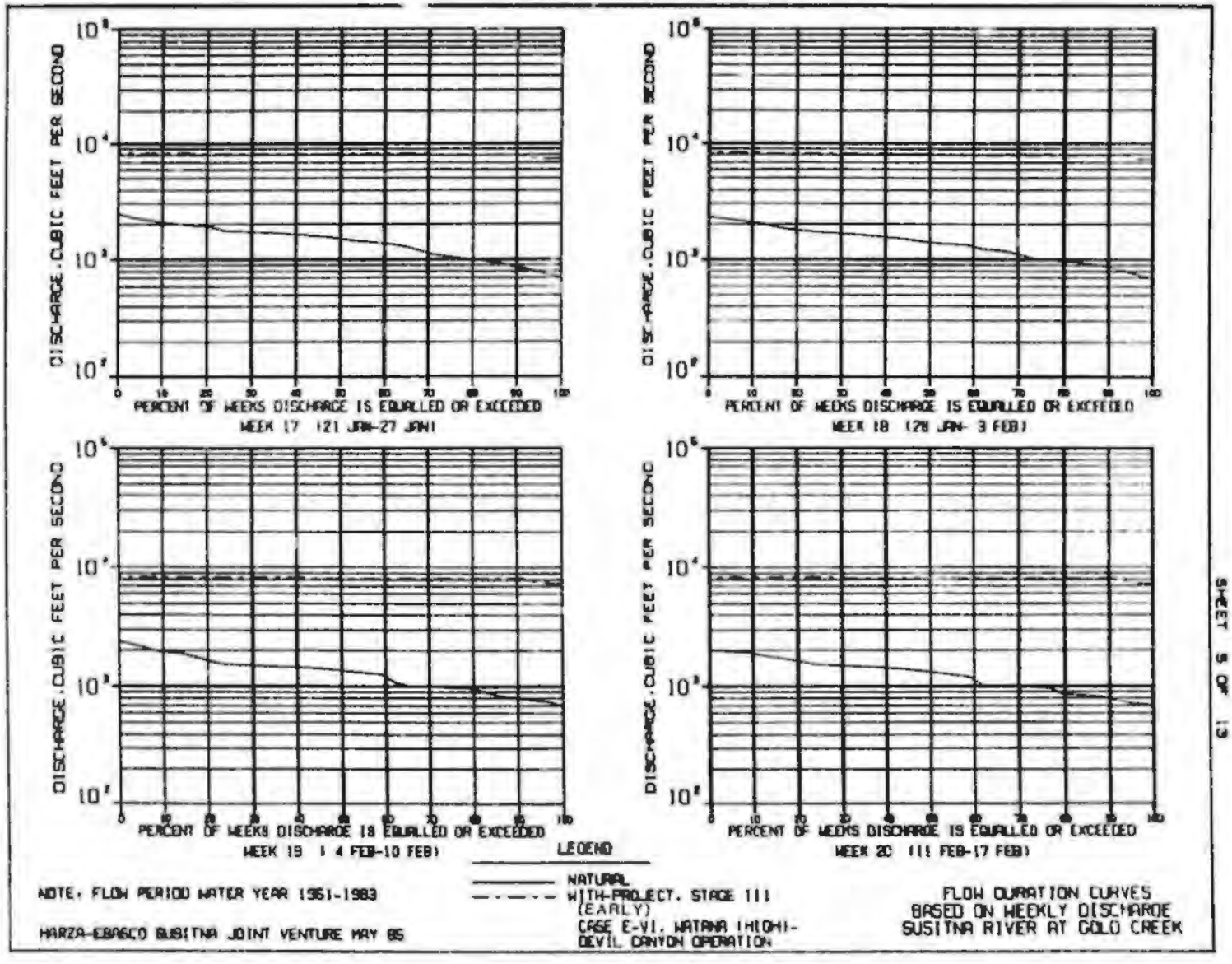


EXHIBIT 13
SHEET 5 OF 13

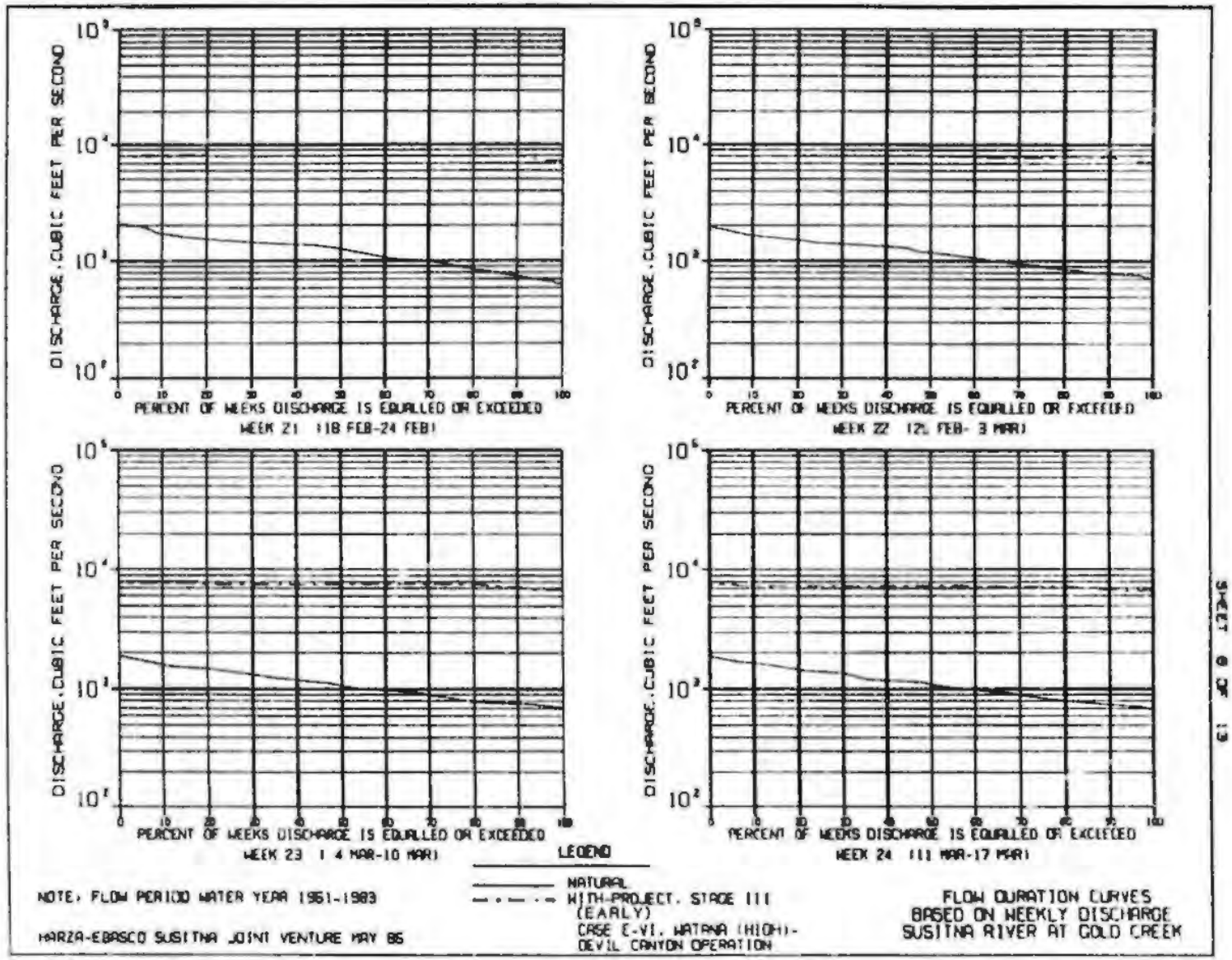


EXHIBIT 13
SHEET 8 OF 13

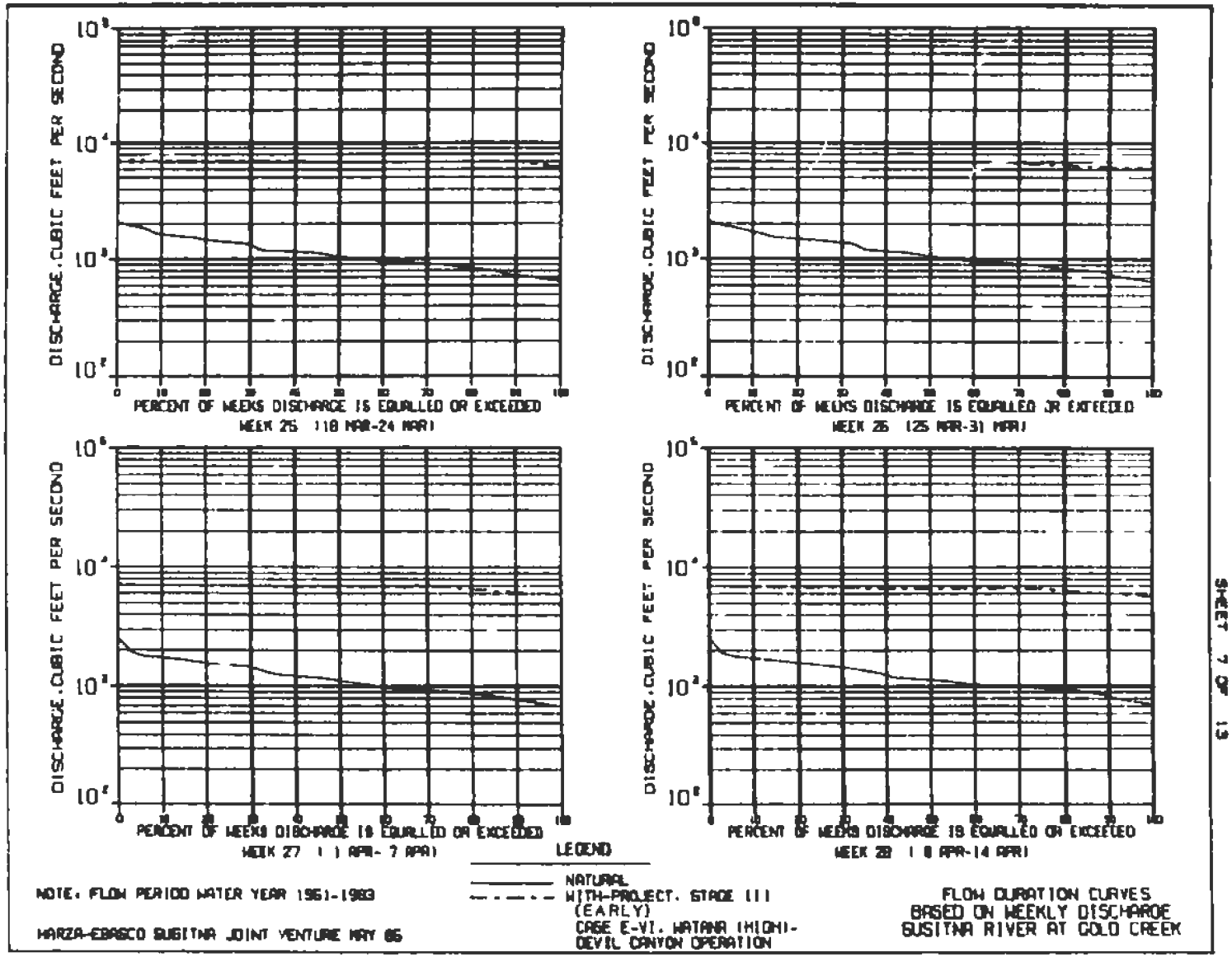
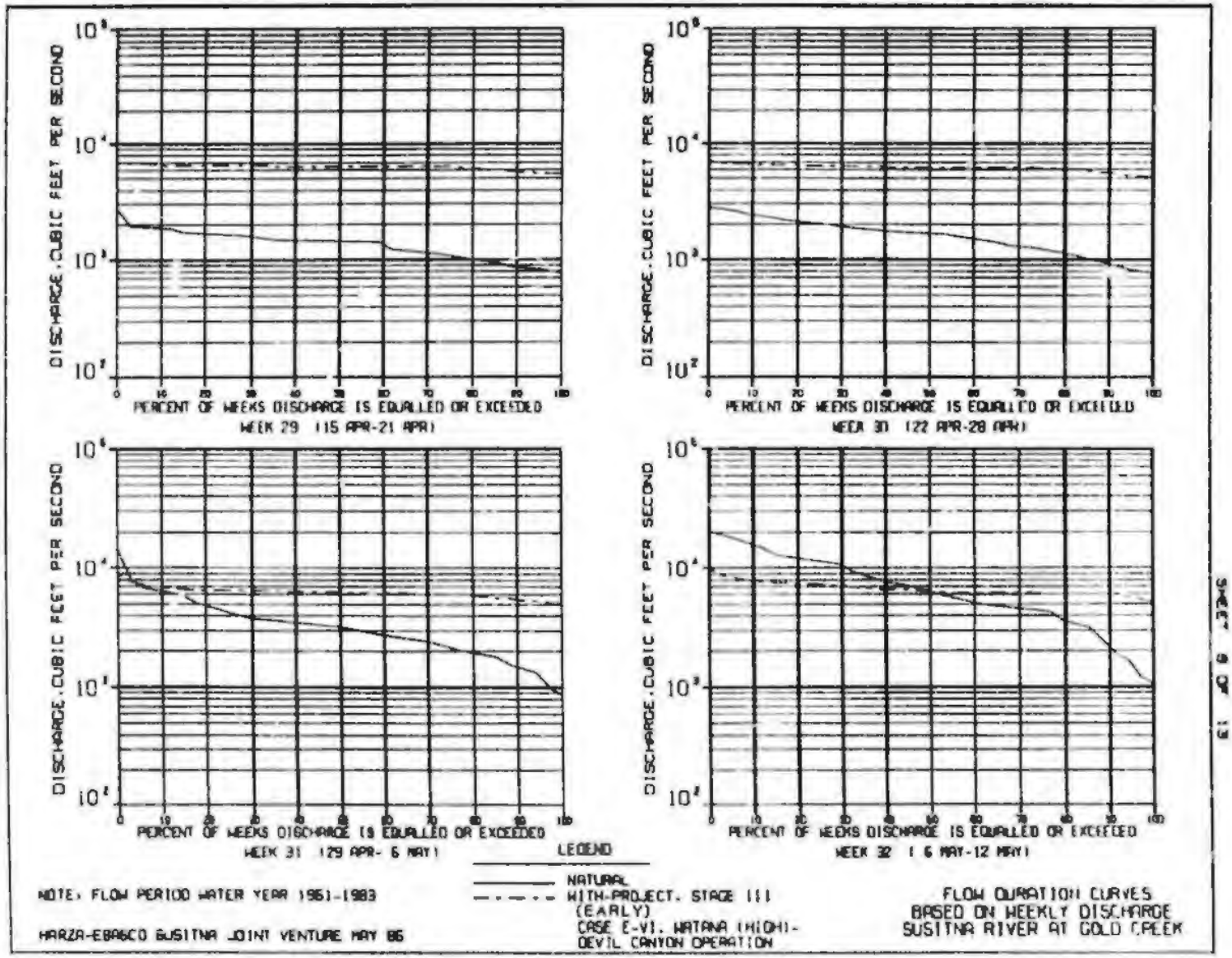


EXHIBIT 13
SHEET 7 OF 13



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SHEET 8 OF 13

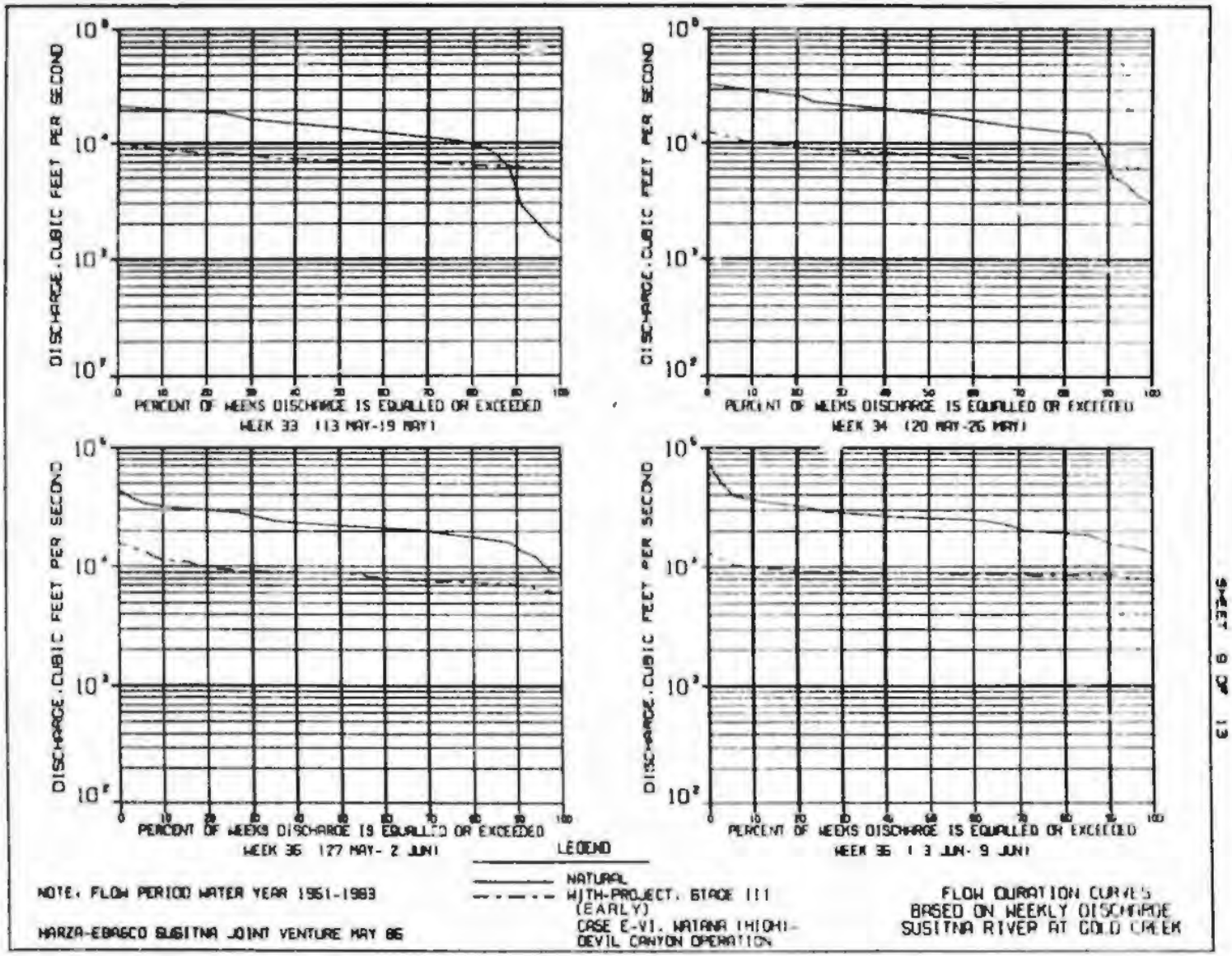
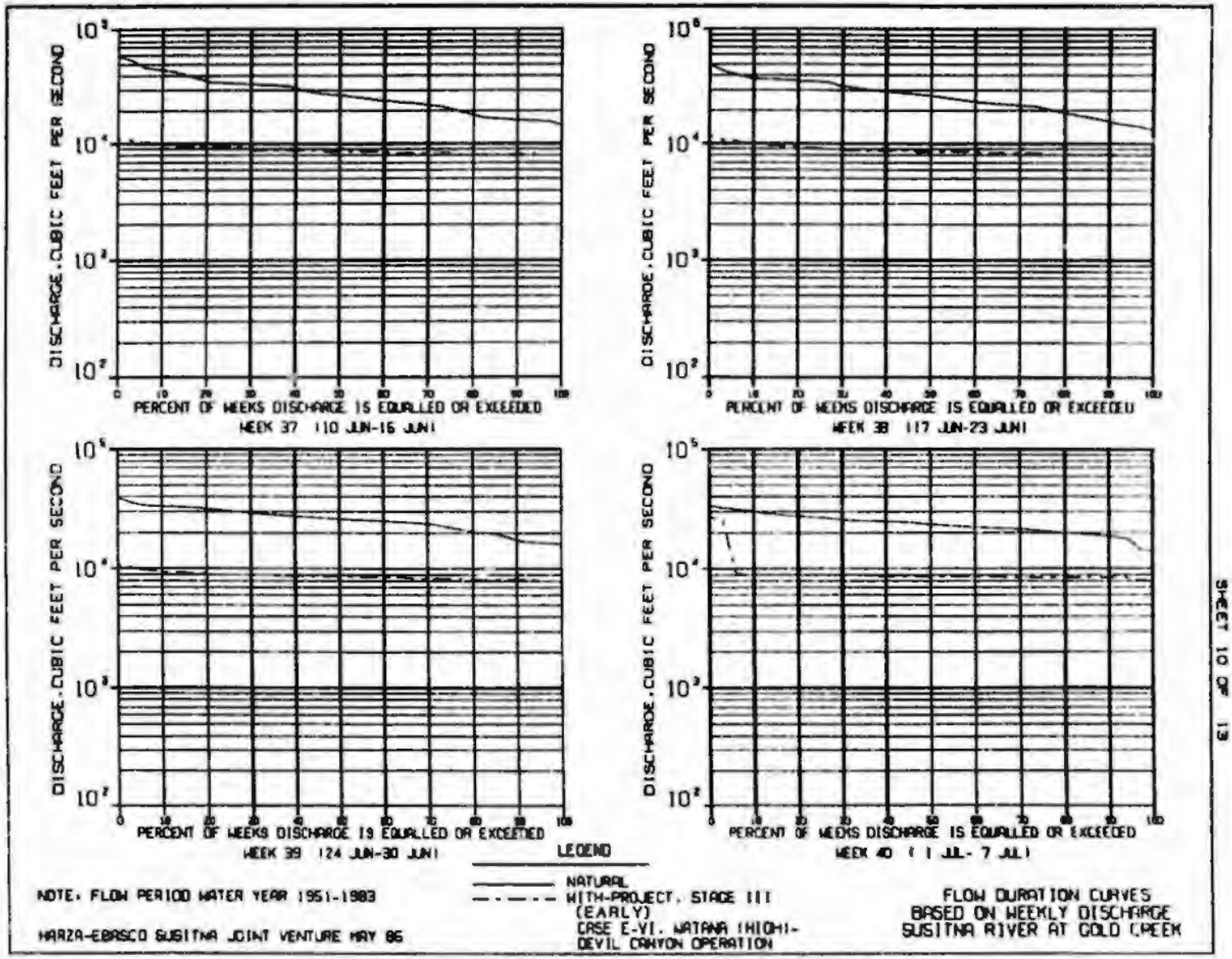


EXHIBIT 13
SHEET 9 OF 13



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SHEET 10 OF 13

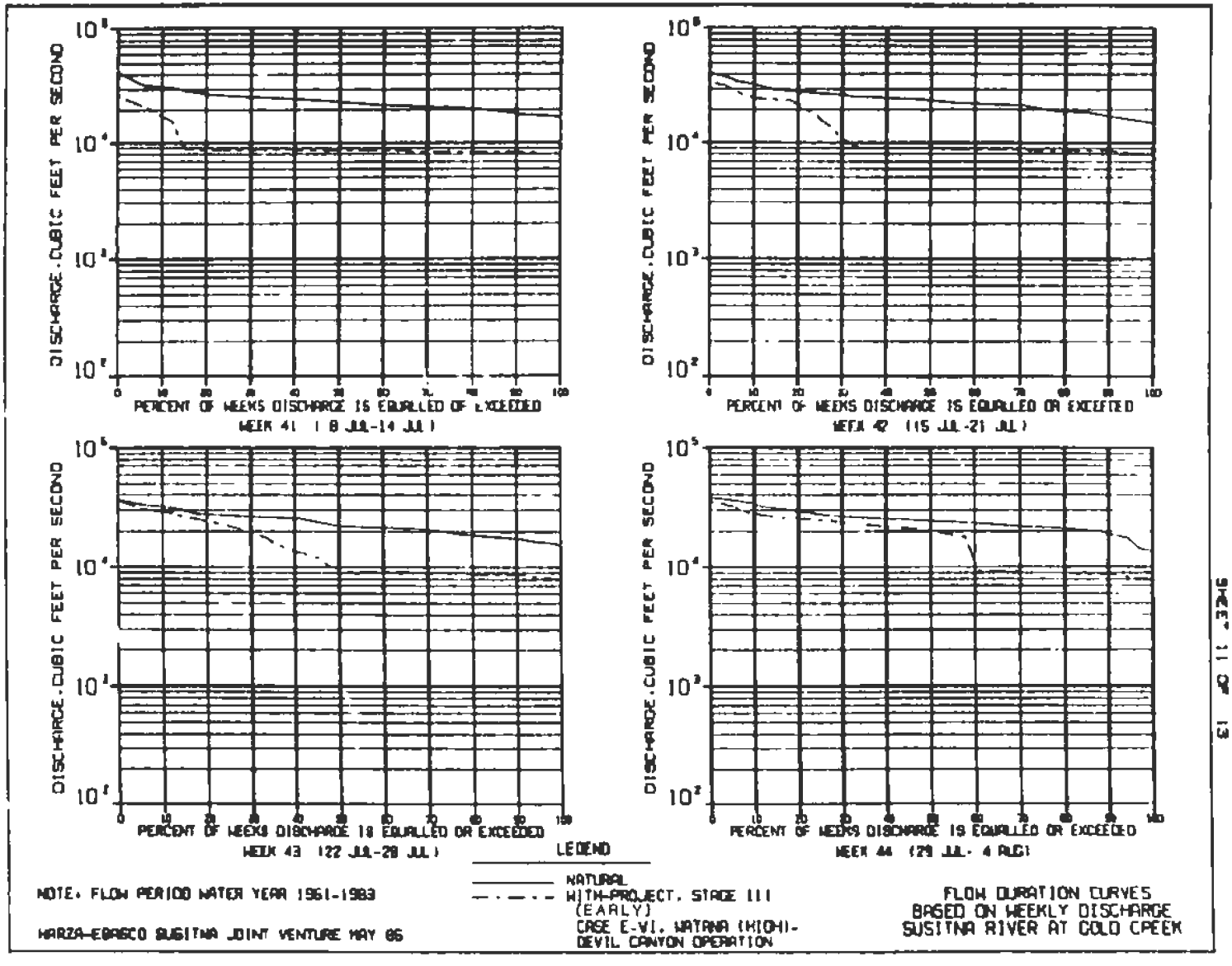


EXHIBIT 13
PAGE 11 OF 13

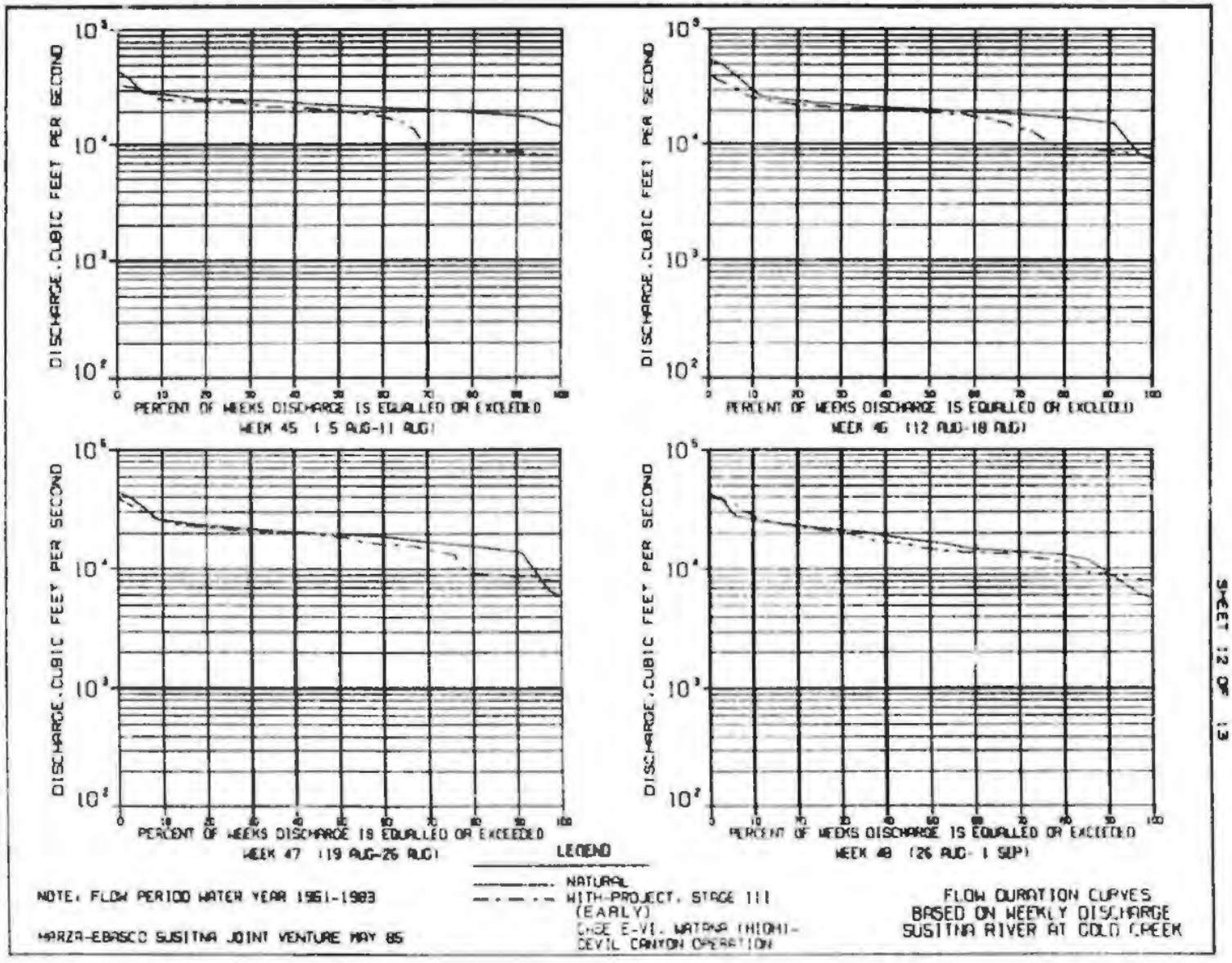


EXHIBIT 13
SHEET 12 OF 13

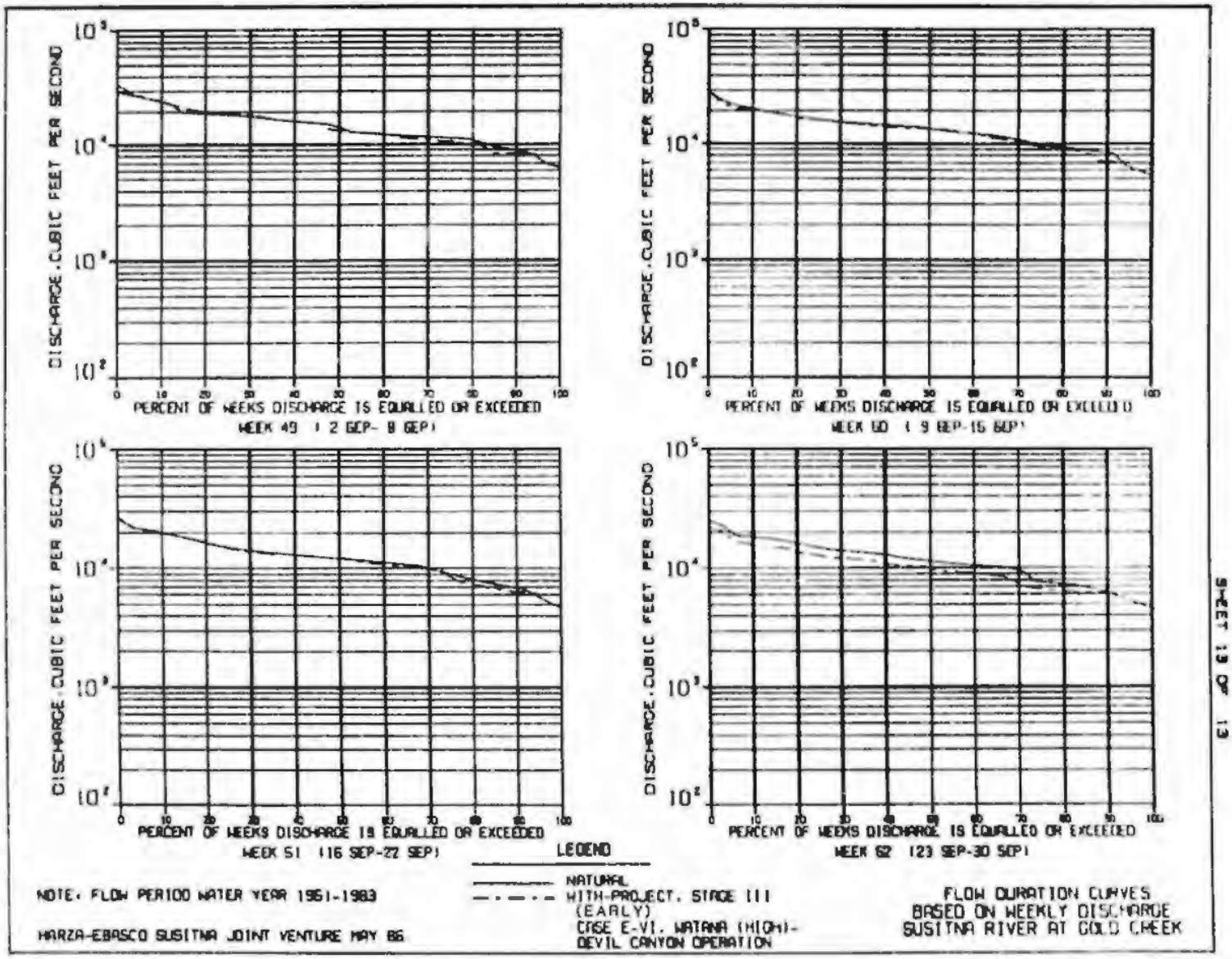


EXHIBIT 13

SHEET 13 OF 13

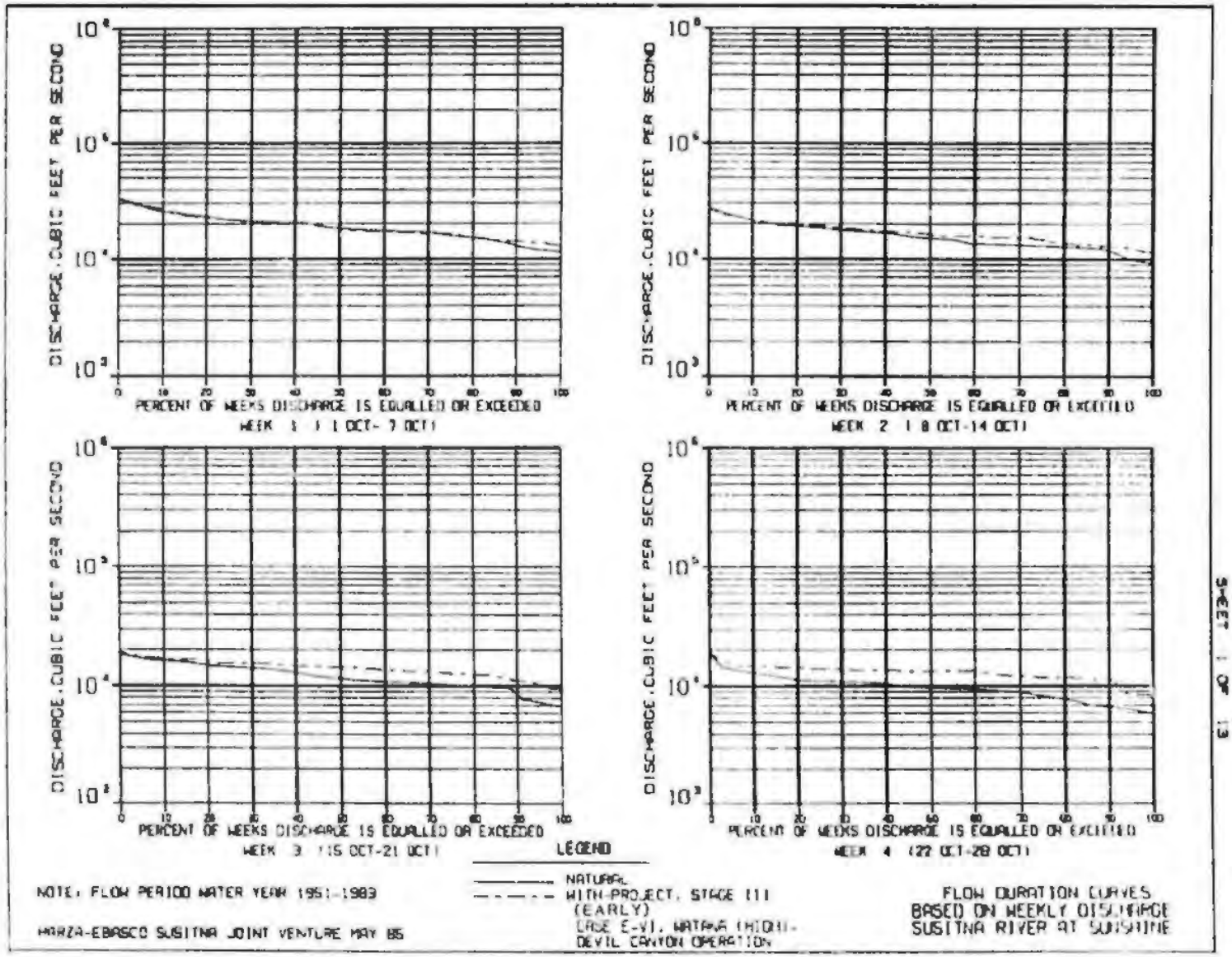
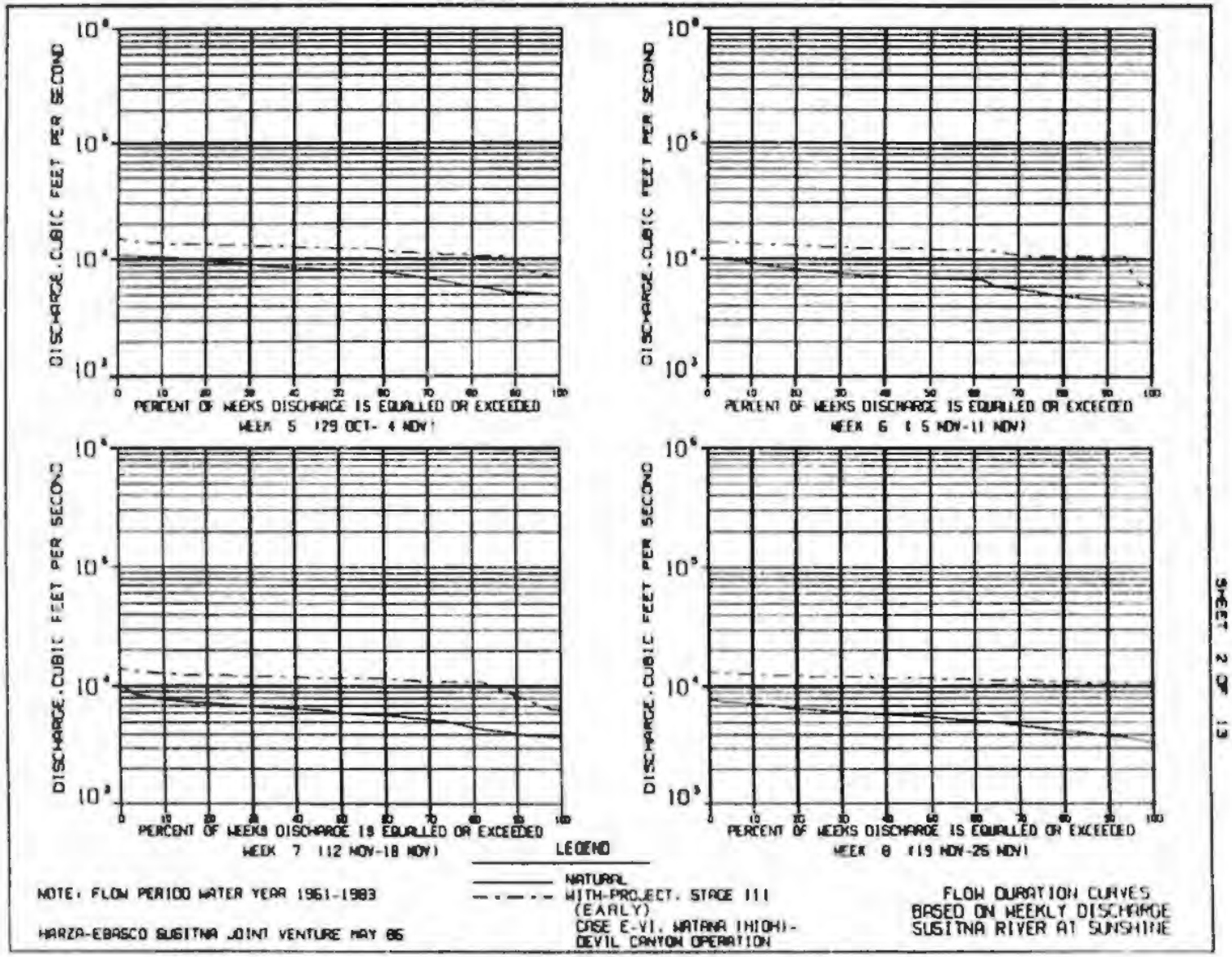


EXHIBIT 14
SHEET 1 OF 13



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SHEET 2 OF 13

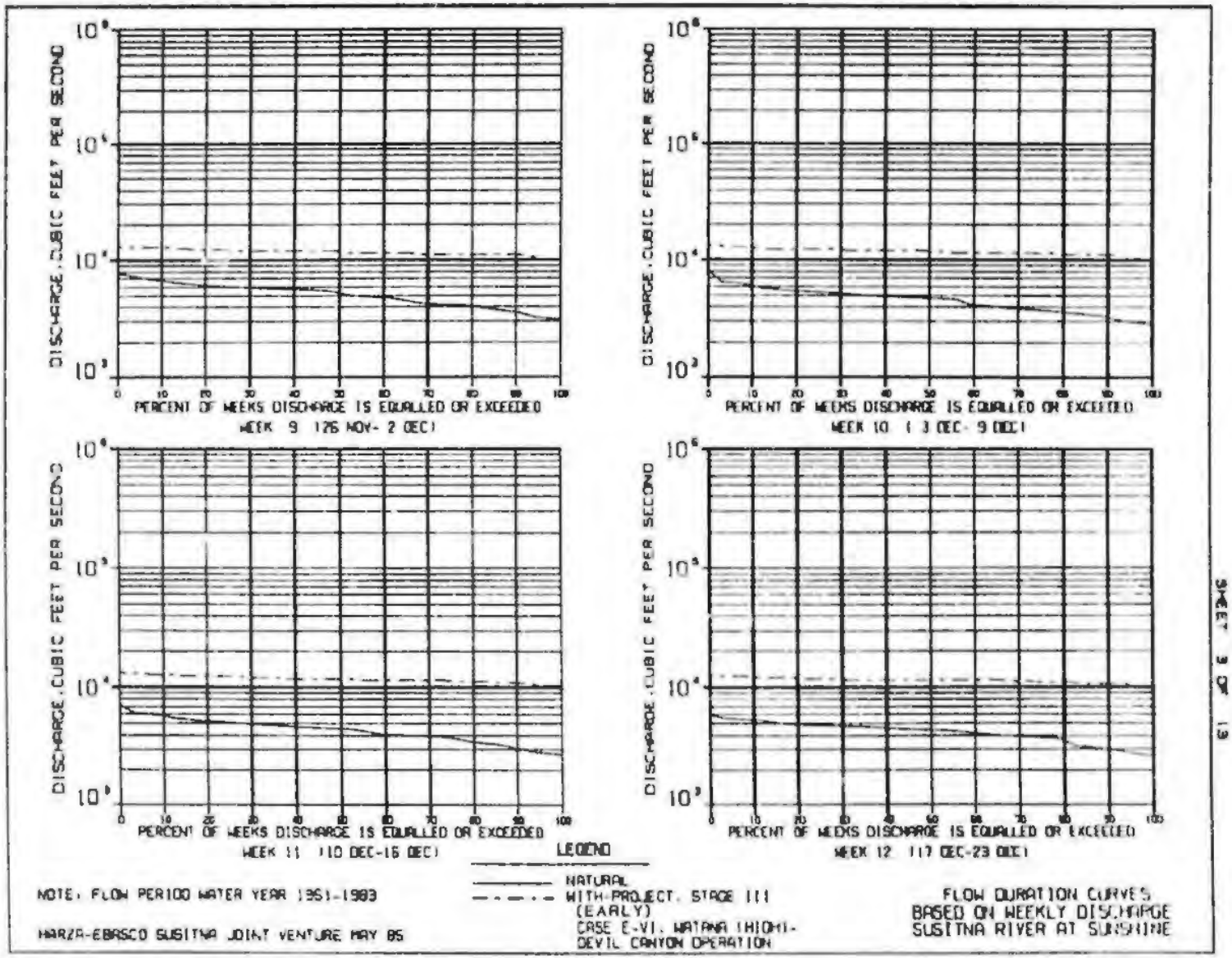


EXHIBIT 14
SHEET 3 OF 13

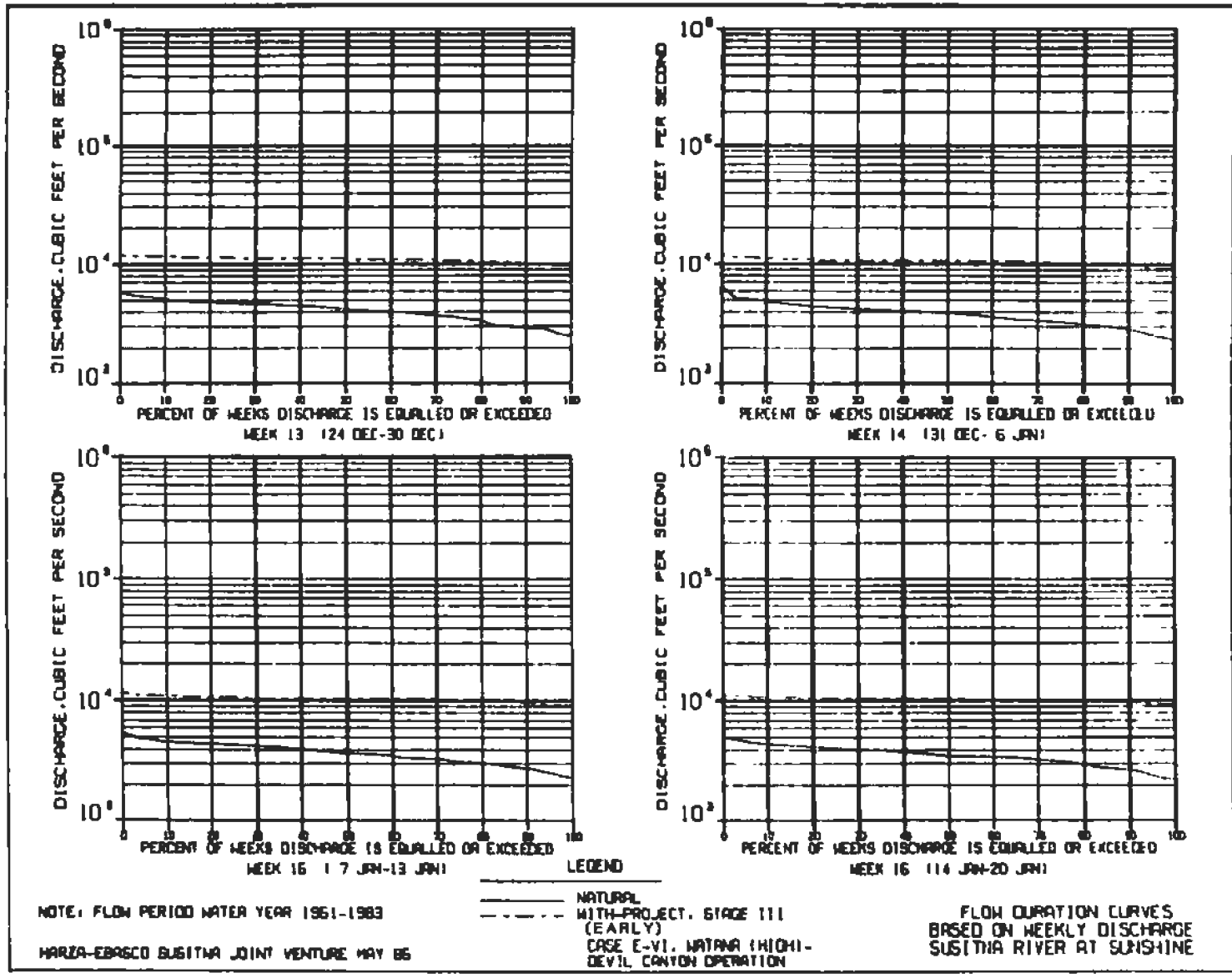


EXHIBIT 14
SHEET 4 OF 13

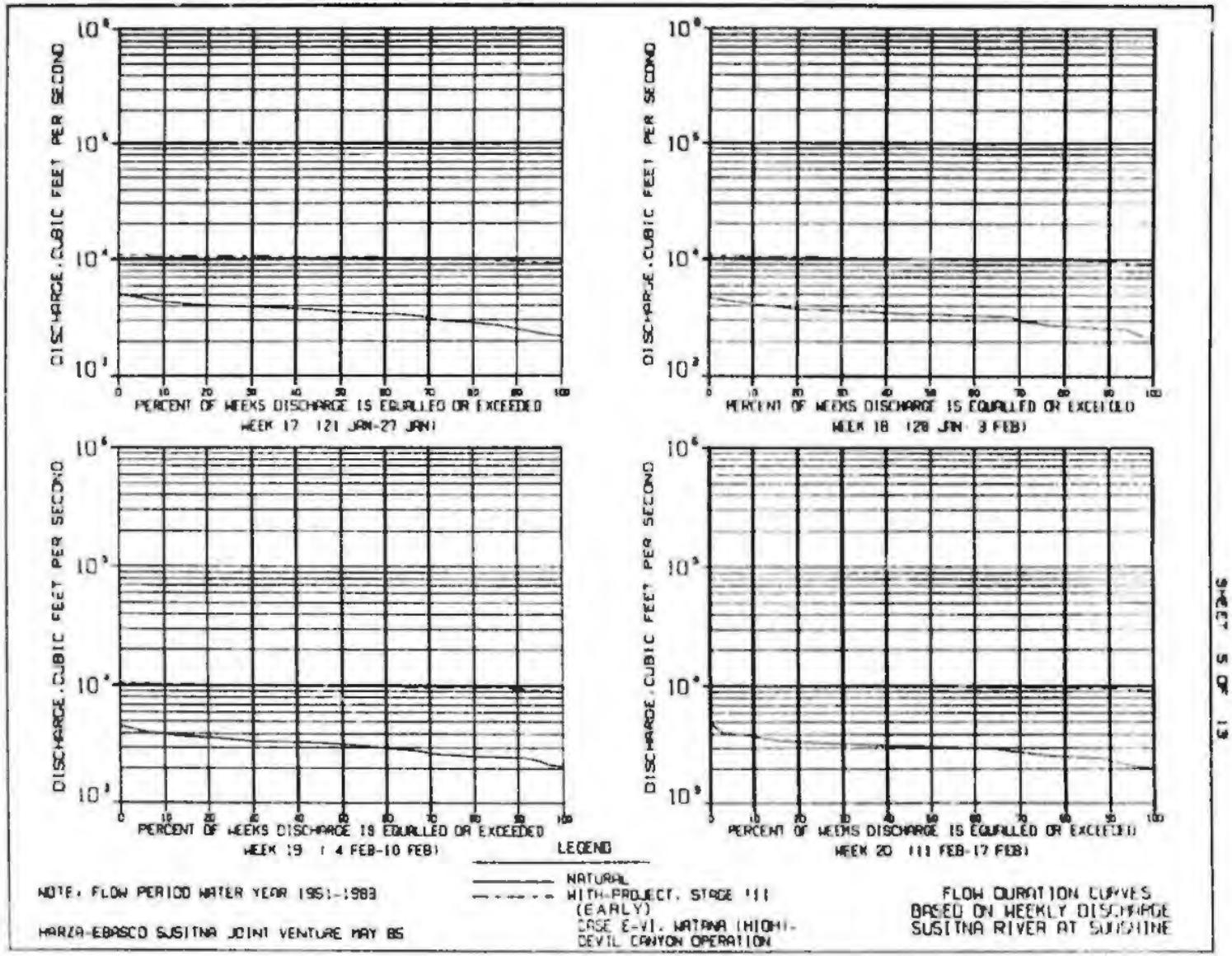


EXHIBIT 14
SHEET 5 OF 13

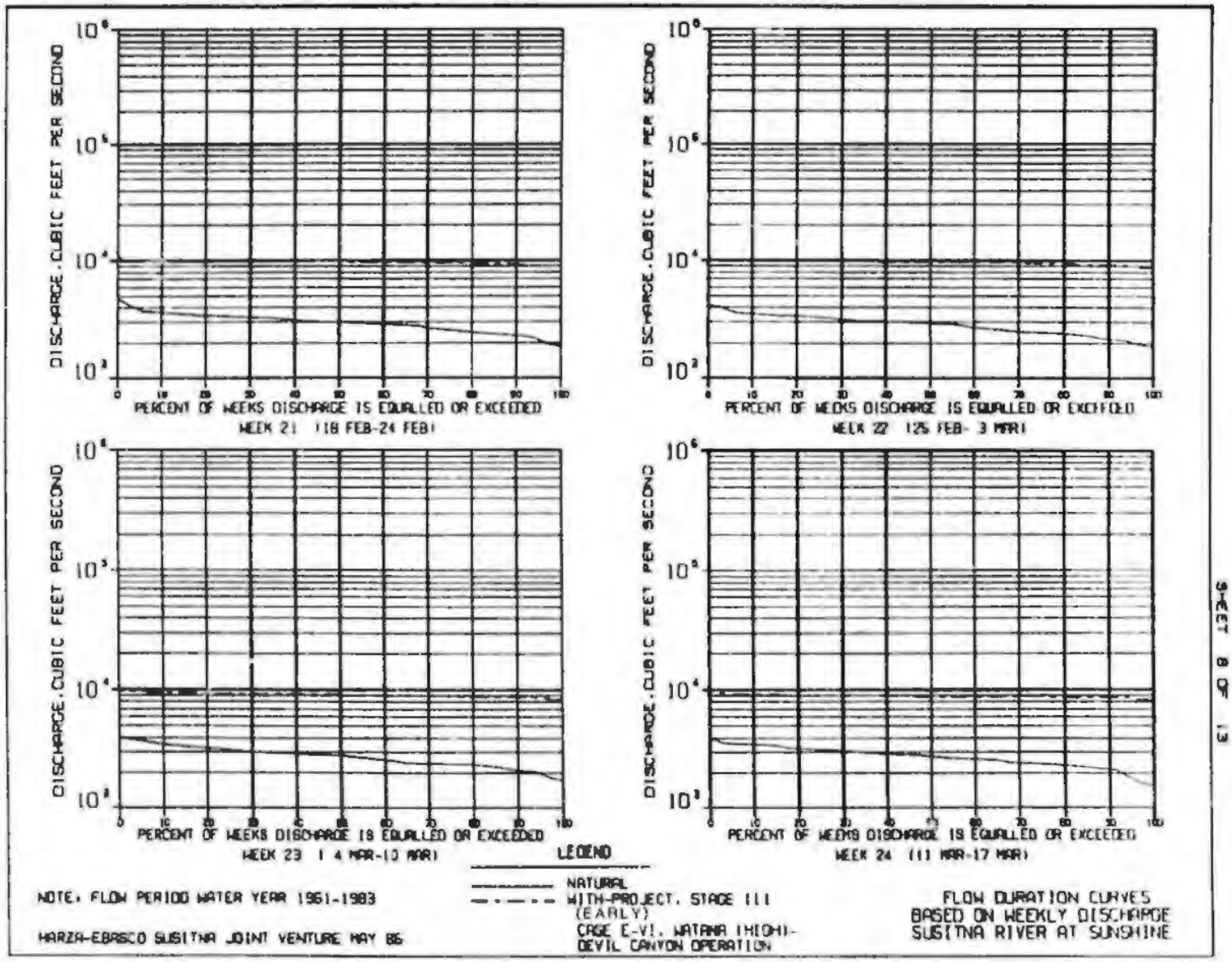


EXHIBIT 14
SHEET 8 OF 13

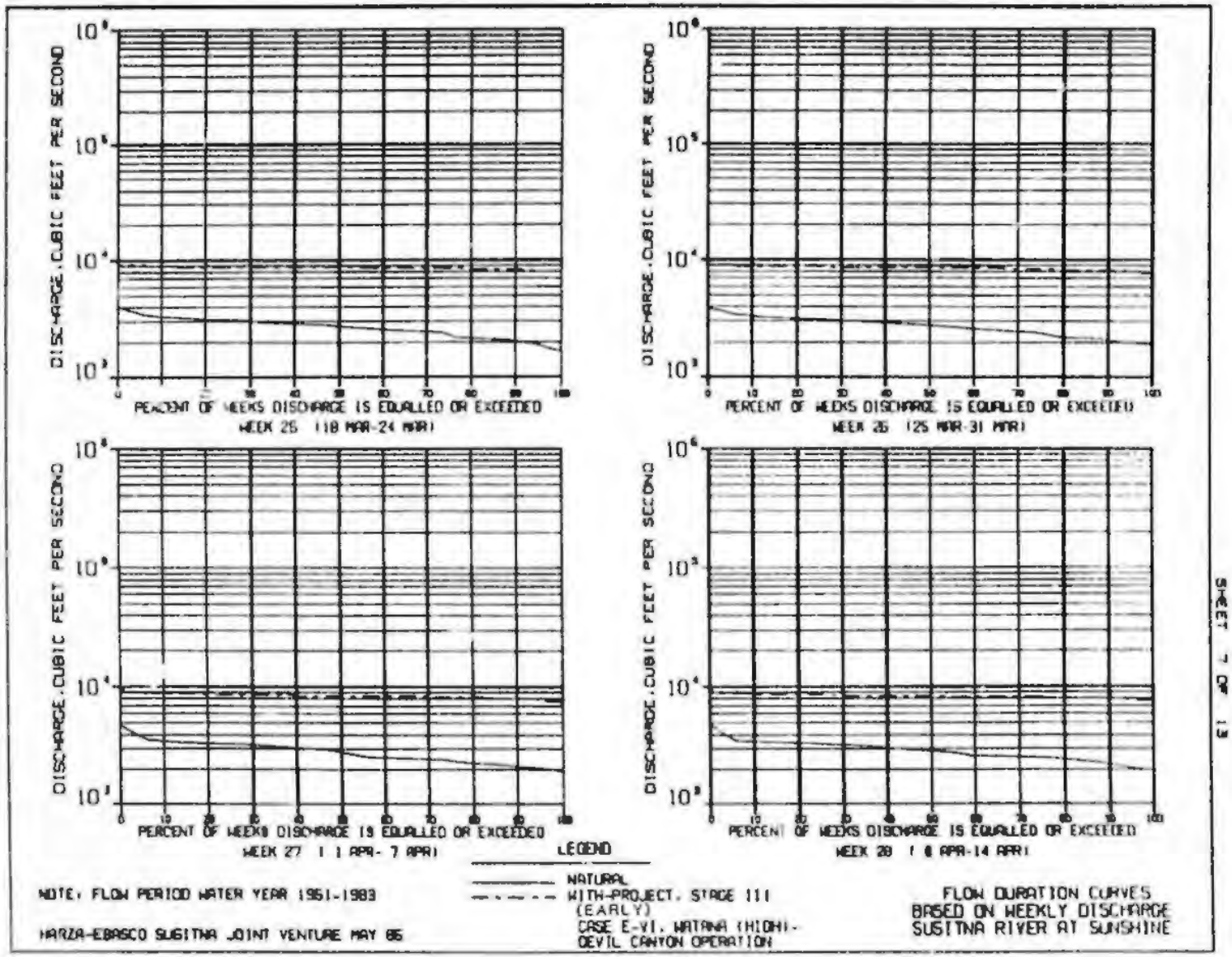


EXHIBIT 14
SHEET 7 OF 13

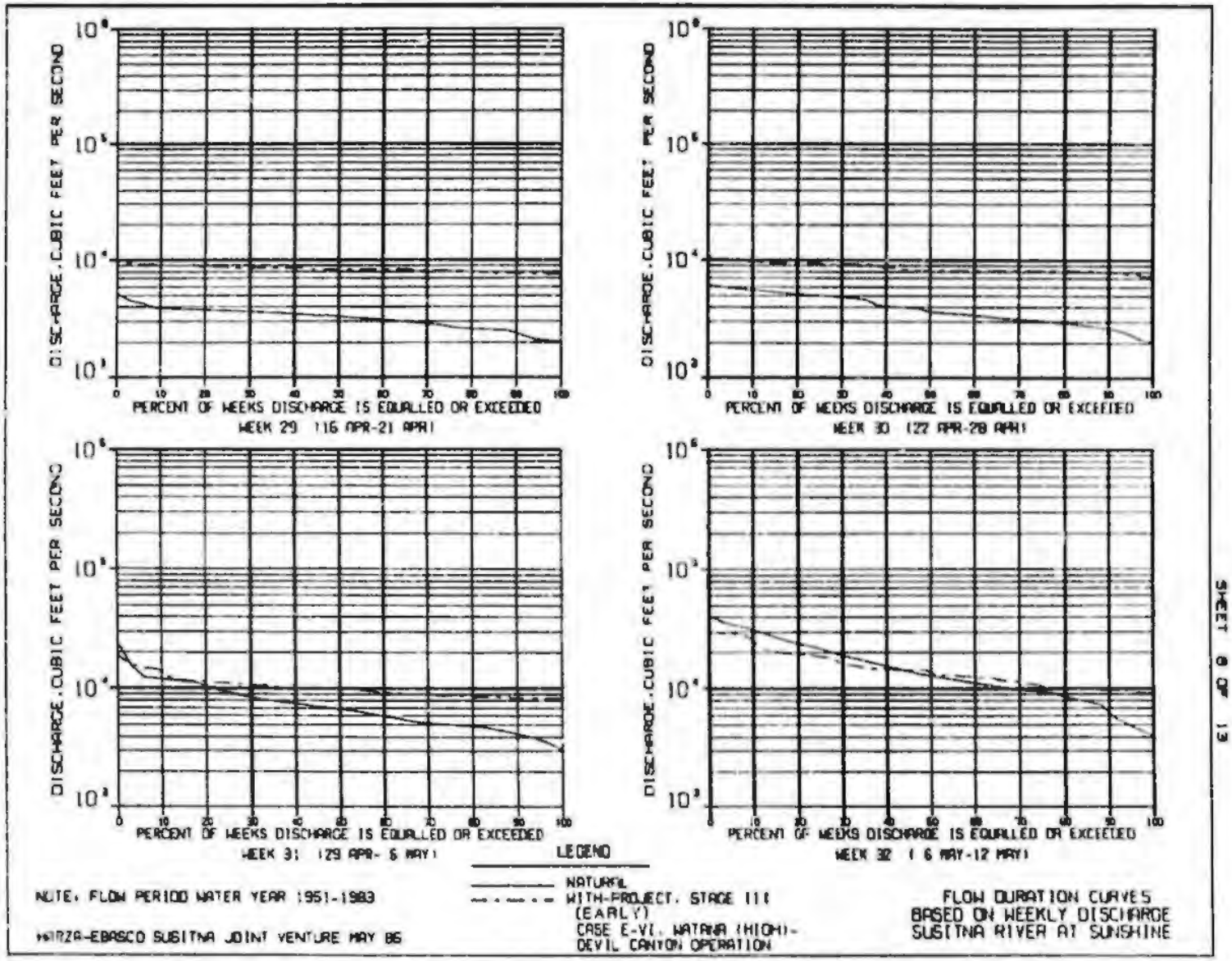


EXHIBIT 14
SHEET 8 OF 13

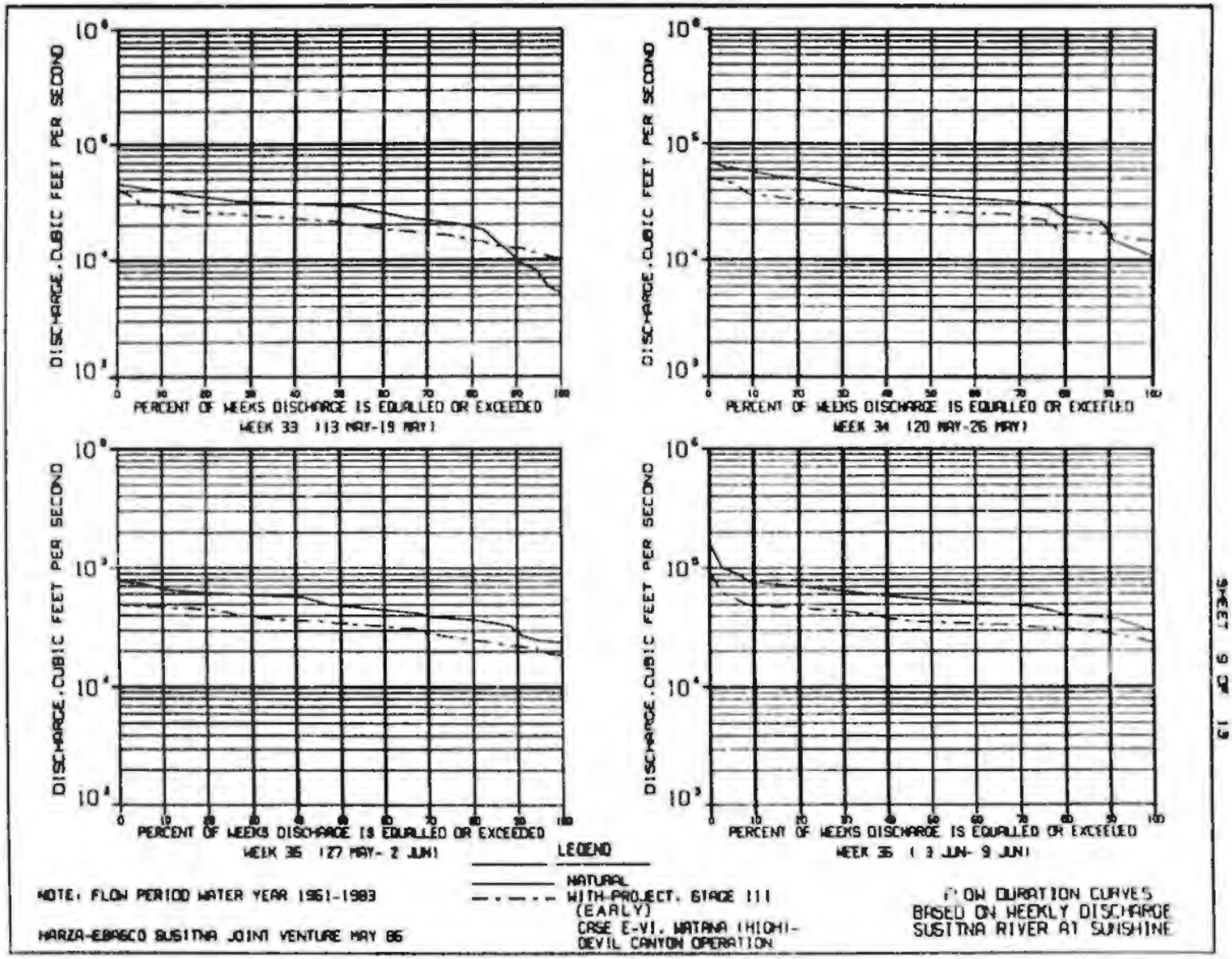
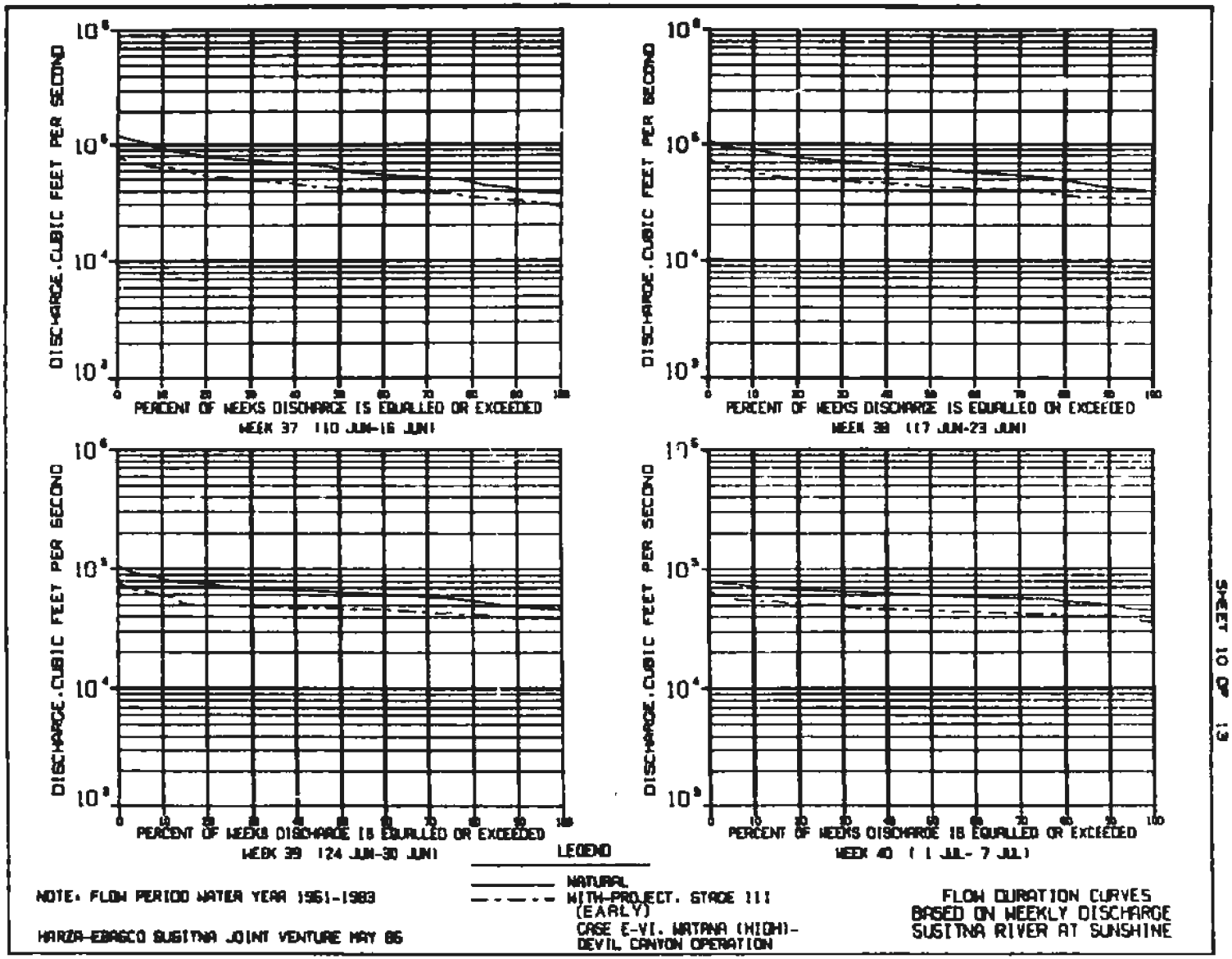


EXHIBIT 14
SHEET 9 OF 13



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SHEET 10 OF 13

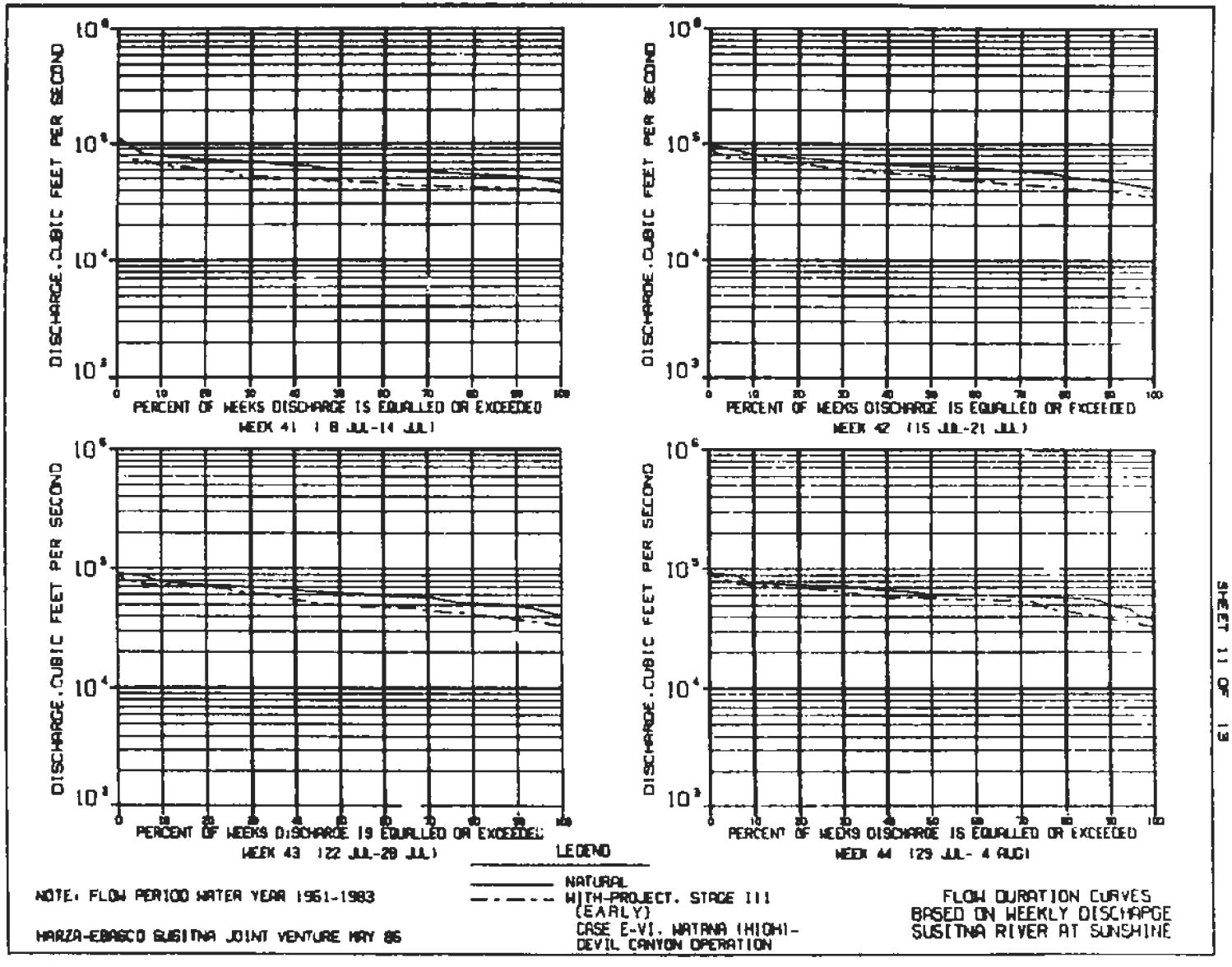
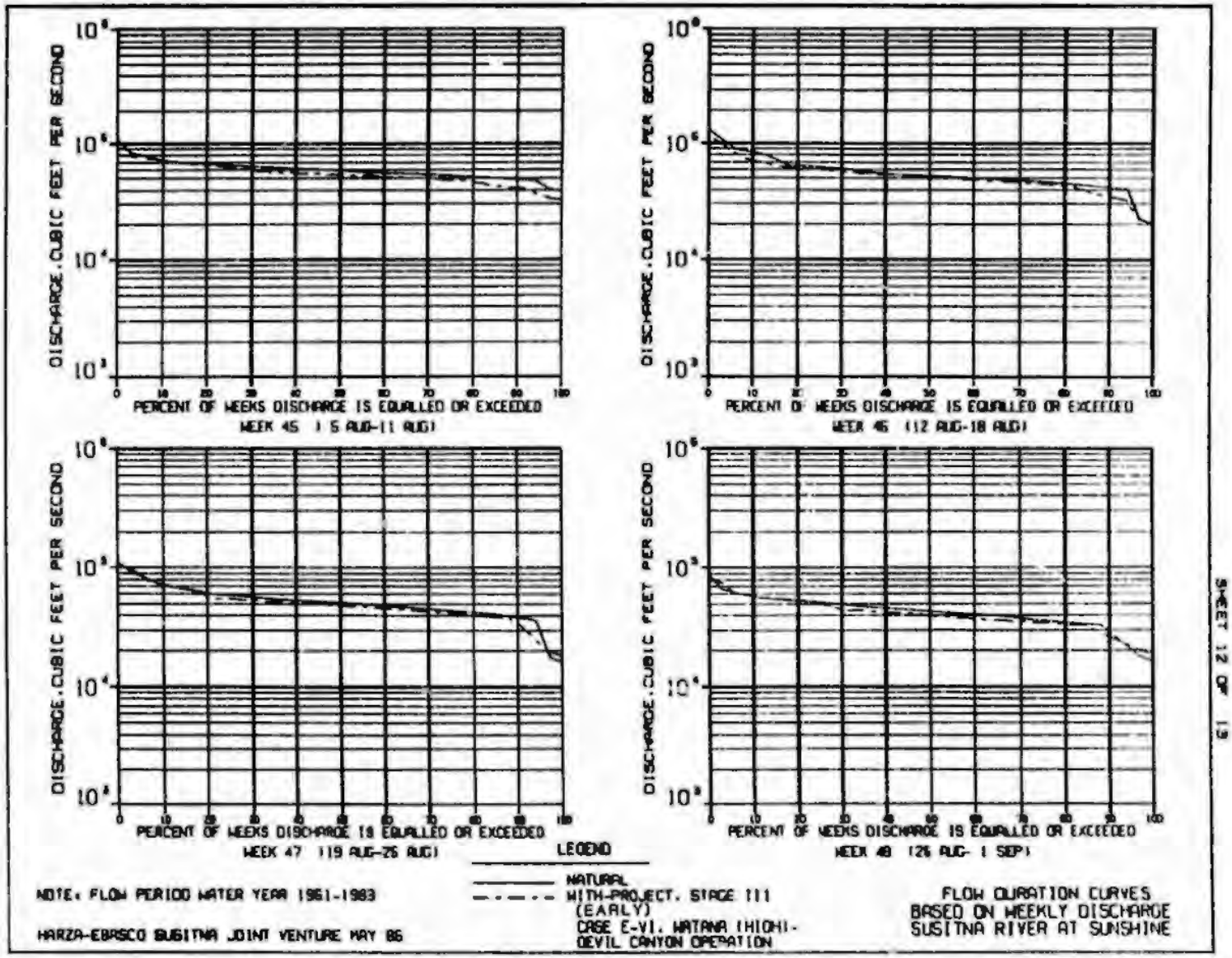


EXHIBIT 14

SHEET 11 OF 13

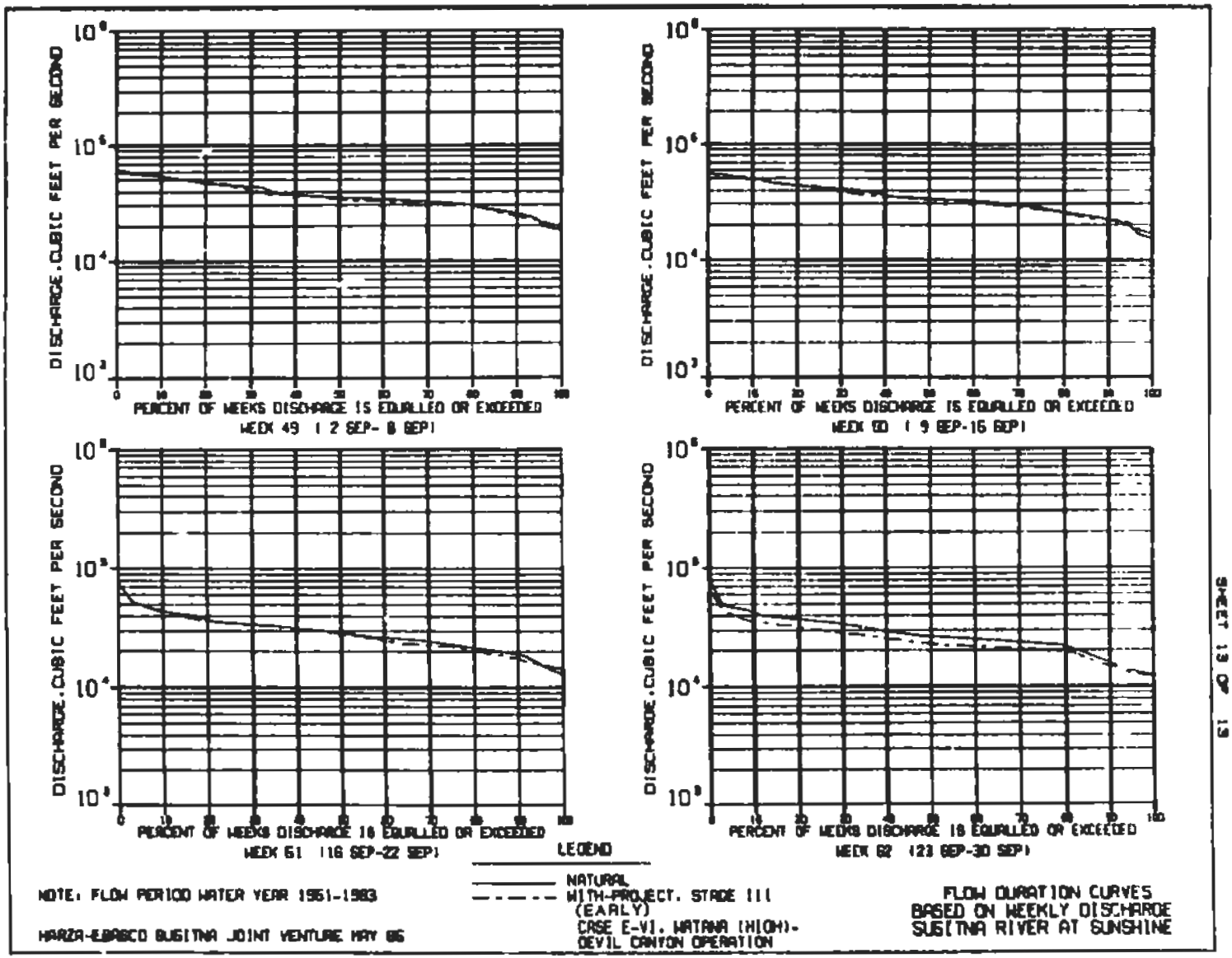


NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT SUNSHINE

EXHIBIT 14
SHEET 12 OF 19



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SHEET 13 OF 13

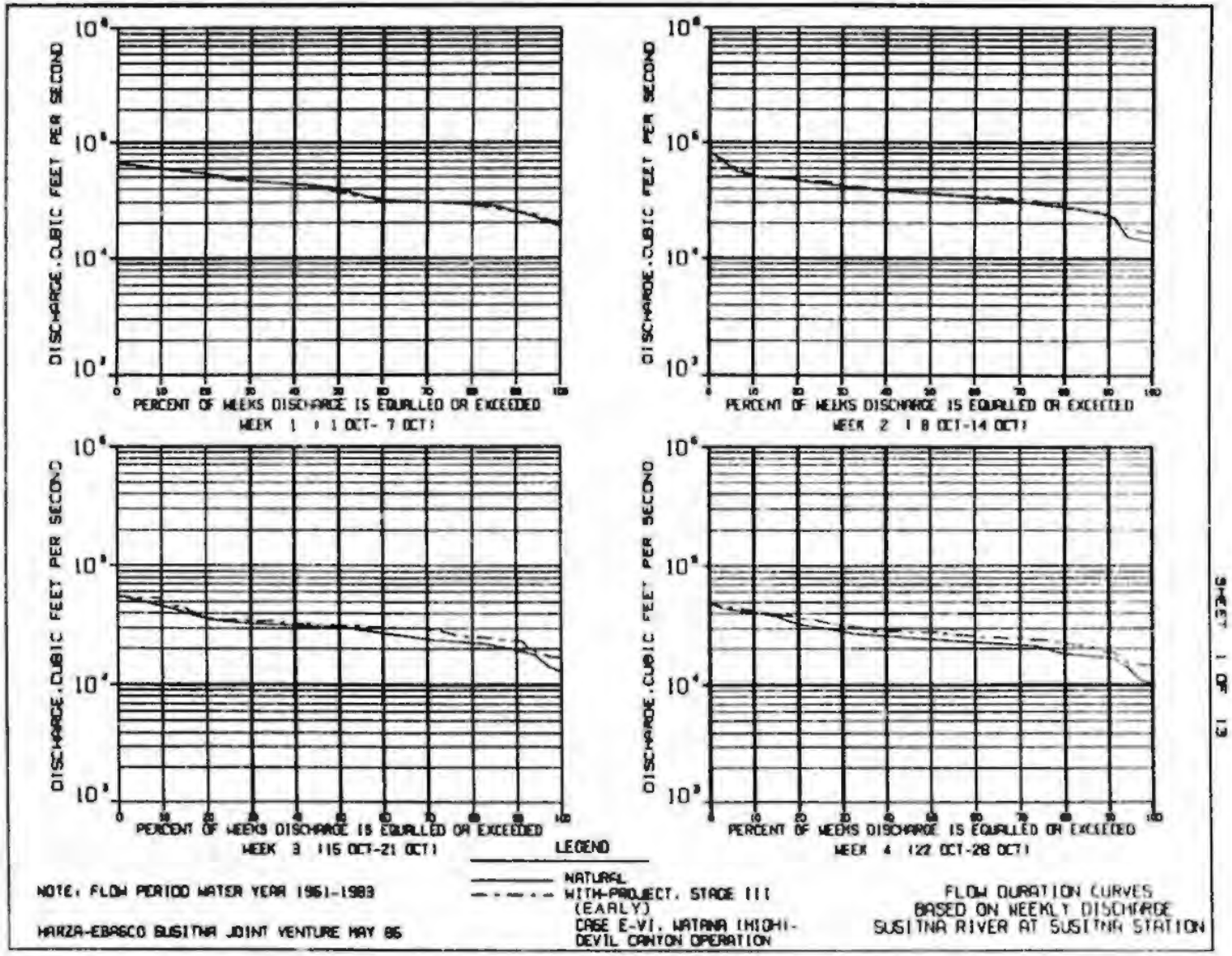
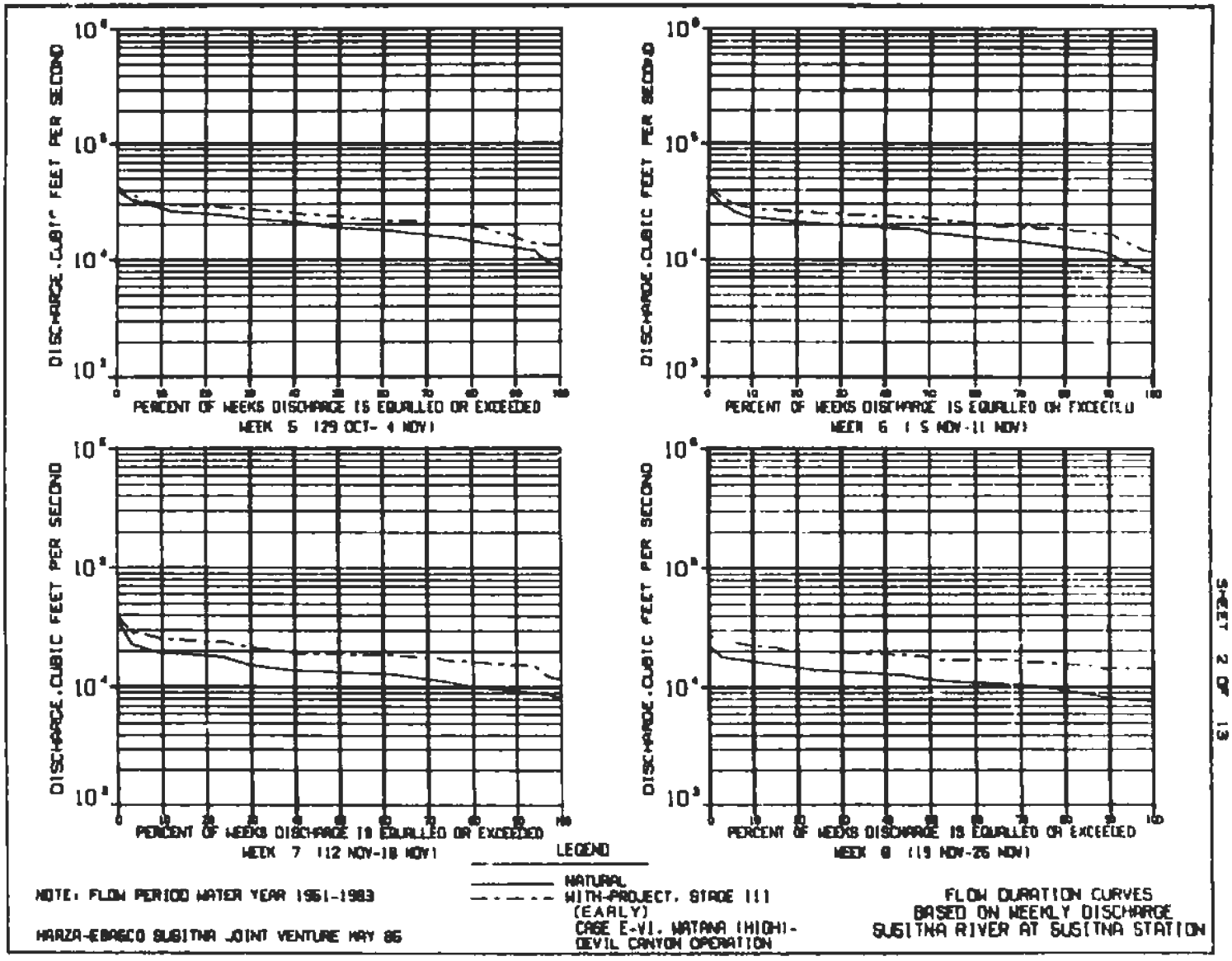


EXHIBIT 15
SHEET 1 OF 13



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SHEET 2 OF 13

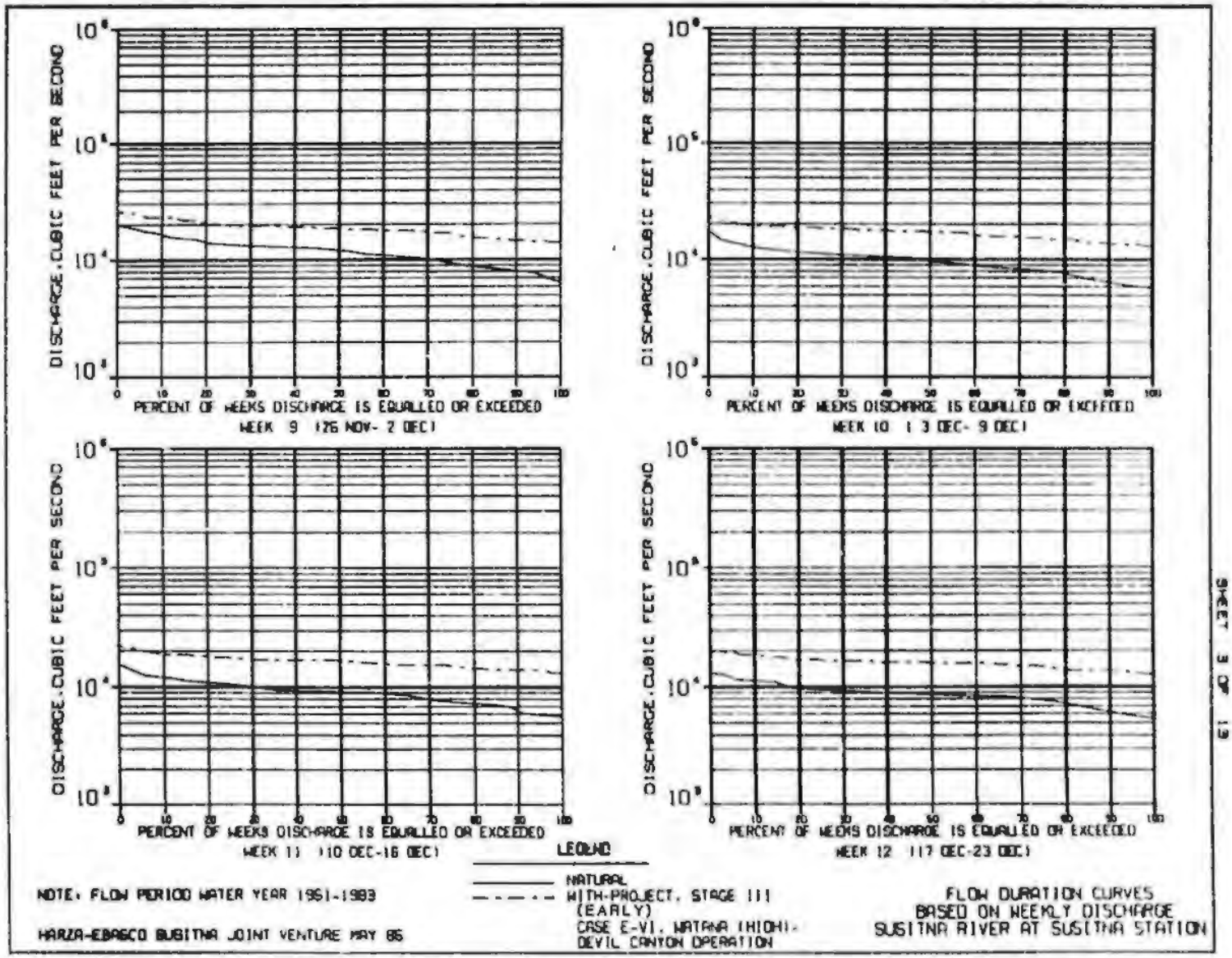
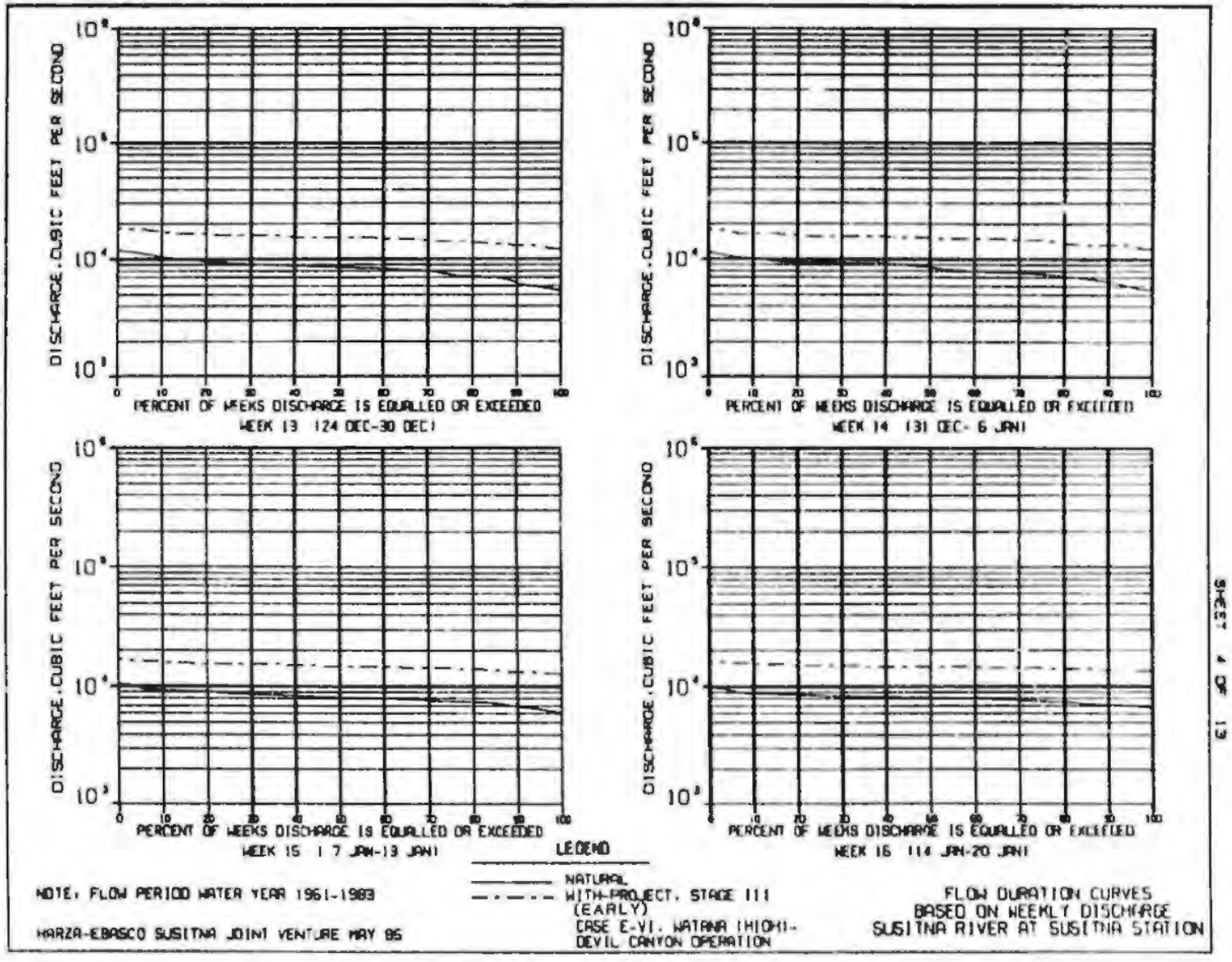


EXHIBIT 15
SHEET 3 OF 15



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SHEET 4 OF 13

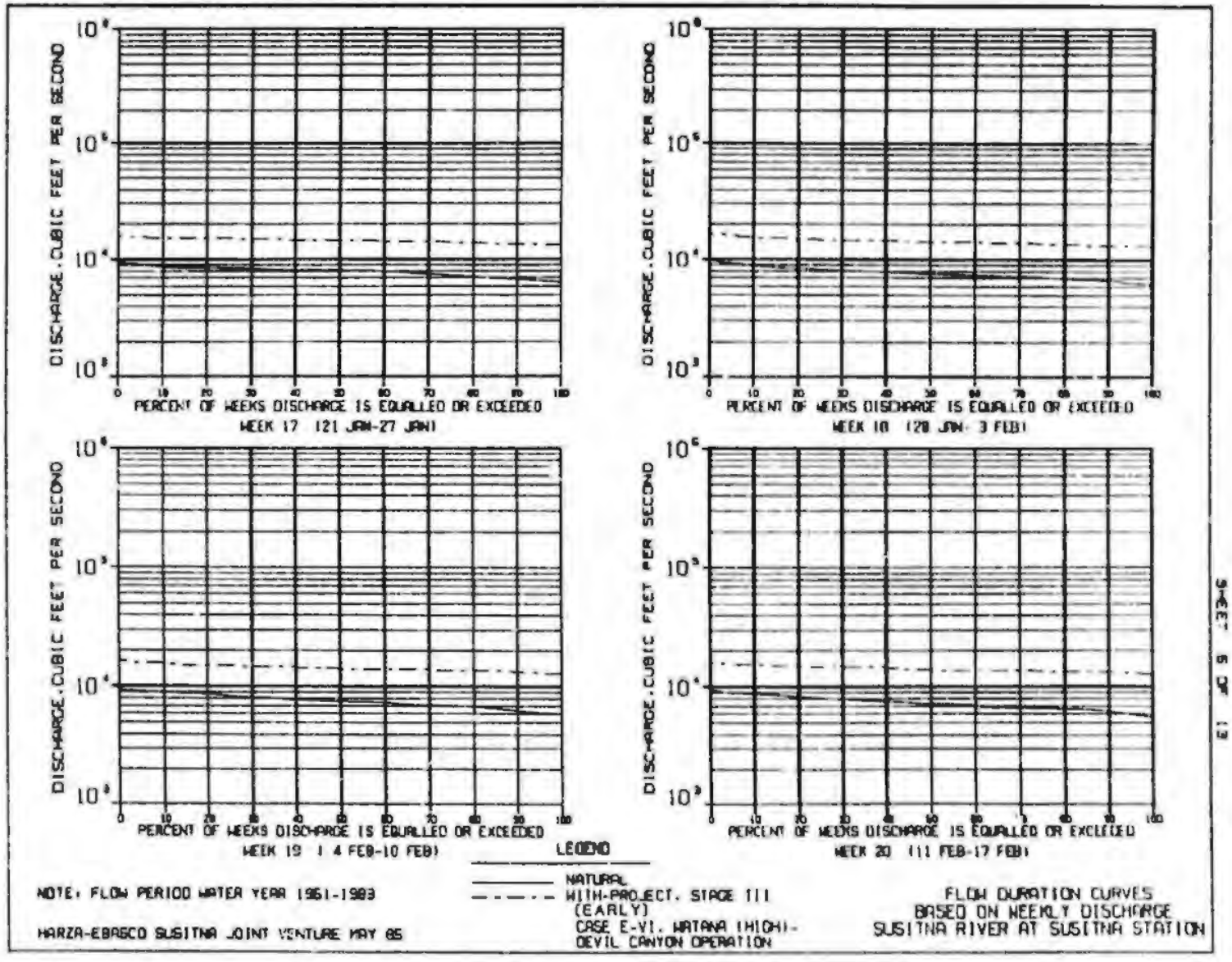

EXHIBIT 15
E1 OF 13
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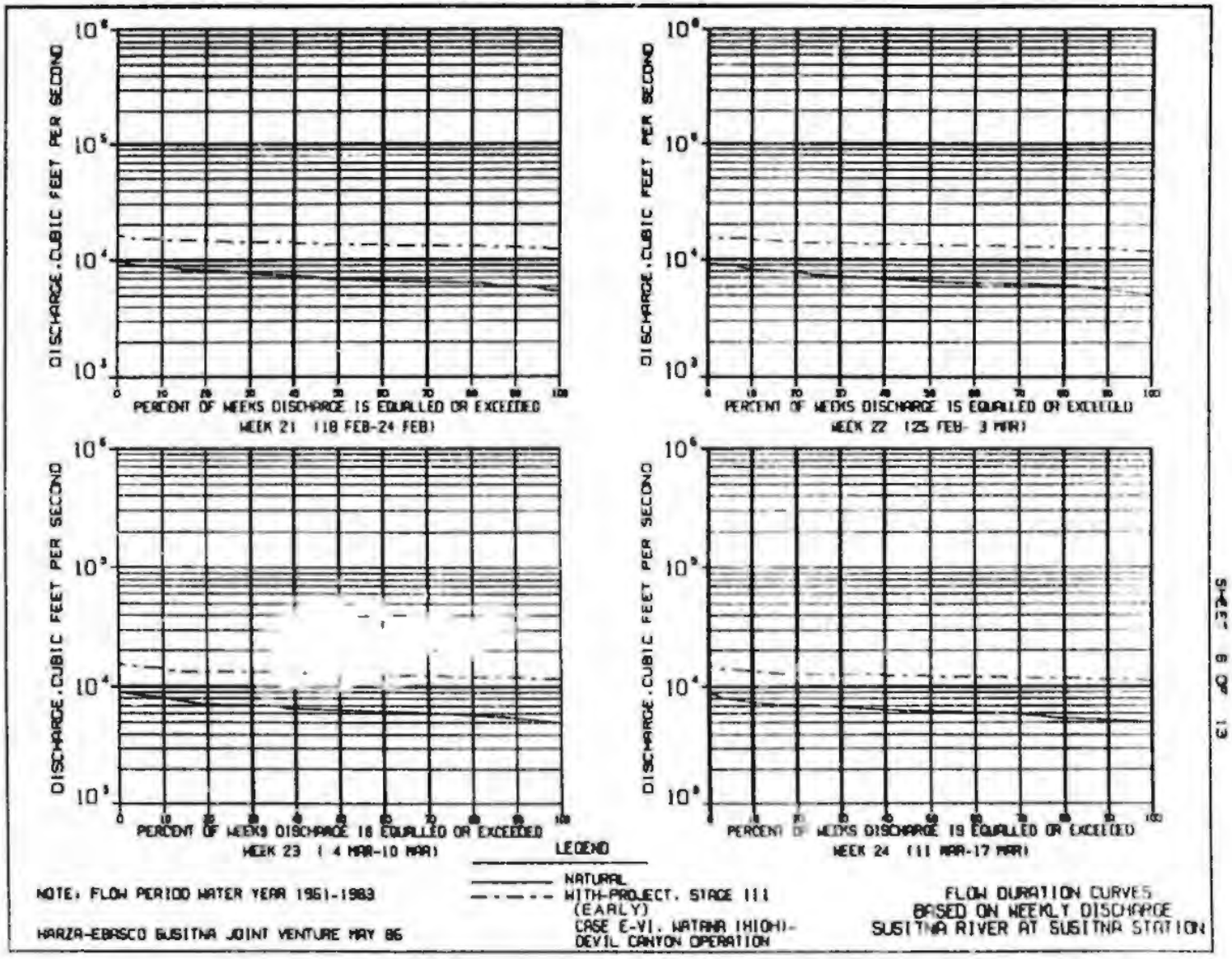


EXHIBIT 15
SHEET 6 OF 13

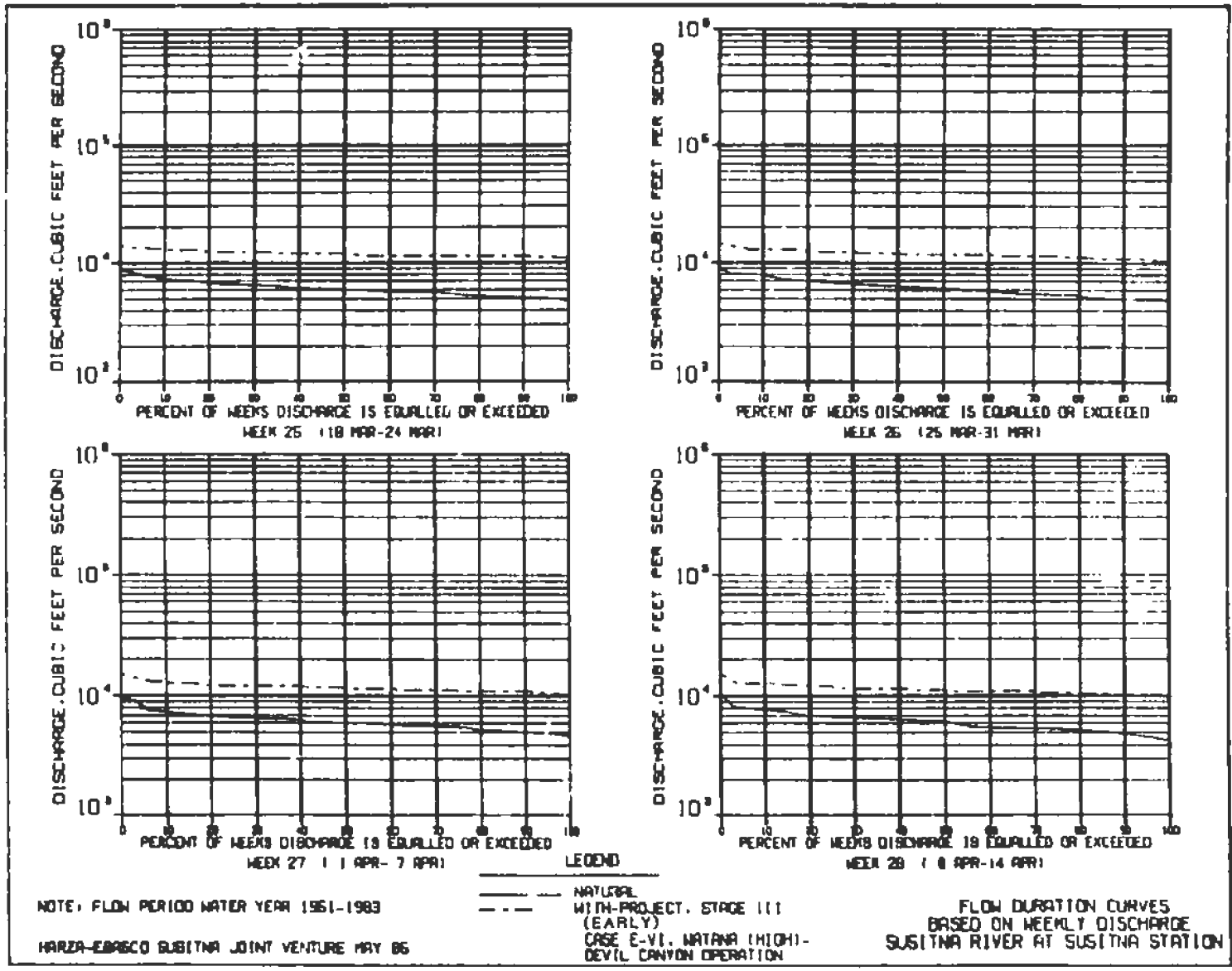


EXHIBIT 15
SHEET 7 OF 13

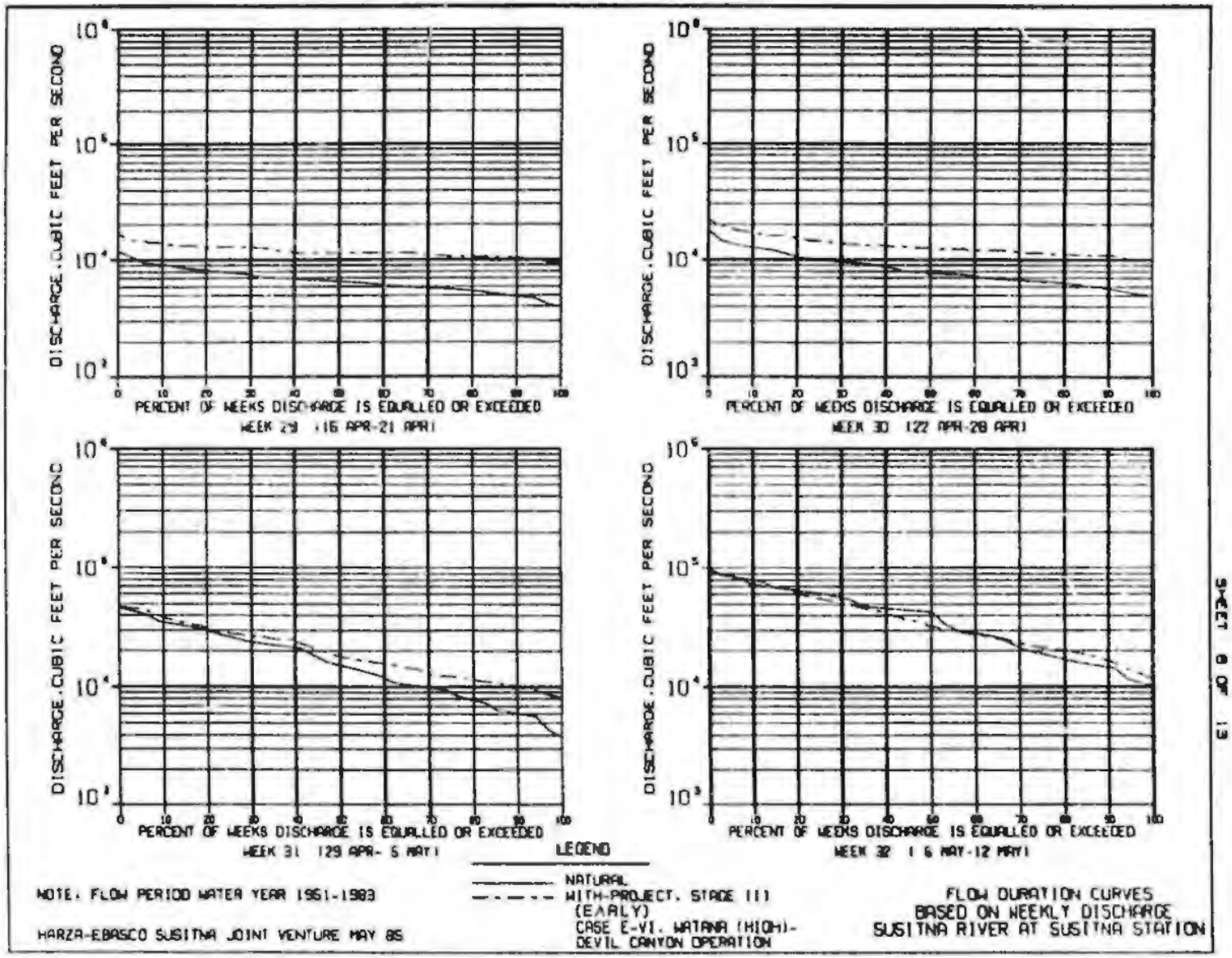


EXHIBIT 15
SHEET 8 OF 13

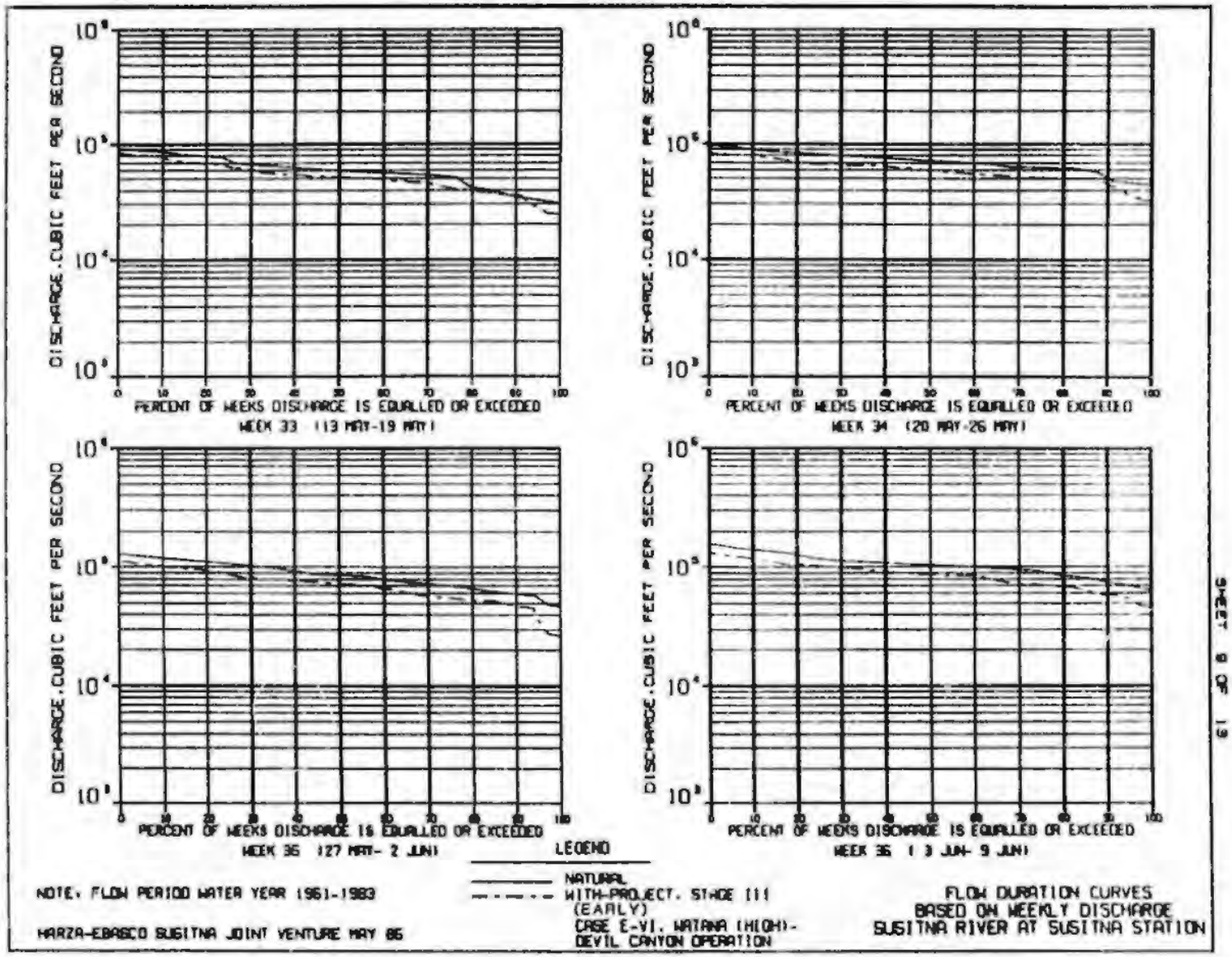


EXHIBIT 15
SHEET 8 OF 16

EXHIBIT 15

SHEET 10 OF 13

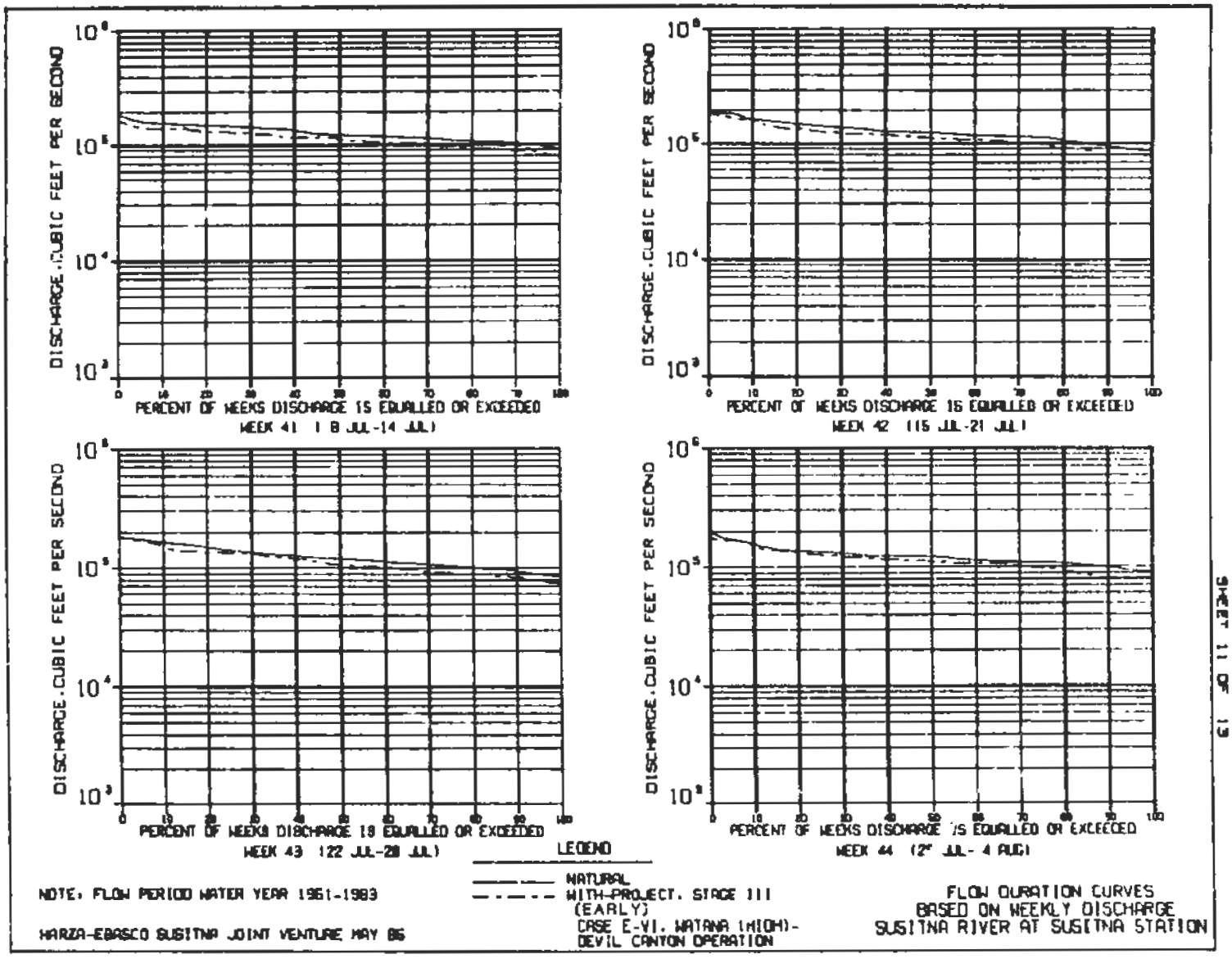
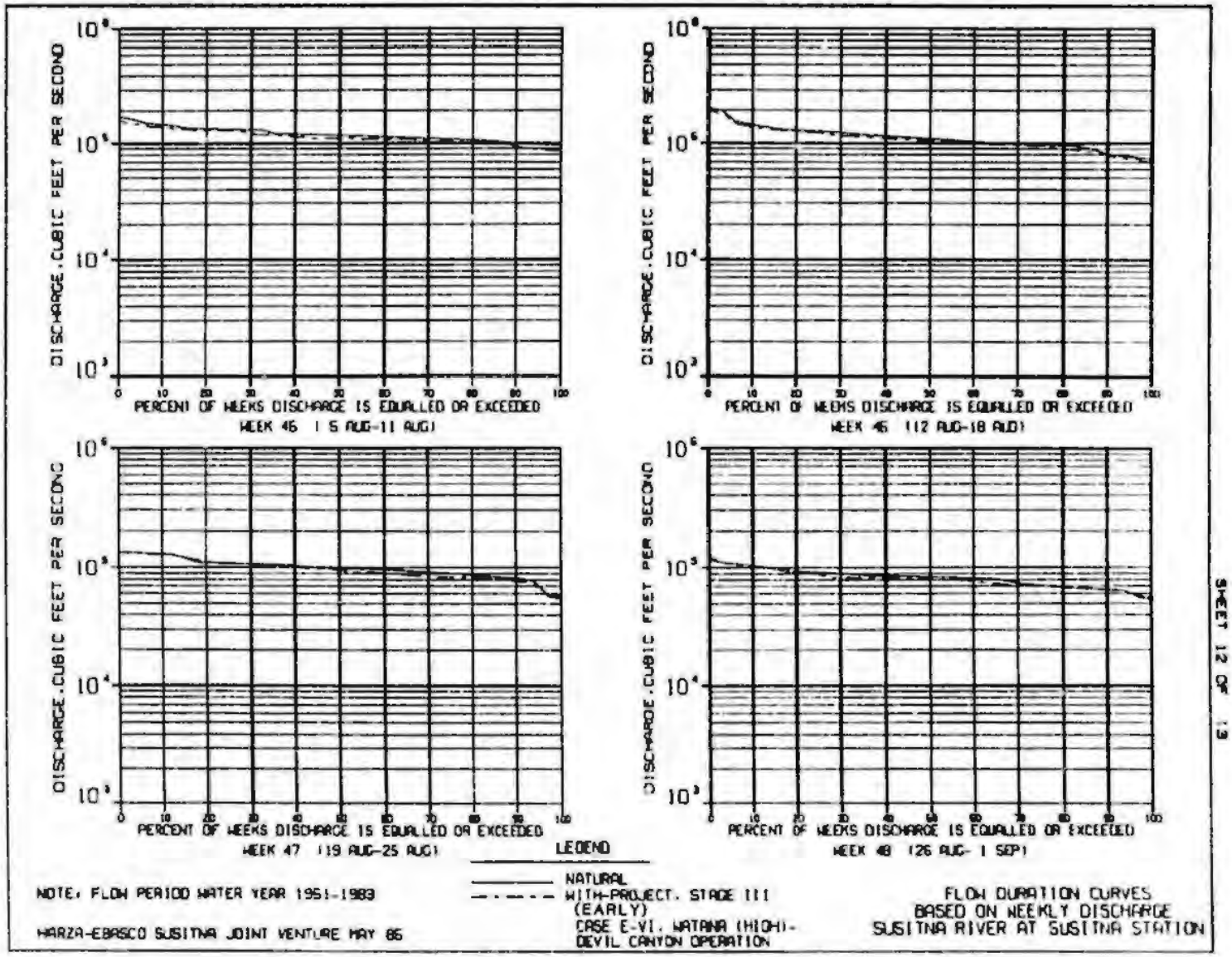


EXHIBIT 15
SHEET 11 OF 19



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

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

EXHIBIT 15
SHEET 12 OF 13

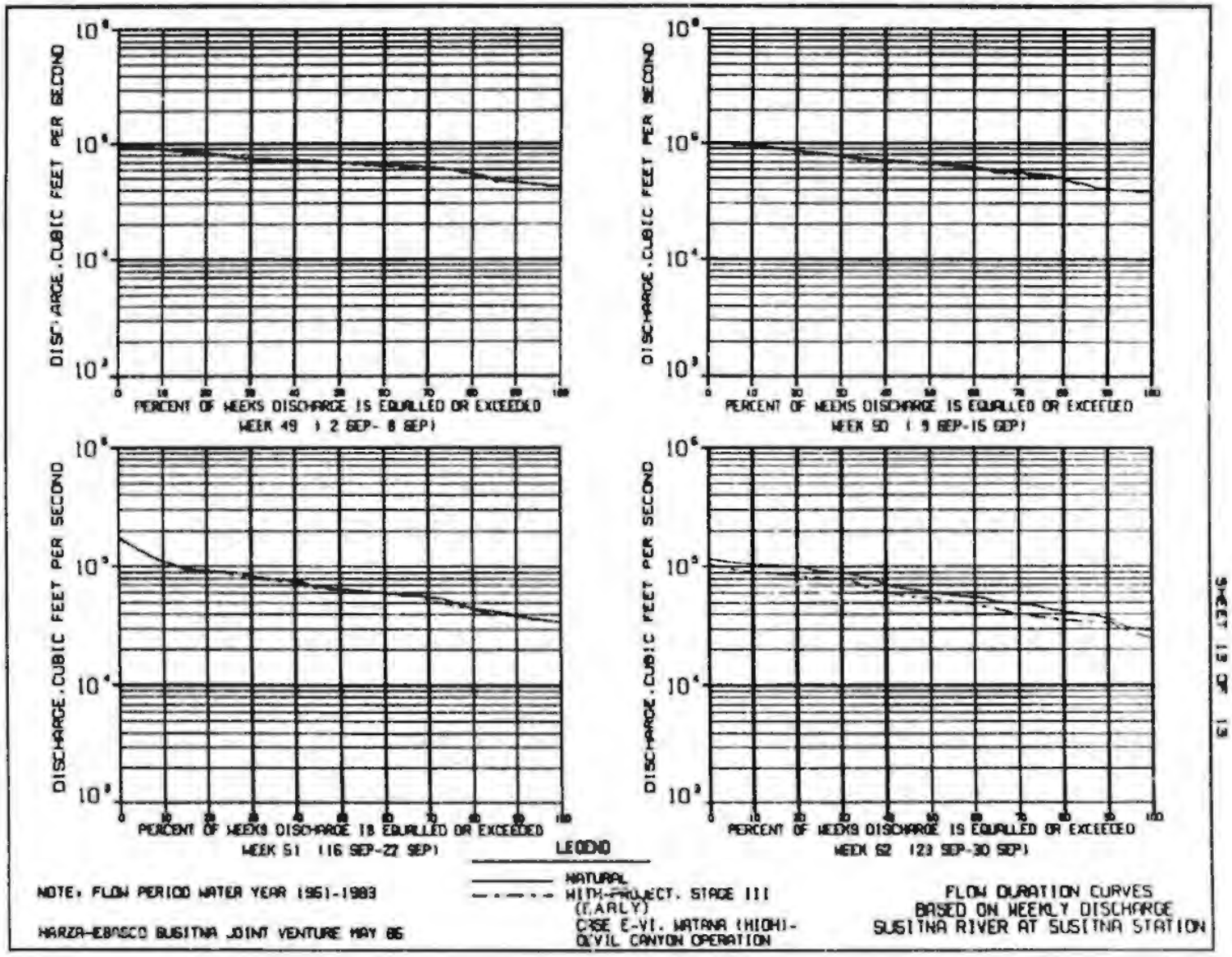


EXHIBIT 15
SHEET 13 OF 13

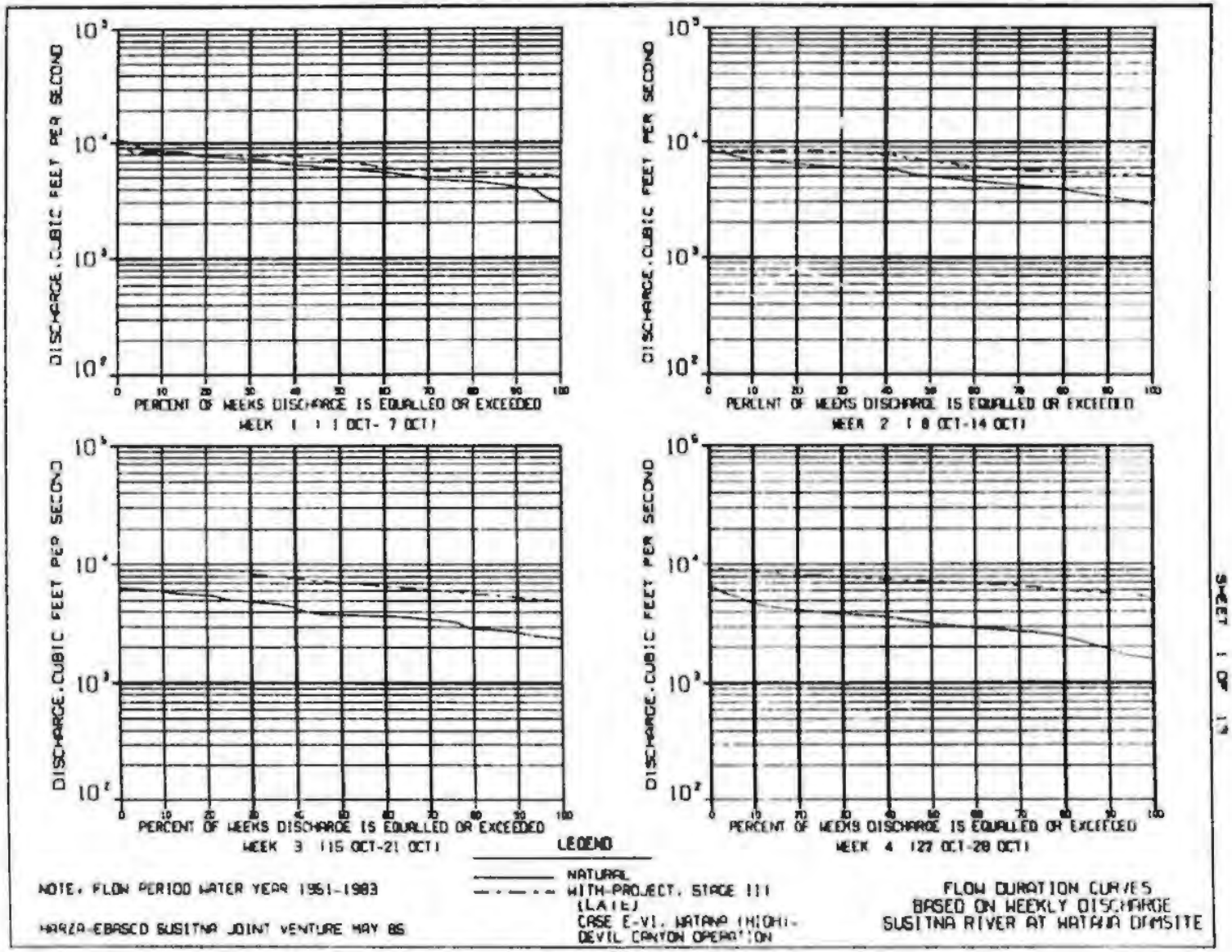


EXHIBIT 16
SHEET 1 OF 12

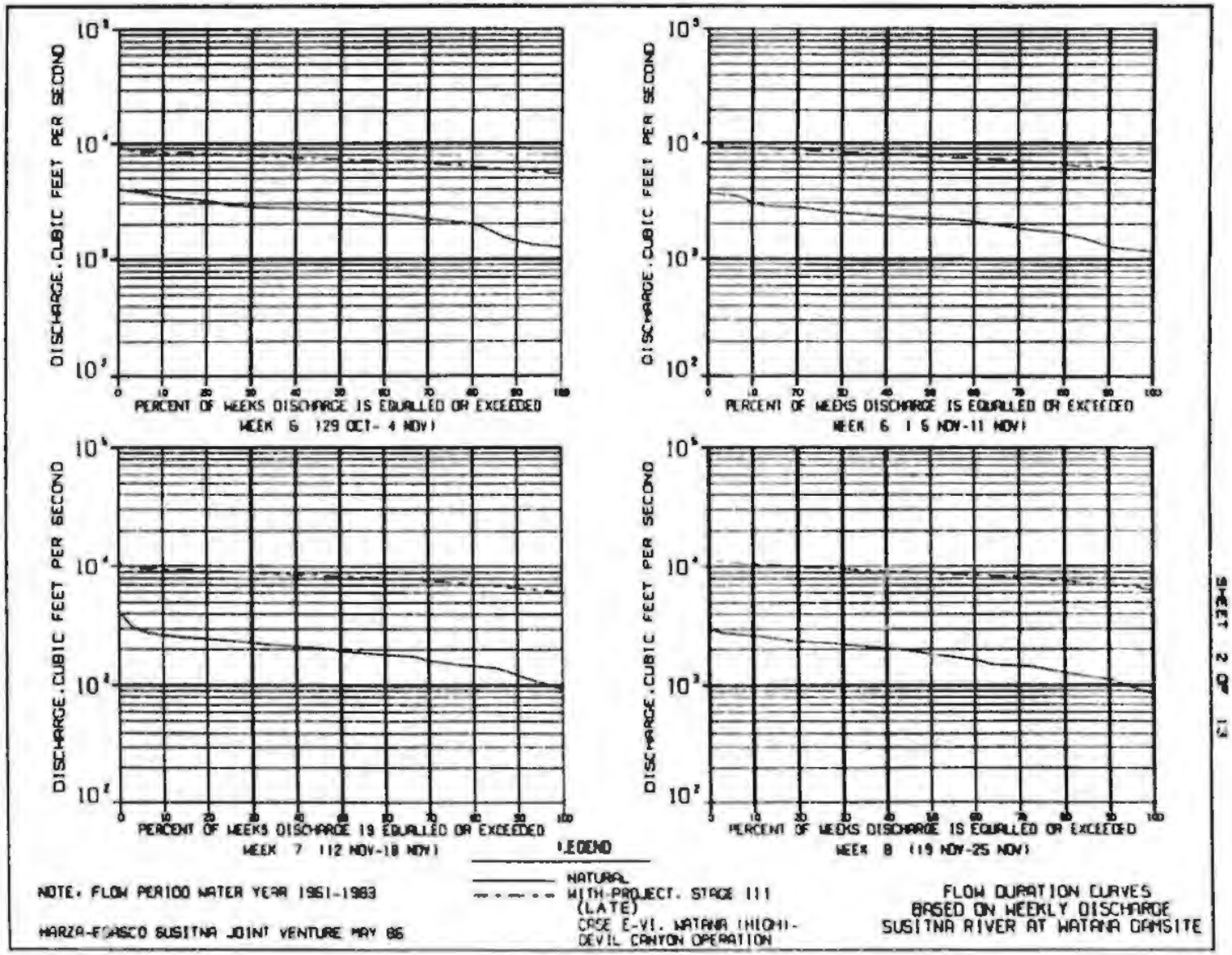


EXHIBIT 16
SHEET 2 OF 13

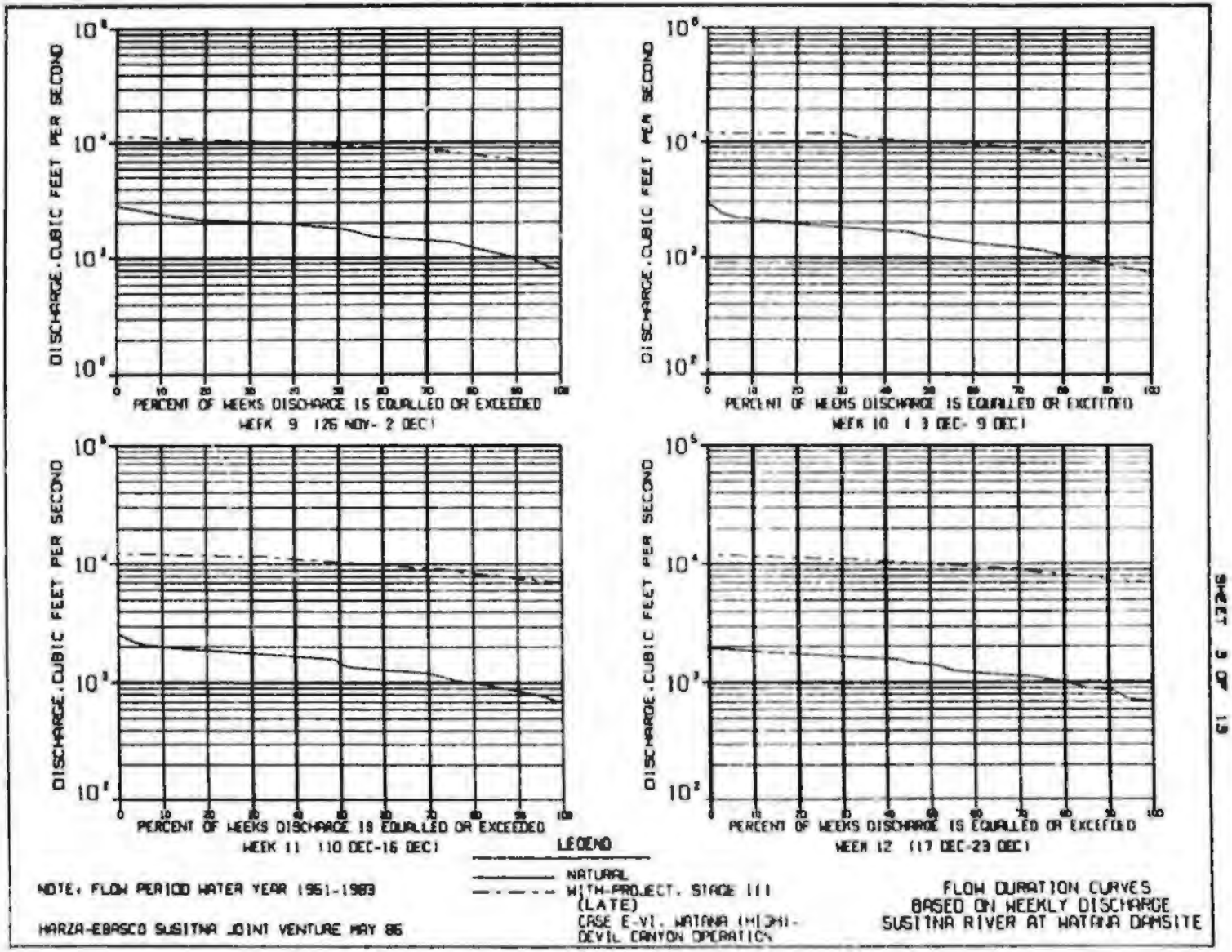


EXHIBIT 16
SHEET 9 OF 13

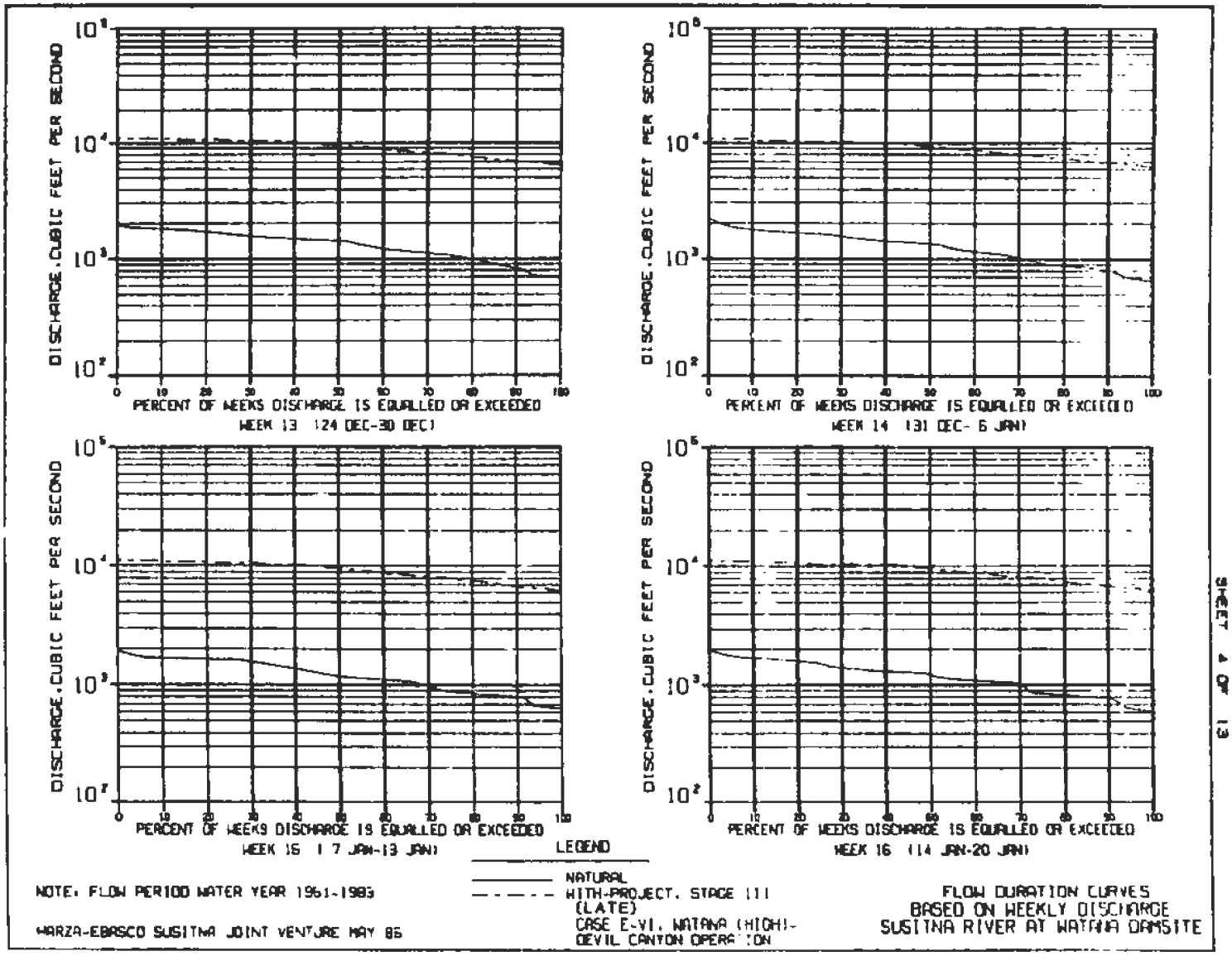


EXHIBIT 16
SHEET 4 OF 13

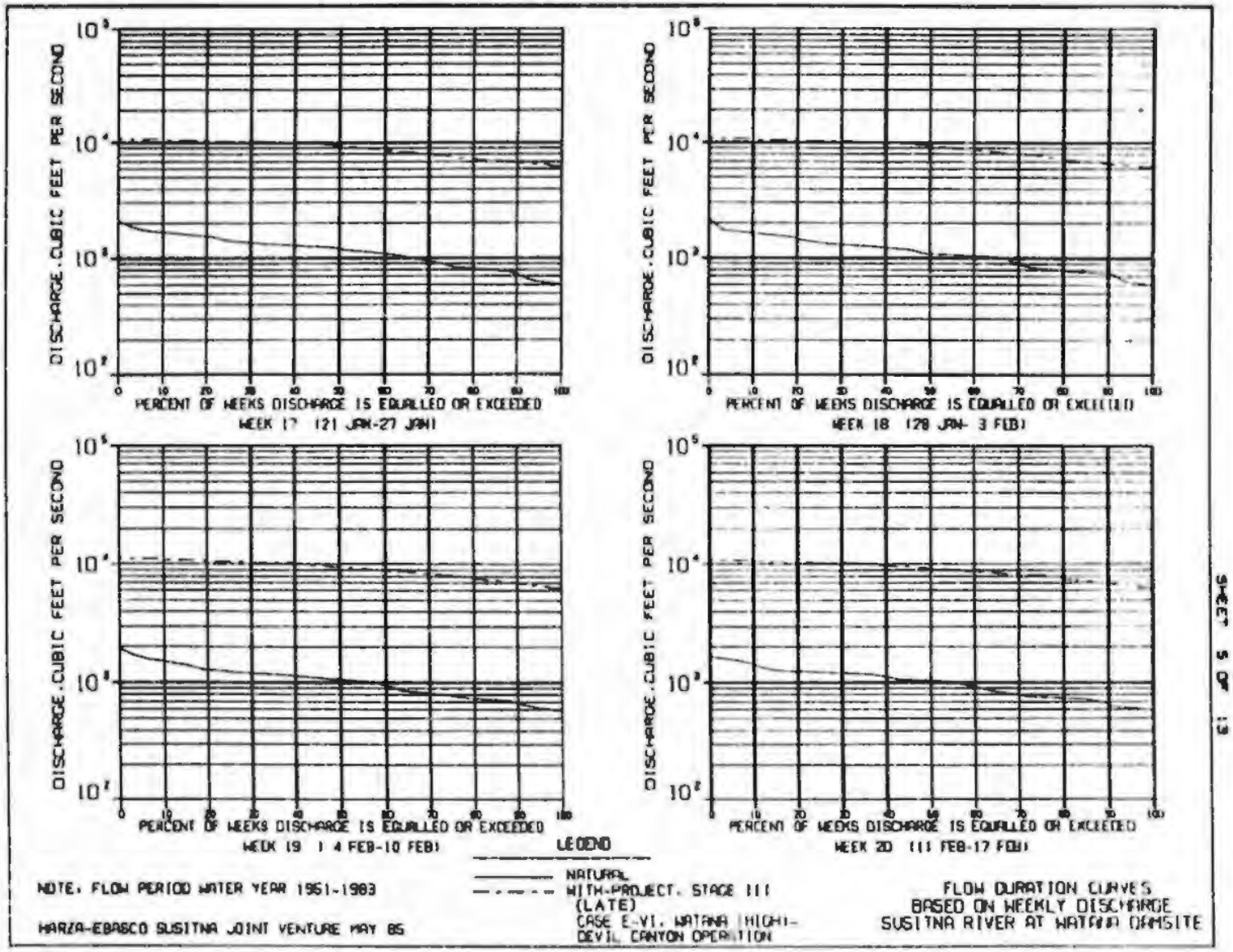


EXHIBIT 16
SHEET 5 OF 13

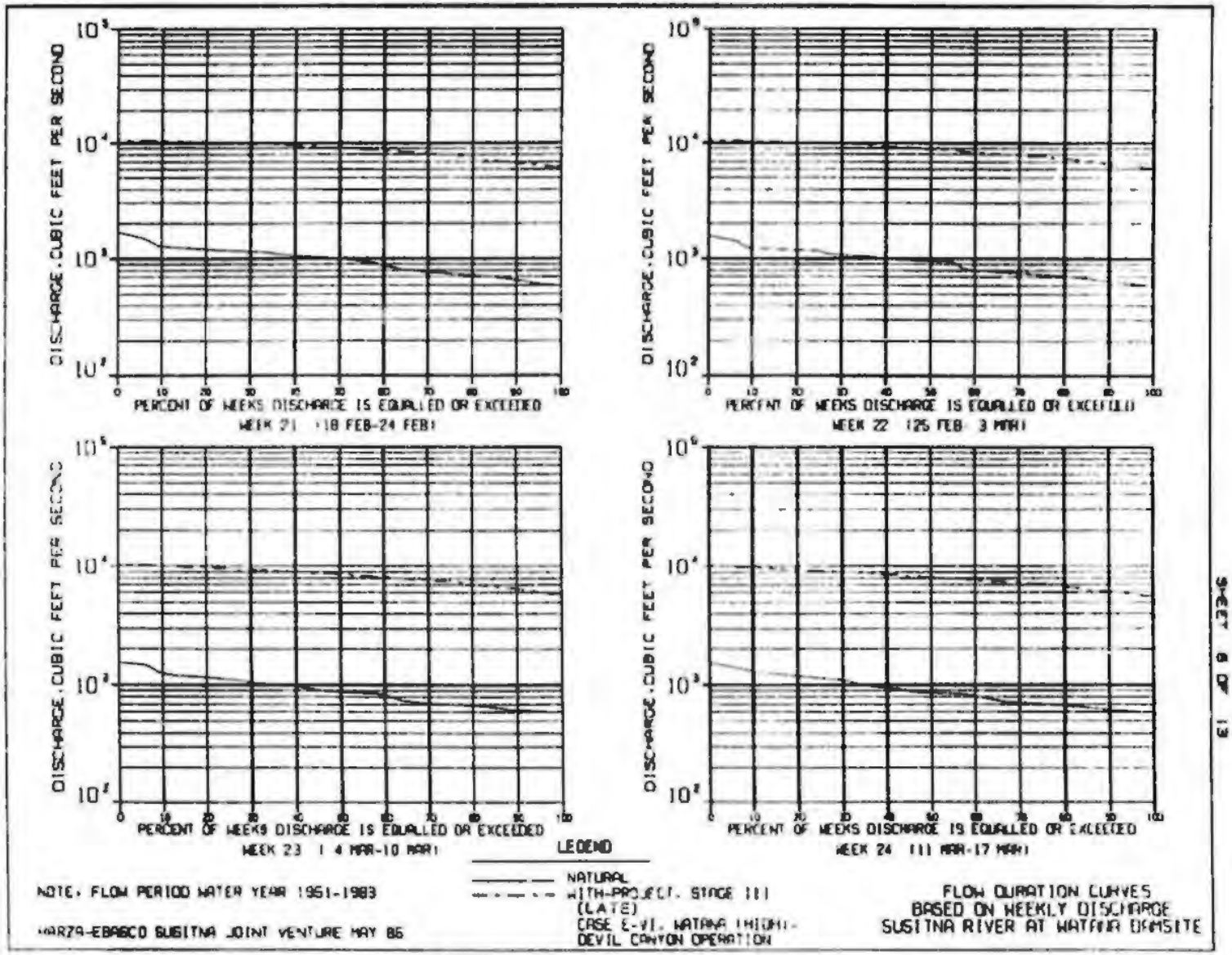


EXHIBIT 16
SHEET 8 OF 13

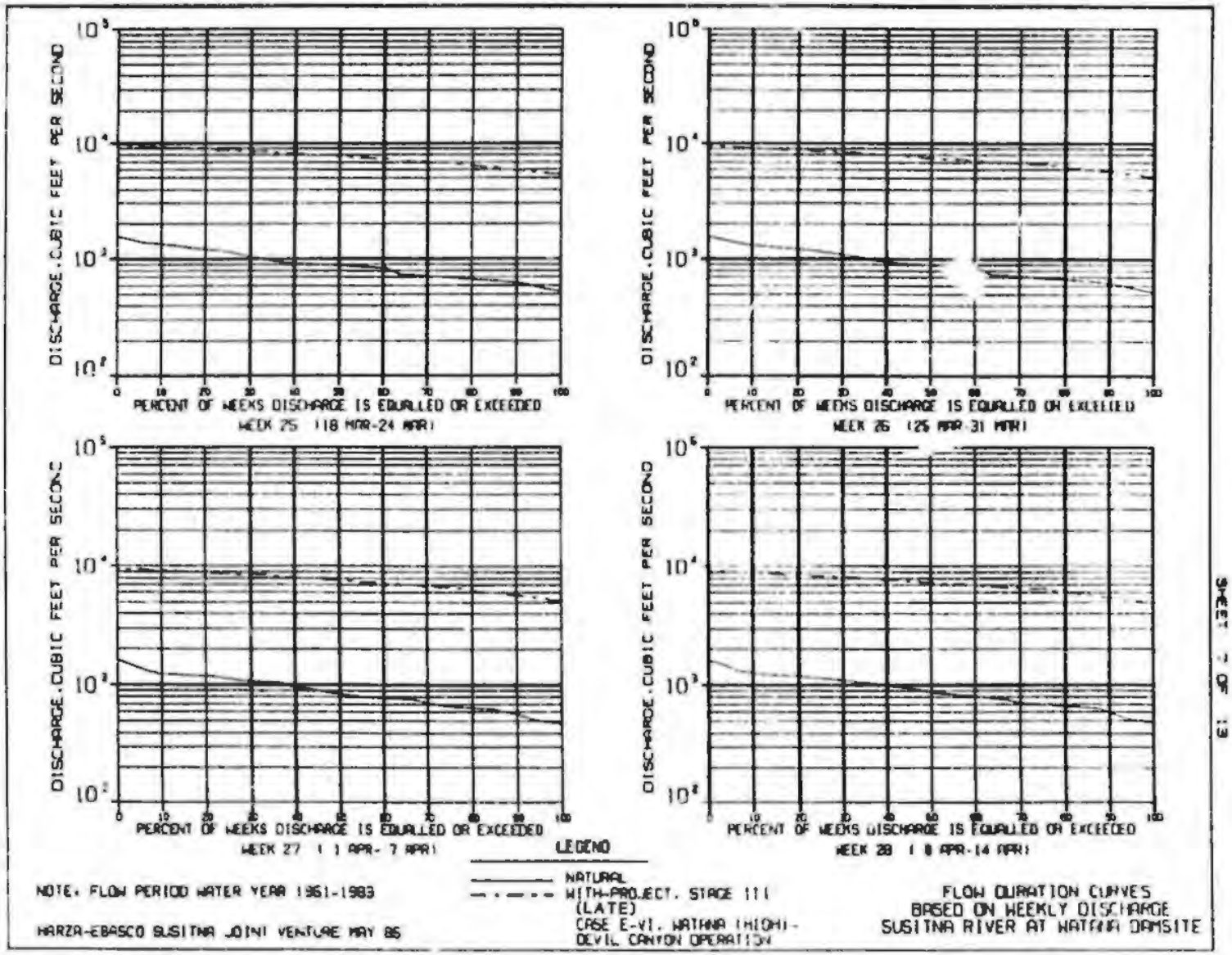


EXHIBIT 16
SHEET 2 OF 13

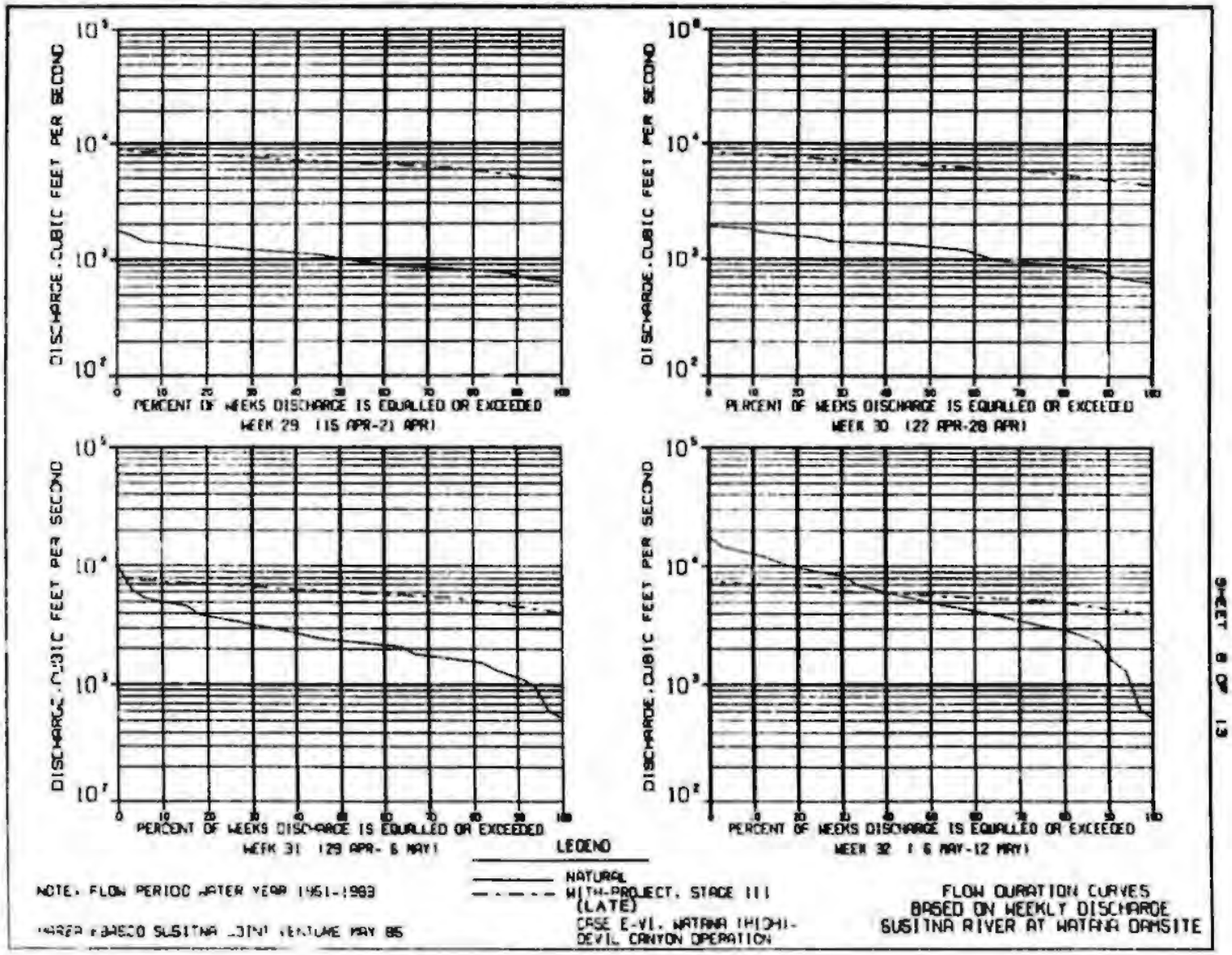


EXHIBIT 16
SHEET 8 OF 13

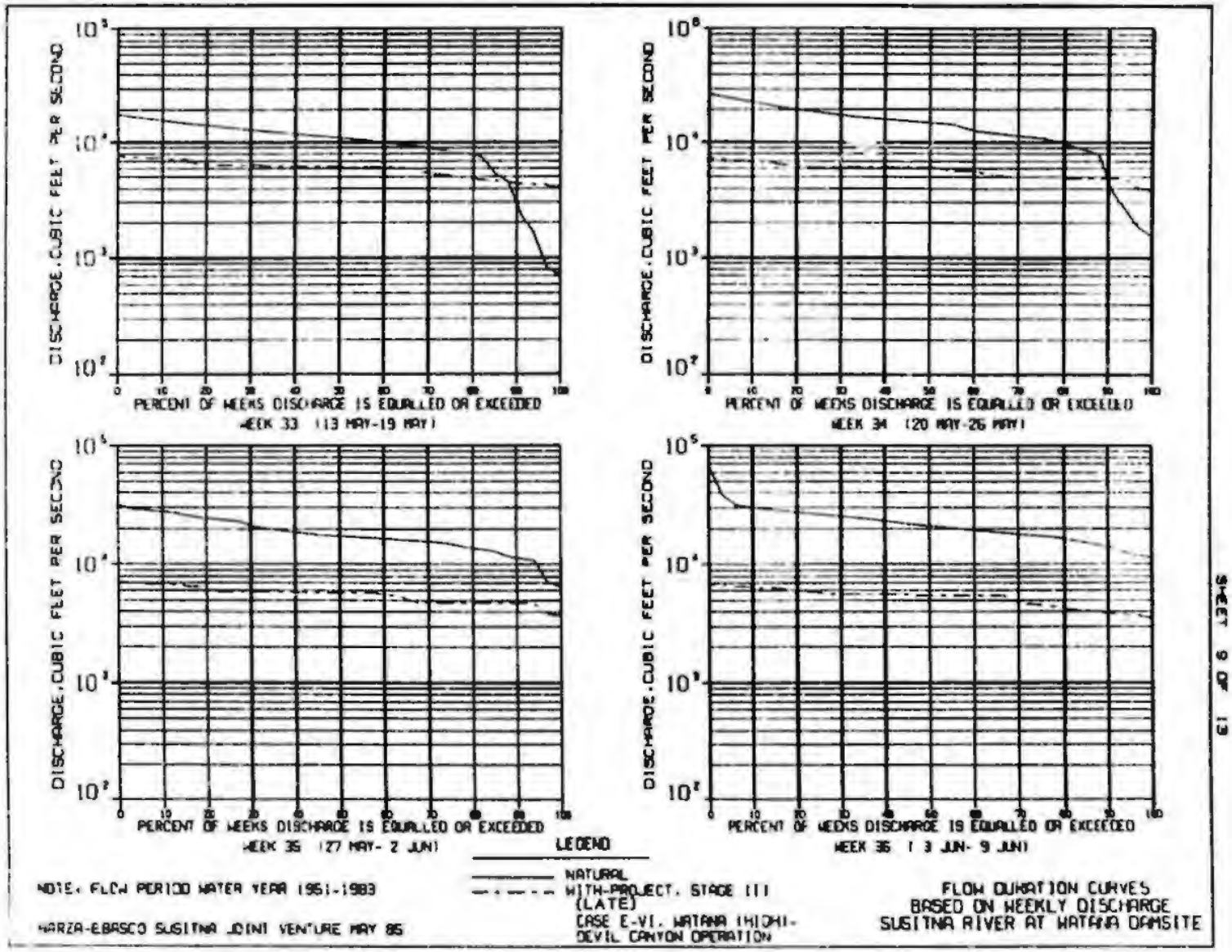


EXHIBIT 16
SHEET 9 OF 13

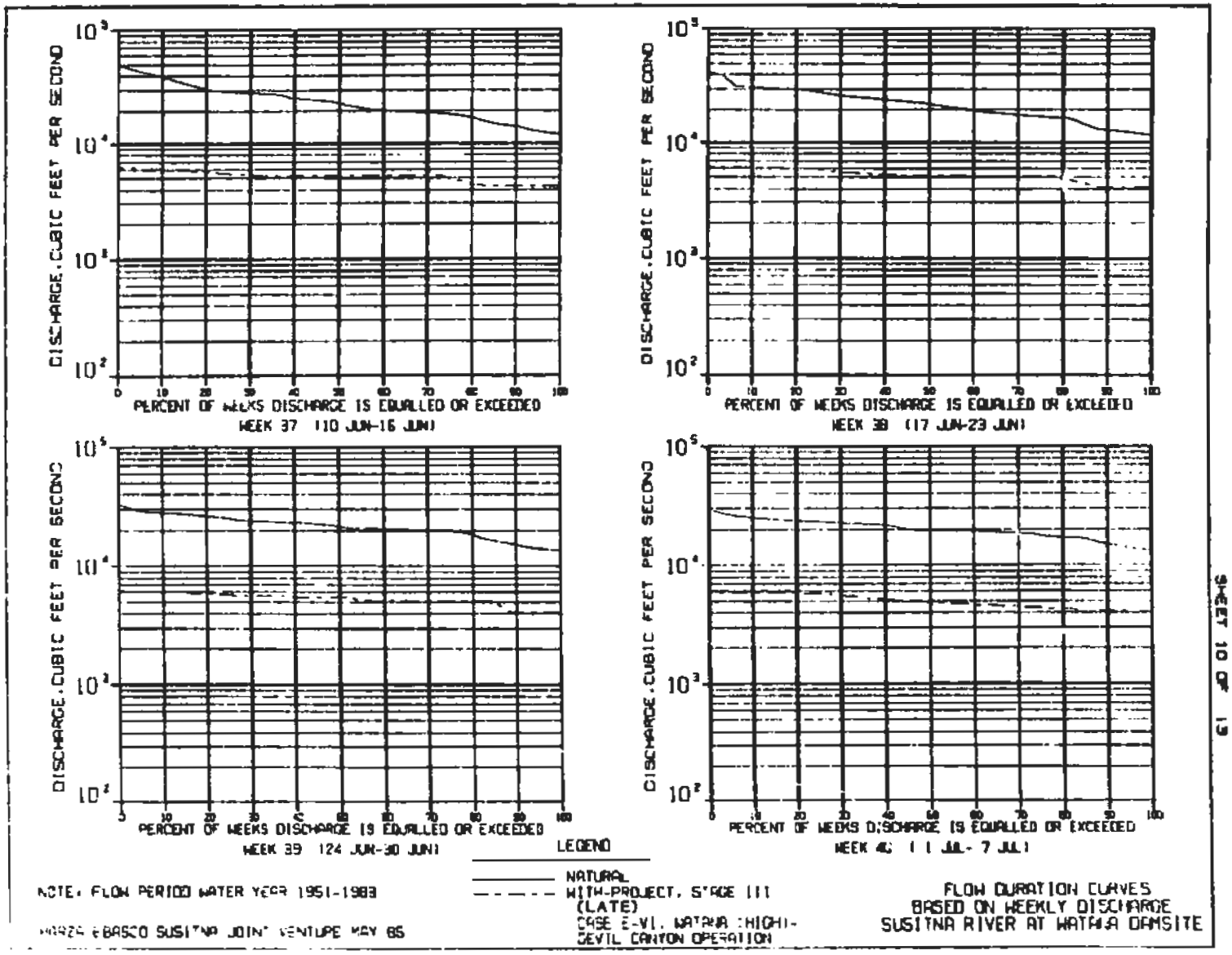


EXHIBIT 16
SHEET 10 OF 19

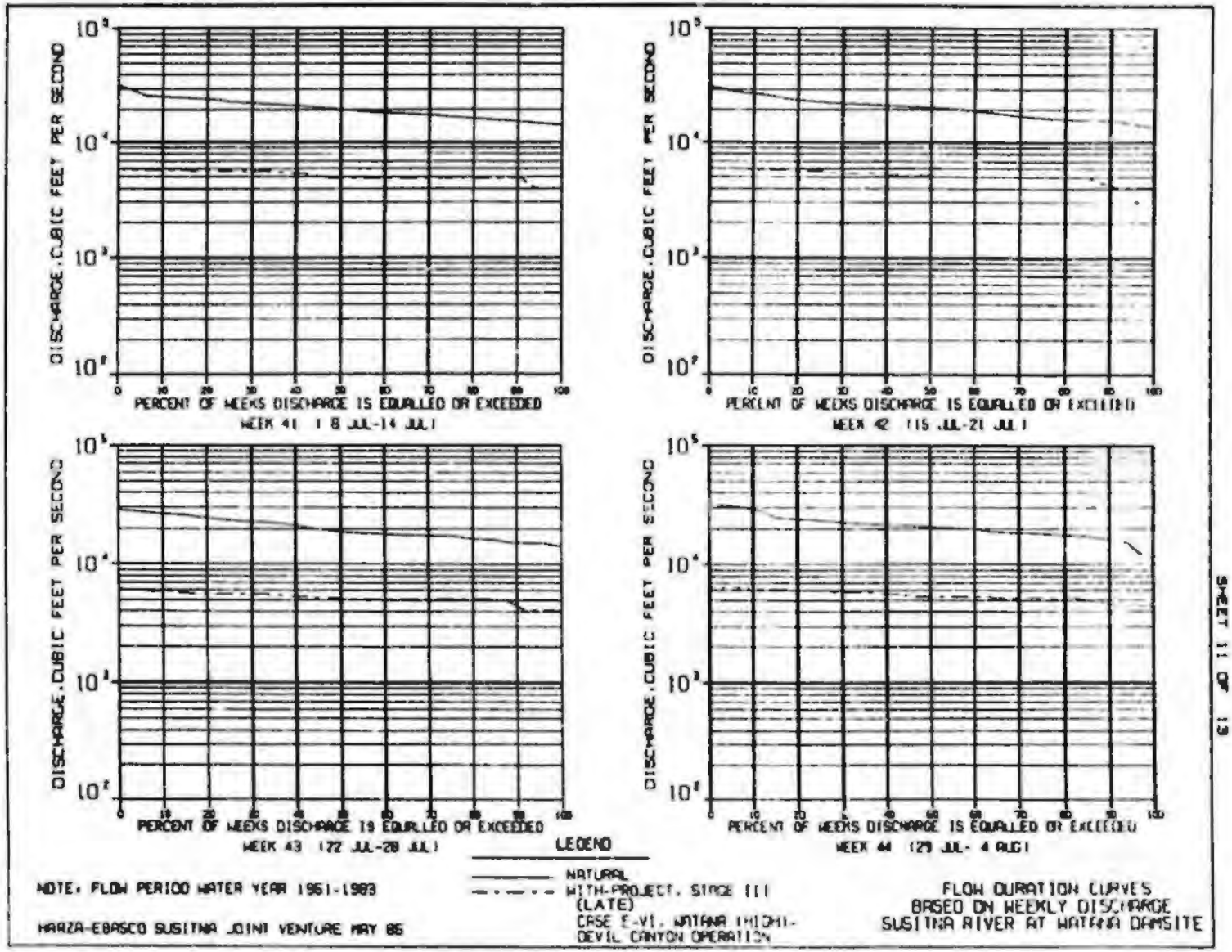
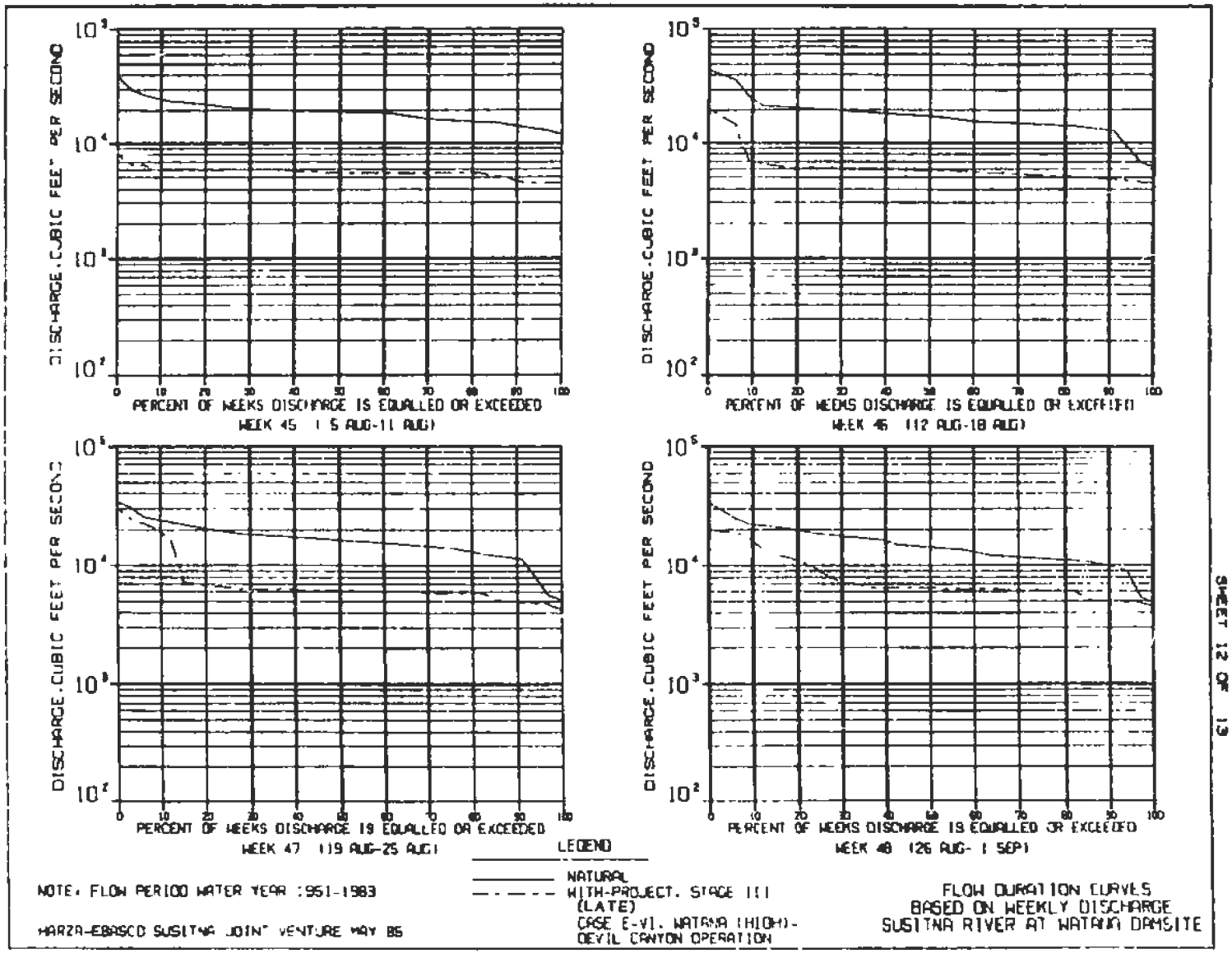


EXHIBIT 16
SHEET 11 OF 13



NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

FLOW DURATION CURVES
BASED ON WEEKLY DISCHARGE
SUSITNA RIVER AT WATANA DAMSITE

EXHIBIT 19
SHEET 12 OF 13

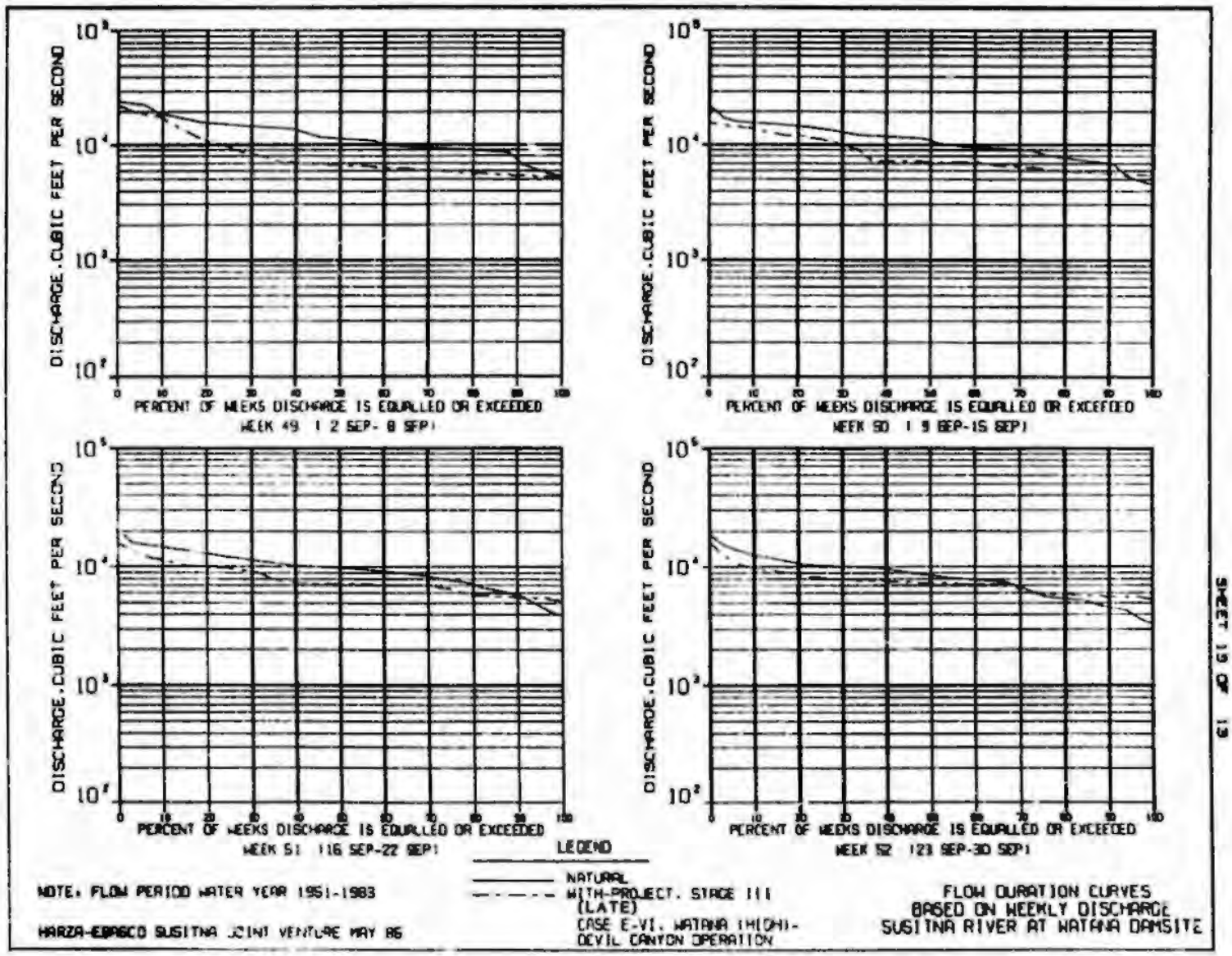
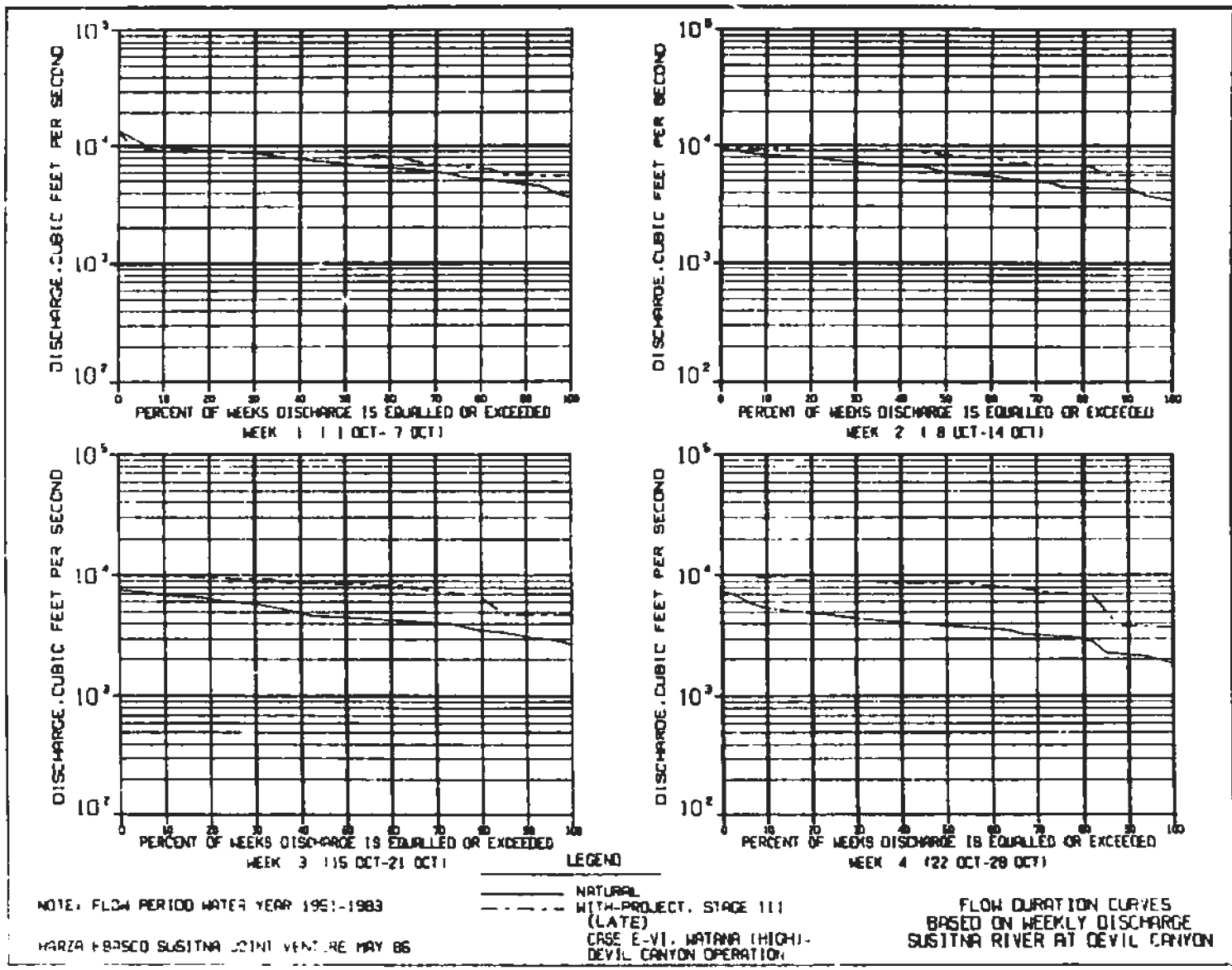


EXHIBIT 16
SHEET 15 OF 15



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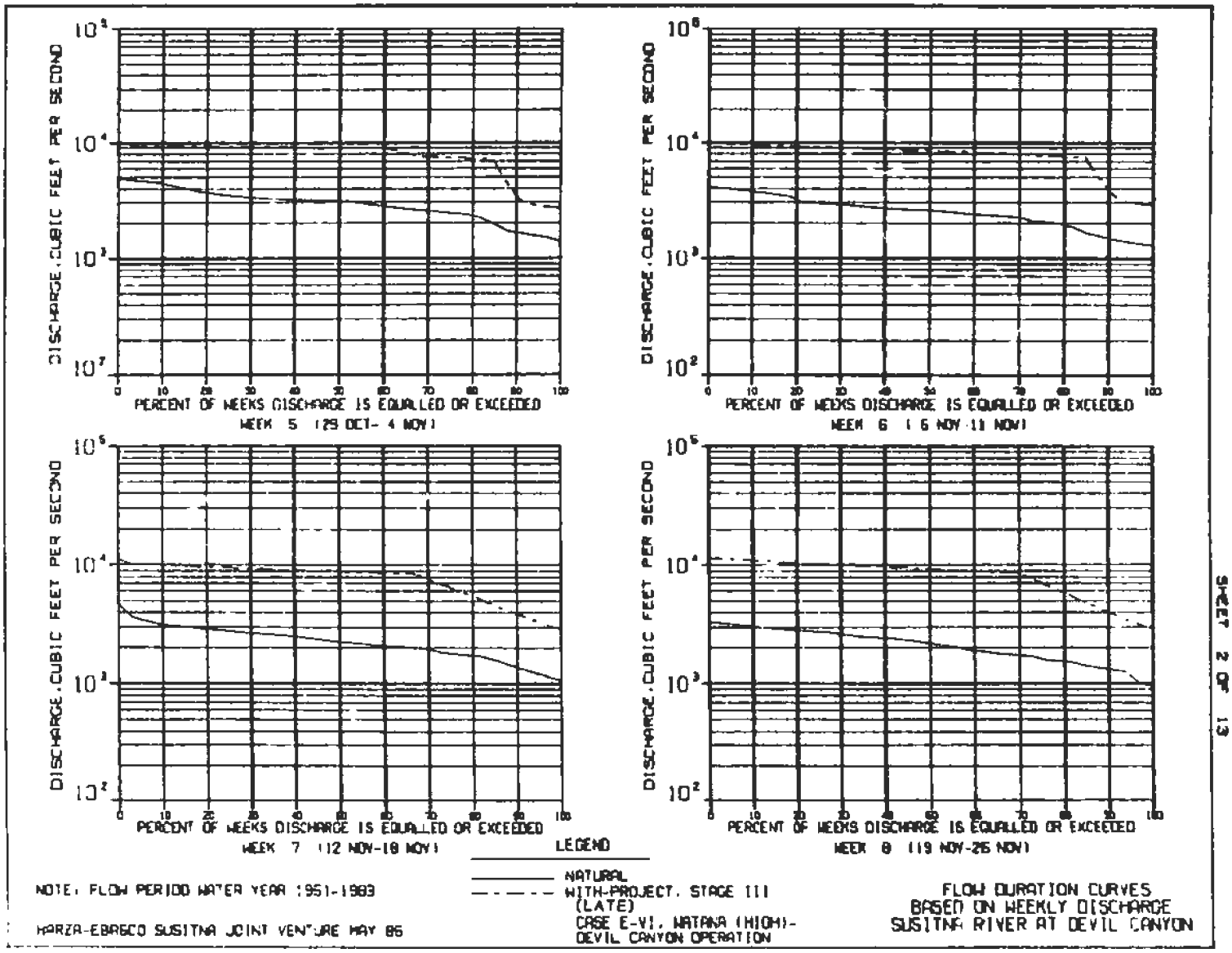
SHEET 1 OF 13



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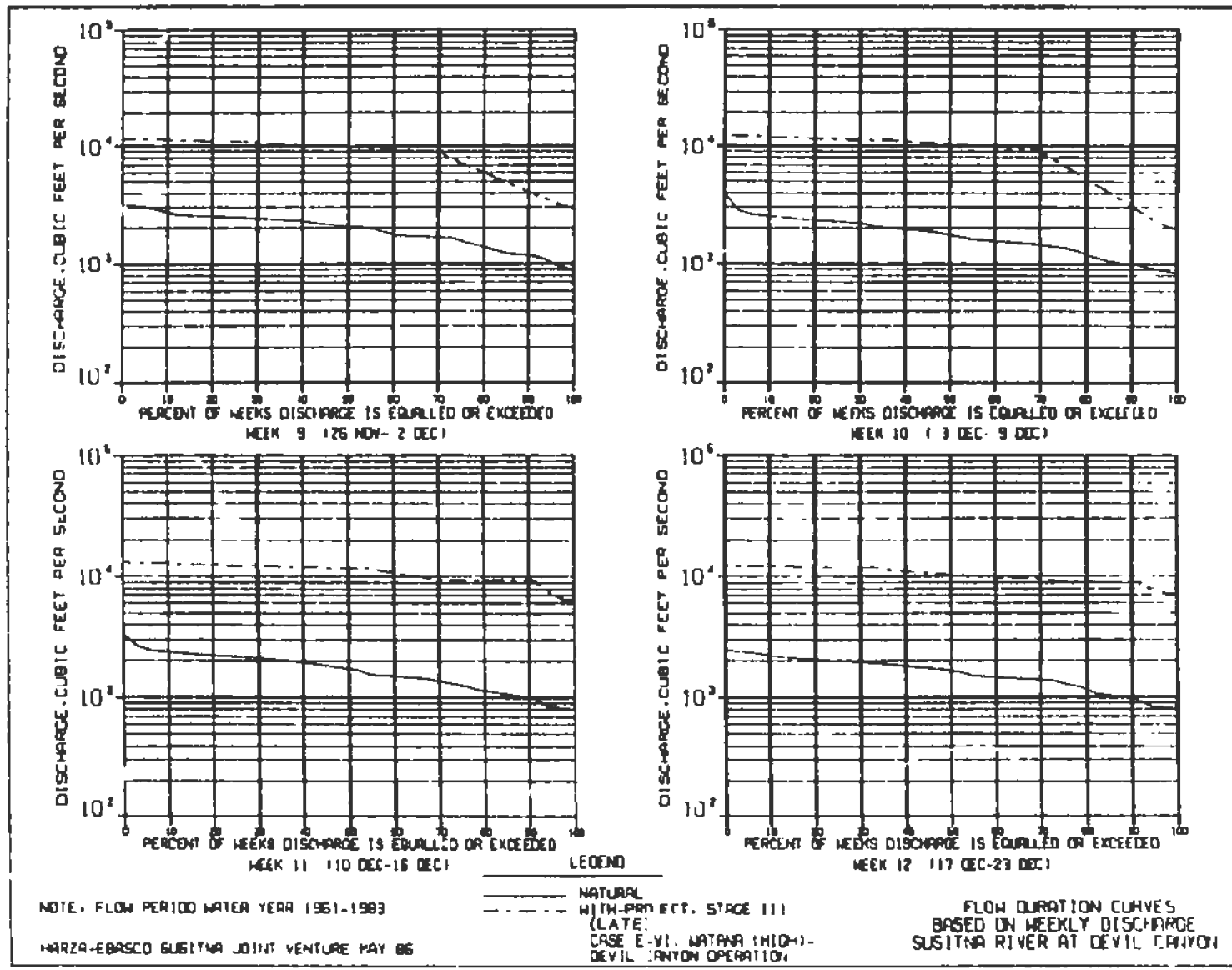
SHEET 2 OF 13



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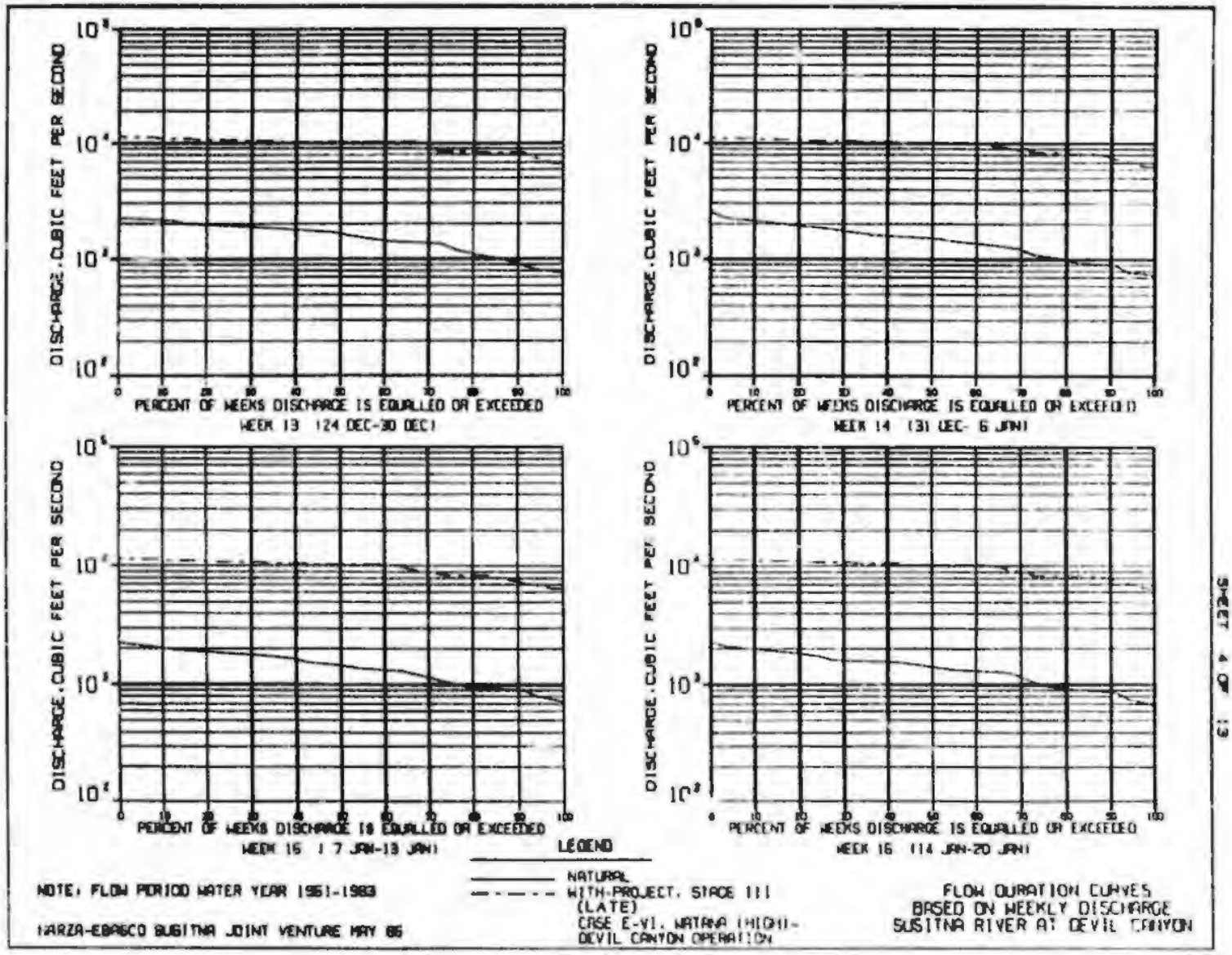
SHEET 6 OF 13



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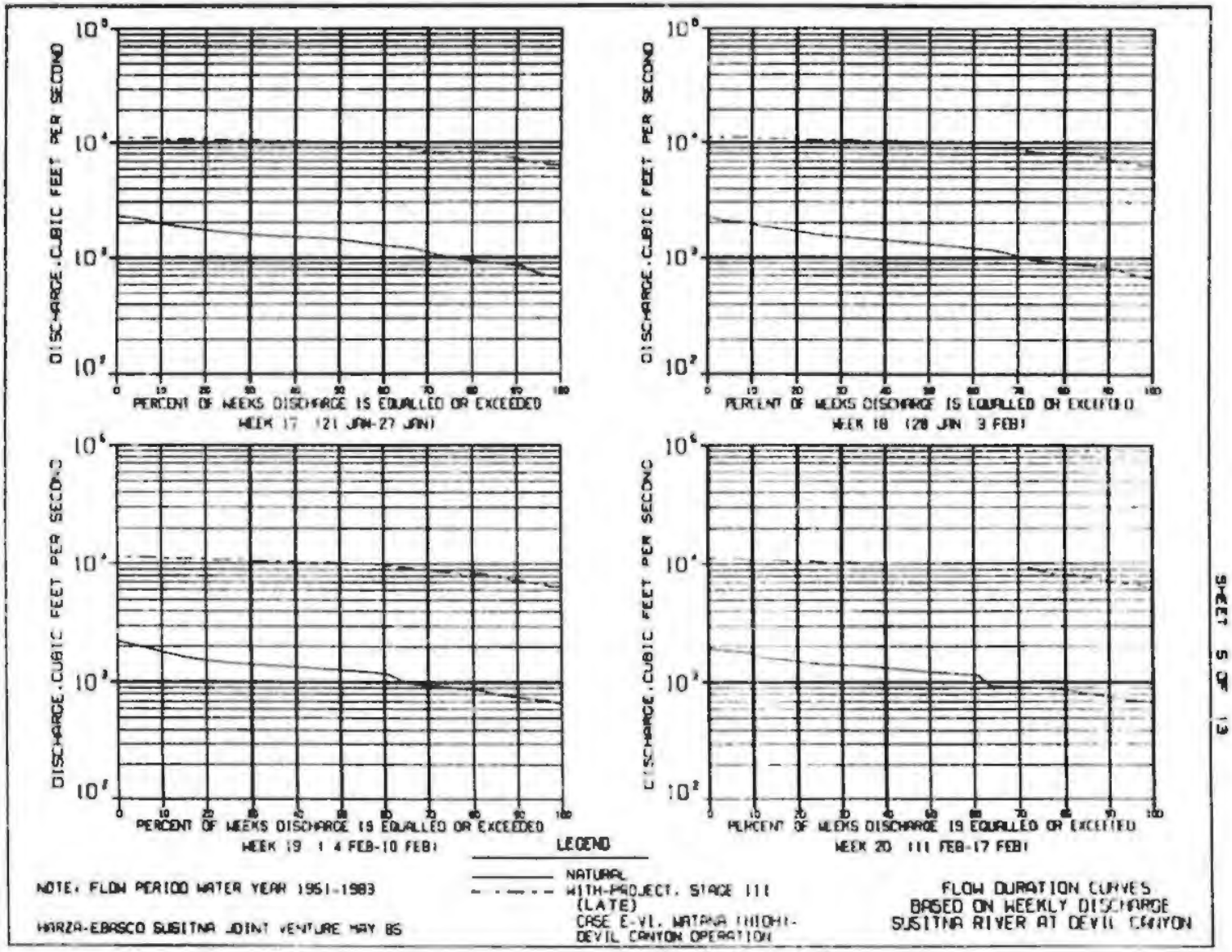

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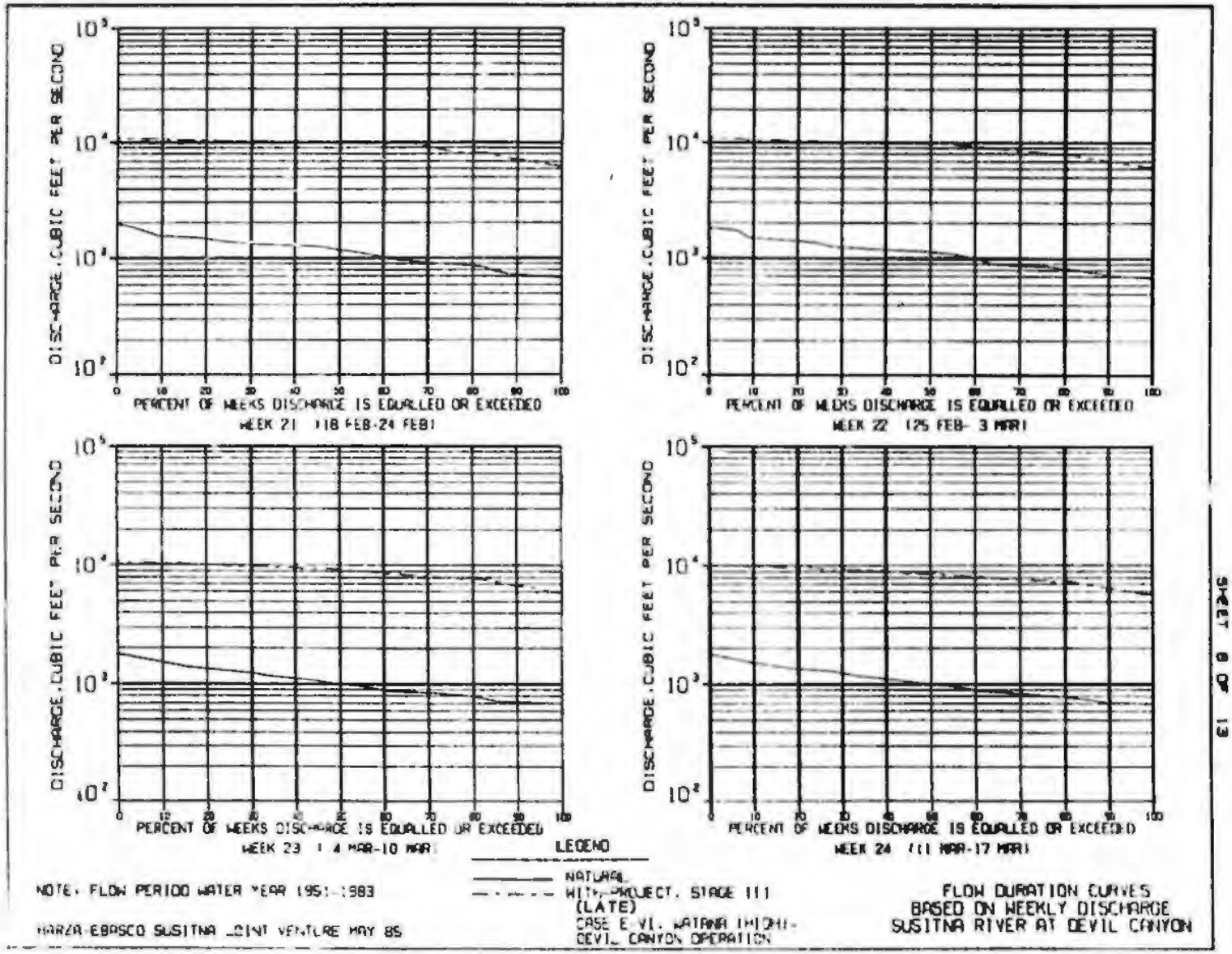
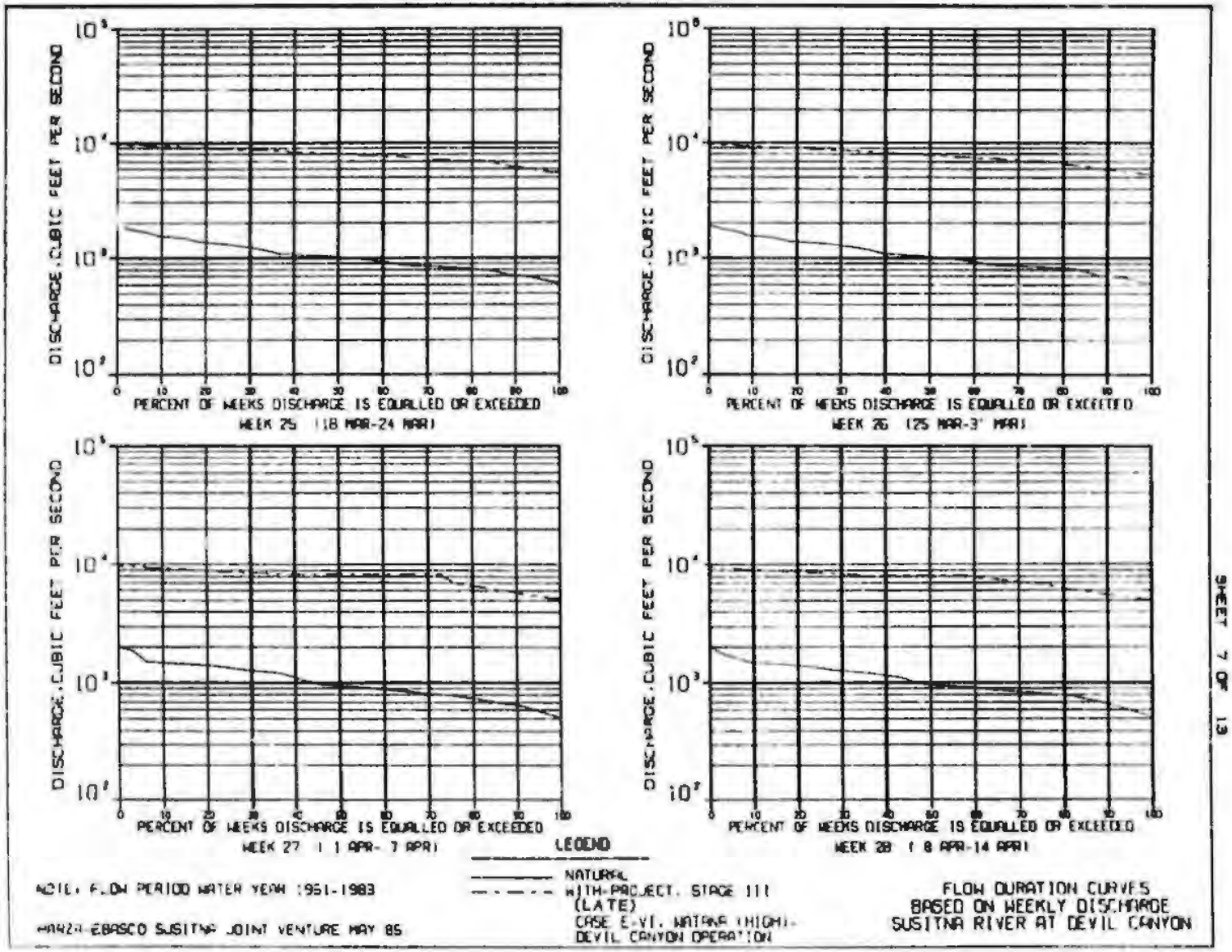


EXHIBIT 17
PAGE 8 OF 13



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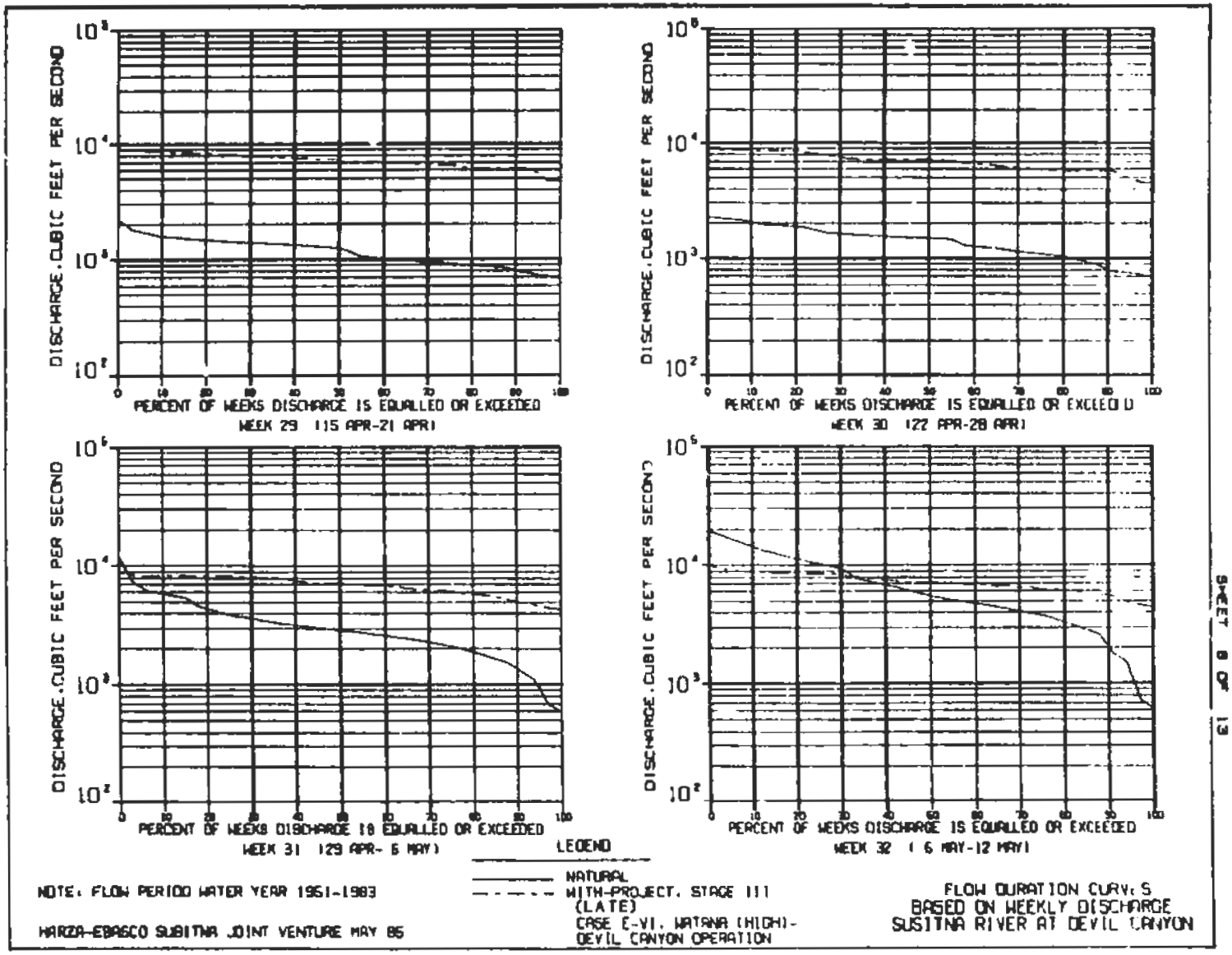
SHEET 7 OF 13



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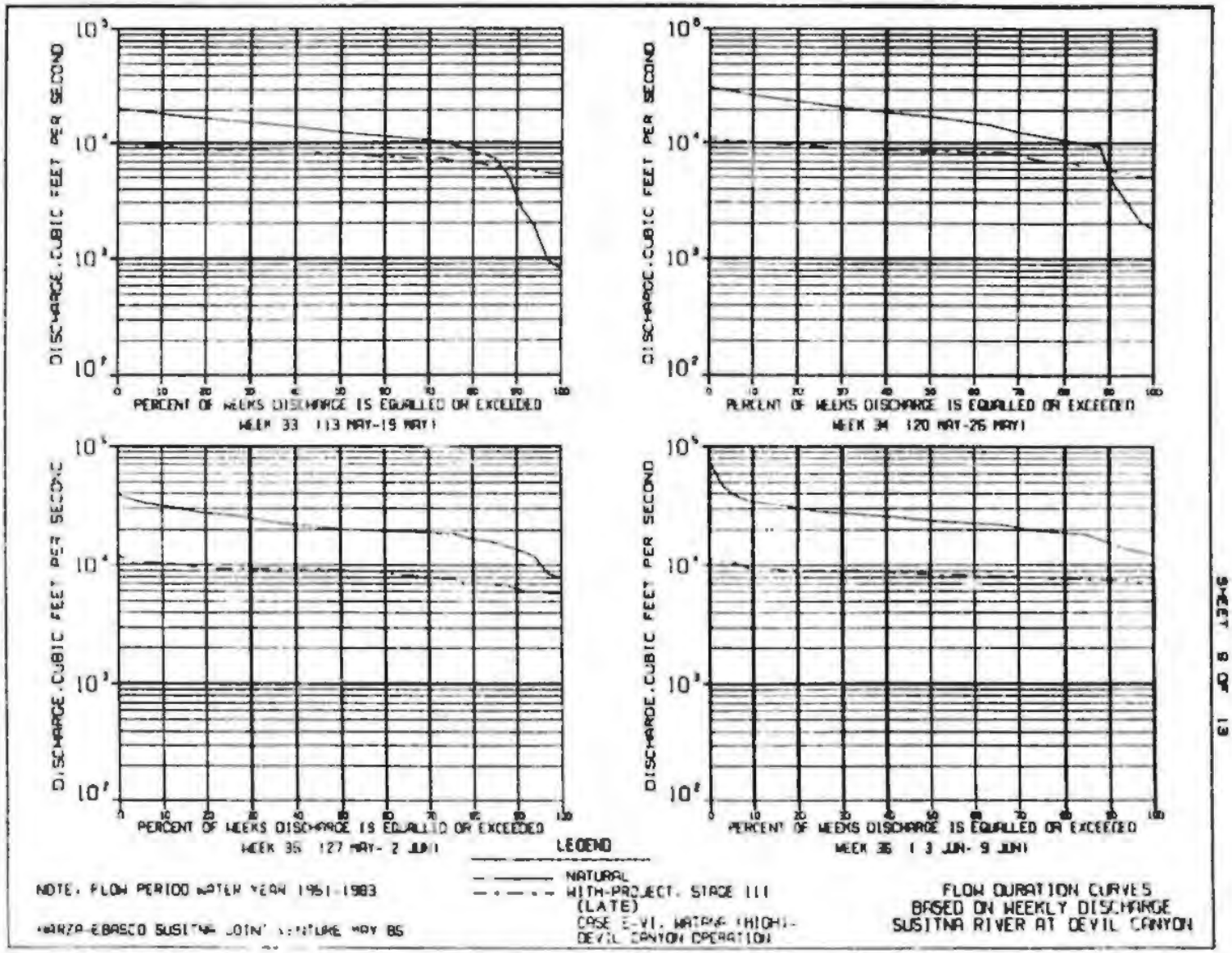
SHEET 8 OF 13



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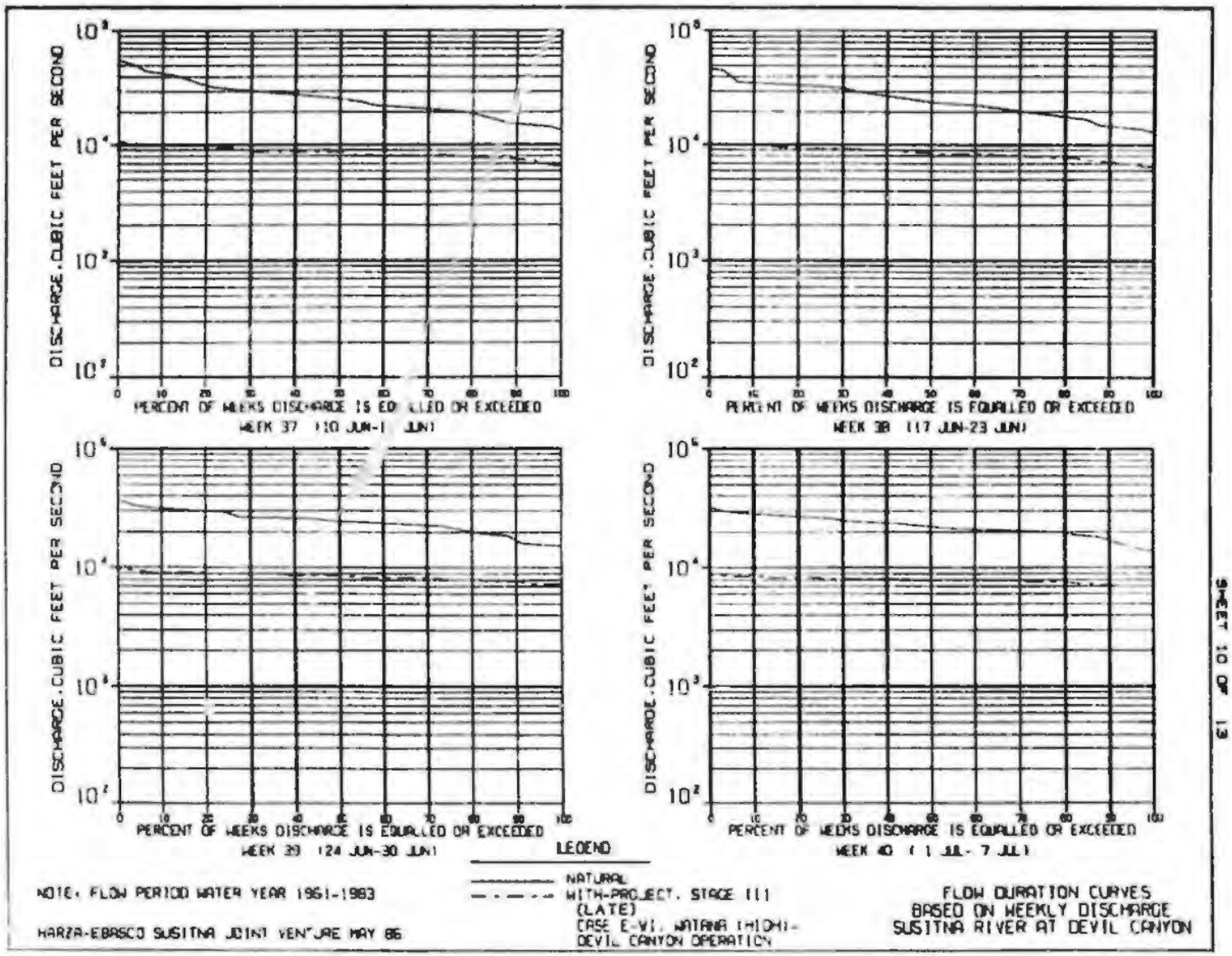
SHEET 8 OF 13



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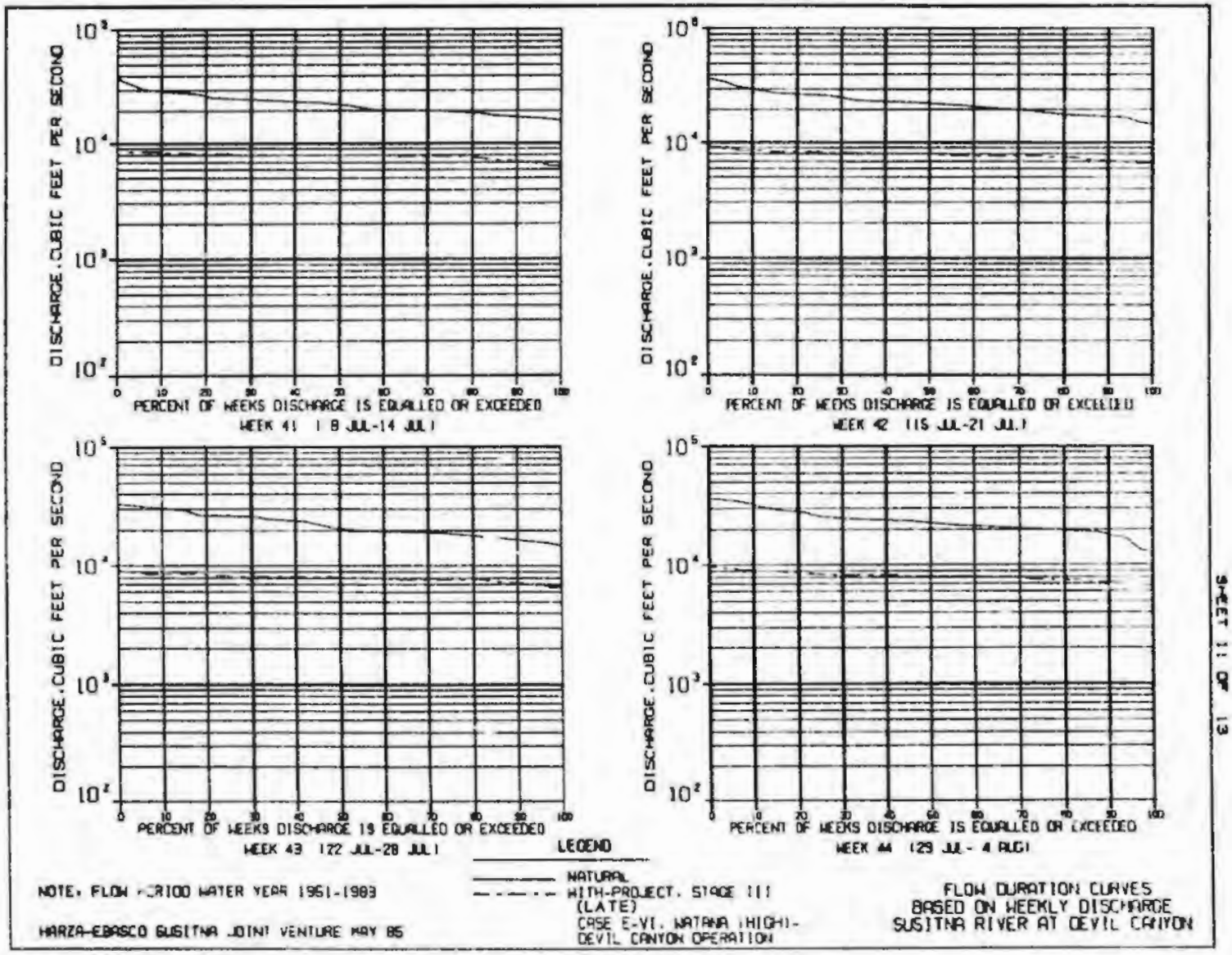
SHEET 10 OF 13



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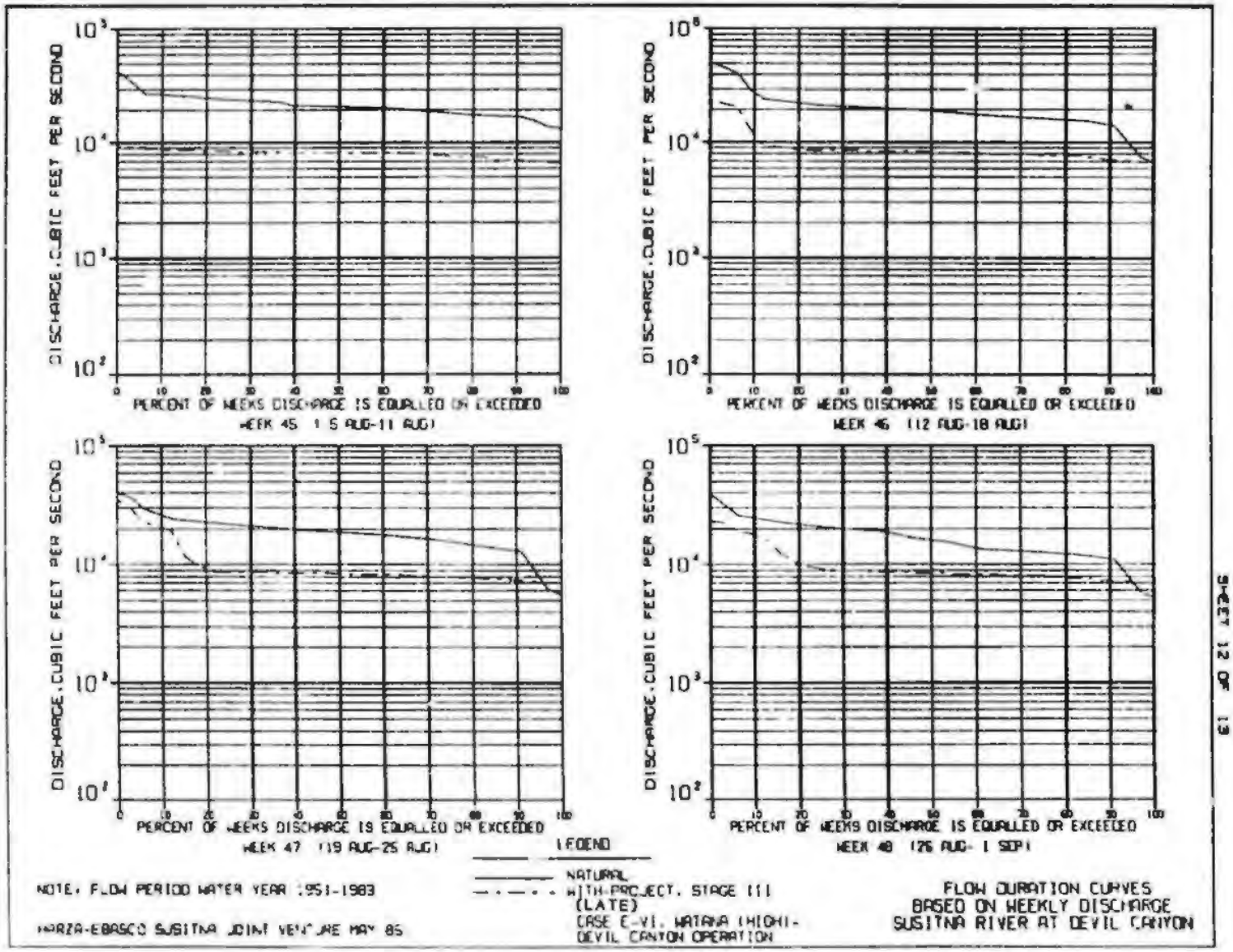
SHEET 11 OF 13



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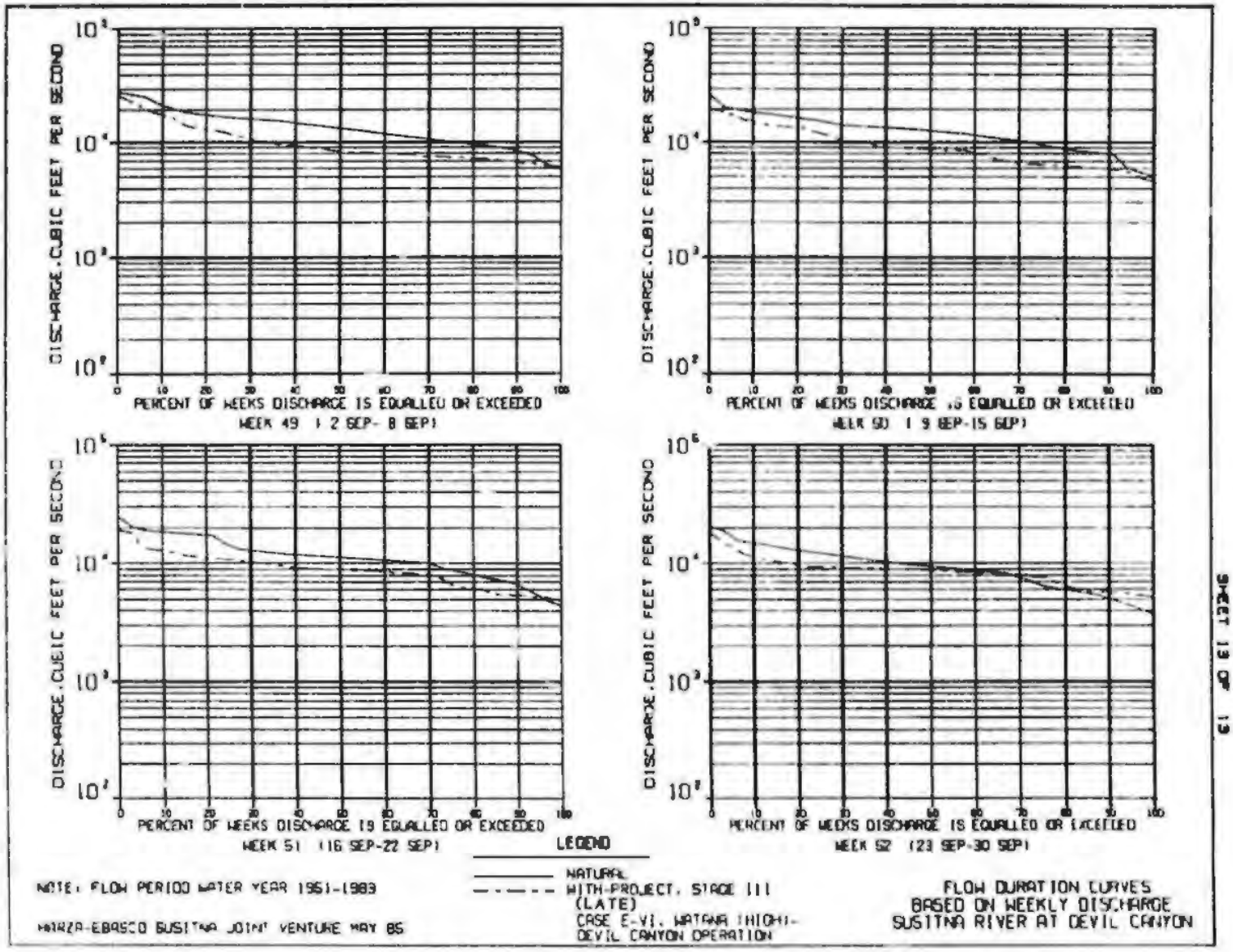
SHEET 12 OF 13



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SHEET 13 OF 13

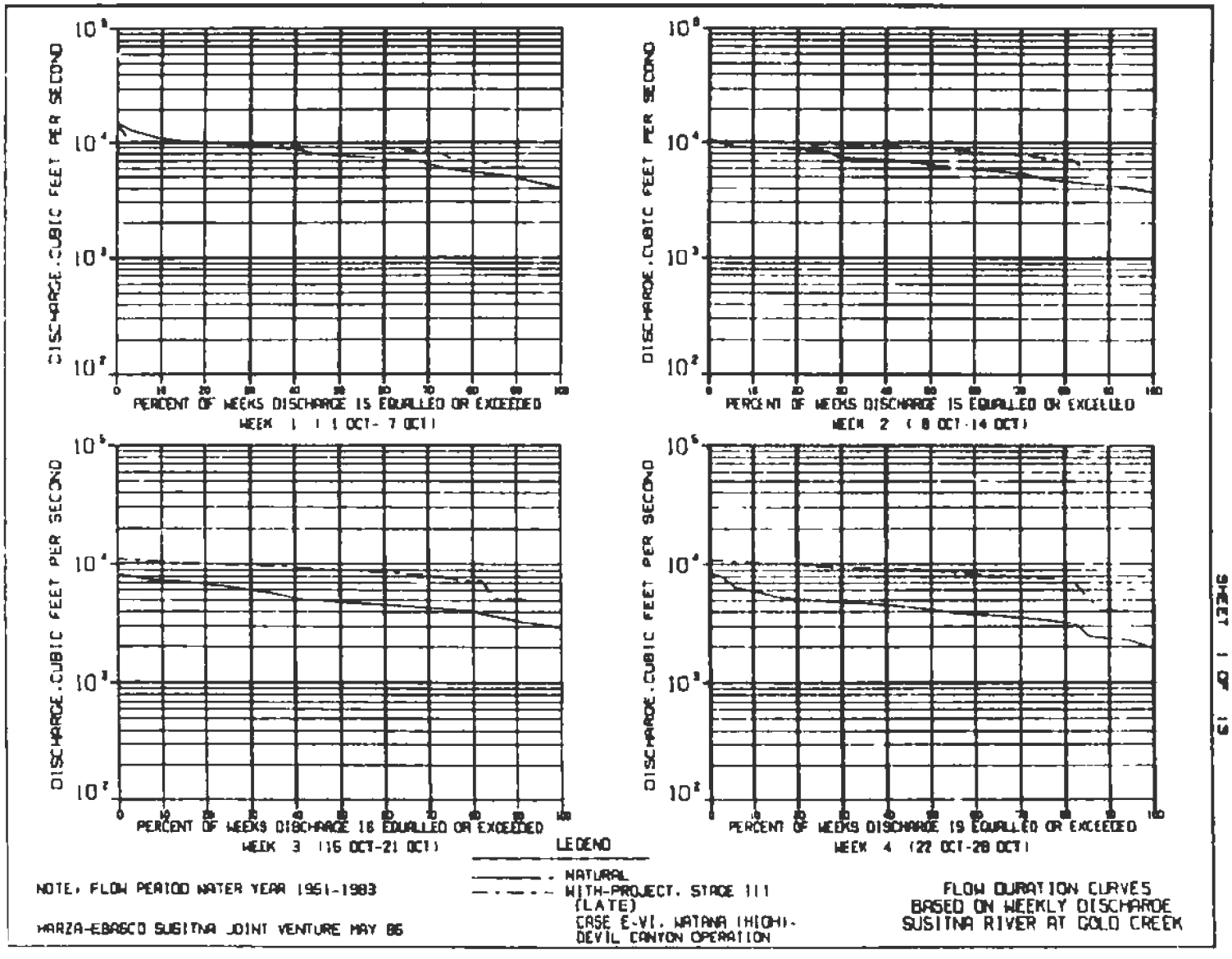
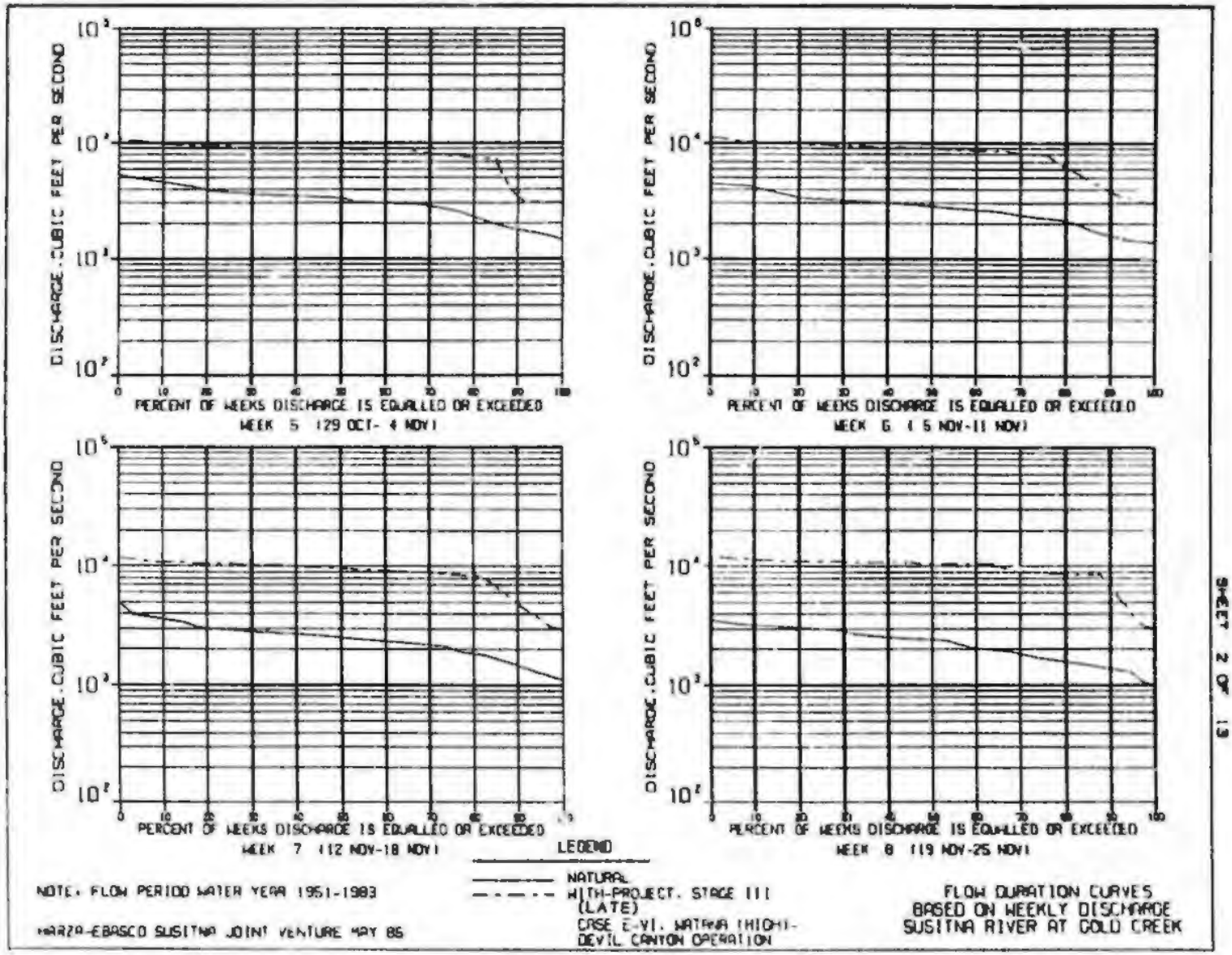


EXHIBIT 18
SHEET 1 OF 13



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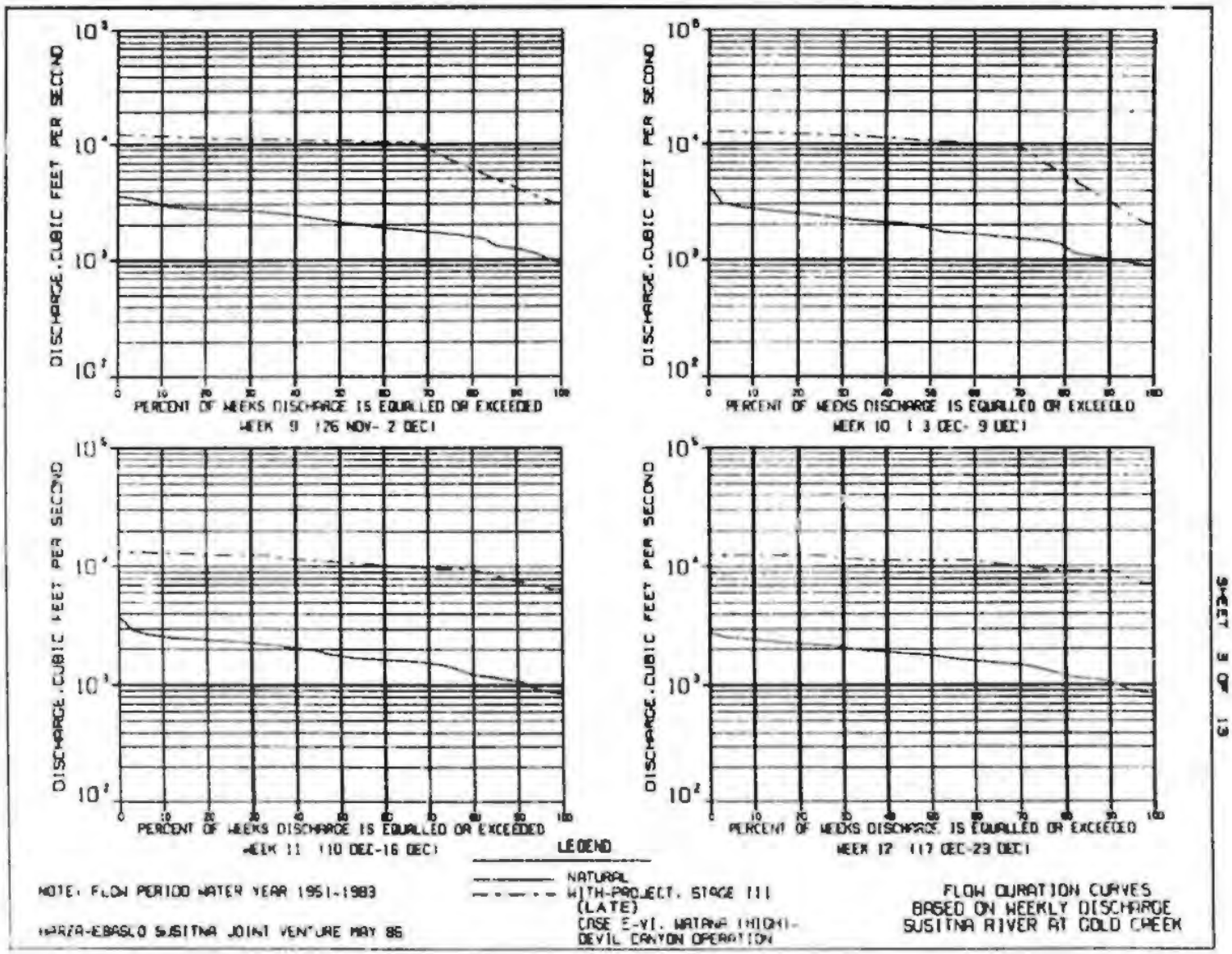
SHEET 2 OF 13



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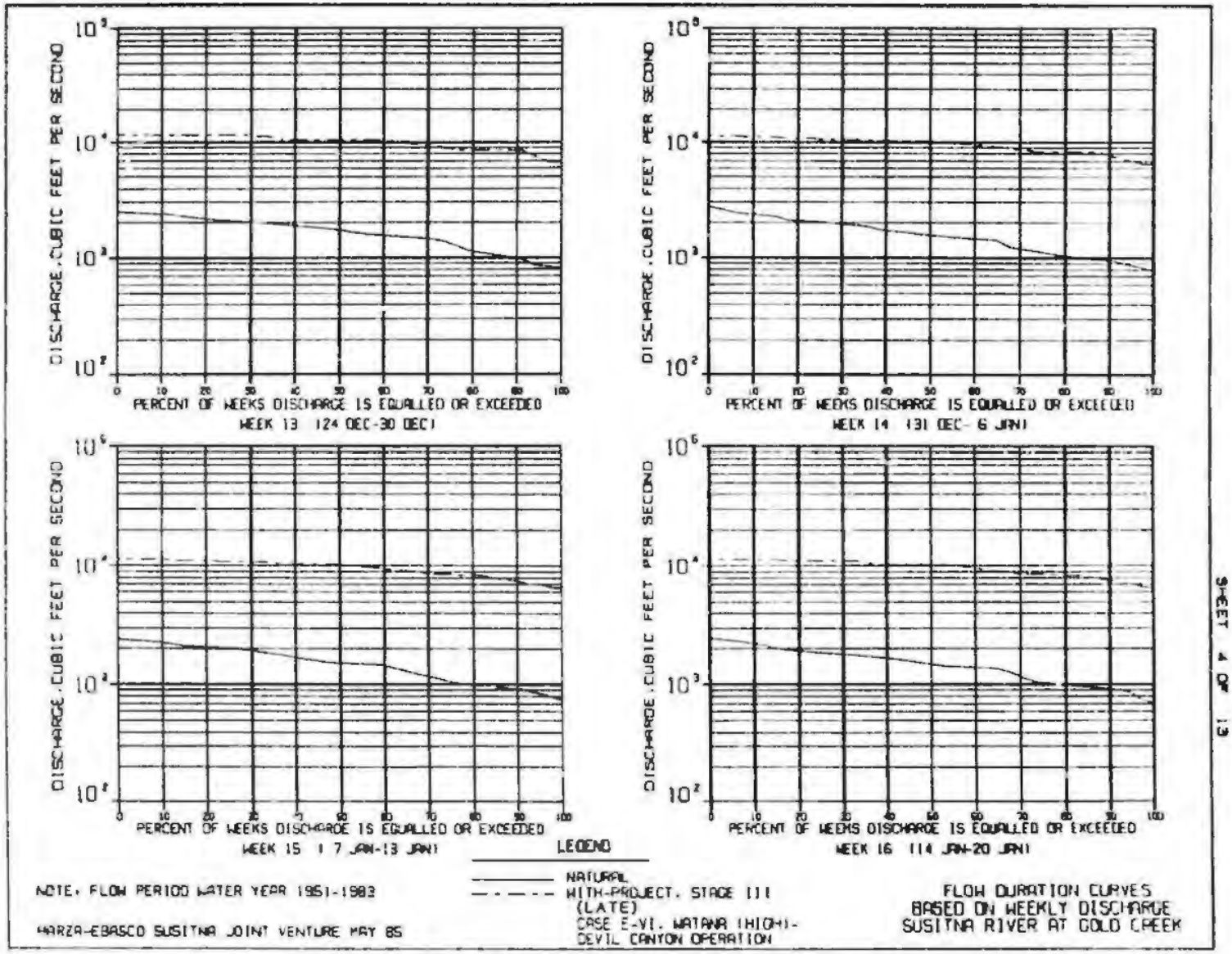

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SHEET 4 OF 13

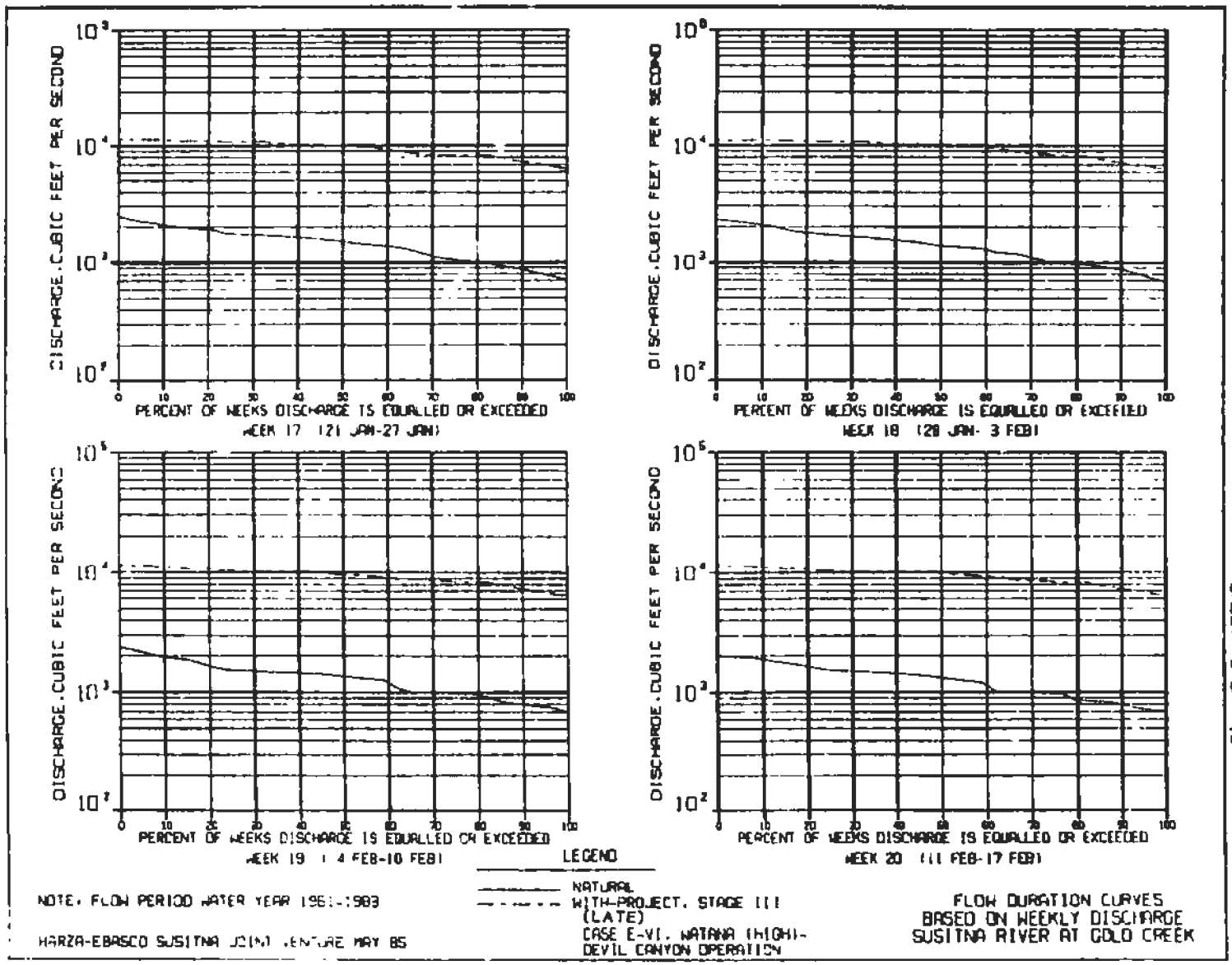
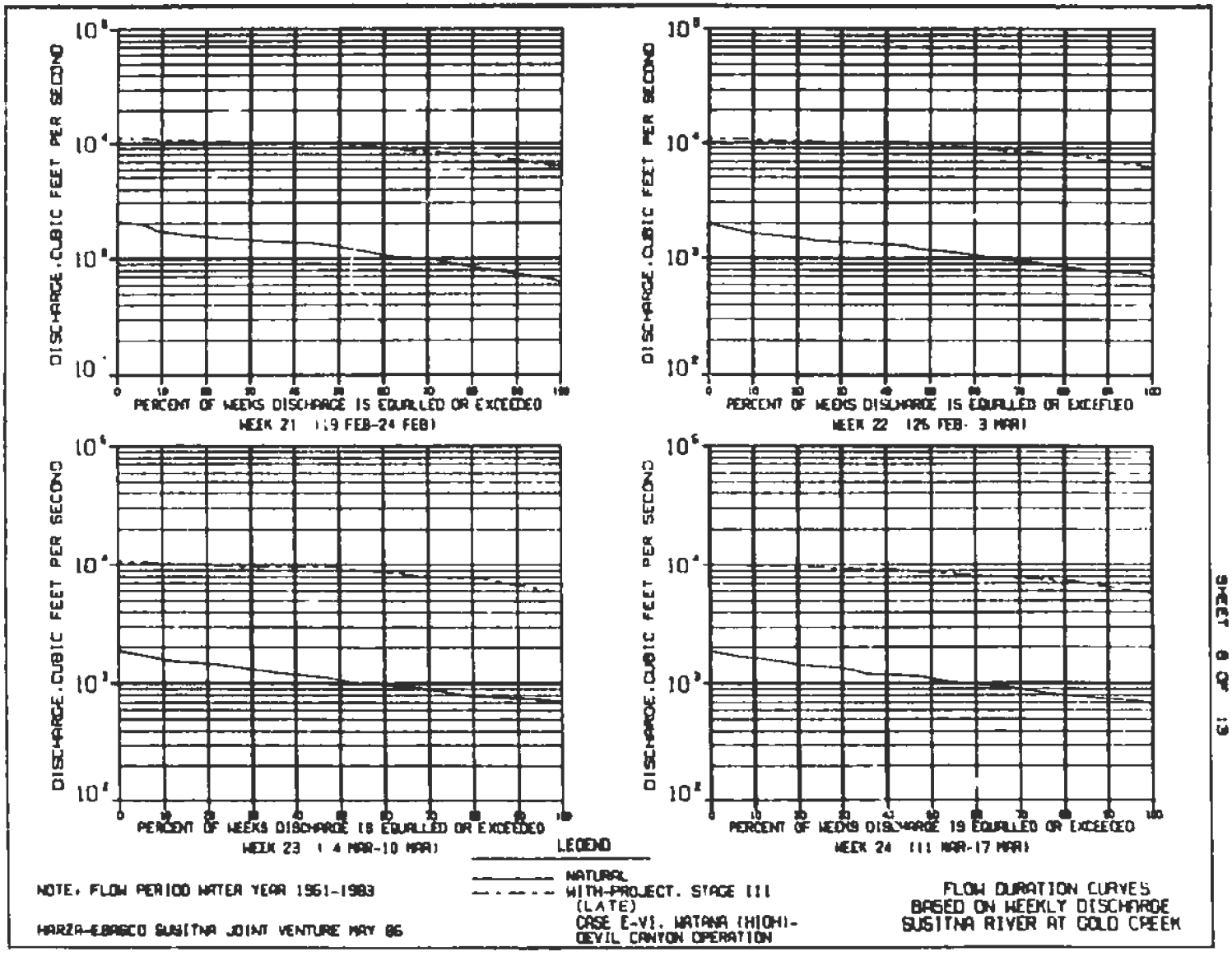


EXHIBIT 18
SHEET 8 OF 13



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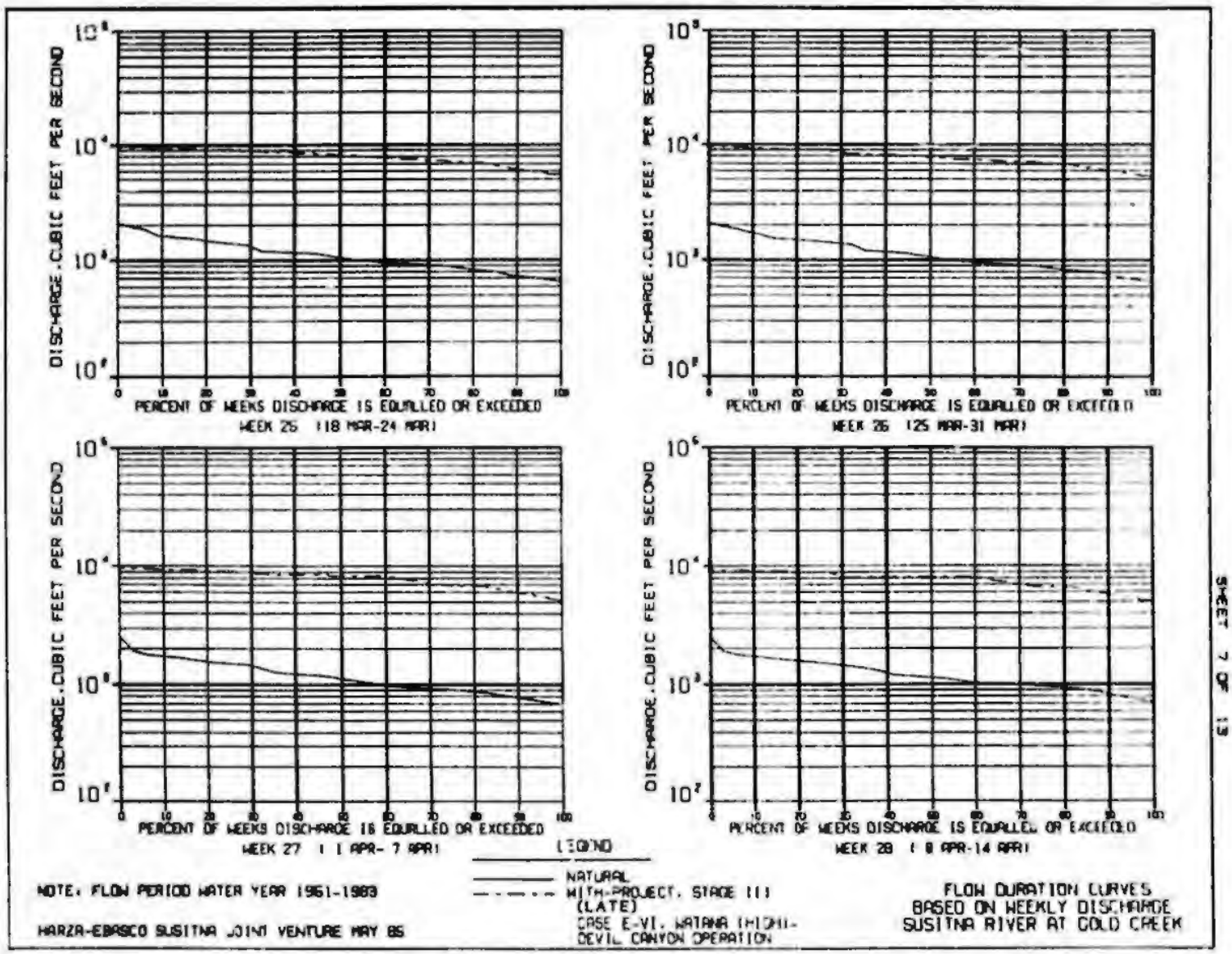
SHEET 8 OF 13



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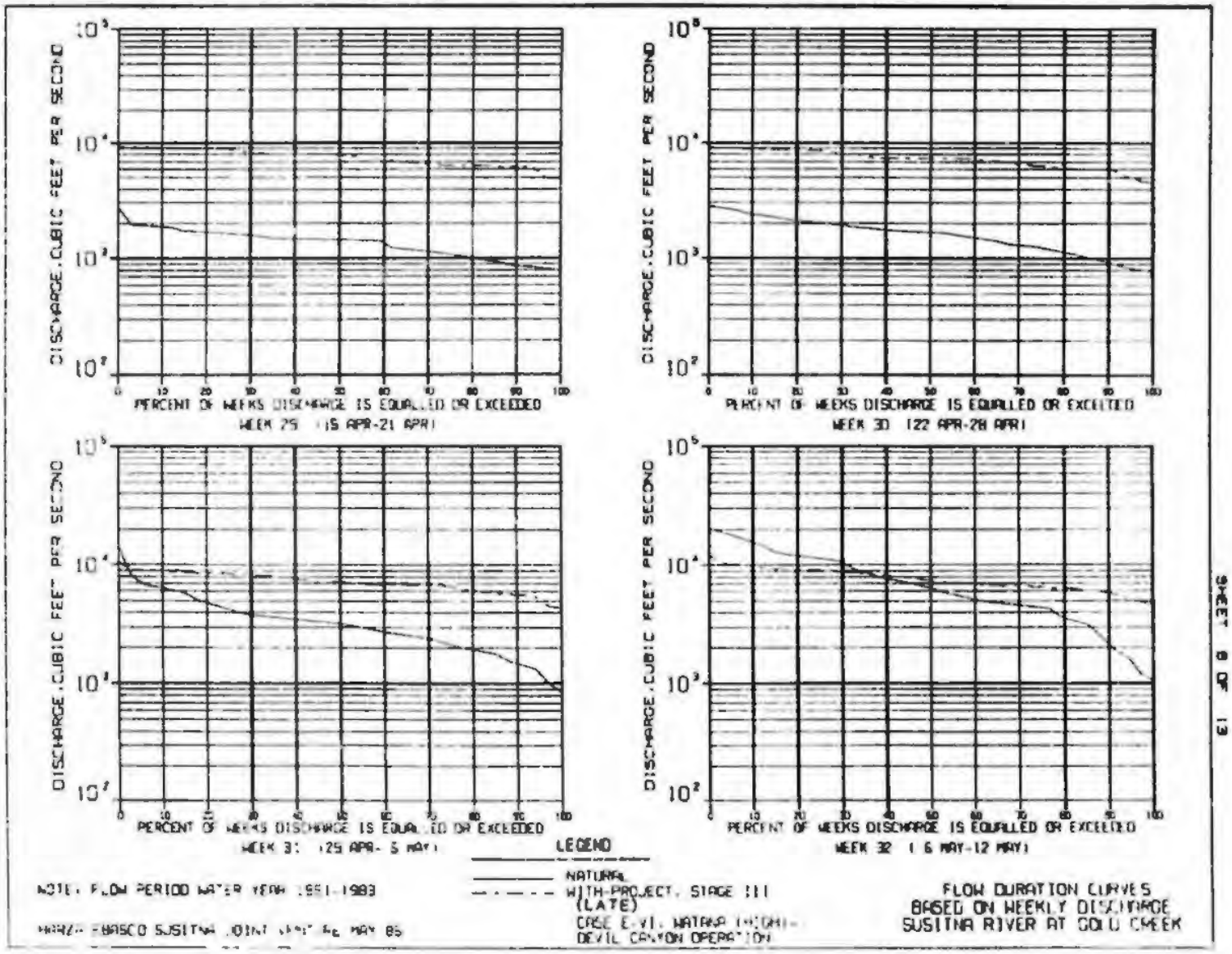
SHEET 7 OF 13



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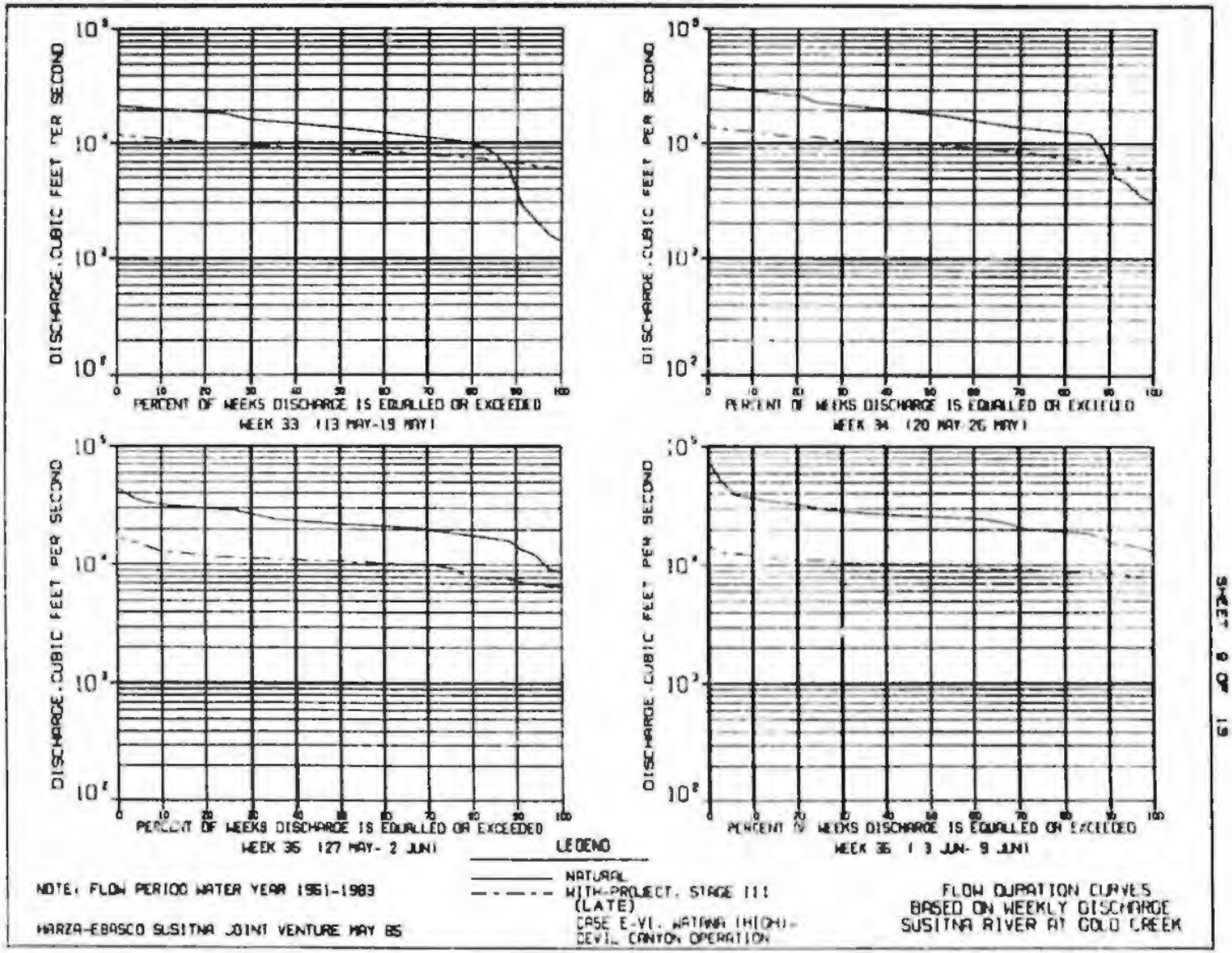
SHEET 8 OF 13



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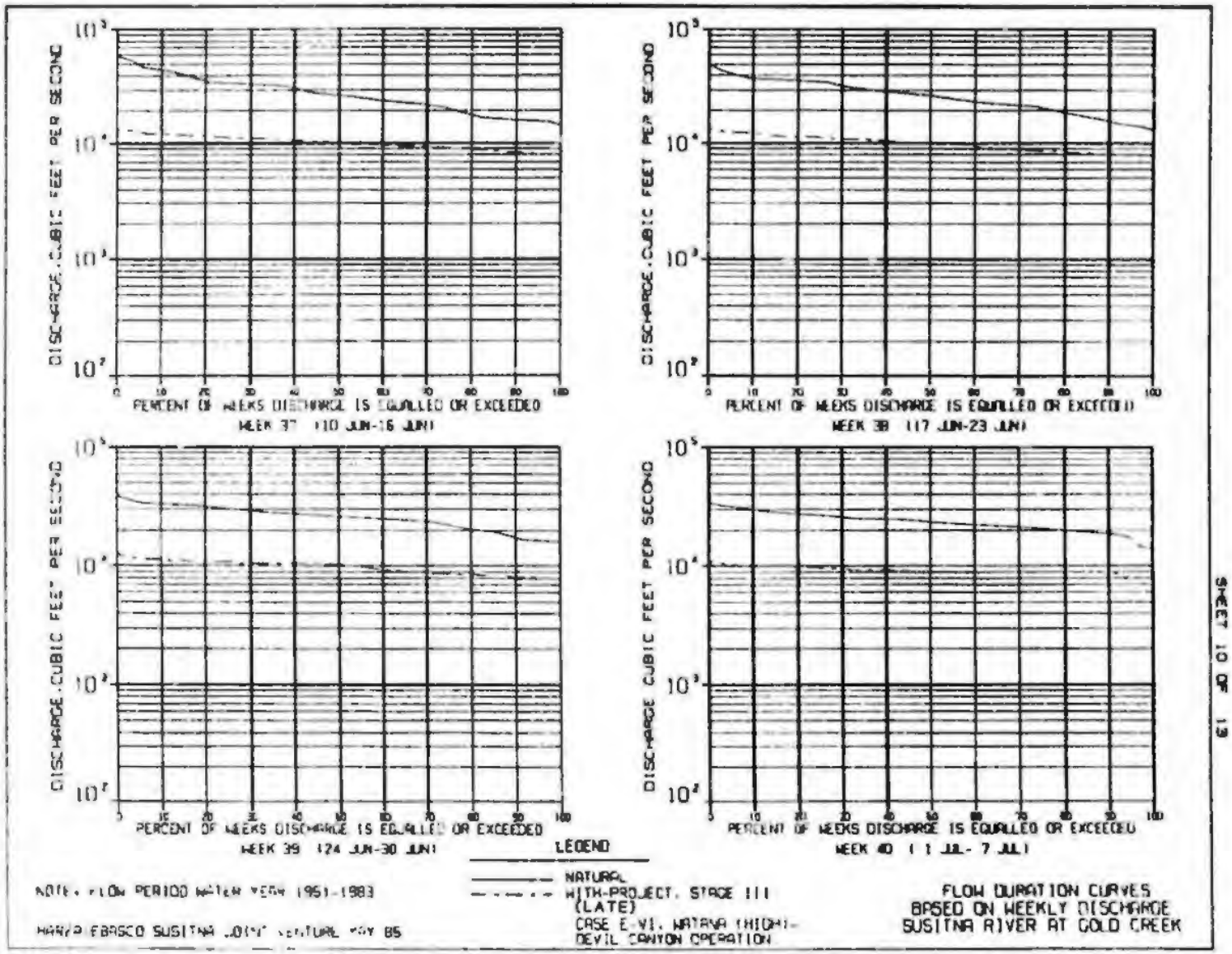
SHEET 8 OF 15



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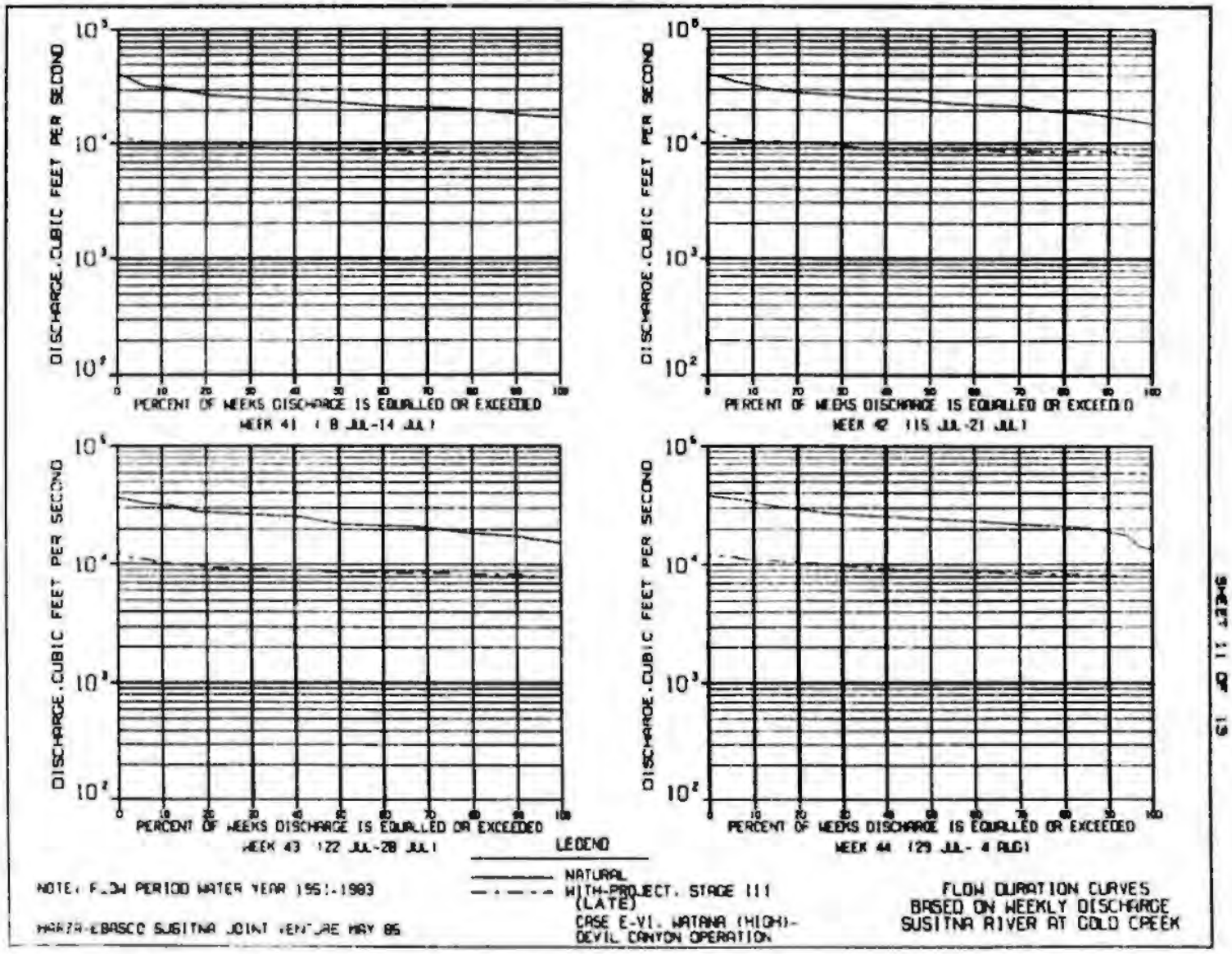

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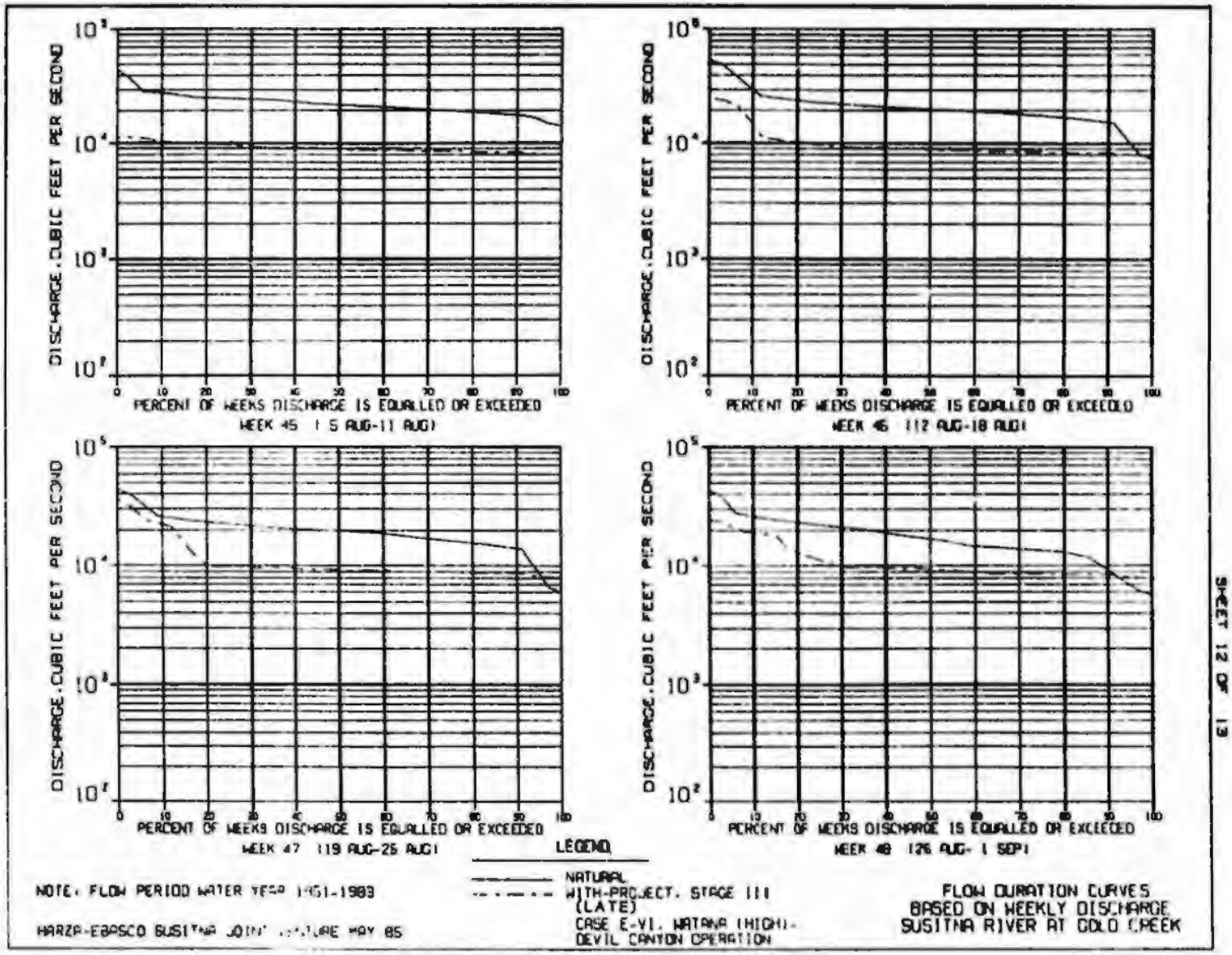
SHEET 11 OF 13

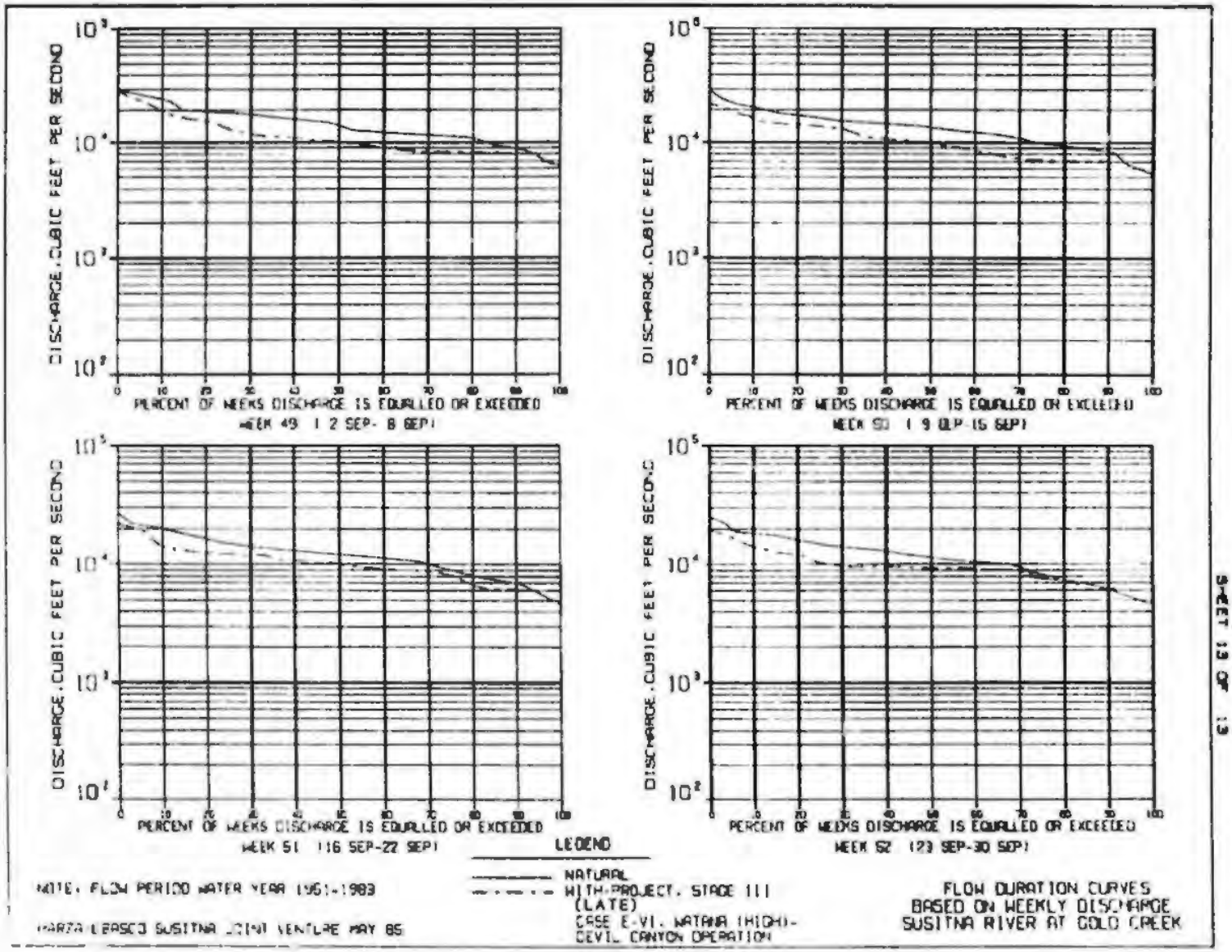


NOTE: FLOW PERIOD WATER YEAR 1951-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 85

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

EXHIBIT 18
SHEET 12 OF 13



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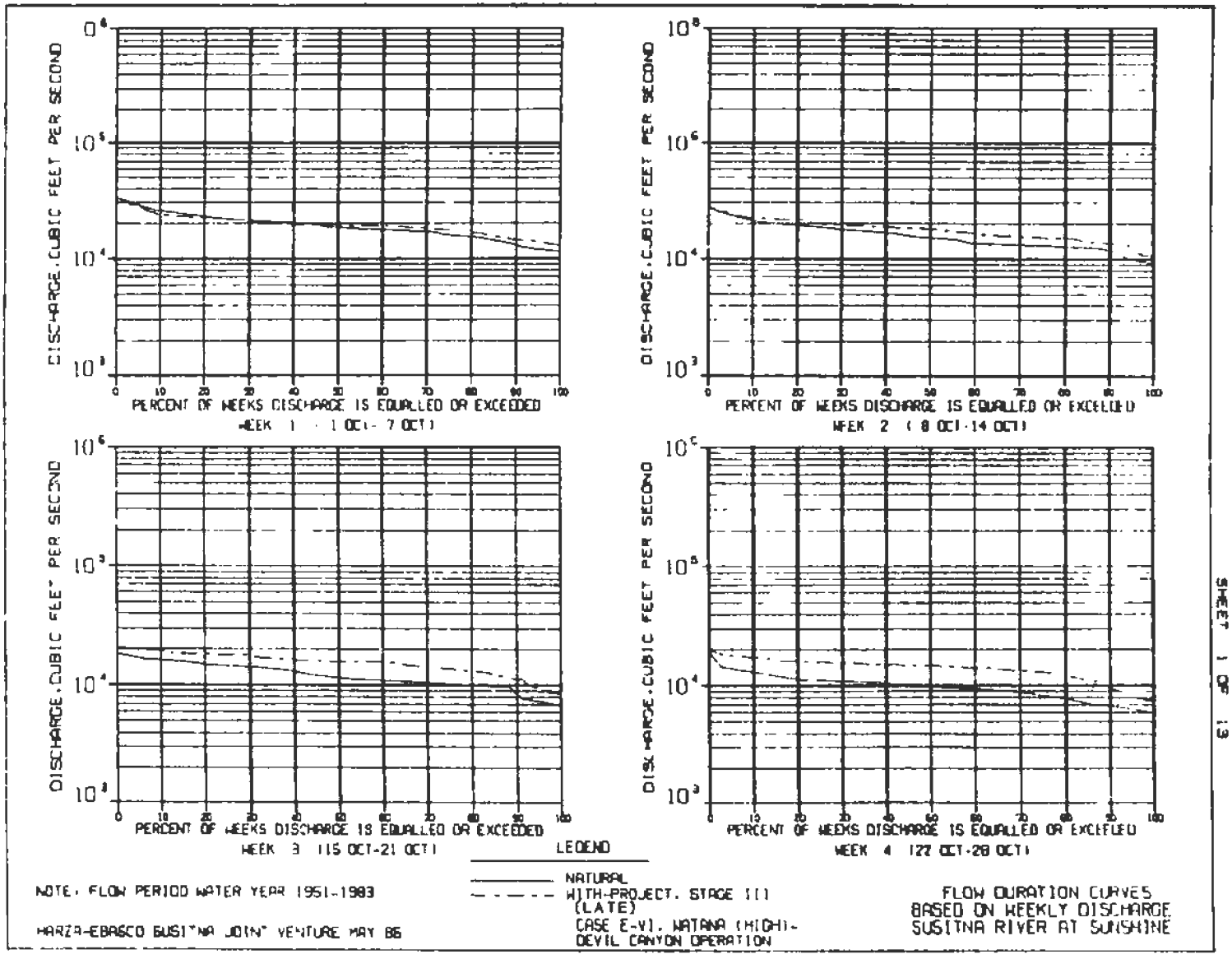

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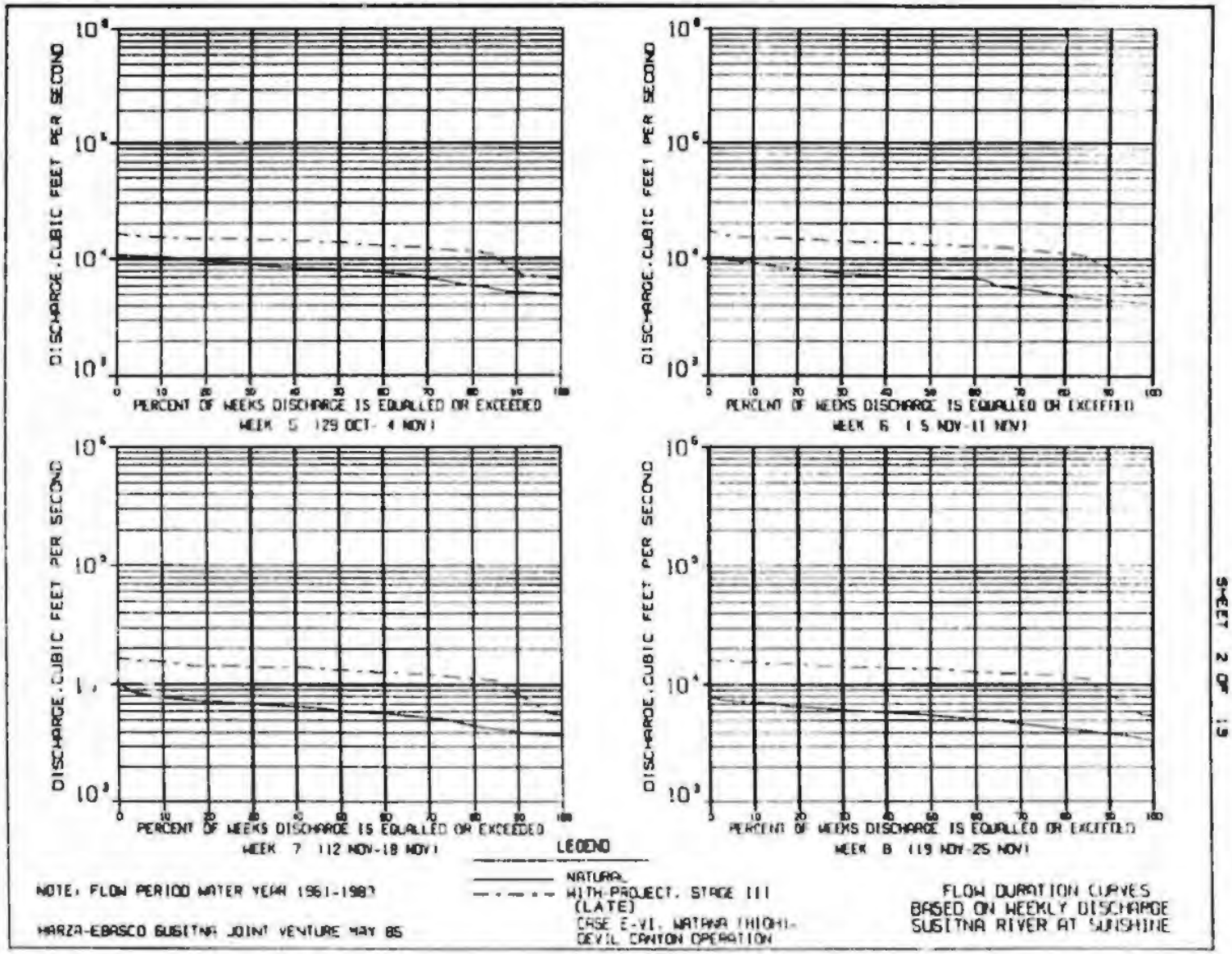

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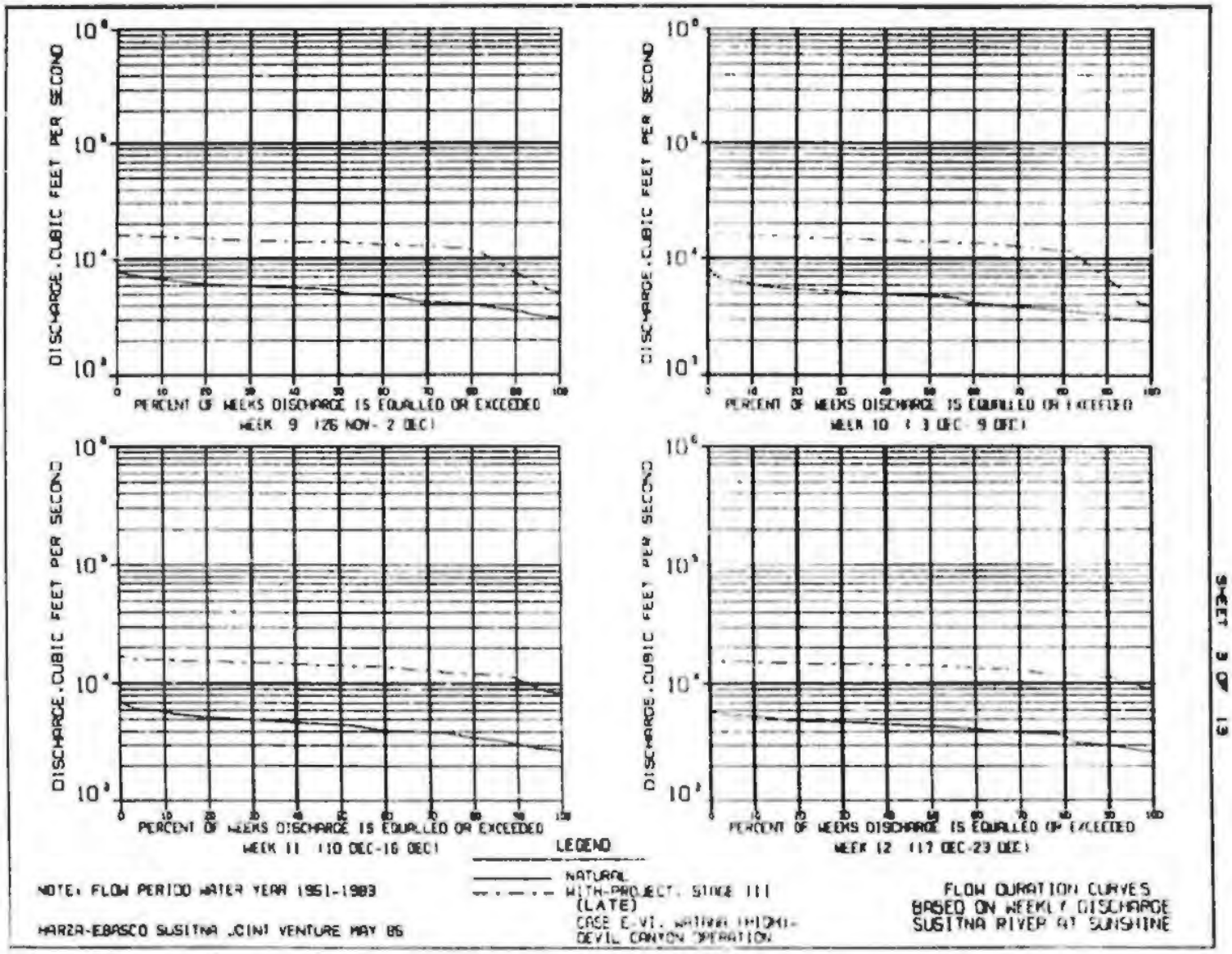

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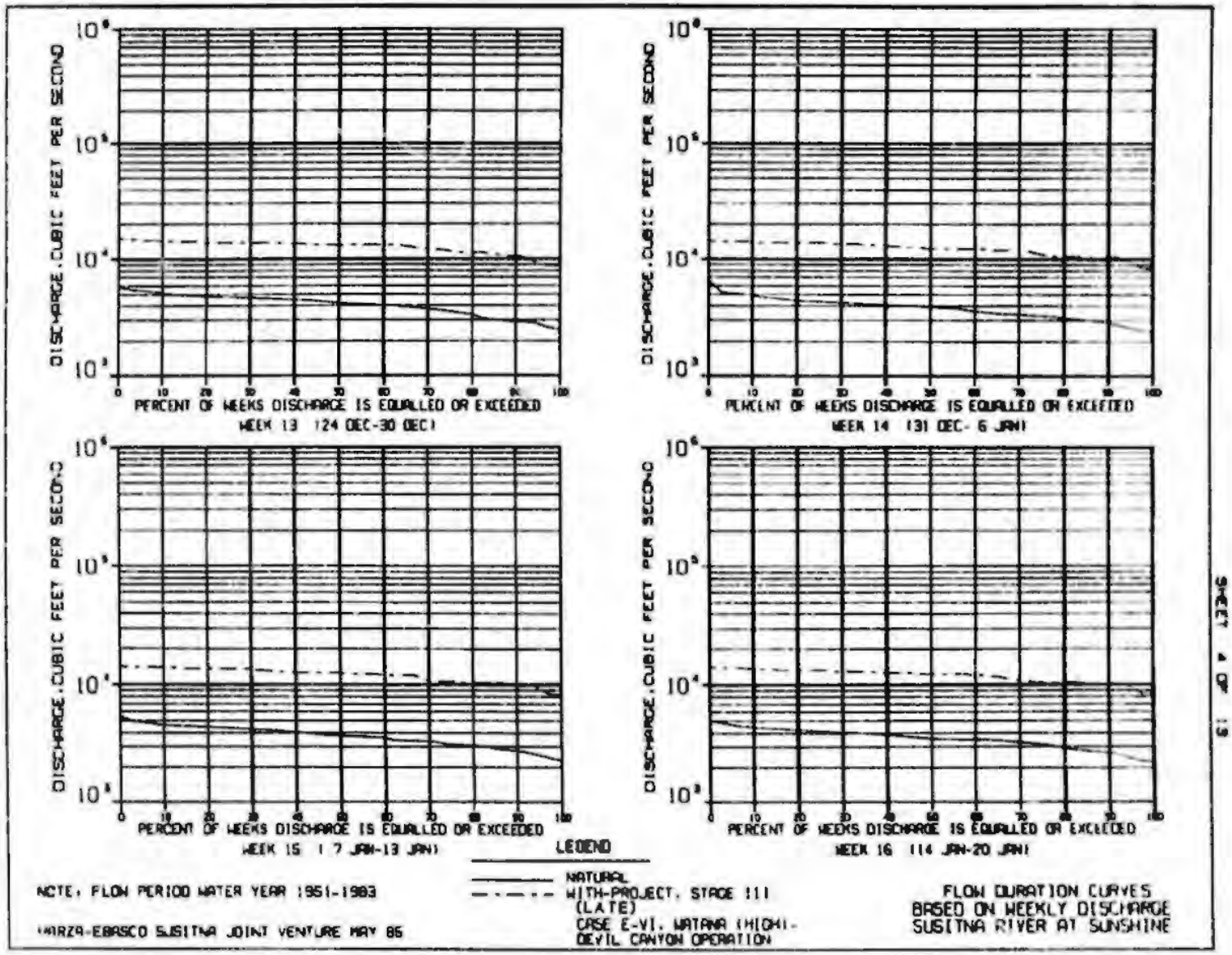
SHEET 3 OF 19



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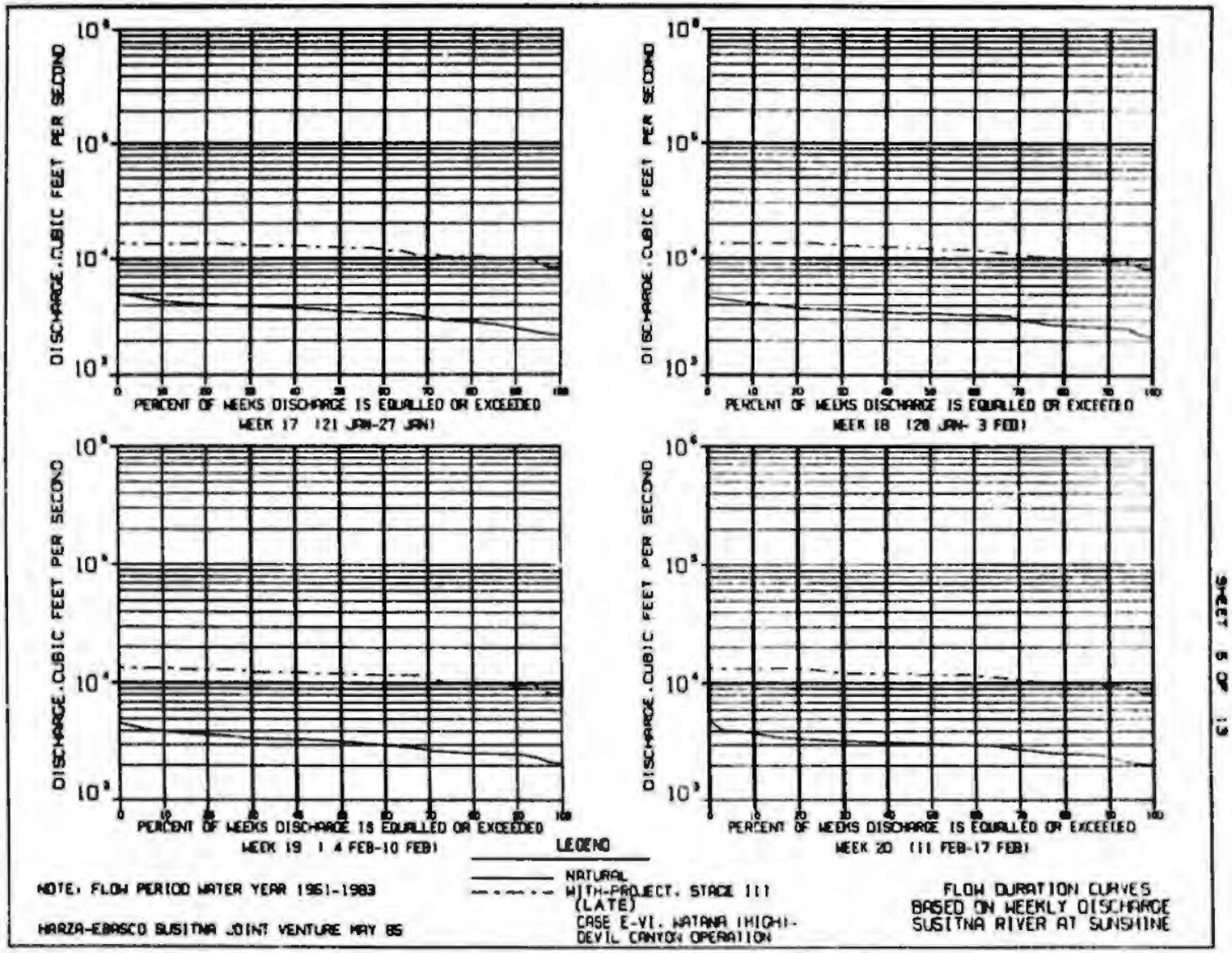
SHEET 4 OF 16



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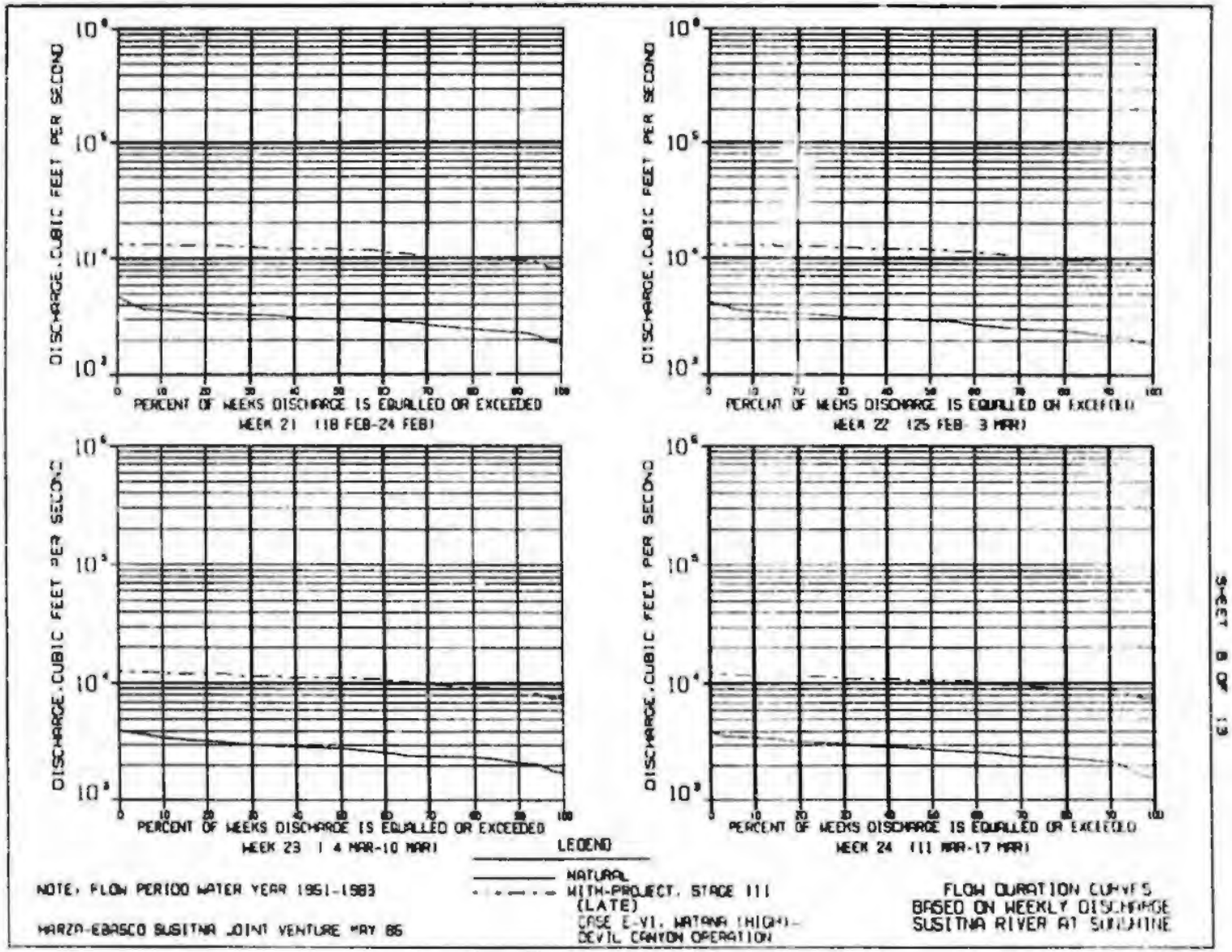

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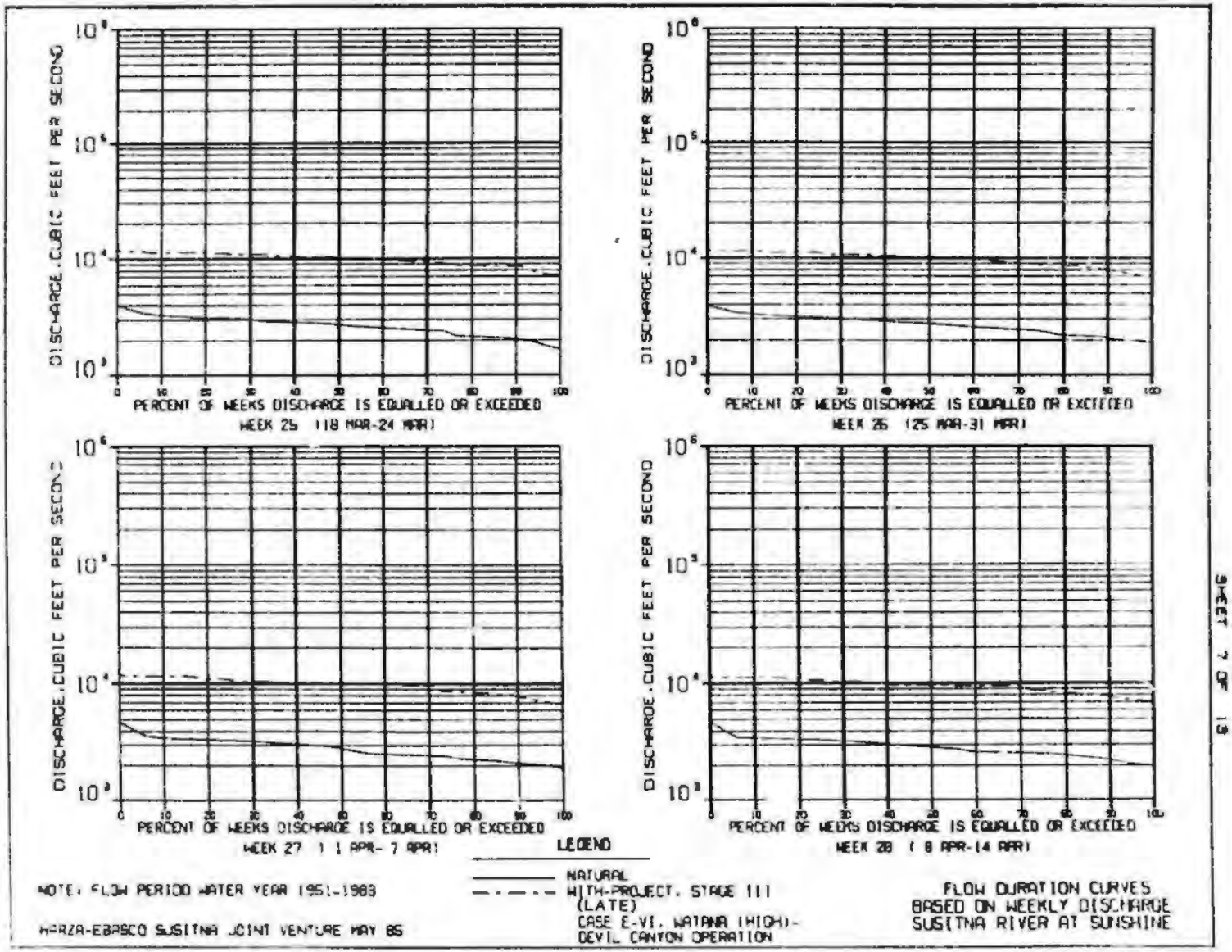

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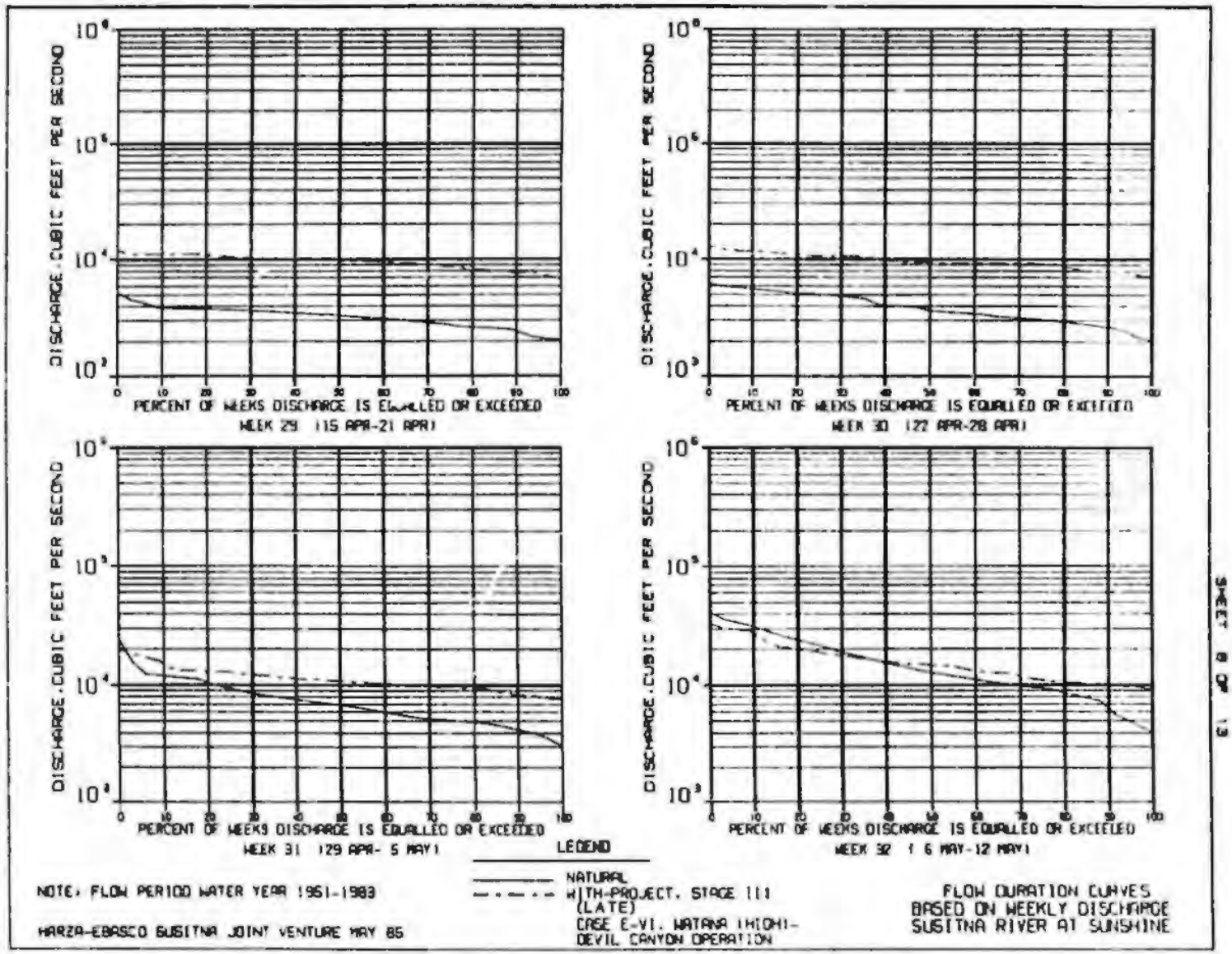

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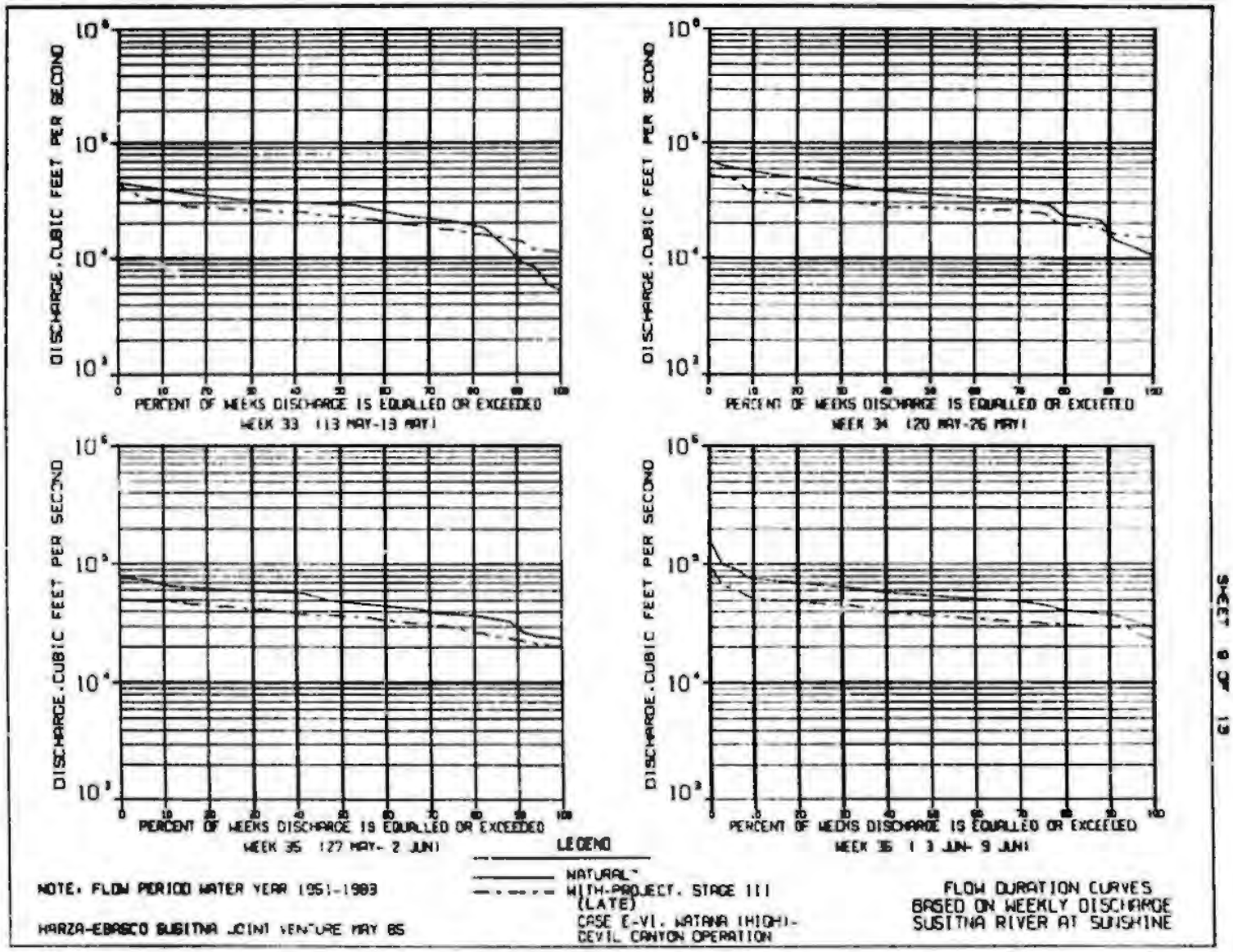

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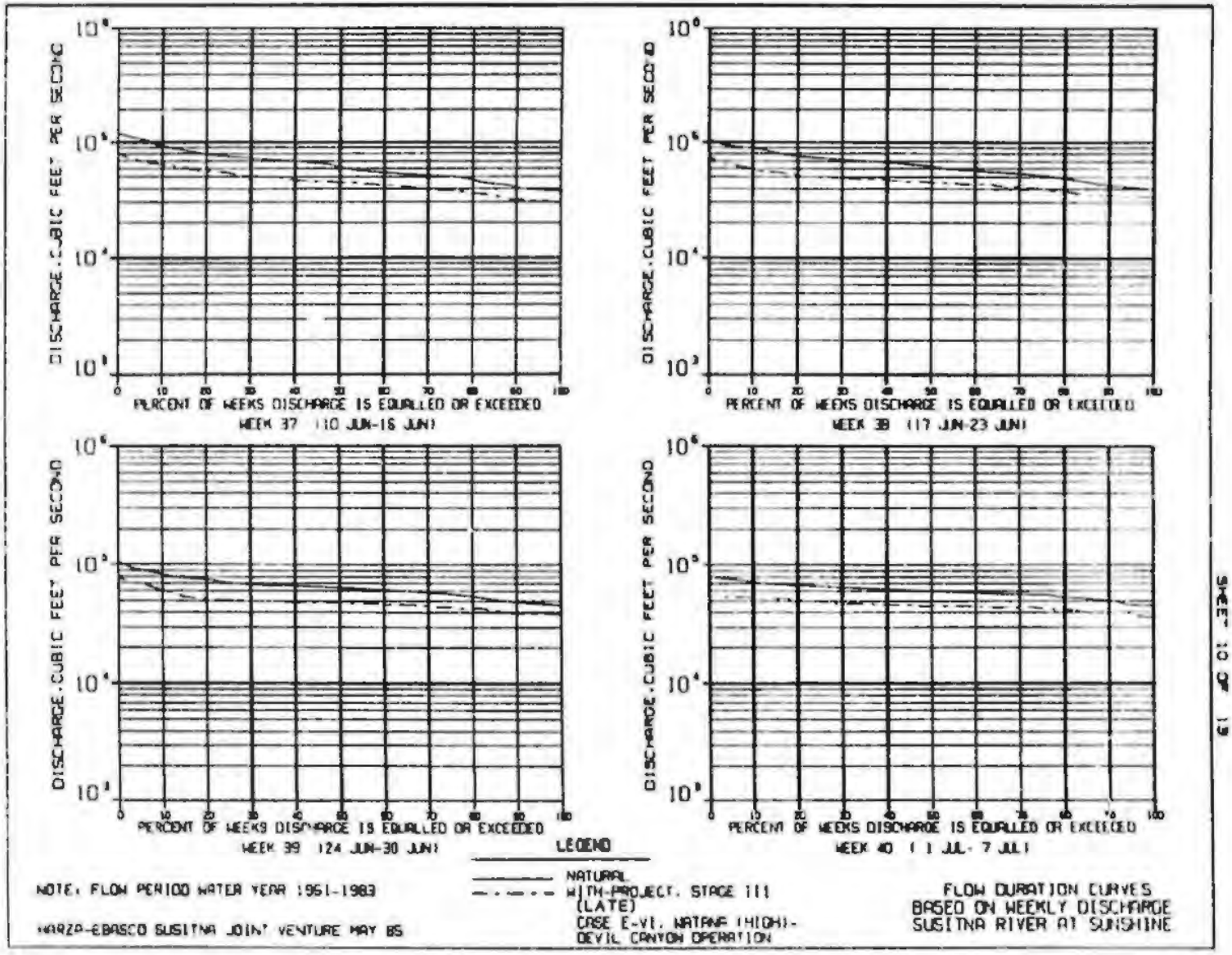
SHEET 6 OF 13



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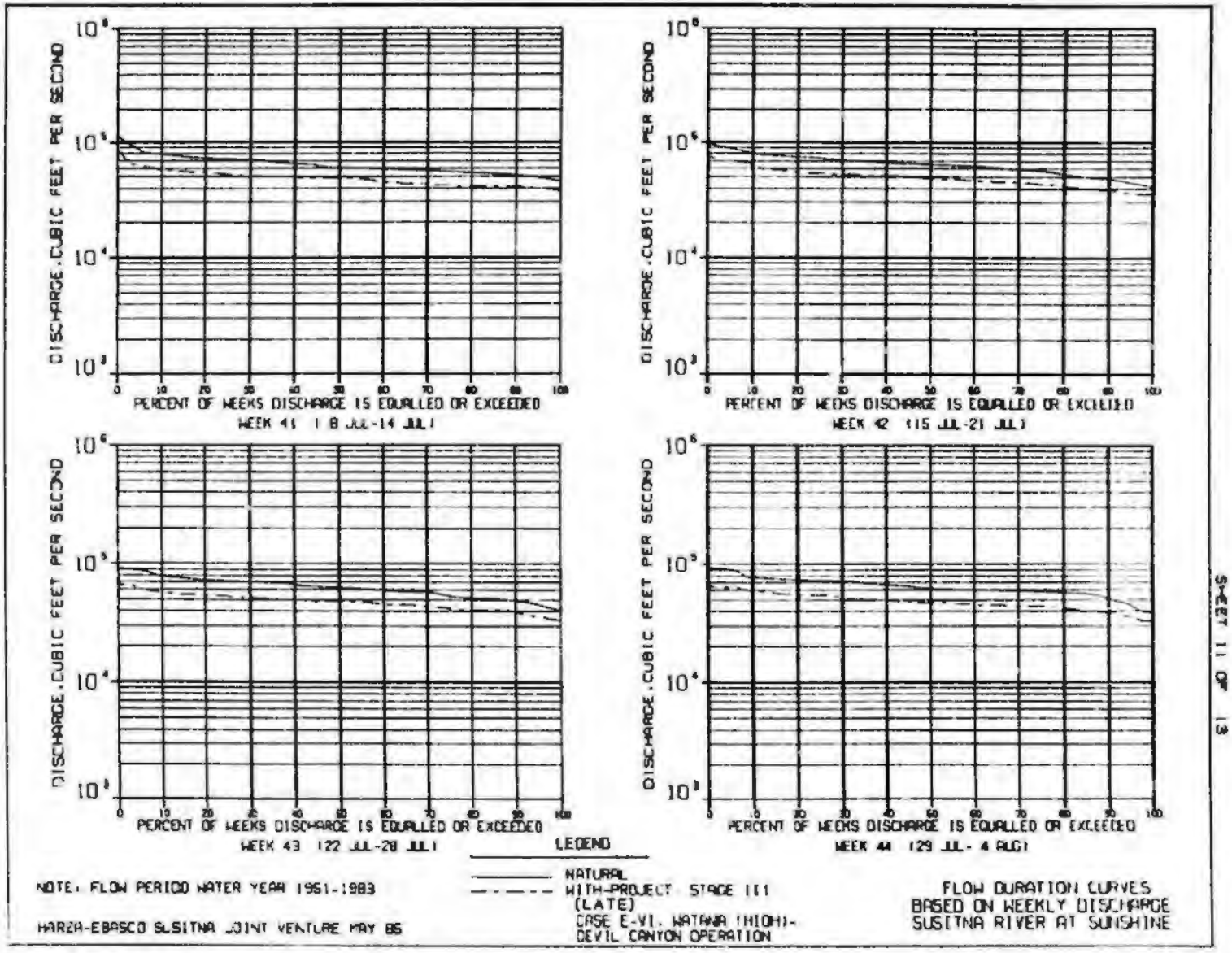

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SHEET 11 OF 13

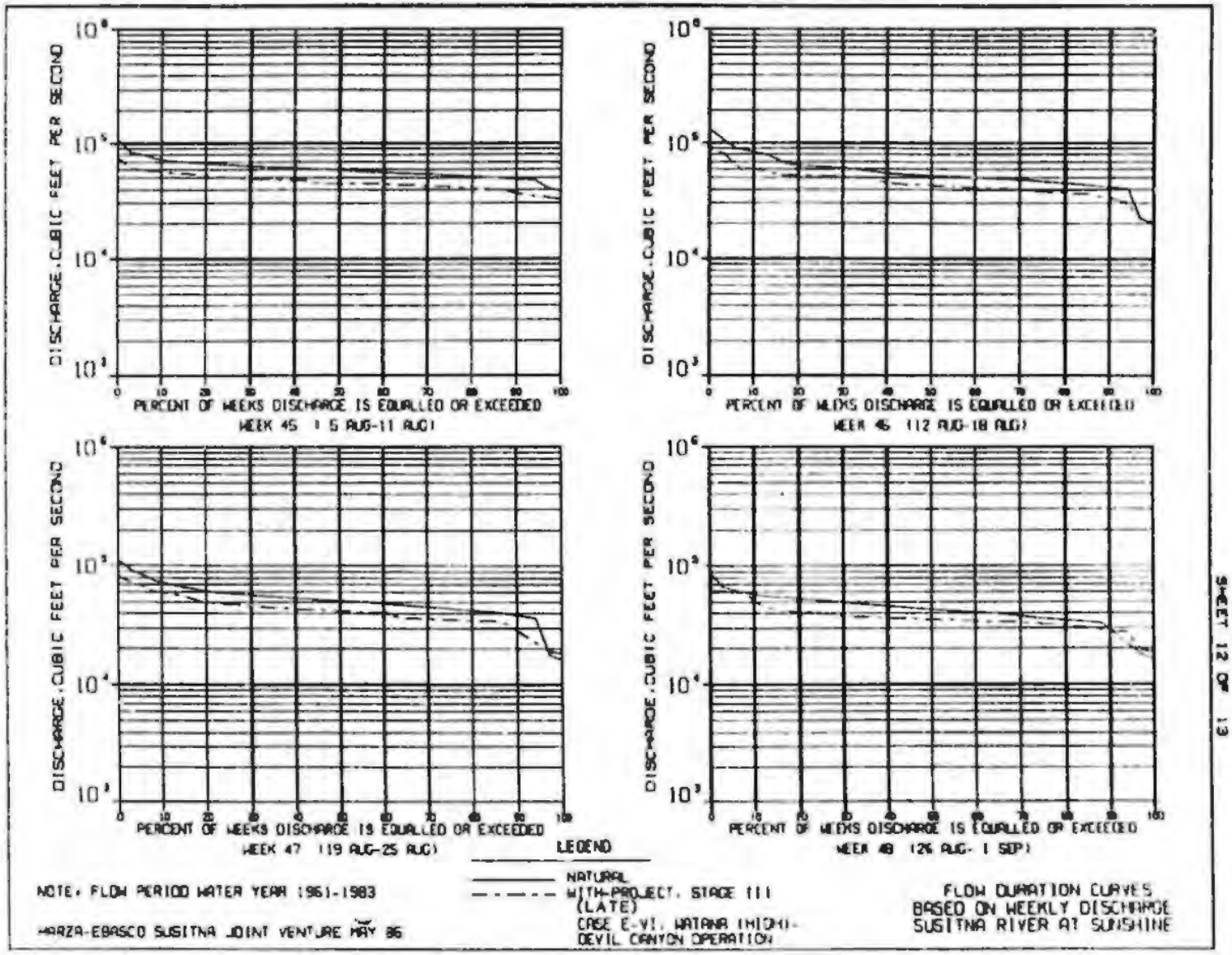
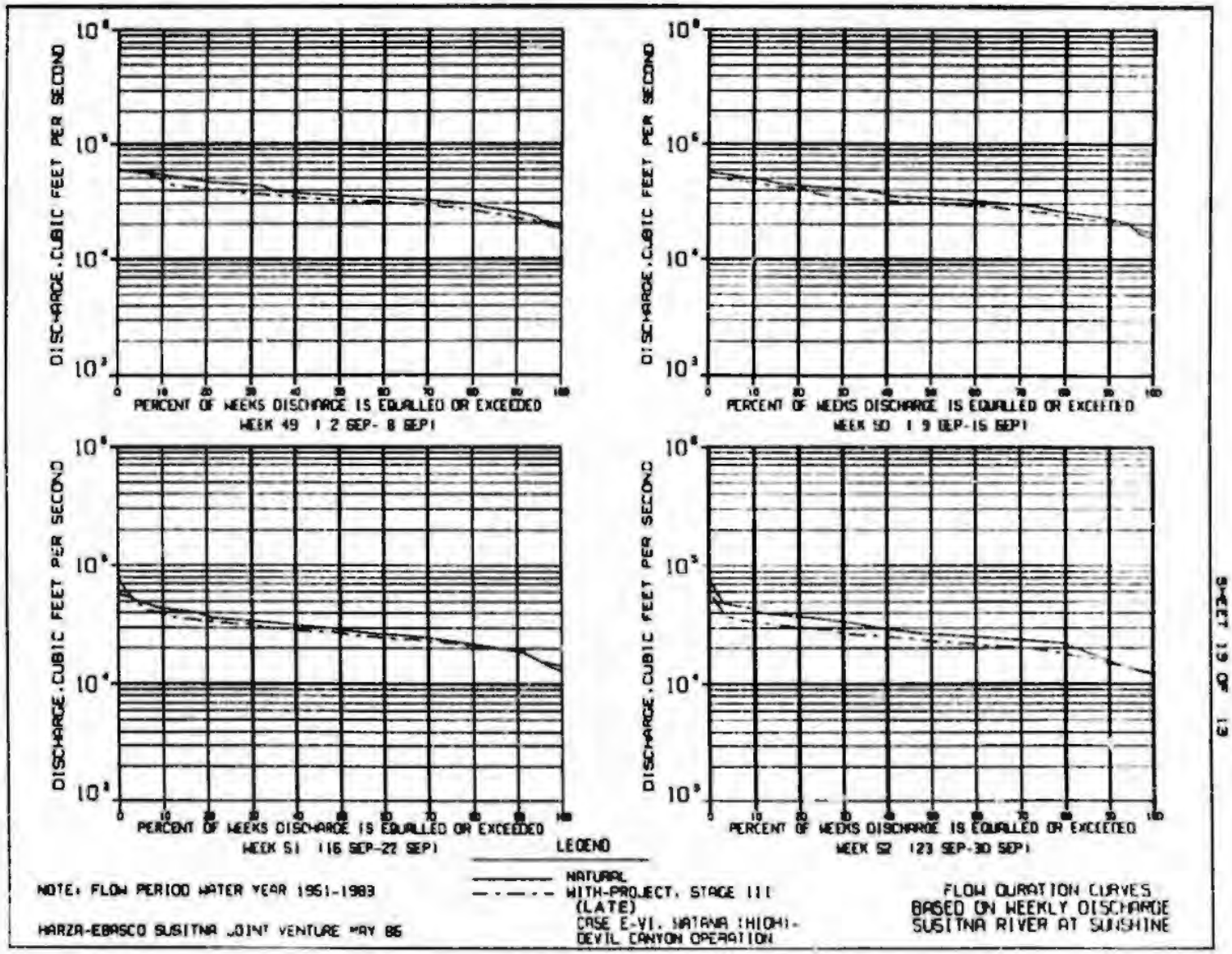


EXHIBIT 19
SHEET 12 OF 13



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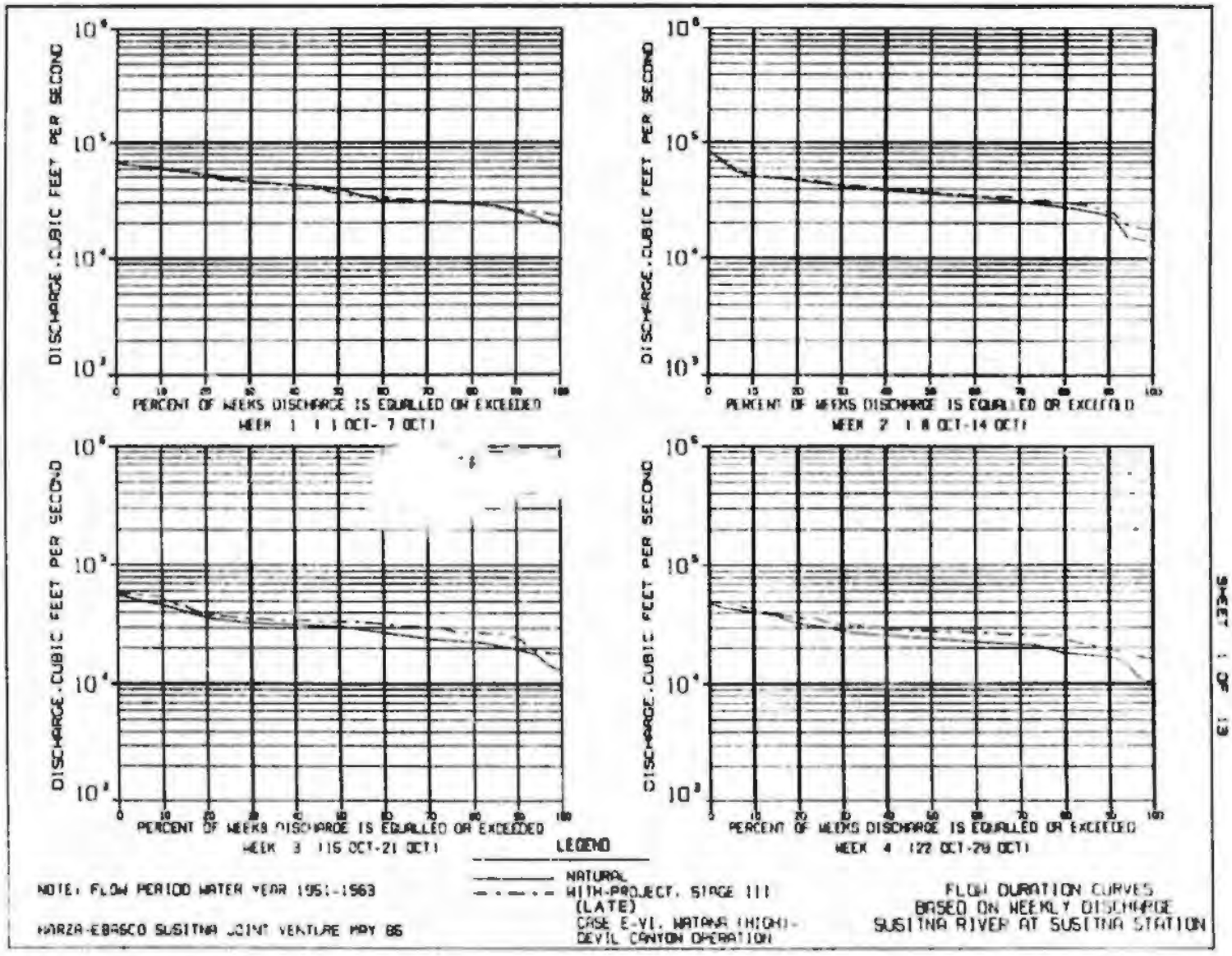
SHEET 19 OF 13



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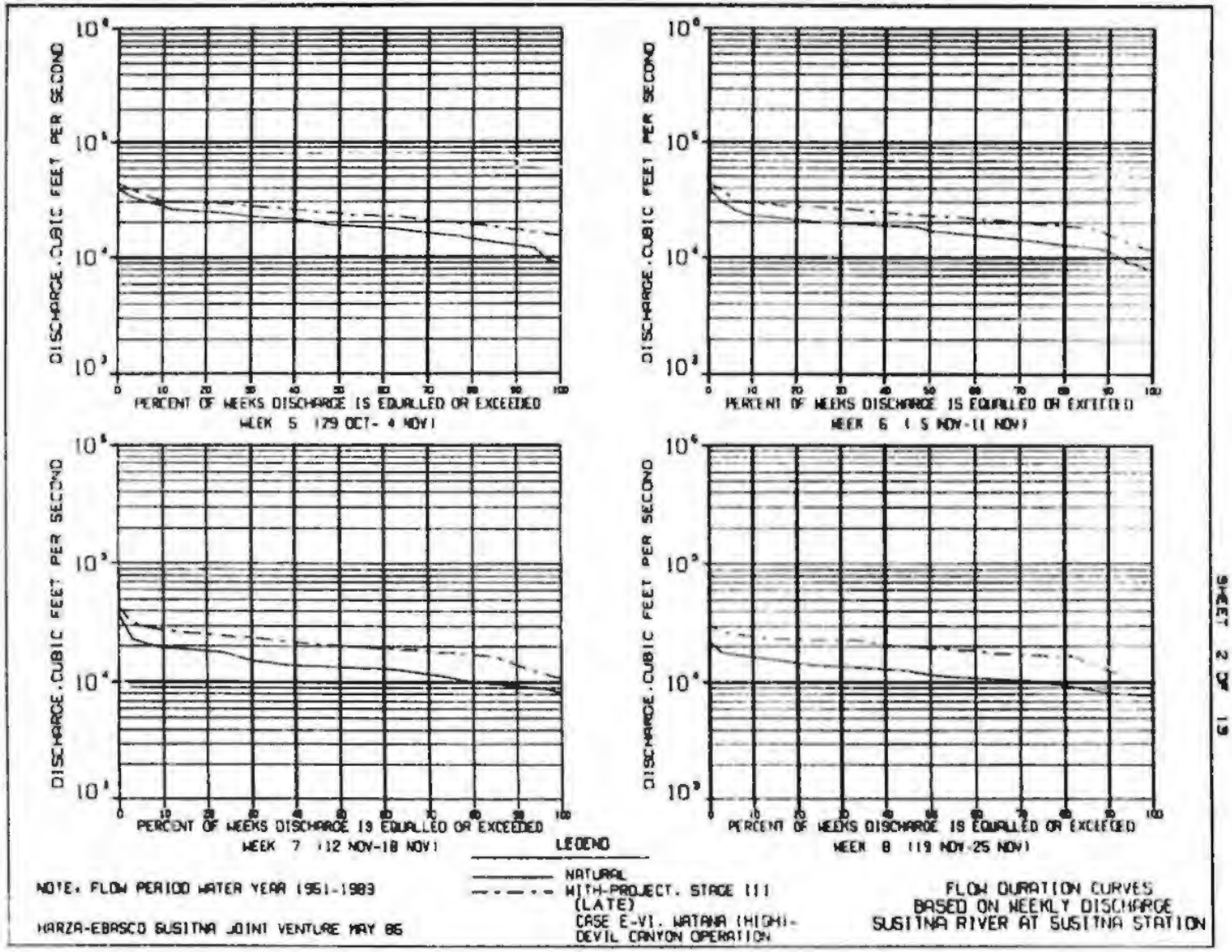

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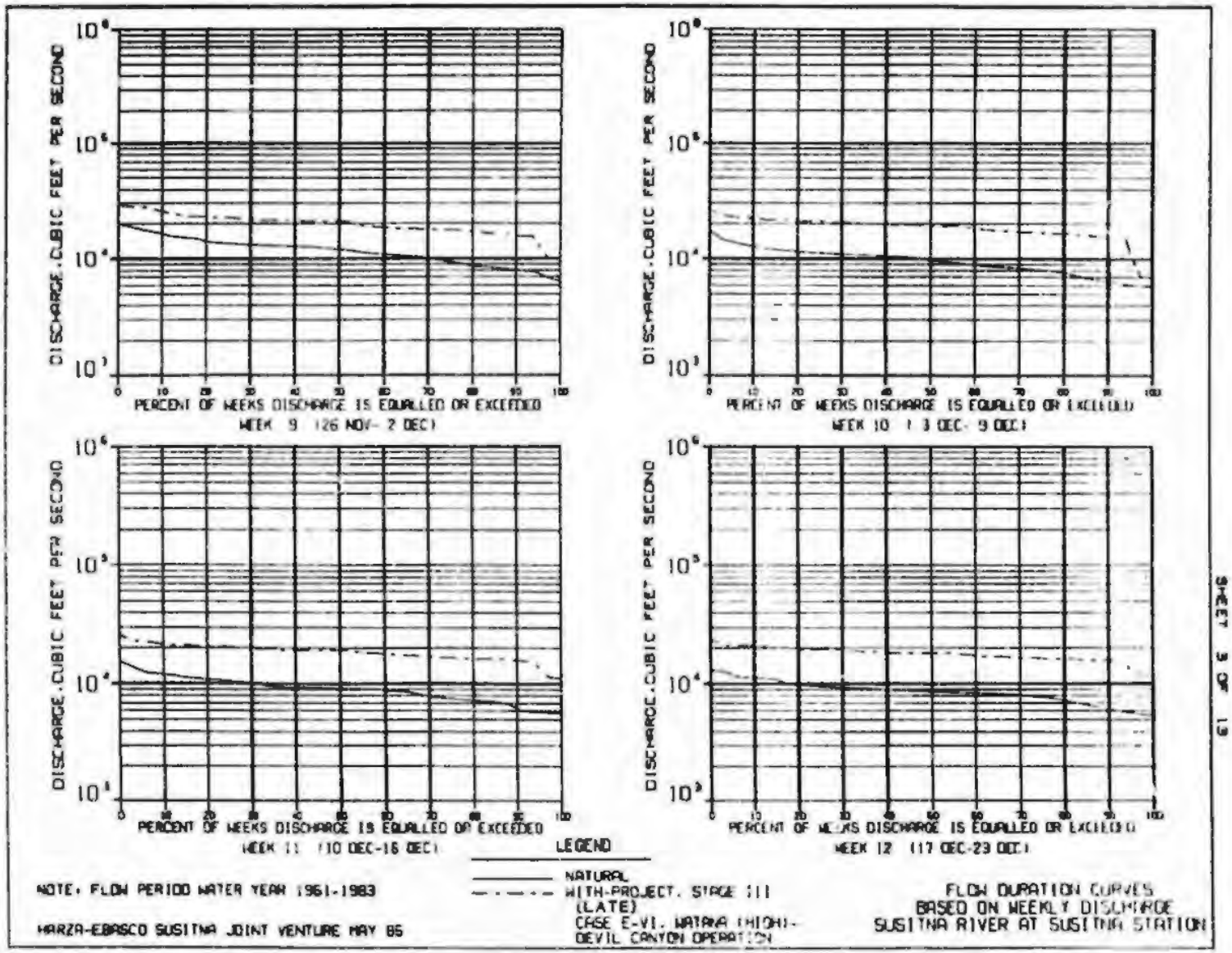

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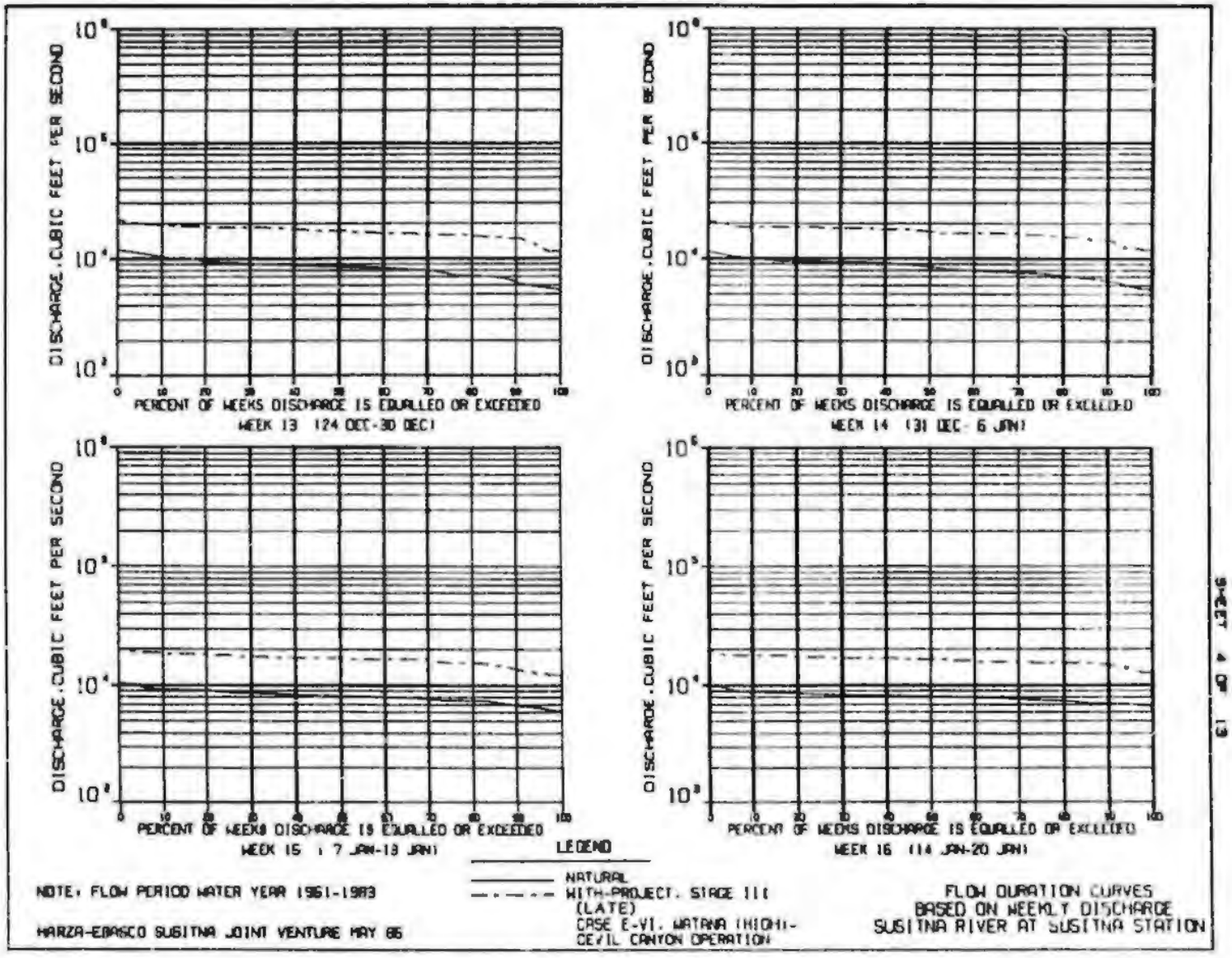
SHEET 3 OF 13



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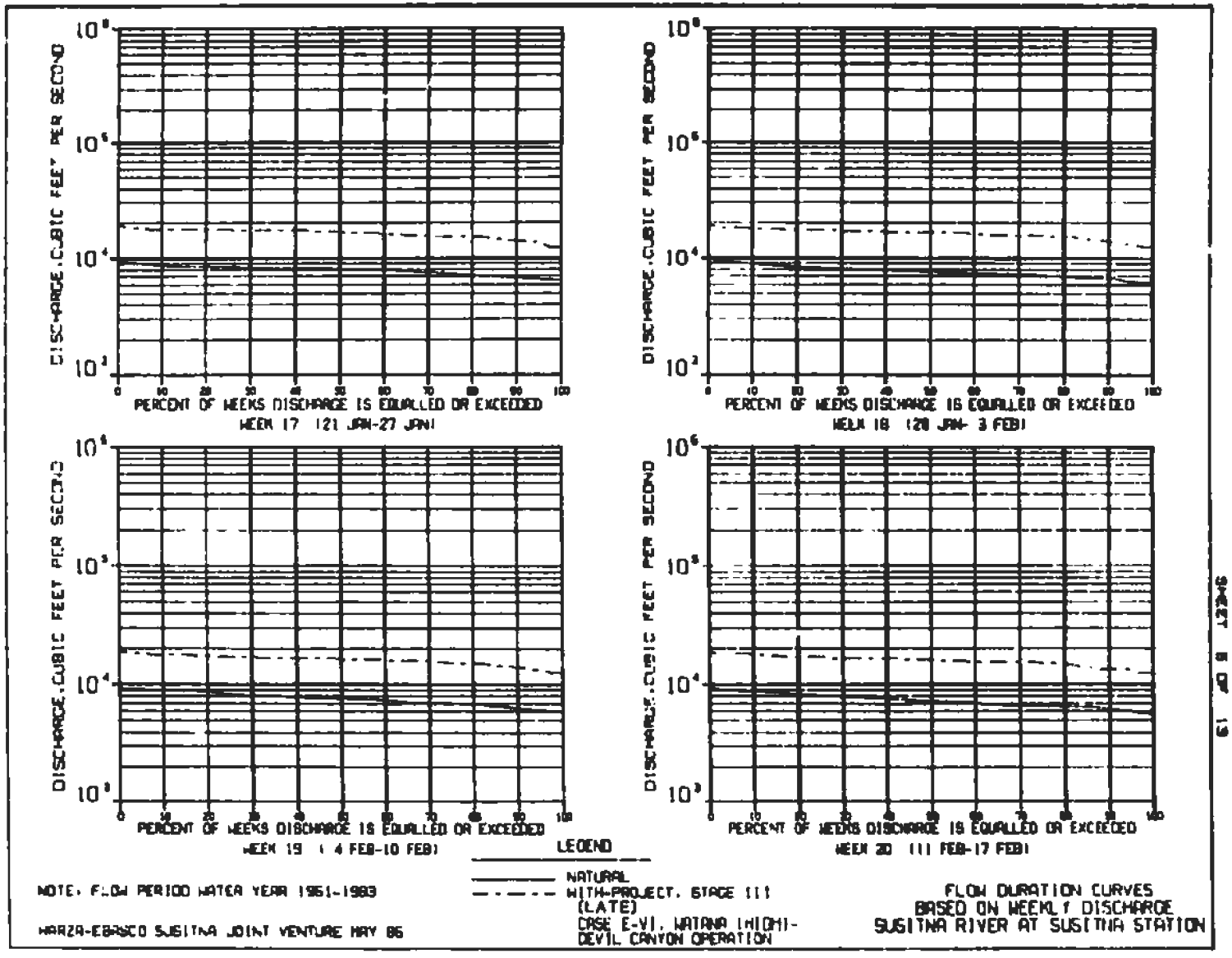
SHEET 4 OF 13



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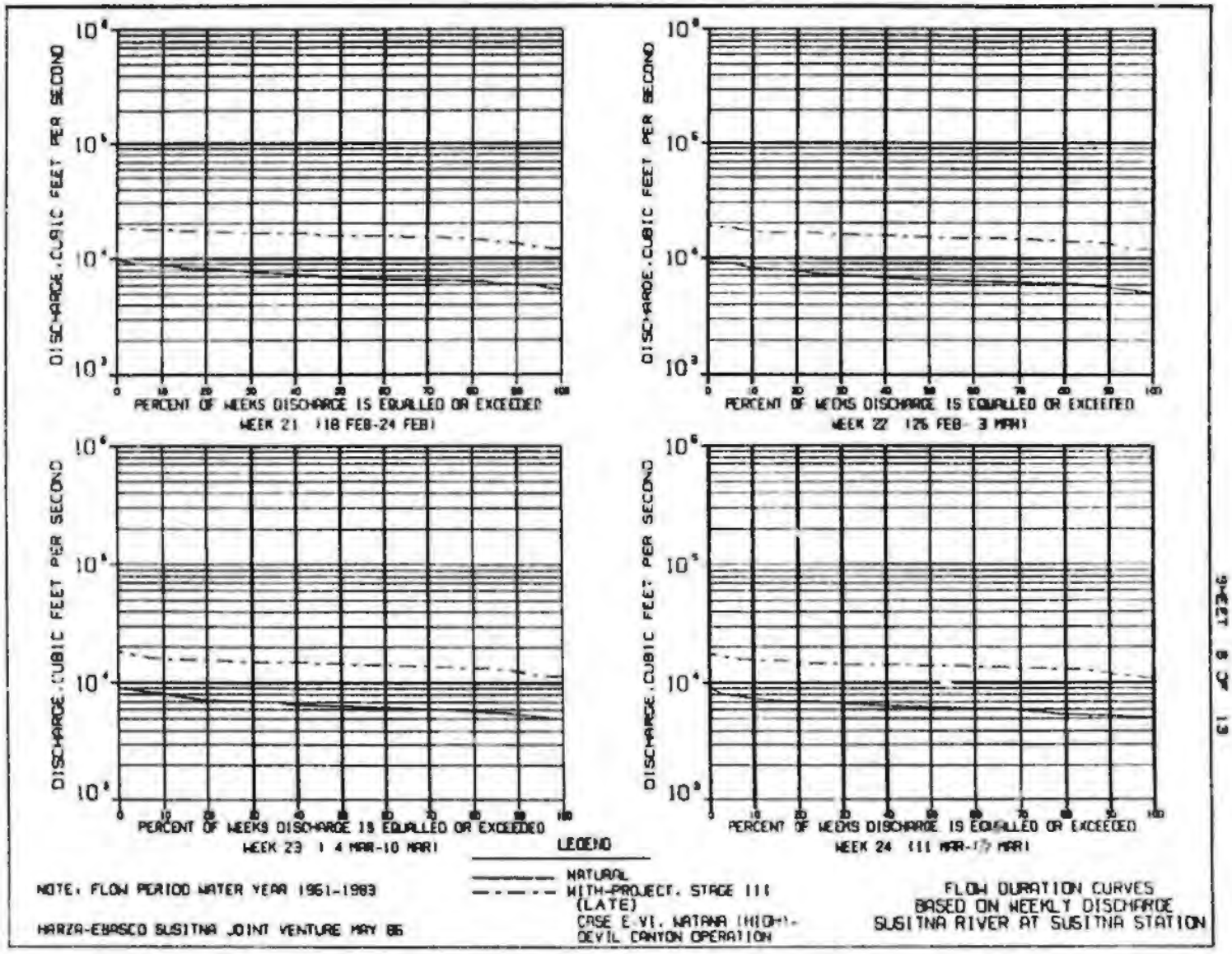
SHEET 8 OF 13



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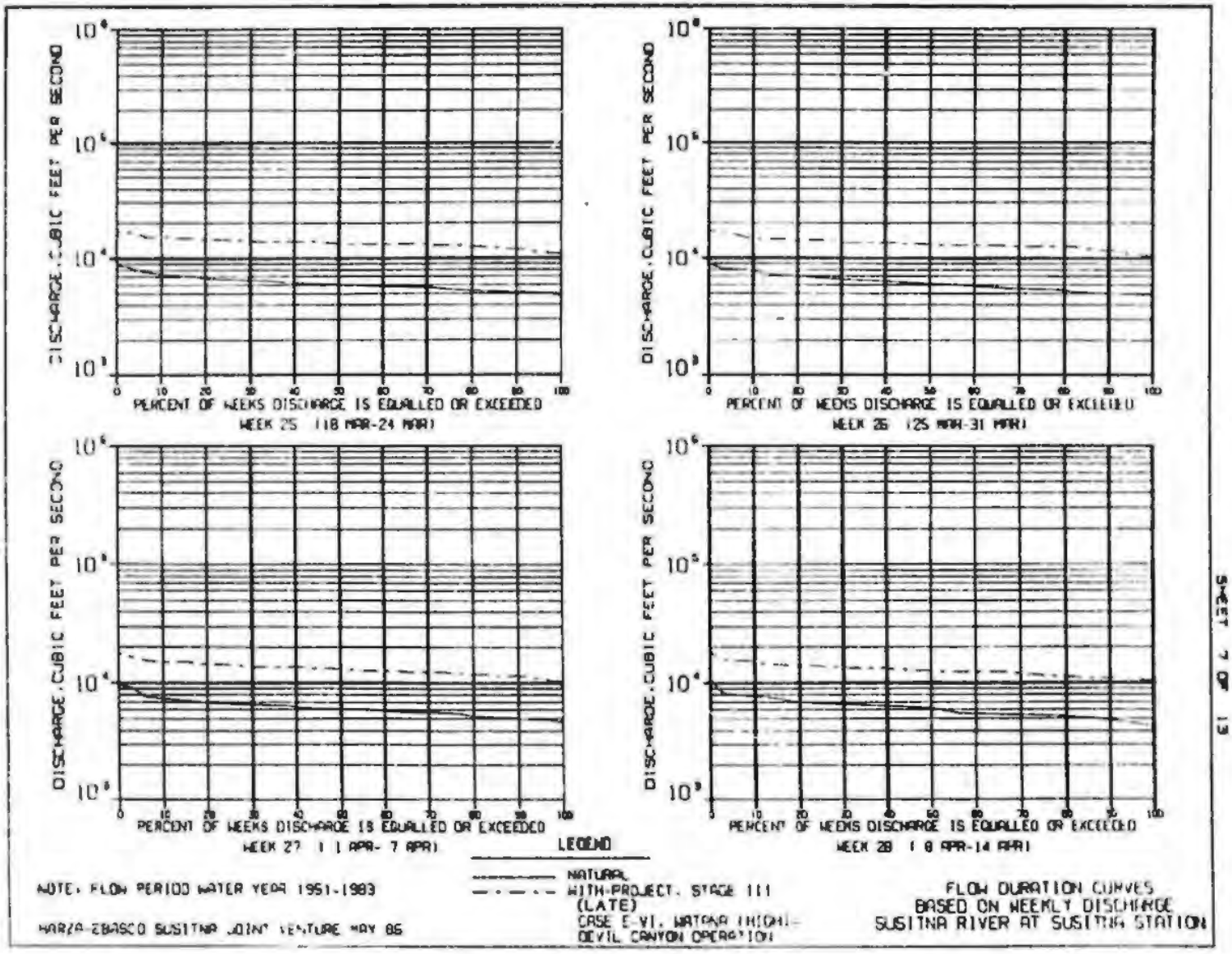
SHEET 8 OF 13



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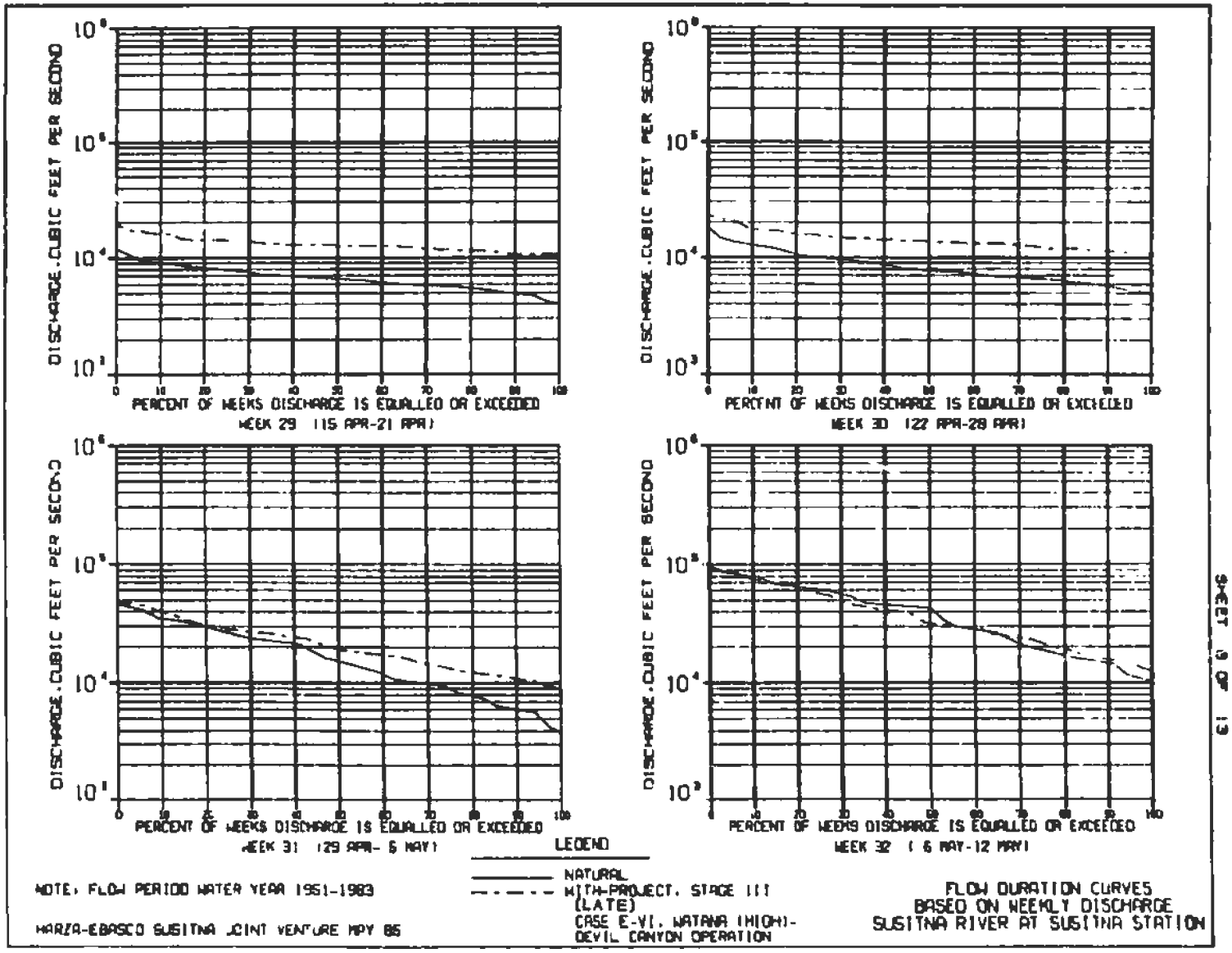
SHEET 7 OF 13



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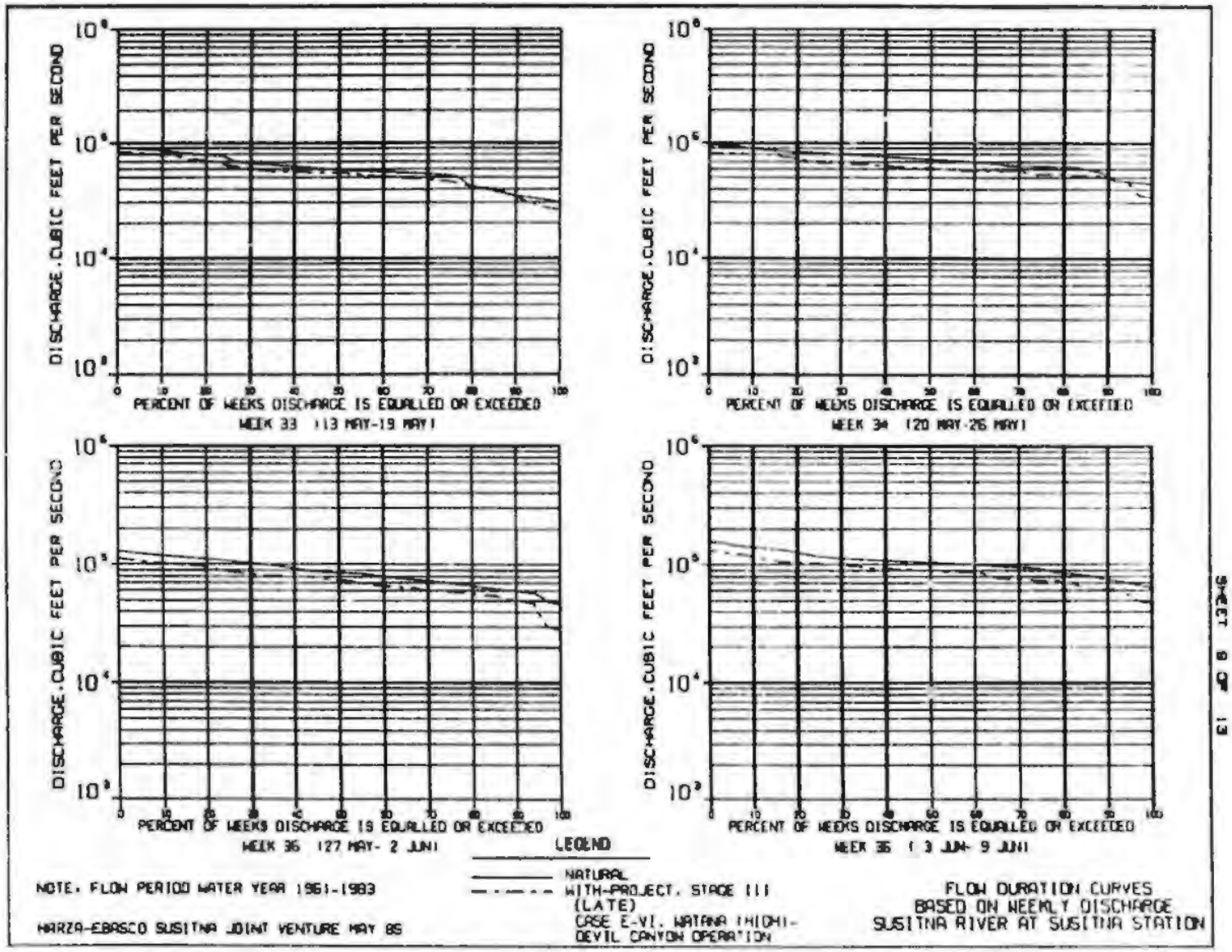
SHEET 6 OF 13



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SHEET 8 OF 13

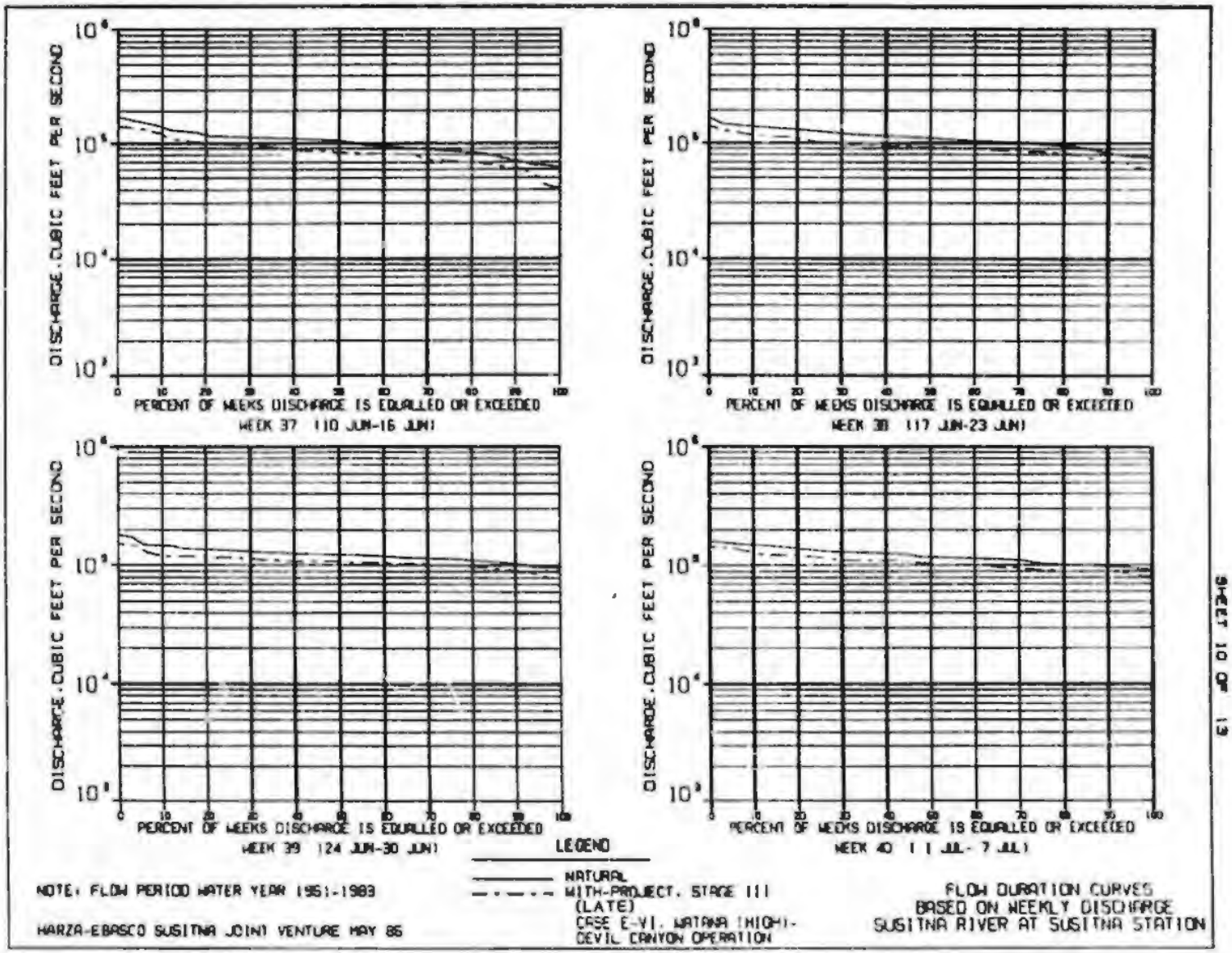


EXHIBIT 20
SHEET 10 OF 13

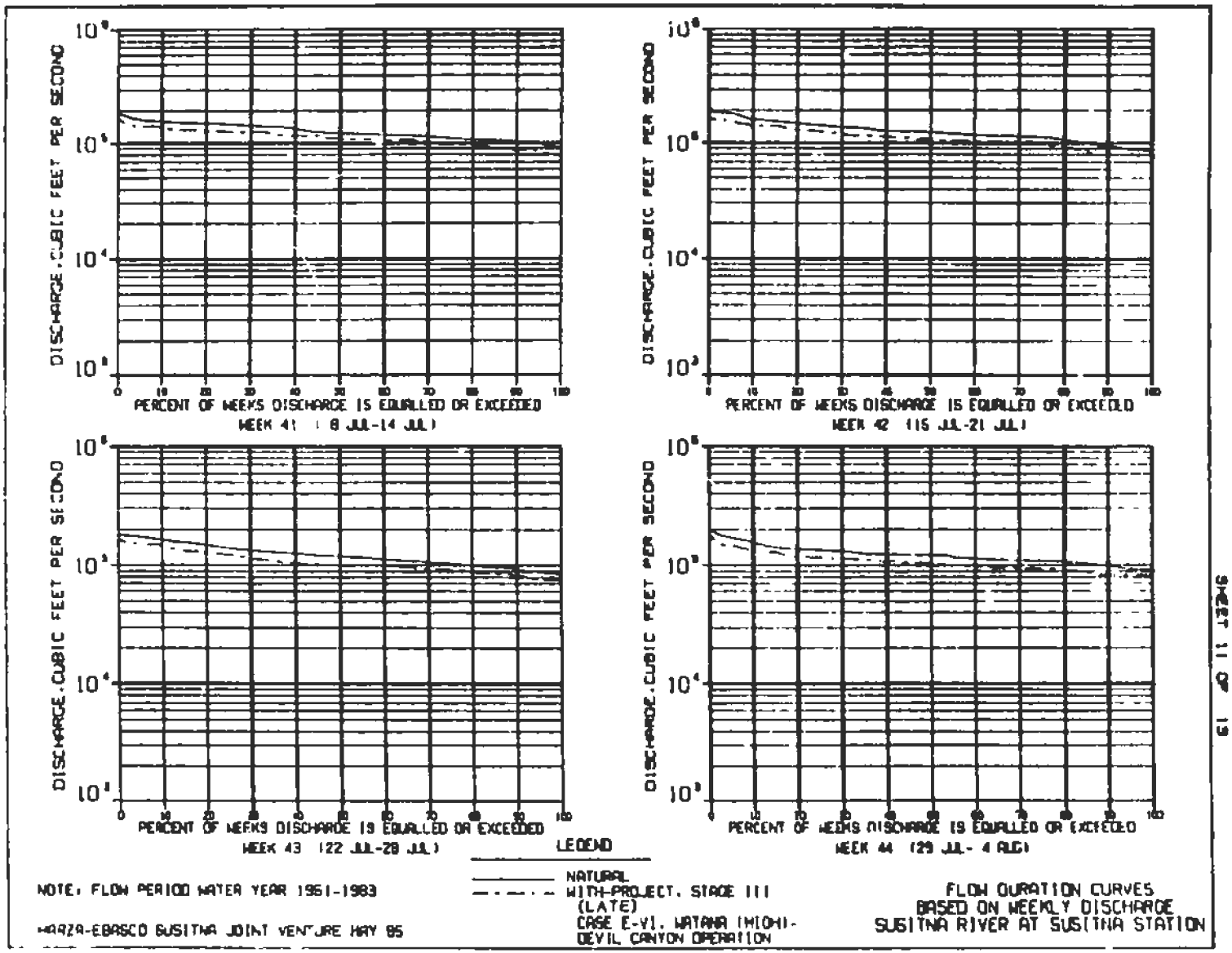


EXHIBIT 20
SHEET 11 OF 13

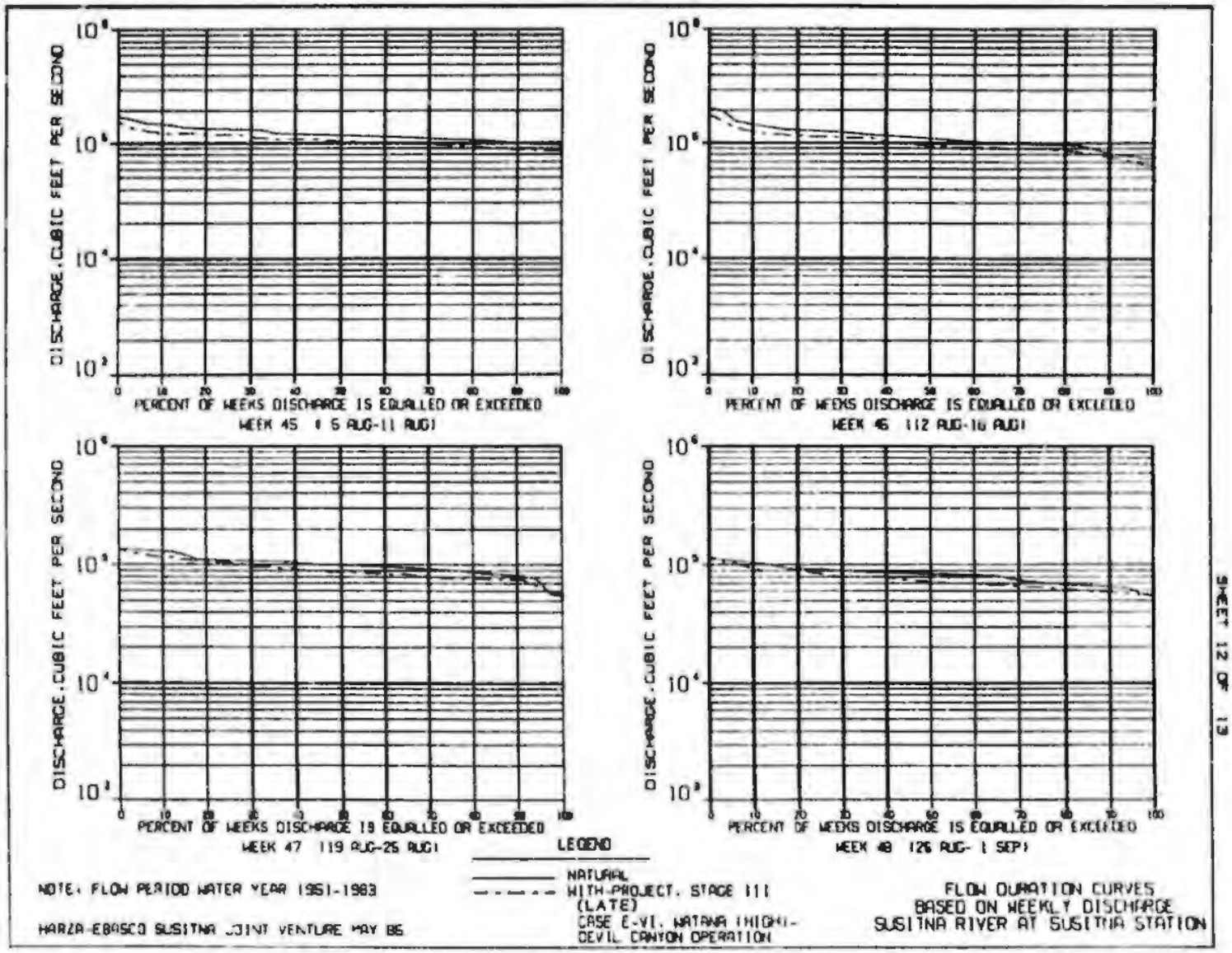
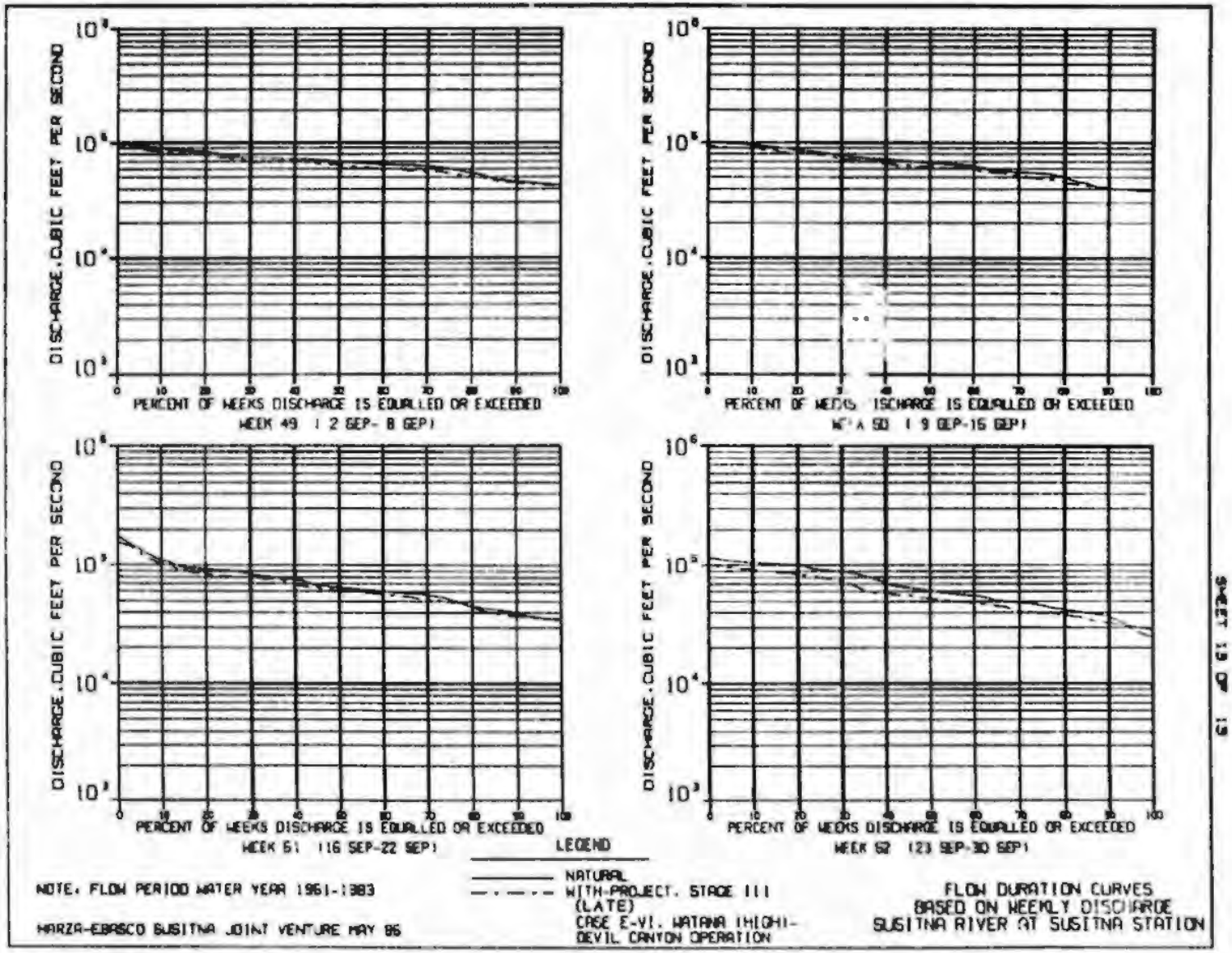


EXHIBIT 20
SHEET 12 OF 13



NOTE: FLOW PERIOD WATER YEAR 1961-1983

HARZA-EBASCO SUSITNA JOINT VENTURE MAY 86

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

EXHIBIT 20
SHEET 15 OF 15