

COMPLETION REPORT
PHASE I
CONTRACT NO. EG-77-S-07-1691

VOLUME I
APPENDIX III
IDAHO, NEVADA, AND WYOMING REACH DATA TABLES CONTINUED

A RESOURCE SURVEY OF LOW-HEAD HYDROELECTRIC POTENTIAL PACIFIC NORTHWEST REGION

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FORWARD

Due to the tremendous volume of information presented in this report, final publication has been split into ten volumes. The first volume (Volume A) contains the main report which describes study methodologies and sample data tables. The remaining nine volumes (Volumes B-J) contain sets of complete data tables for all the streams studied. Page iii of this volume contains a listing of the contents of all of the volumes. A listing of the distribution of the different report volumes is contained on pages 98 and 99 of Volume A.

Those desiring information from or copies of any of the reach sheets should contact the Idaho Water Resources Research Institute or the water research institute in the particular state in which the stream or streams of interest are located. Institute addresses are shown on the distribution list.

REPORT VOLUME CONTENTS

- Volume A Main Report and Sample Appendices
- Volume B Appendix I, Washington Reach Data Tables
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- Volume D Appendix I, Washington Reach Data Tables continued
- Volume E Appendix II Oregon Reach Data Tables
- Volume F Appendix II Oregon Reach Data Tables continued
- Volume G Appendix II Oregon Reach Data Tables continued
- Volume H Appendix III Idaho, Nevada and Wyoming Reach Data Tables
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IDAHO REACH INDEX

STREAM DESCRIPTION	REACH NUMBER	PAGE
V. Snake River (con't)		
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5. Middle Fork Clearwater	-020-R0240	I 181
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6. So. Fk. Clearwater & Trib.	-025-R0002 thru R0032	I 221-I 230
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IDAHO REACH INDEX

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J. Owyhee River (Nevada)	05-500-240-200-	
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K. Bruneau River (Idaho)	03-500-240-240-	
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2. Marsh Creek	-010-R0002 thru R0006	I 479-I 480
S. Mudlake Basin	03-500-240-262-	
1. Medicine Lodge Creek	-000-R0002 thru R0004	I 481-I 482
T. Blackfoot River	03-500-240-280-	
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U. Willow Creek	03-500-240-288-	
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2. Strawberry Creek	-020-R0002	I 527
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4. Crow Creek	-010-R0002 thru R0004	I 530-I 531
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D. Greys River	06-500-240-309-	
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2. Little Greys River	-010-R0002	I 537
E. Hoback River	06-500-240-311-	
1. Main Stem	-000-R0002 thru R0010	I 538-I 542
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F. Gros Ventre River	06-500-240-315-	
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G. Spread Creek	06-500-240-317-000-R0004	I 554
H. Buffalo Fork	06-500-240-319-	
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I. Minor Tributaries	06-500-240-	
1. Pacific Creek	-321-000-R0002	I 560
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3. Coulter Creek	-325-000-R0002	I 562
4. Heart River	-327-000-R0002	I 563

REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C80000R0002

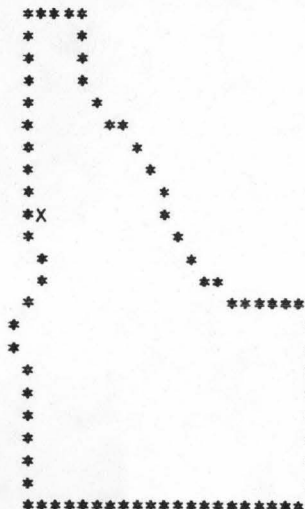
I LOCATION

A. STATE	IDAHO
B. COUNTY	NEZ PERCE, IDAHO
C. TOWNSHIP, RANGE	T31N R03W
D. LATITUDE, LONGITUDE	46 1 116 38
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 27.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN



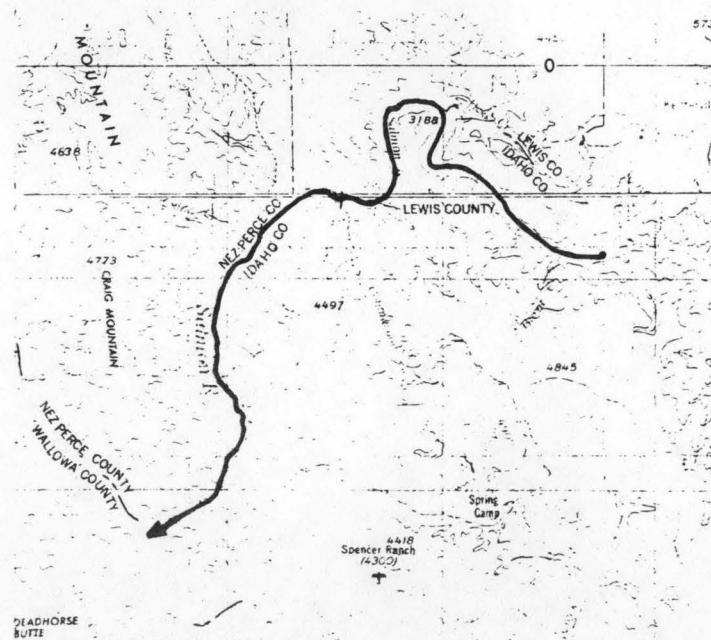
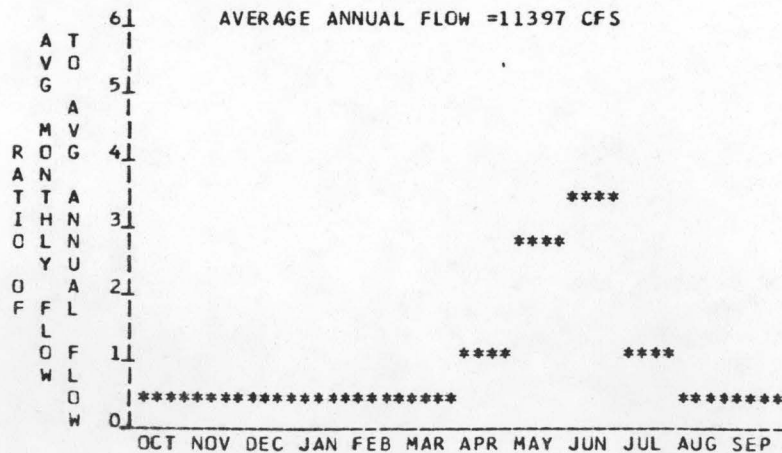
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	1200 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	900 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	300 FT.
D. AVERAGE SLOPE IN REACH	11.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	14032 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3153	80.16	700.84	1.00
80	4043	102.79	874.26	0.97
50	5353	136.12	1064.02	0.89
30	8170	207.74	1314.98	0.72
10	27429	697.35	2172.79	0.36

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240CECOCOR0004

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T30N R01E
 D. LATITUDE, LONGITUDE 45 54 116 22
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 27.0 TO 51.0

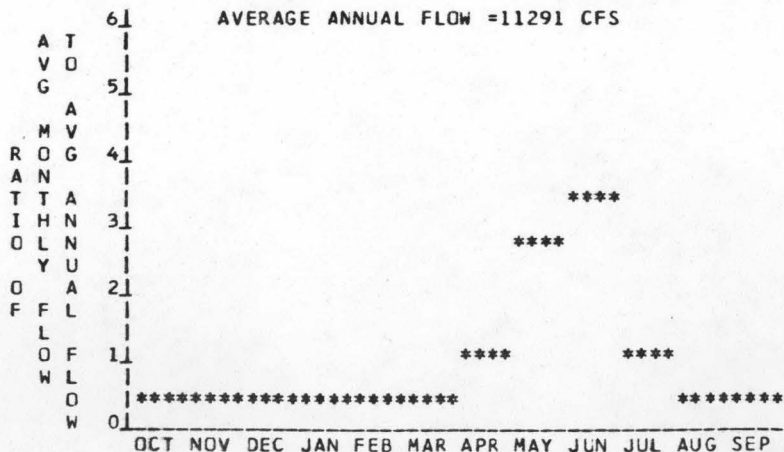
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 1420 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 1200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 220 FT.
 D. AVERAGE SLOPE IN REACH 9.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 13795 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3126	58.28	509.54	1.00
80	4009	74.76	635.82	0.97
50	5309	98.99	773.79	0.89
30	8105	151.13	956.48	0.72
10	27176	506.68	1579.41	0.36

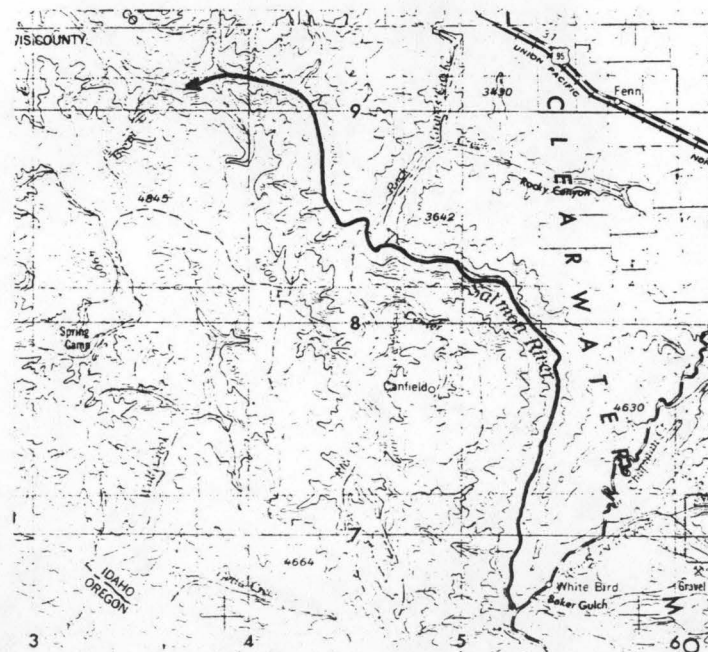
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C800C0R0008

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T26N R01E
 D. LATITUDE, LONGITUDE 45 35 116 19
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 51.0 TO 81.0

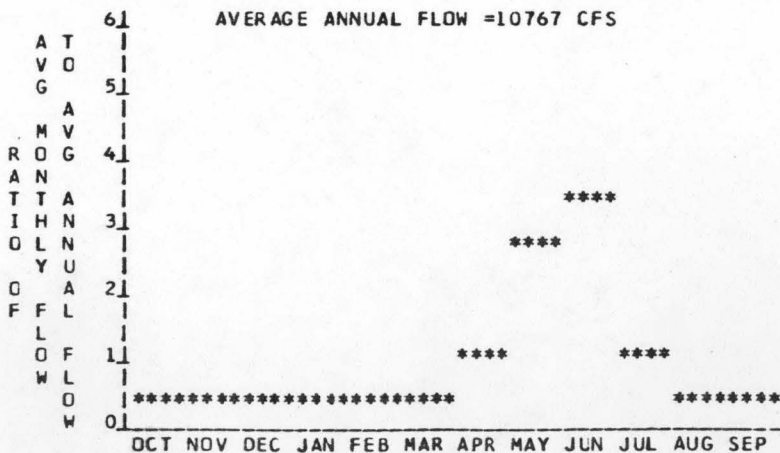
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 1800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 1420 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 380 FT.
 D. AVERAGE SLOPE IN REACH 12.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 13456 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2991	96.33	842.16	1.00
80	3843	123.77	1052.50	0.97
50	5087	163.83	1280.61	0.89
30	7780	250.56	1584.49	0.72
10	25918	834.67	2607.86	0.36

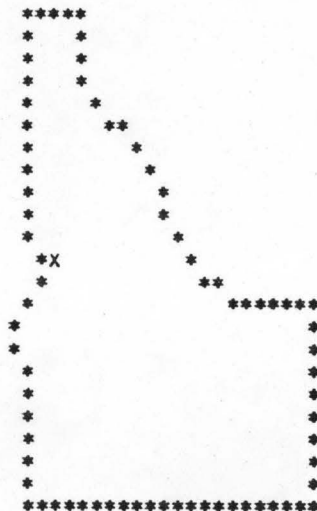
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C80000R0010

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T24N R02E
 D. LATITUDE, LONGITUDE 45 25 116 10
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 81.0 TO 102.0

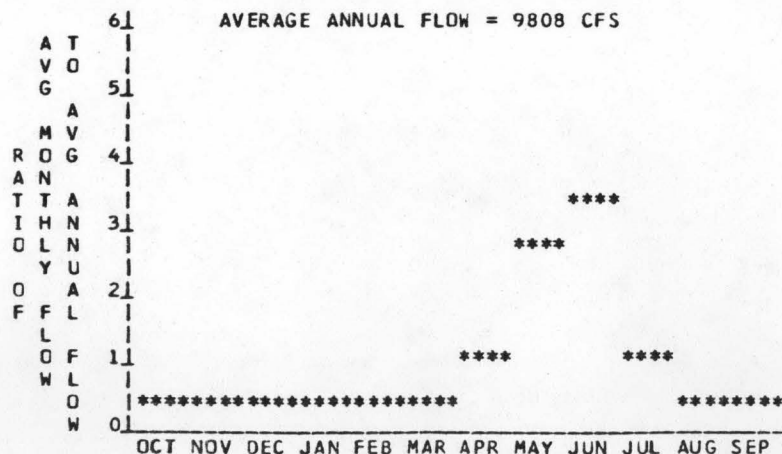
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 1920 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 1720 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 200 FT.
 D. AVERAGE SLOPE IN REACH 9.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 12494 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2743	46.51	406.56	1.00
80	3537	59.96	509.65	0.97
50	4679	79.31	619.85	0.89
30	7180	121.70	768.39	0.72
10	23621	400.36	1256.60	0.36

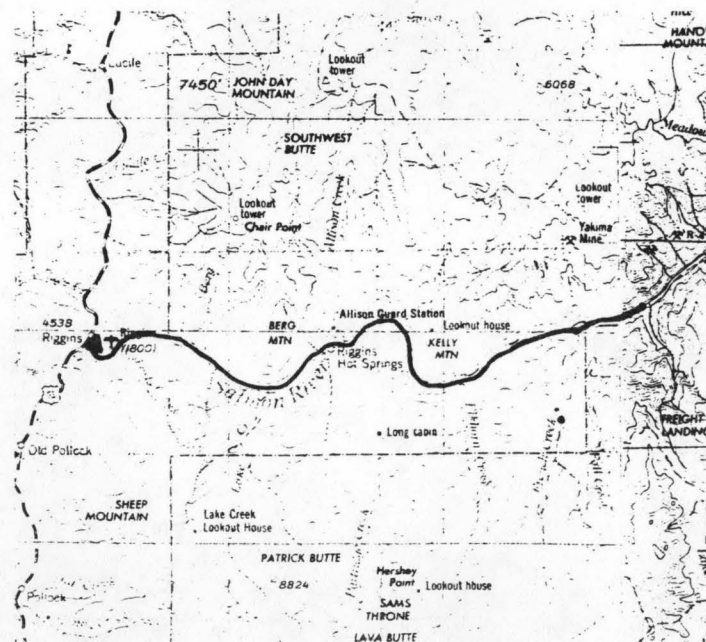
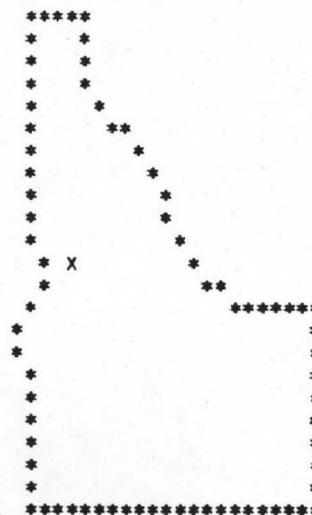
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002406800000014

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T24N R04E
 D. LATITUDE, LONGITUDE 45 27. 115 57
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 102.0 TO 108.0

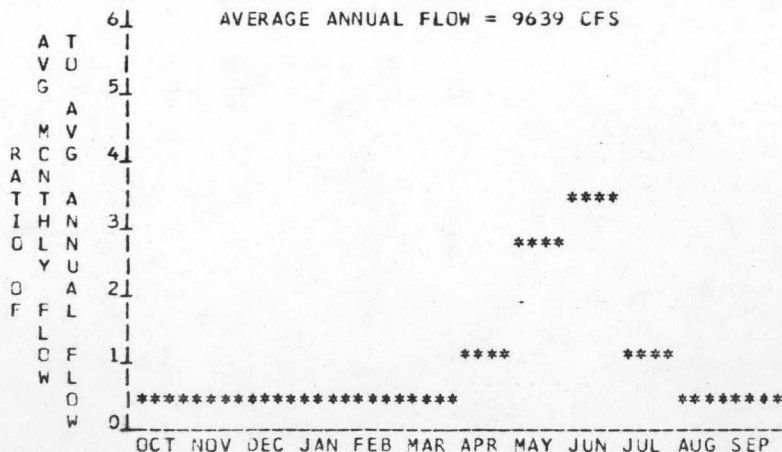
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 1920 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 13.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 12256 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

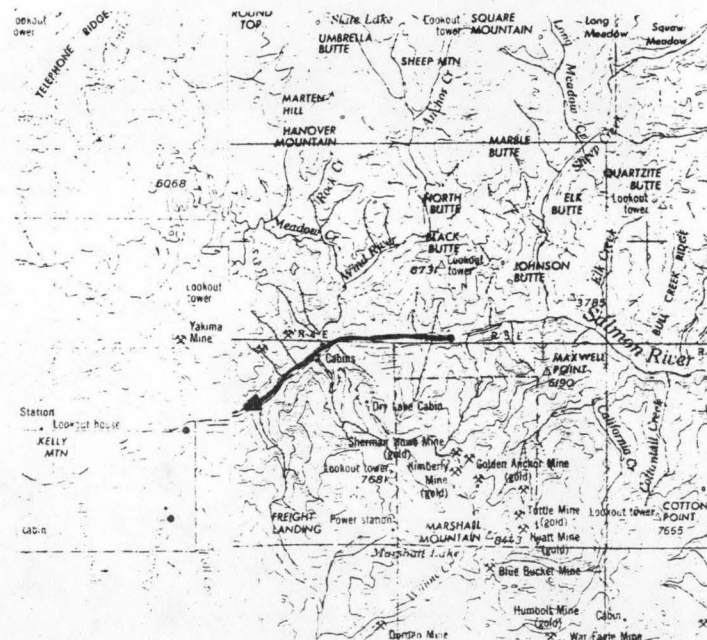
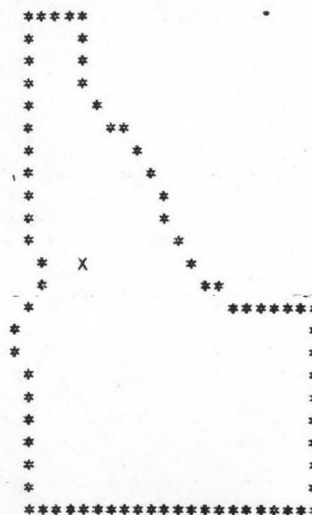
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2699	18.30	160.01	1.00
80	3482	23.61	200.70	0.97
50	4606	31.23	244.08	0.89
30	7073	47.95	302.68	0.72
10	23213	157.38	494.40	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8C0C0R016

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T25N R05E
 D. LATITUDE, LONGITUDE 45 28 115 48
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 108.0 TO 119.0

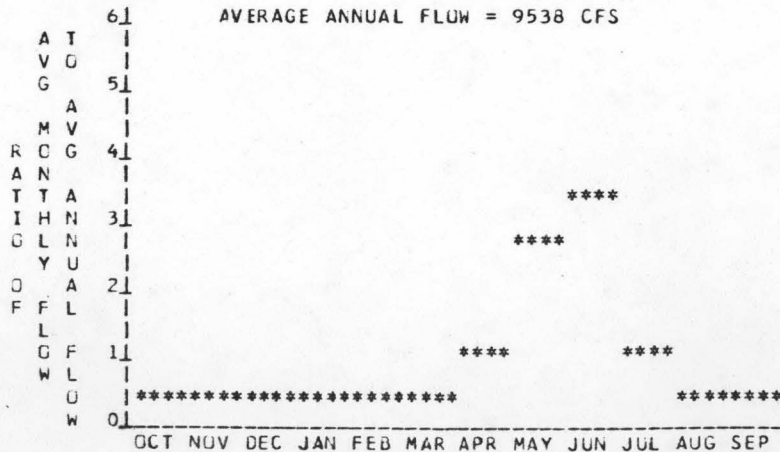
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2080 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 7.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 12149 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

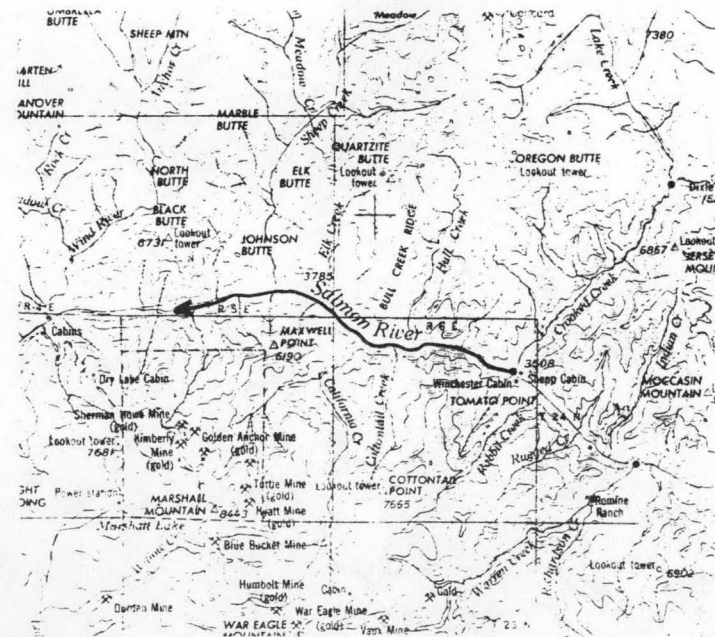
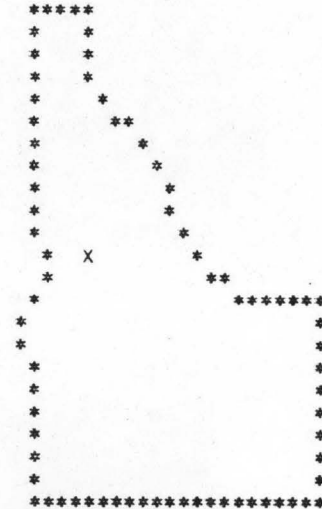
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2673	18.13	158.47	1.00
80	3450	23.39	198.83	0.97
50	4563	30.94	241.79	0.89
30	7009	47.52	299.90	0.72
10	22972	155.75	489.51	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8C0CCR0020

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T24N R07E
 D. LATITUDE, LONGITUDE 45 24 115 37
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 119.0 TO 128.0

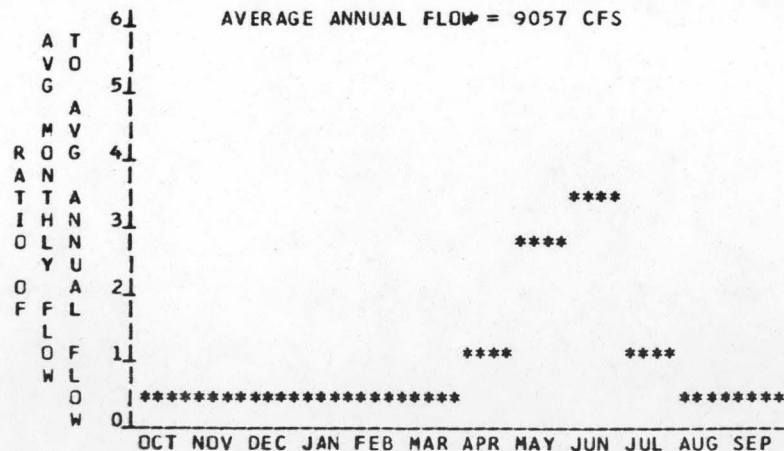
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2160 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2080 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 8.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 11867 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

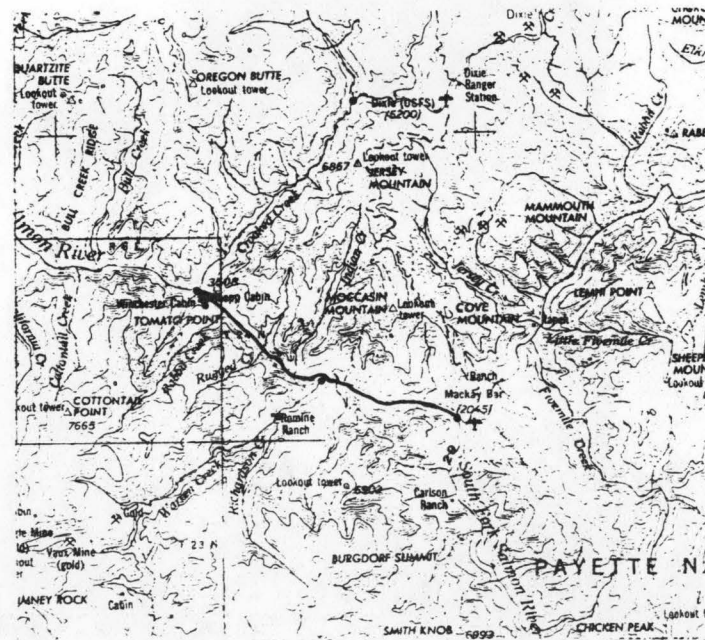
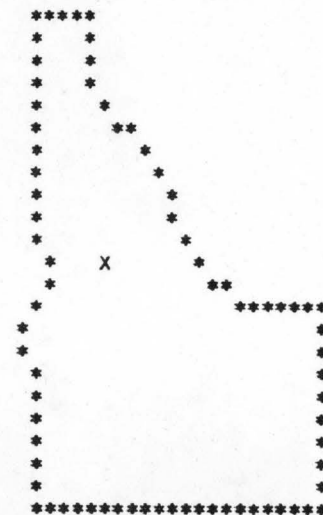
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2548	17.28	151.06	1.00
80	3295	22.34	189.85	0.97
50	4356	29.53	230.81	0.89
30	6704	45.45	286.60	0.72
10	21819	147.93	466.14	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C80000R0024

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T24N R08E
 D. LATITUDE, LONGITUDE 45 27 115 26
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 128.0 TO 139.0

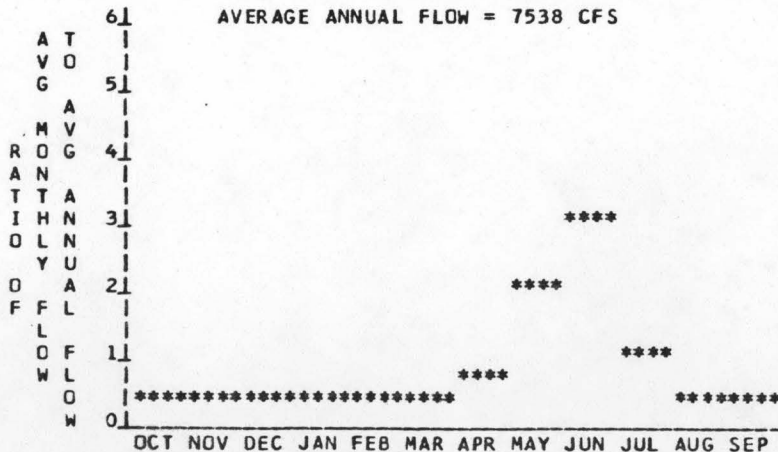
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2400 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 200 FT.
 D. AVERAGE SLOPE IN REACH 18.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 10412 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2150	36.44	318.56	1.00
80	2798	47.43	402.78	0.97
50	3694	62.62	489.28	0.89
30	5711	96.80	609.03	0.72
10	18173	308.03	979.12	0.36

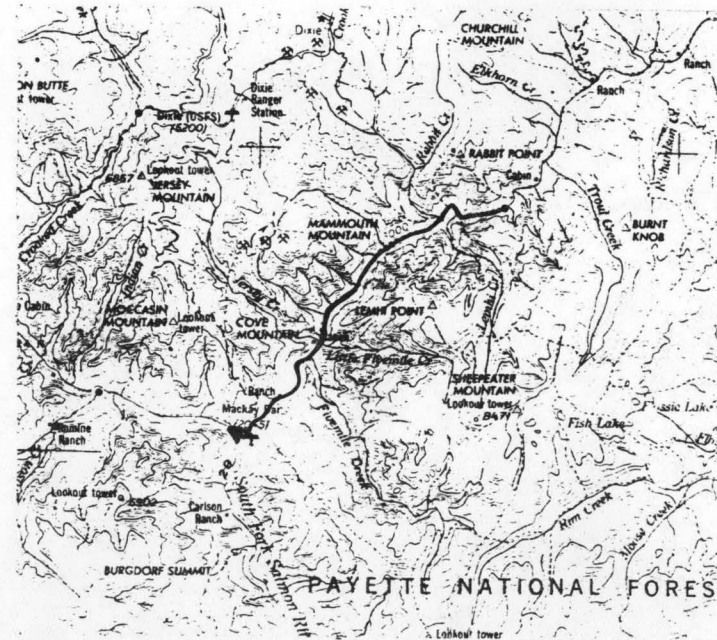
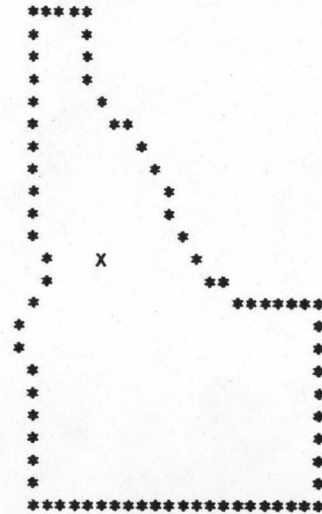
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C800COR0026

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T25N R10E
 D. LATITUDE, LONGITUDE 45 32 115 16
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 139.0 TO 151.0

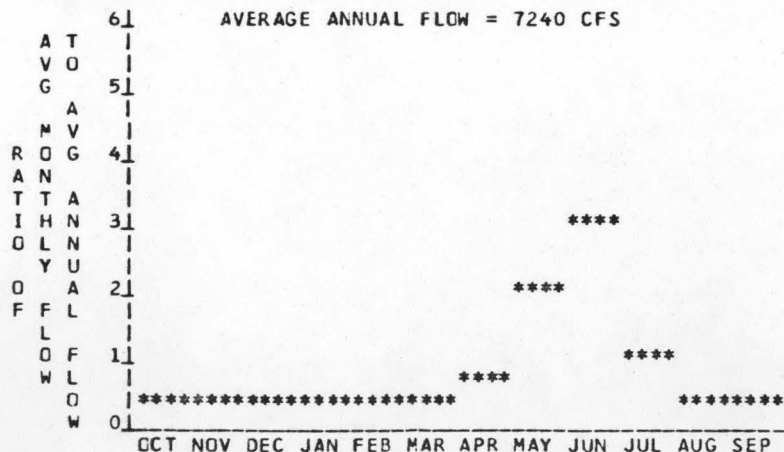
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2400 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 200 FT.
 D. AVERAGE SLOPE IN REACH 16.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 10297 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

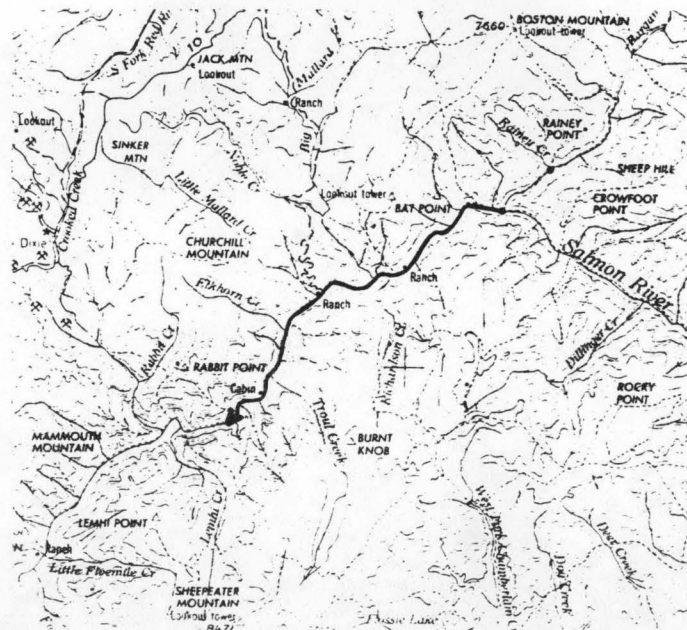
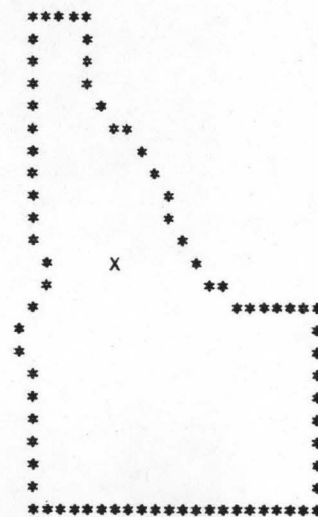
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2071	35.10	306.86	1.00
80	2699	45.75	388.49	0.97
50	3563	60.39	471.83	0.89
30	5501	93.24	586.94	0.72
10	17457	295.88	941.97	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TPO SERIES 1:250000
 SCALE
 MAP NAME ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C80000R0030

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T25N R11E
 D. LATITUDE, LONGITUDE 45 32 115 7
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 151.0 TO 161.0

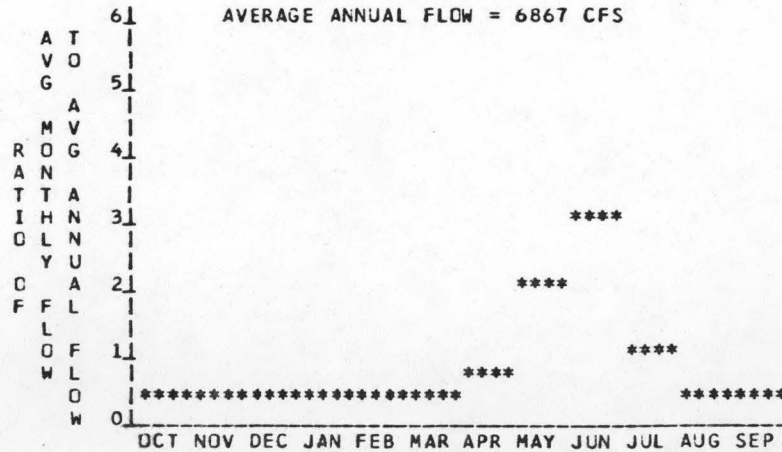
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2700 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2600 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 100 FT.
 D. AVERAGE SLOPE IN REACH 10.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 10038 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1972	16.71	146.11	1.00
80	2575	21.83	185.30	0.97
50	3398	28.80	224.99	0.89
30	5238	44.40	279.65	0.72
10	16563	140.37	447.79	0.36

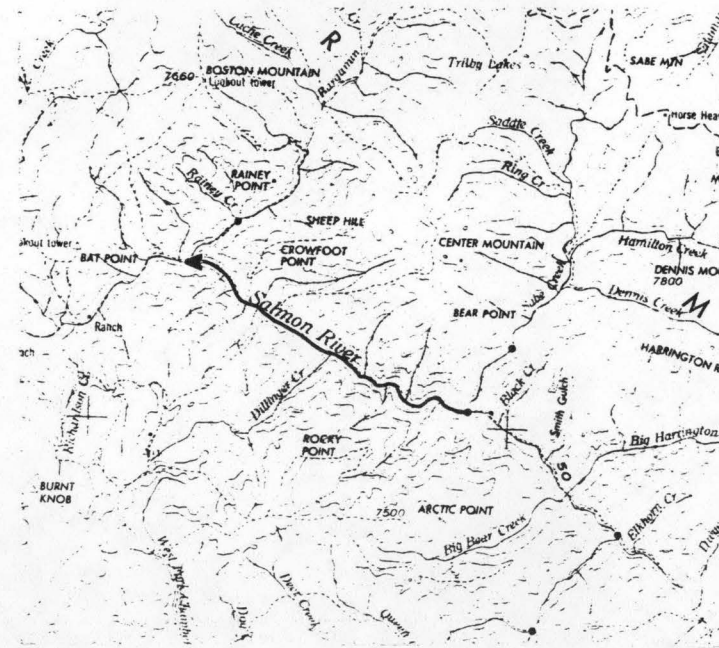
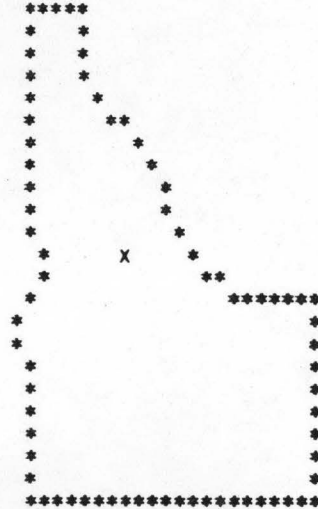
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES
 1:250000
 SCALE

MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC800CCR0034

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T25N R12E
 D. LATITUDE, LONGITUDE 45 29 114 59
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 161.0 TO 167.0

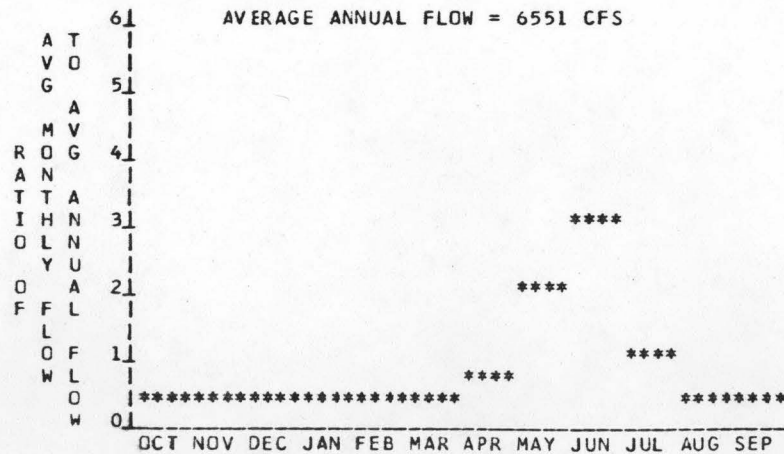
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2750 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2700 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 50 FT.
 D. AVERAGE SLOPE IN REACH 8.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 9885 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

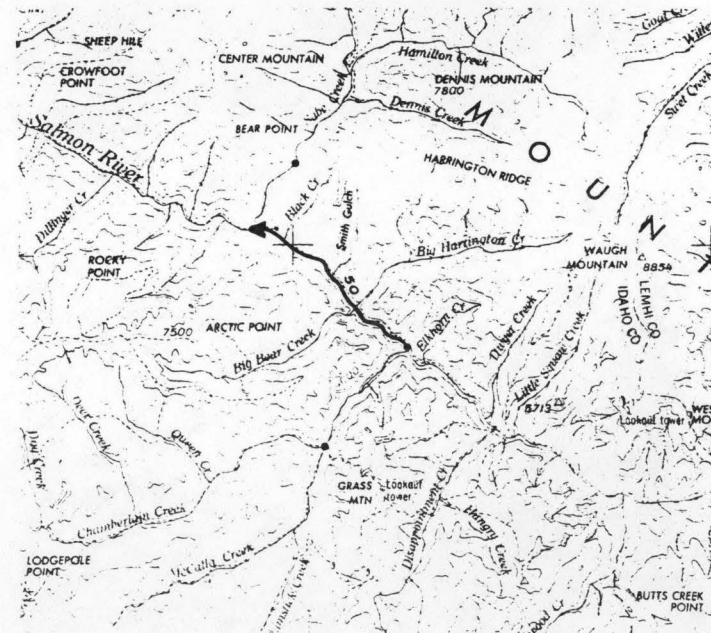
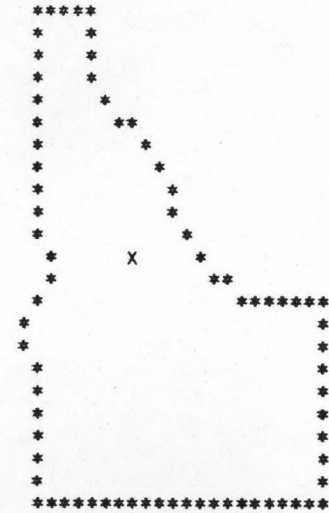
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1887	8.00	69.93	1.00
80	2469	10.46	88.82	0.97
50	3257	13.80	107.83	0.89
30	5014	21.25	133.92	0.72
10	15803	66.96	214.01	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8C0CCCR0038

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T24N R13E
 D. LATITUDE, LONGITUDE 45 25 114 53
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 167.0 TO 178.0

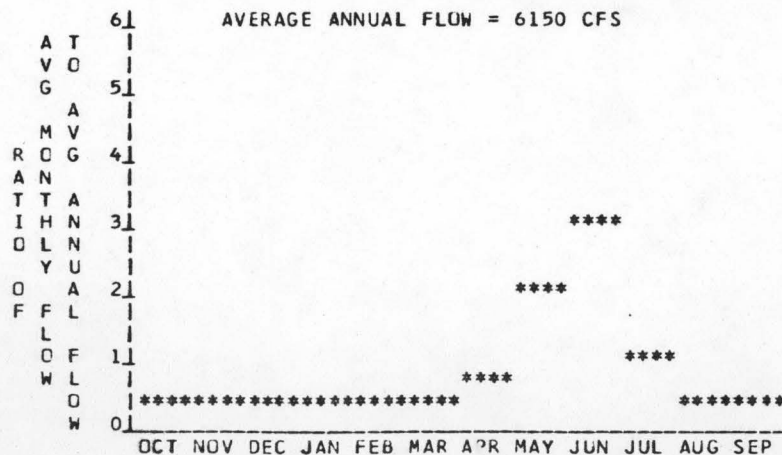
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2900 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2750 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 13.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 9598 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

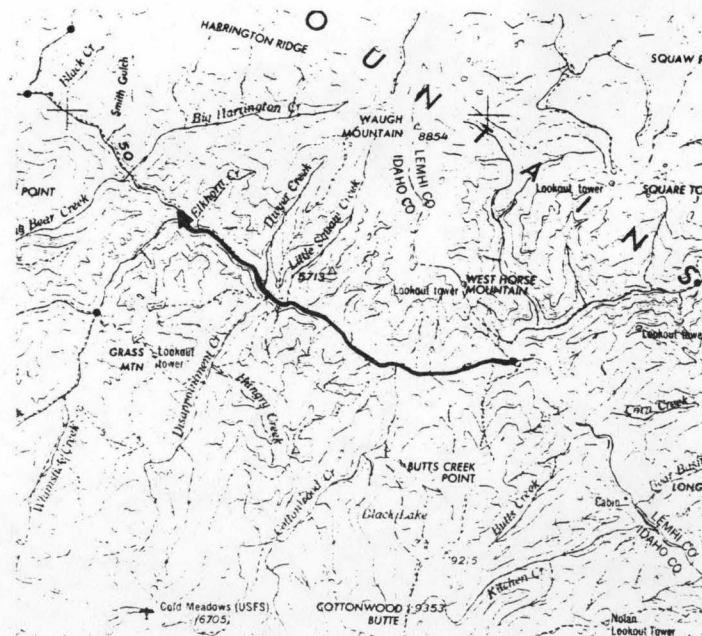
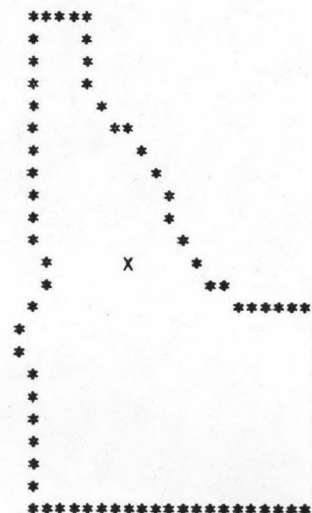
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1780	22.63	197.85	1.00
80	2334	29.68	251.82	0.97
50	3077	39.12	305.62	0.89
30	4729	60.12	379.20	0.72
10	14839	188.63	604.35	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TGPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008000CR0042

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI, IDAHO
 C. TOWNSHIP, RANGE T23N R14E
 D. LATITUDE, LONGITUDE 45 21 114 41
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 178.0 TO 189.0

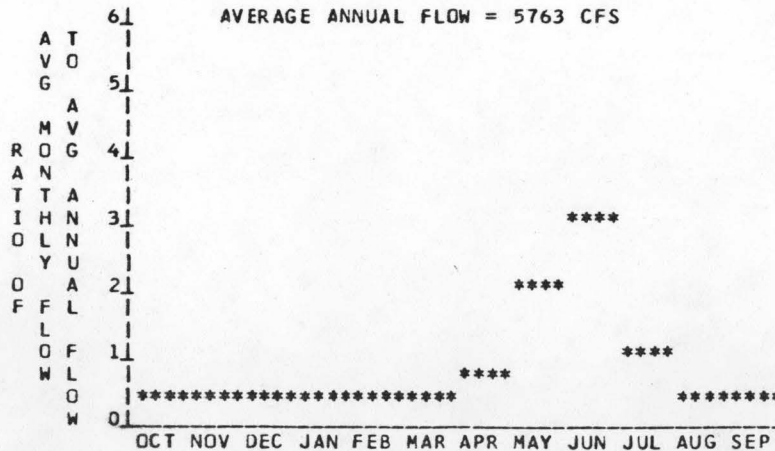
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3010 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2900 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 110 FT.
 D. AVERAGE SLOPE IN REACH 10.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 9303 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1676	15.63	136.63	1.00
80	2203	20.54	174.27	0.97
50	2903	27.07	211.43	0.89
30	4453	41.52	262.06	0.72
10	13910	129.68	416.52	0.37

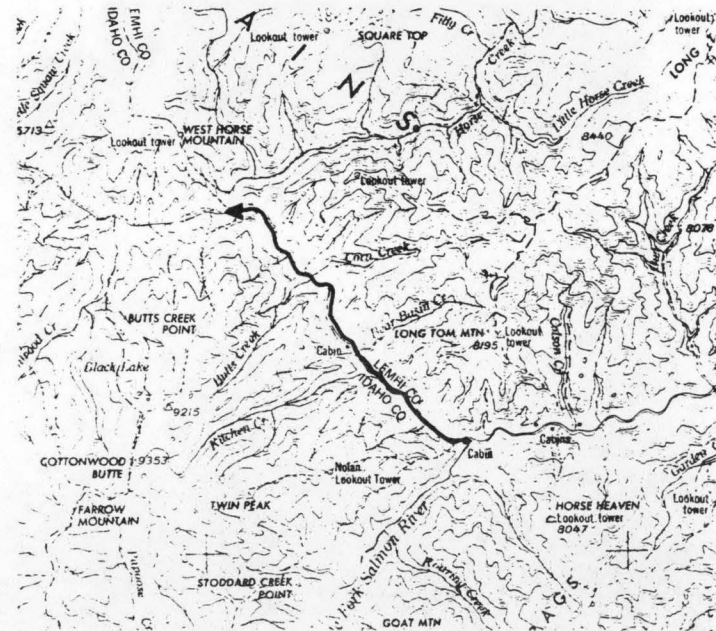
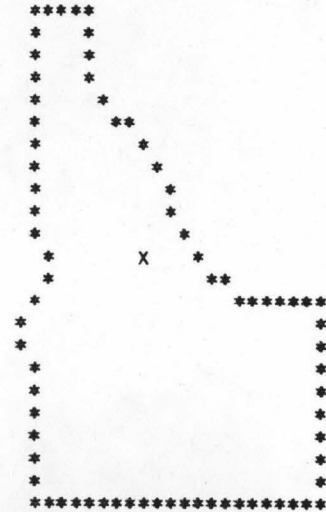
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008000CR0044

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T24N R17E
 D. LATITUDE, LONGITUDE 45 22 114 28
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 189.0 TO 197.0

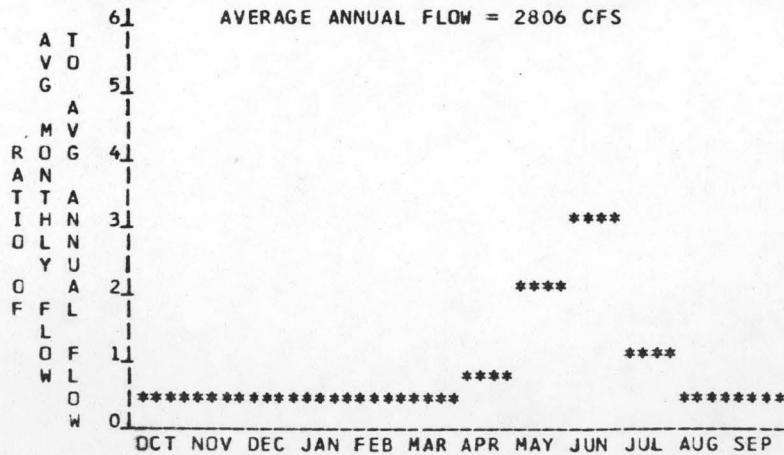
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3160 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3010 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 18.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 6350 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	819	10.42	91.05	1.00
80	1070	13.61	115.55	0.97
50	1453	18.48	143.24	0.89
30	2098	26.67	171.96	0.74
10	6793	86.35	276.52	0.37

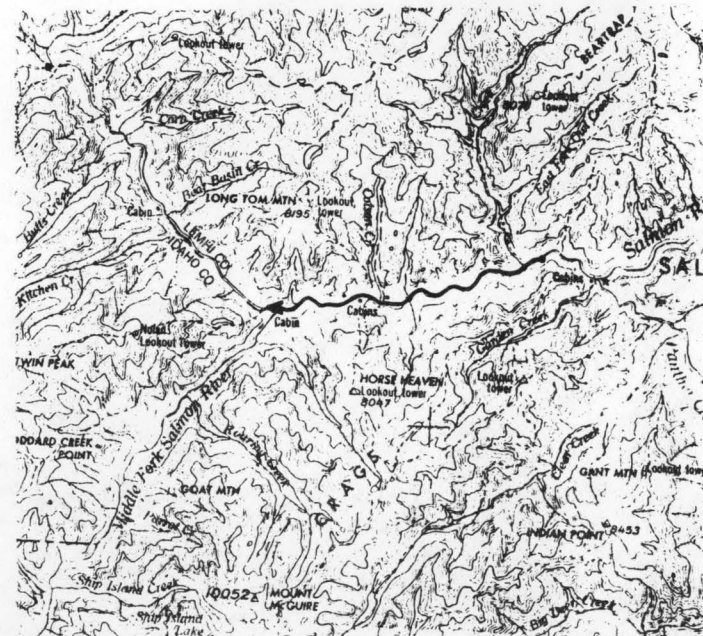
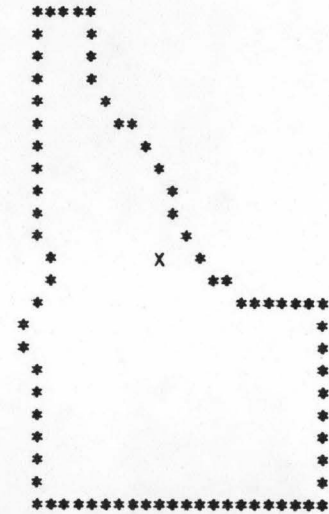
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8CCCCR0046

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T24N R19E
 D. LATITUDE, LONGITUDE 45 24 114 12
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 197.0 TO 226.0

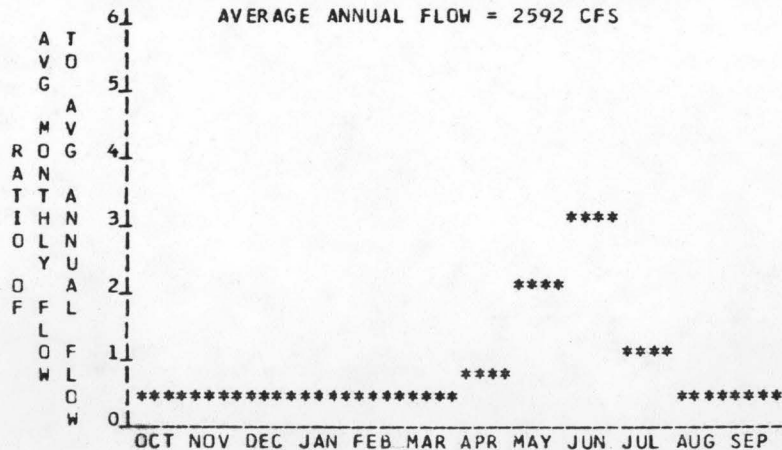
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 400 FT.
 D. AVERAGE SLOPE IN REACH 13.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 5723 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

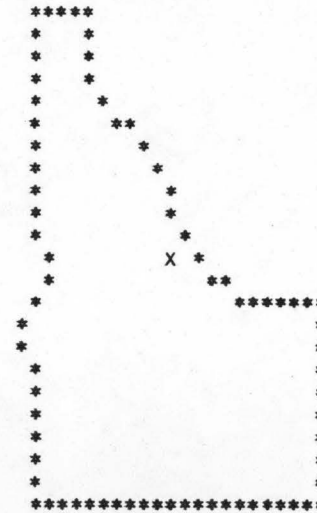
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	757	25.66	224.34	1.00
80	981	33.27	282.63	0.97
50	1336	45.32	351.26	0.88
30	1930	65.43	421.73	0.74
10	6278	212.83	679.96	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080000R0048

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T23N R22E
 D. LATITUDE, LONGITUDE 45 19 113 54
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 226.0 TO 246.0

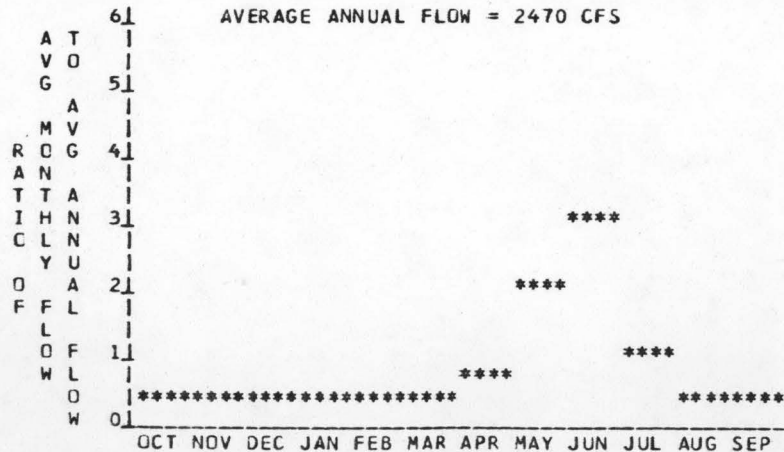
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3920 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3600 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 320 FT.
 D. AVERAGE SLOPE IN REACH 16.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 5237 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

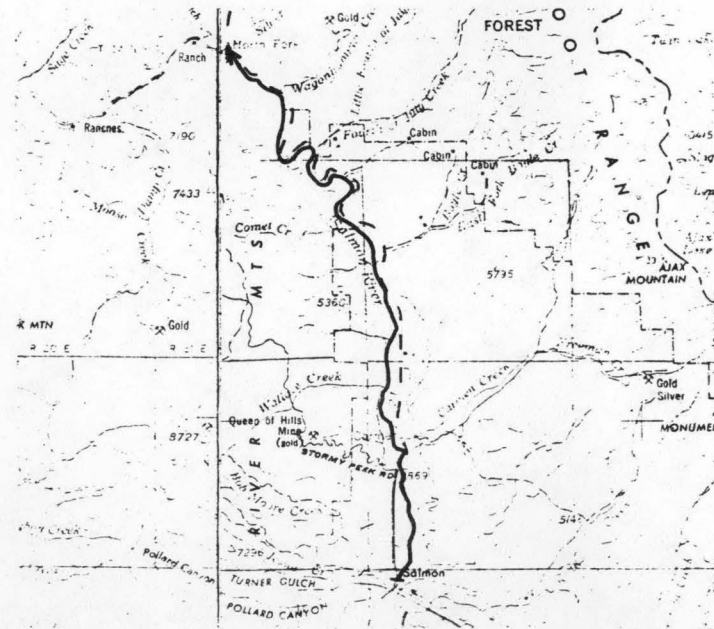
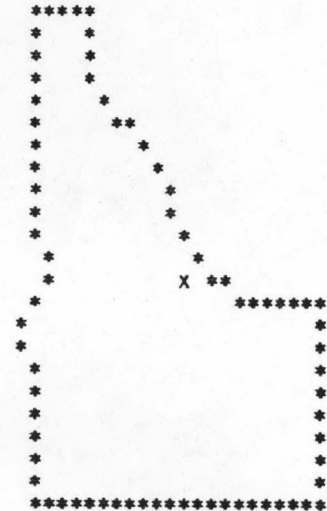
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	721	19.56	170.99	1.00
80	930	25.23	214.46	0.97
50	1268	34.39	266.60	0.89
30	1834	49.74	320.38	0.74
10	5982	162.24	517.49	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME DILLON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8C00CROC50

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T20N R21E
D. LATITUDE, LONGITUDE	45 1 113 55
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	246.0 TO 270.4

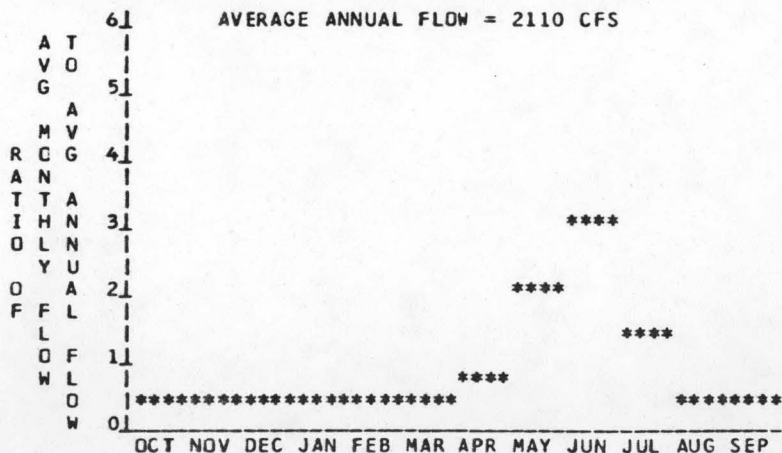
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4360 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3940 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	420 FT.
D. AVERAGE SLOPE IN REACH	17.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	3745 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

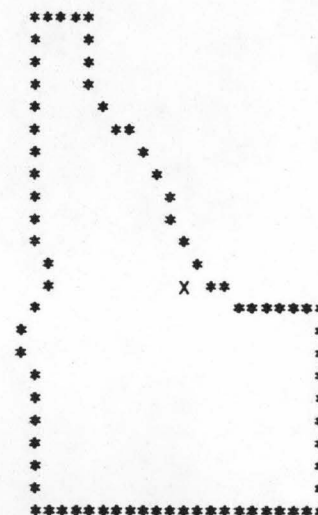
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	606	21.60	188.87	1.00
80	782	27.85	236.74	0.97
50	1068	38.01	294.62	0.88
30	1553	55.31	355.21	0.73
10	5115	182.09	577.34	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DILLON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8C0G0R0052

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T18N R21E
 D. LATITUDE, LONGITUDE 44 51 113 59
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 270.0 TO 286.0

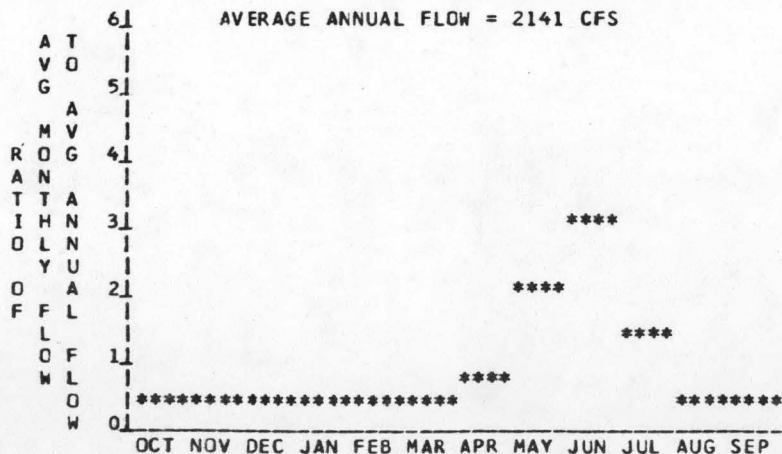
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4640 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4360 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 280 FT.
 D. AVERAGE SLOPE IN REACH 17.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3459 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	616	14.63	127.91	1.00
80	794	18.86	160.34	0.97
50	1084	25.74	199.52	0.88
30	1577	37.43	240.48	0.73
10	5189	123.14	390.64	0.36

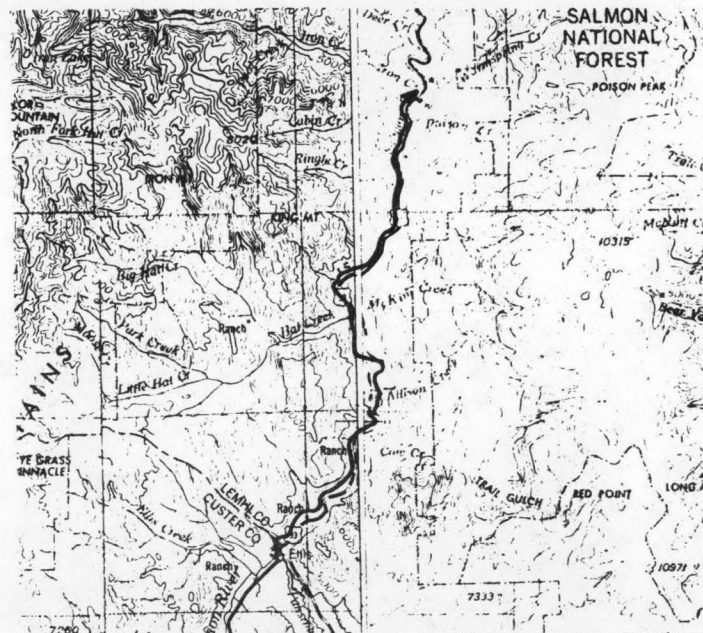
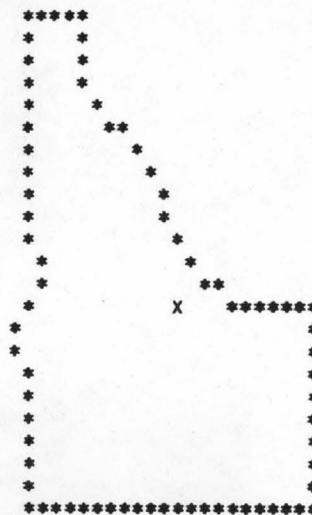
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8C00CROC54

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T15N R20E
D. LATITUDE, LONGITUDE	44 39 114 6
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	286.0 TO 300.0

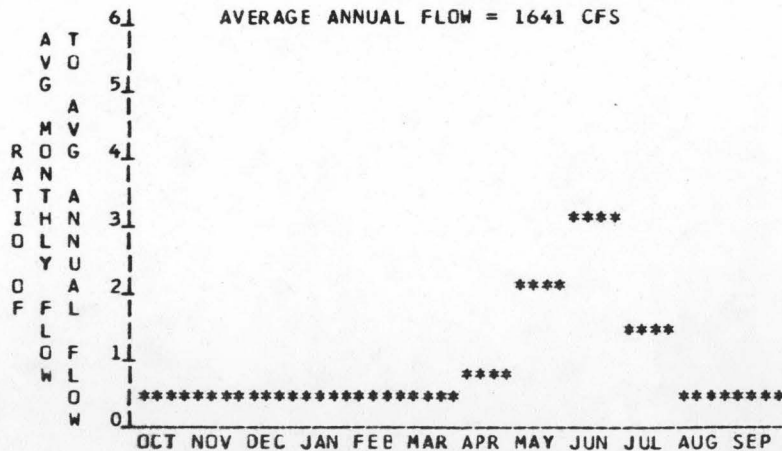
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4830 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4640 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	190 FT.
D. AVERAGE SLOPE IN REACH	13.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2425 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	460	7.41	64.82	1.00
80	593	9.55	81.18	0.97
50	811	13.07	101.21	0.88
30	1191	19.19	122.66	0.73
10	3982	64.12	201.39	0.36

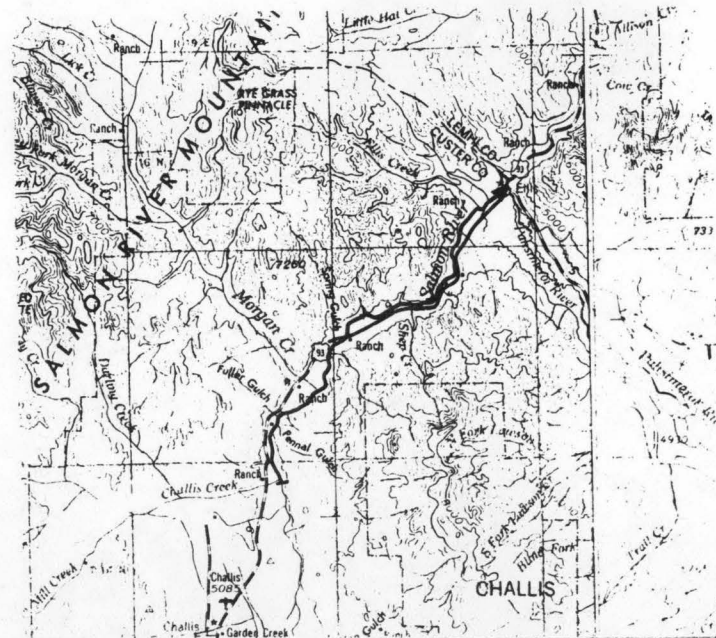
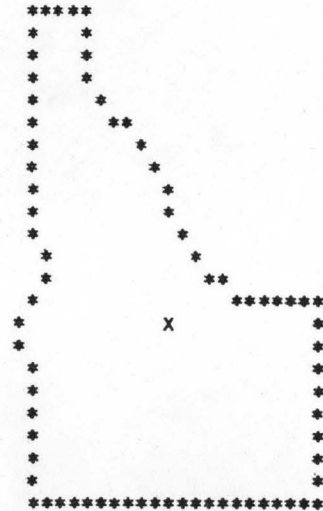
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8000CROC56

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T14N R19E
 D. LATITUDE, LONGITUDE 44 31 114 11
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 300.0 TO 311.0

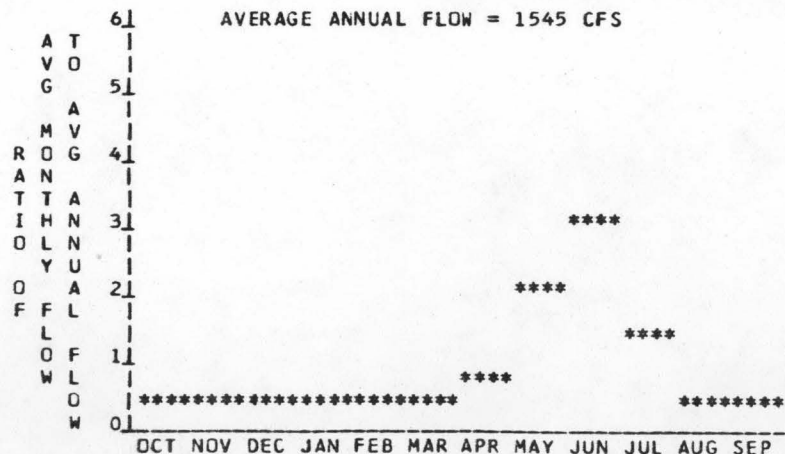
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5040 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4830 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 210 FT.
 D. AVERAGE SLOPE IN REACH 19.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2085 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	430	7.67	67.04	1.00
80	554	9.87	83.95	0.97
50	759	13.52	104.71	0.88
30	1118	19.90	127.07	0.73
10	3750	66.74	209.12	0.36

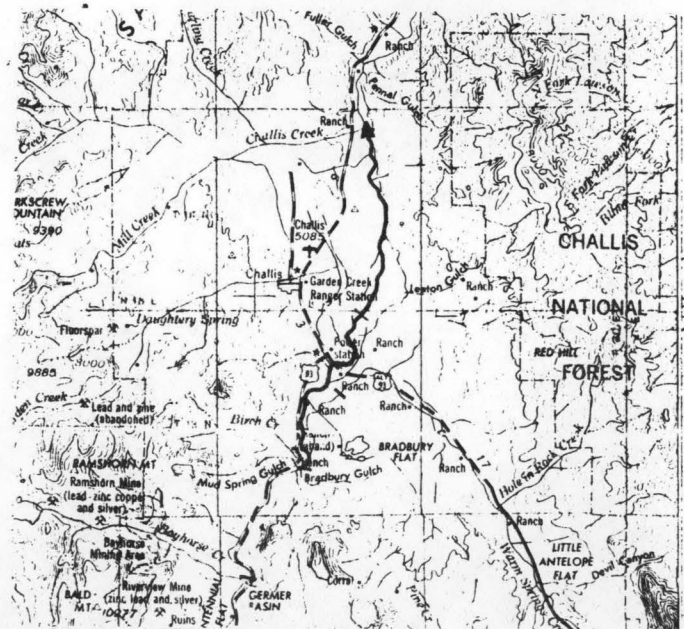
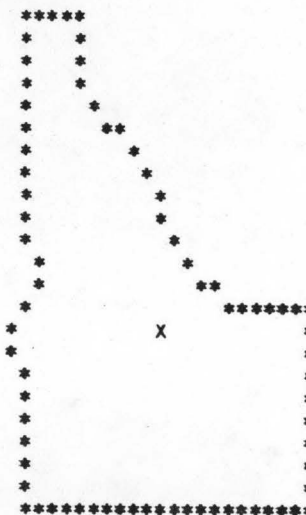
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE

MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240G8C00CROC60

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T13N R19E
 D. LATITUDE, LONGITUDE 44 25 114 15
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 311.0 TO 316.0

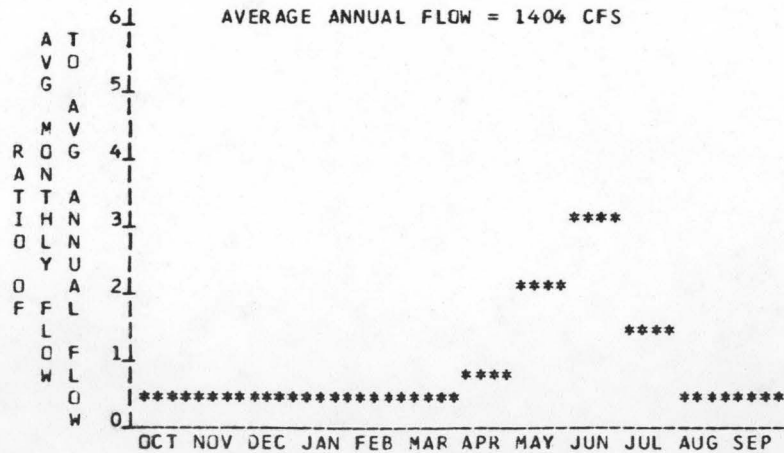
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5170 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5040 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 130 FT.
 D. AVERAGE SLOPE IN REACH 26.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1805 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

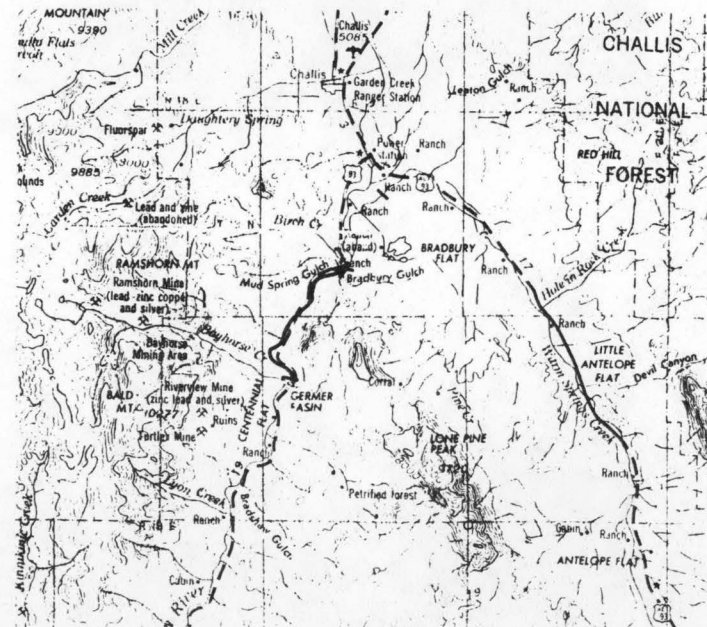
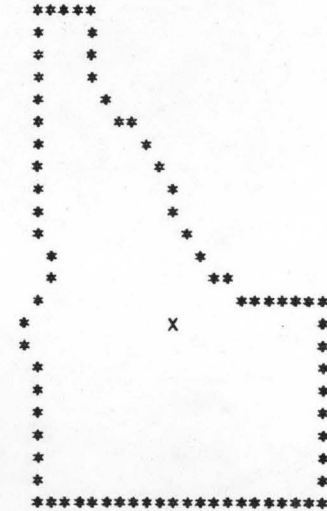
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	387	4.27	37.36	1.00
80	499	5.50	46.77	0.97
50	684	7.54	58.37	0.88
30	1010	11.14	70.98	0.73
10	3409	37.56	117.27	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8000R0062

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T12N R18E
D. LATITUDE, LONGITUDE	44 20 114 32
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	316.0 TO 329.5

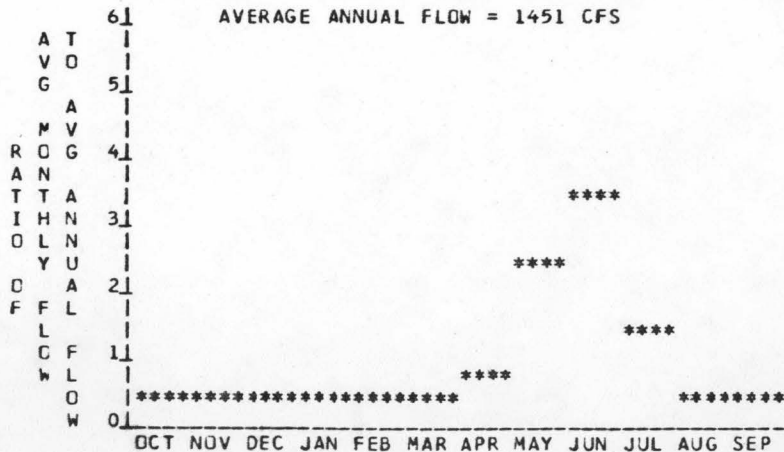
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5430 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5170 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	260 FT.
D. AVERAGE SLOPE IN REACH	19.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1791 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

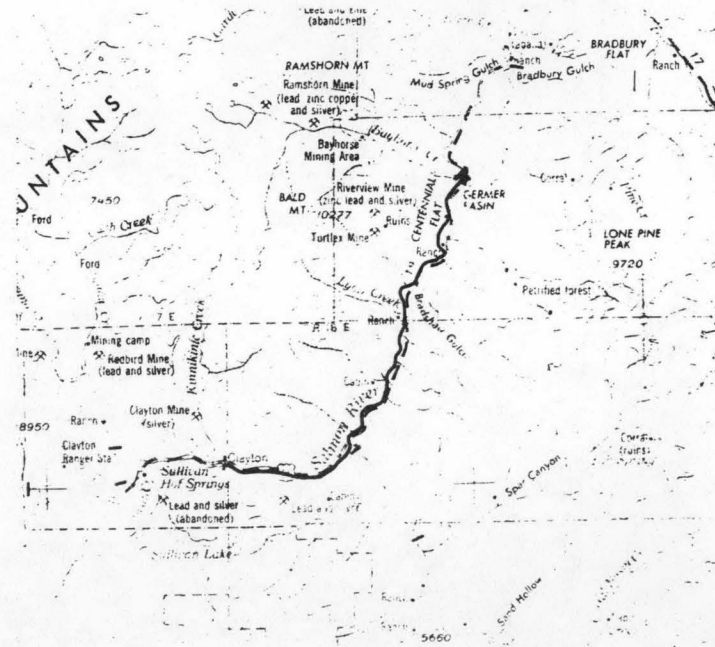
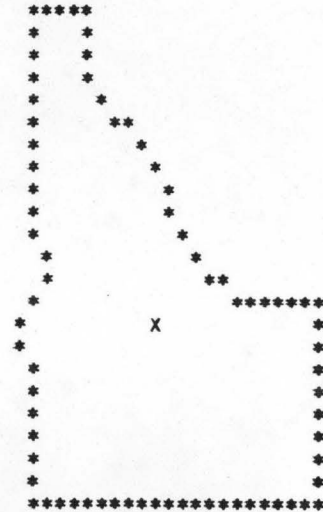
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	402	8.86	77.47	1.00
80	517	11.41	96.98	0.97
50	709	15.63	121.01	0.88
30	1046	23.06	147.05	0.73
10	3522	77.61	242.63	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE
MAP NAME
CHALLIS



REACH HYDRG-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8C0CCR0066

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T11N R17E
 D. LATITUDE, LONGITUDE 44 16 114 25
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 329.5 TO 336.5

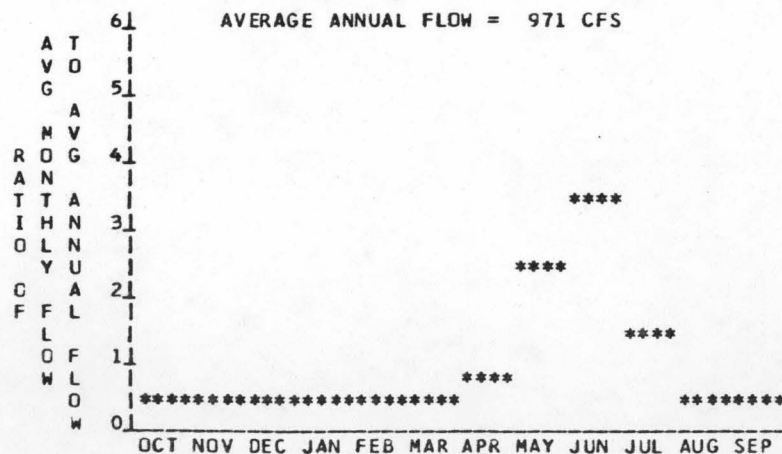
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5580 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5430 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 21.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1137 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	258	3.29	28.75	1.00
80	332	4.23	35.95	0.97
50	457	5.81	44.98	0.88
30	685	8.71	55.13	0.72
10	2361	30.02	92.46	0.35

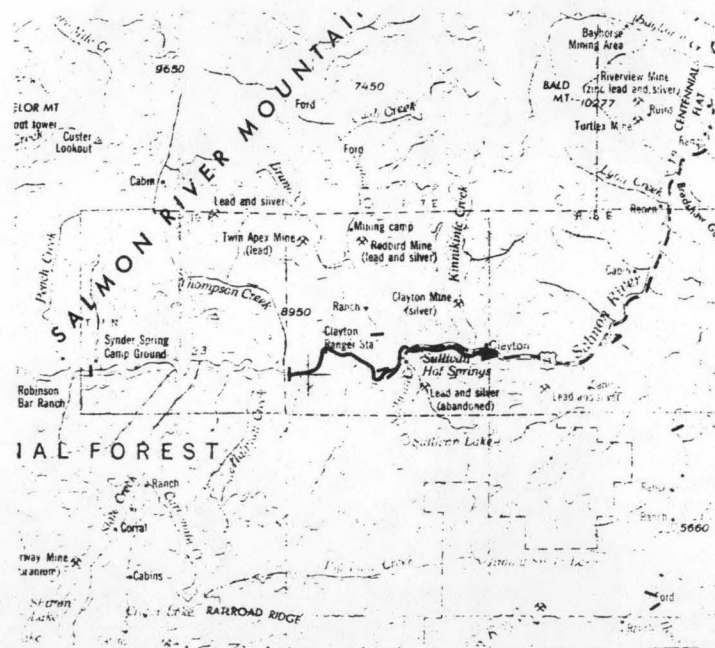
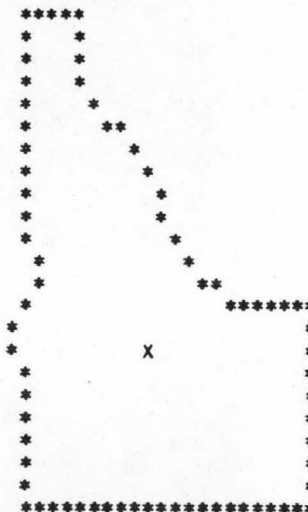
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240C8C000R0068

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T11N R16E
D. LATITUDE, LONGITUDE	44 15 114 33
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	336.5 TO 343.0

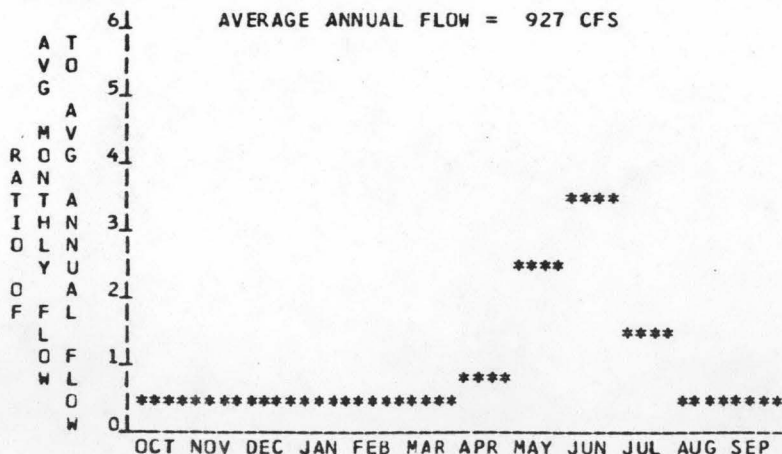
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5820 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5620 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	200 FT.
D. AVERAGE SLOPE IN REACH	30.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1007 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

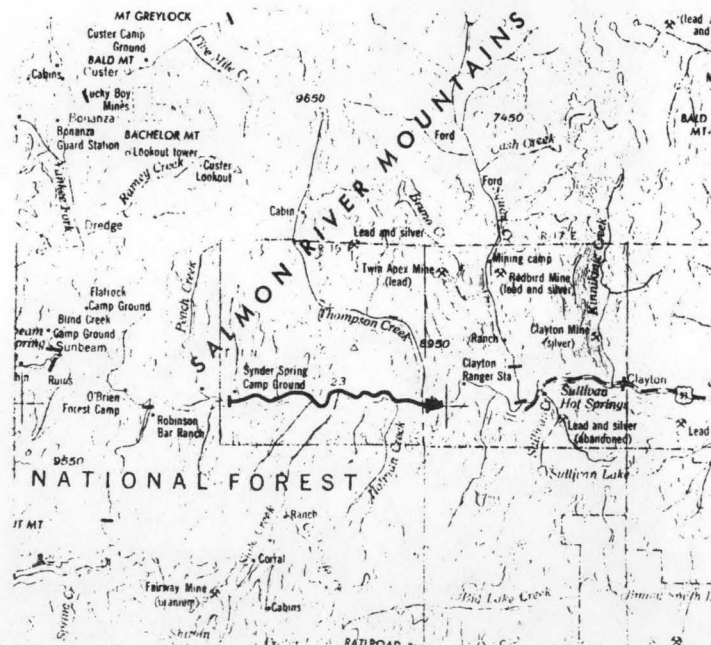
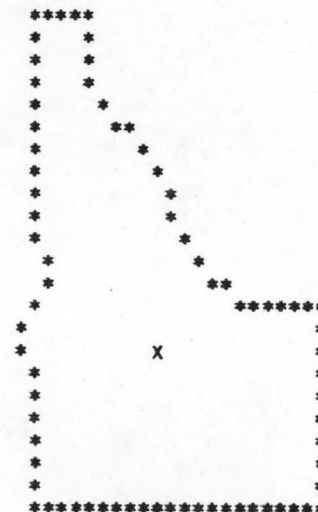
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	246	4.17	36.46	1.00
80	316	5.36	45.58	0.97
50	435	7.38	57.06	0.88
30	652	11.07	69.99	0.72
10	2256	38.24	117.60	0.35

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8CC0CR0070

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T11N R15E
 D. LATITUDE, LONGITUDE 44 15 114 40
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 343.0 TO 349.0

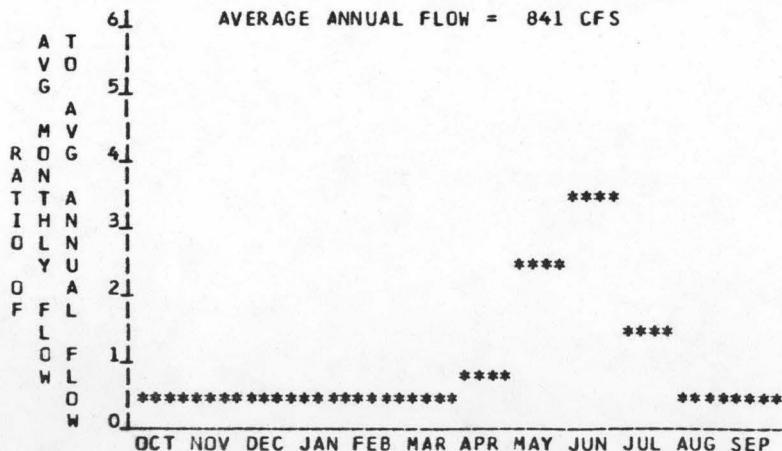
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5920 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5820 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 100 FT.
 D. AVERAGE SLOPE IN REACH 16.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 919 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	221	1.87	16.38	1.00
80	284	2.41	20.47	0.97
50	391	3.32	25.65	0.88
30	589	4.99	31.52	0.72
10	2048	17.36	53.18	0.35

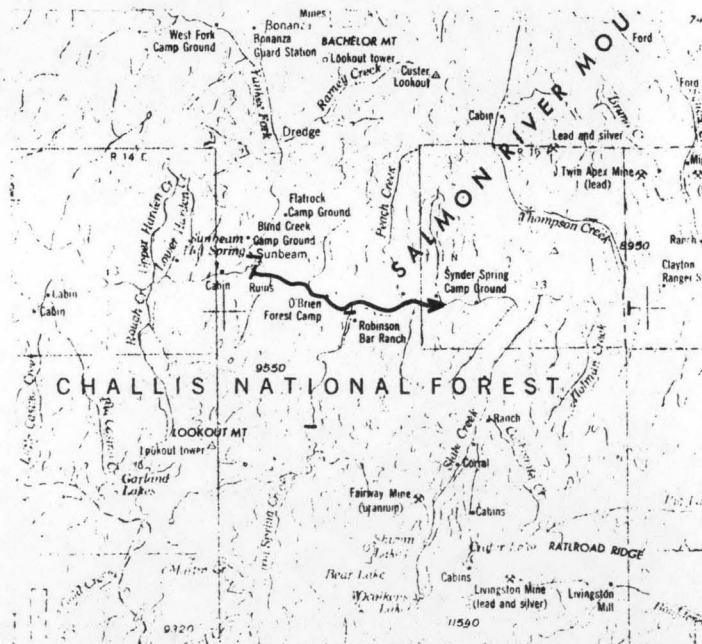
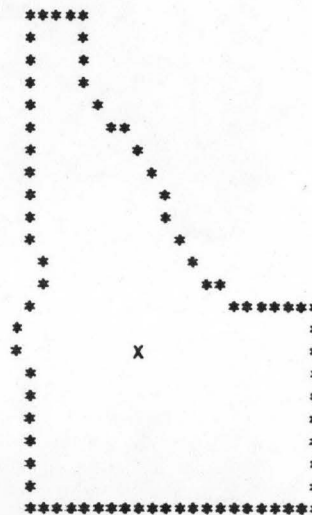
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8000CROC78

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T11N R14E
 D. LATITUDE, LONGITUDE 44 16 114 50
 E. STREAM NAME SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 349.0 TO 360.0

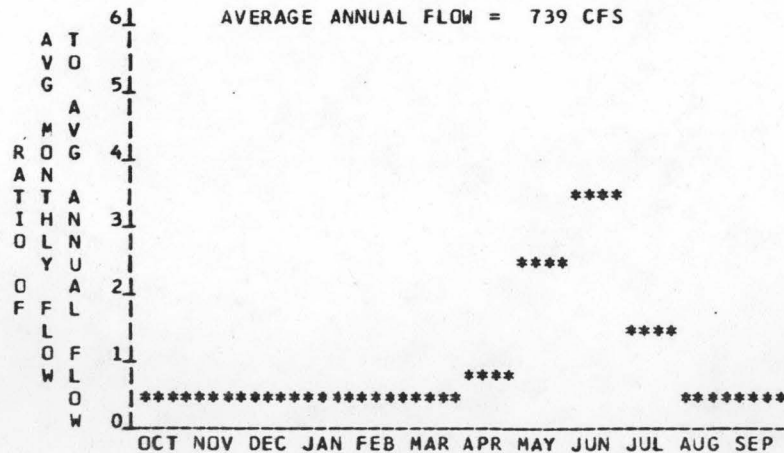
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6195 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5920 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 275 FT.
 D. AVERAGE SLOPE IN REACH 25.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 622 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	191	4.47	39.06	1.00
80	246	5.74	48.79	0.97
50	339	7.91	61.18	0.88
30	513	11.97	75.41	0.72
10	1798	41.92	127.88	0.35

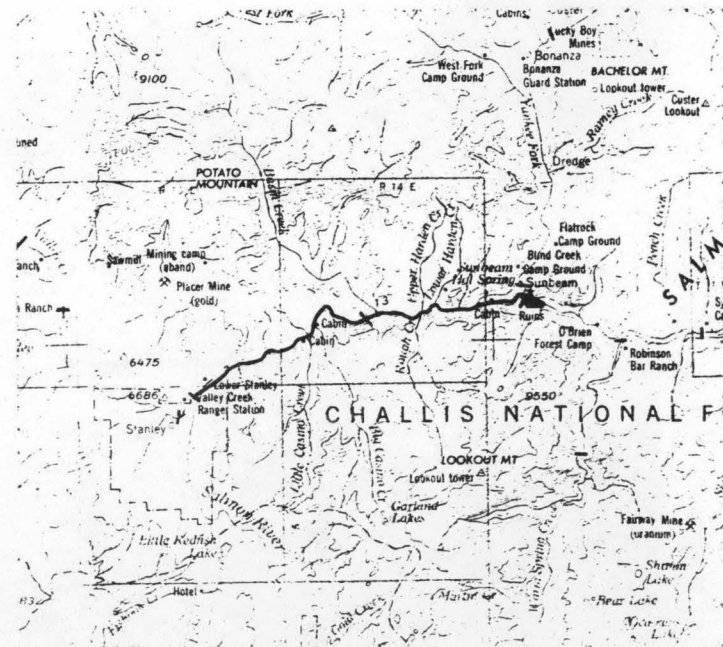
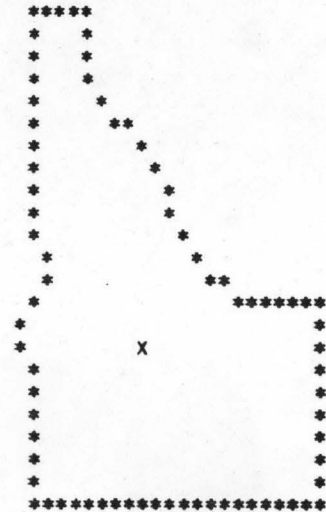
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240G8C000R0082

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	TION R13E
D. LATITUDE, LONGITUDE	44 11 114 55
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	360.0 TO 375.0

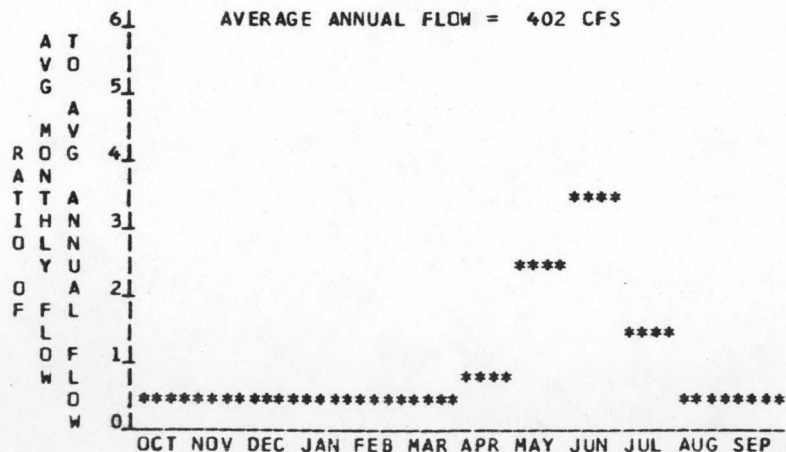
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6690 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6195 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	495 FT.
D. AVERAGE SLOPE IN REACH	33.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	376 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	98	4.13	36.10	1.00
80	126	5.29	45.02	0.97
50	175	7.34	56.69	0.88
30	270	11.37	70.78	0.71
10	981	41.17	123.01	0.34

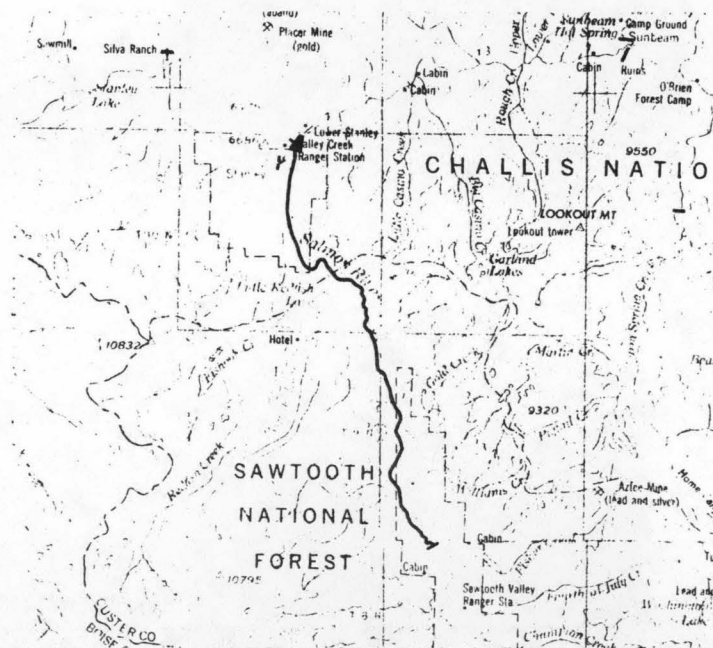
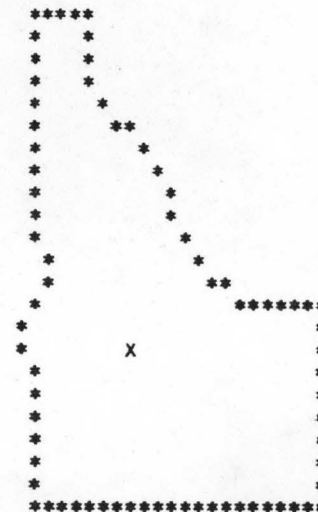
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080000R0C84

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T08N R14E
D. LATITUDE, LONGITUDE	44 0 114 50
E. STREAM NAME	SALMON RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	375.0 TO 379.0

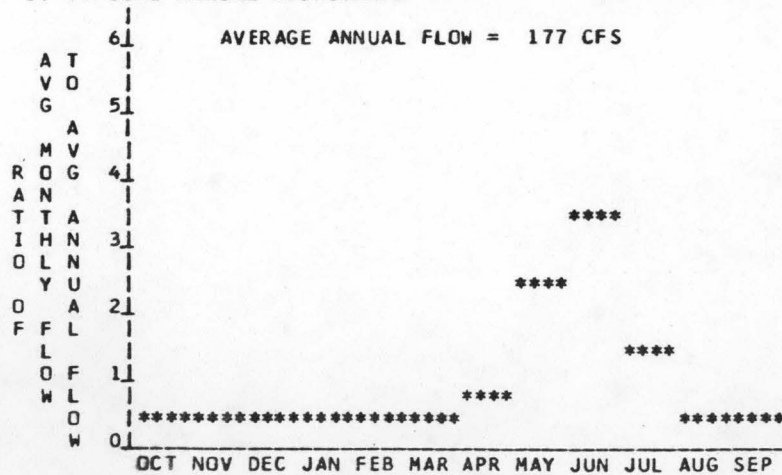
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6800 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6690 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	110 FT.
D. AVERAGE SLOPE IN REACH	27.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	250 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

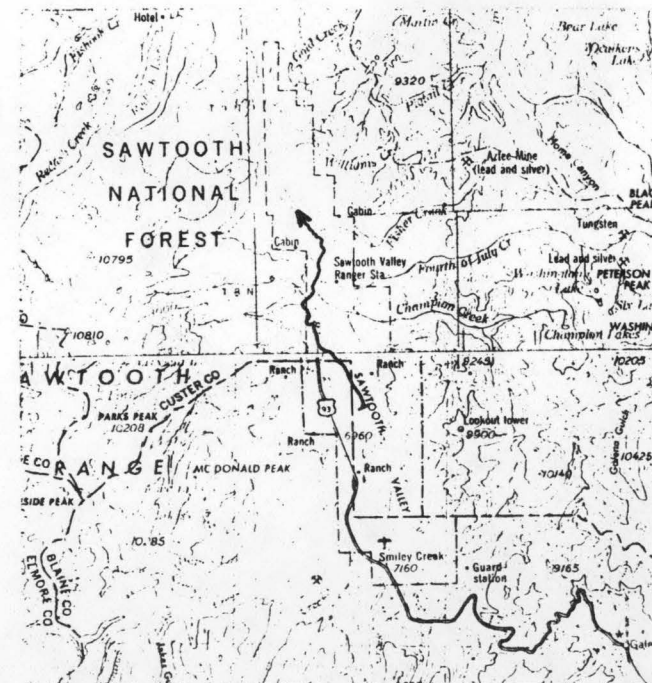
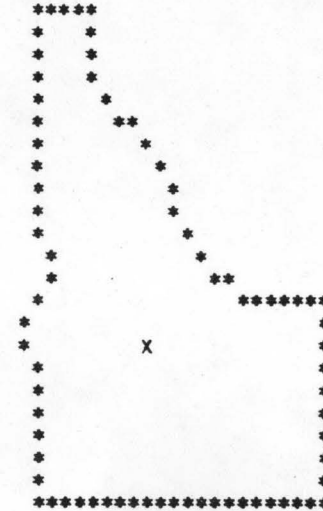
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	40	0.60	5.22	1.00
80	51	0.76	6.49	0.97
50	71	1.07	8.22	0.88
30	114	1.70	10.45	0.70
10	433	6.46	18.79	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024CC00C2R0006

I LOCATION

A. STATE	IDAHO
B. COUNTY	IDAHO
C. TOWNSHIP, RANGE	T27N R02E
D. LATITUDE, LONGITUDE	45 39 116 10
E. STREAM NAME	SLATE CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 7.3

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2600 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	1540 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1060 FT.
D. AVERAGE SLOPE IN REACH	145.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	141 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	2.71	23.70	1.00
80	36	3.46	29.45	0.97
50	50	4.85	37.38	0.88
30	82	7.84	47.85	0.70
10	317	30.27	87.14	0.33

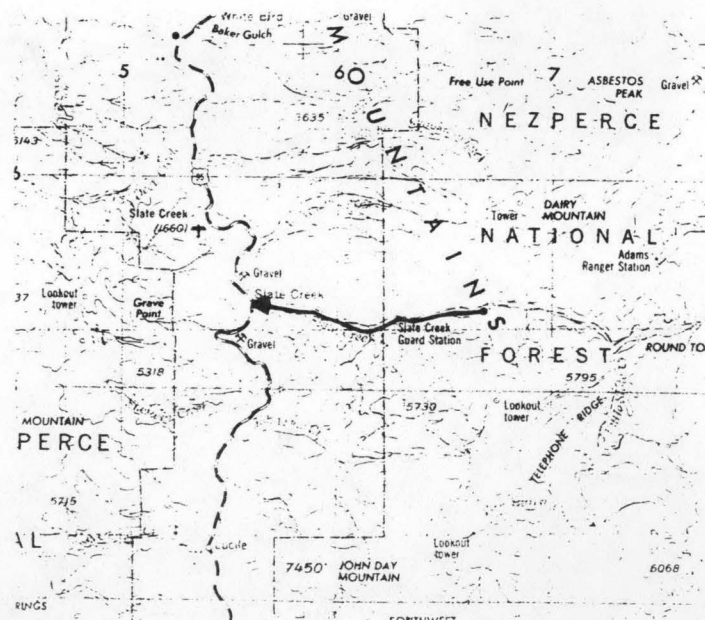
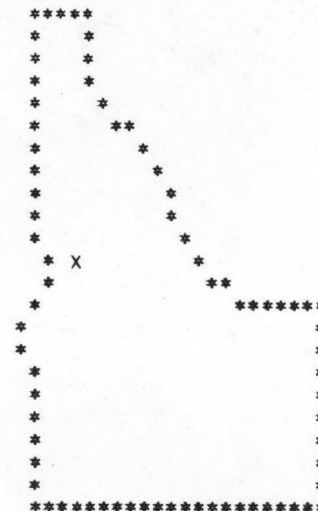
IV TYPICAL ANNUAL HYDROGRAPH

	61	AVERAGE ANNUAL FLOW = 129 CFS
A T		
V O		
G	51	
A		
M V		
R O G	41	
A N		
T T A		
I H N	31	****
O L N		****
Y U		
O F F L	21	
L O F		
W	11	****
O		****
W	01	*****

		OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE
MAP NAME
GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080010R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADAMS, IDAHO
C. TOWNSHIP, RANGE	T22N R01E
D. LATITUDE, LONGITUDE	45 16 116 21
E. STREAM NAME	LITTLE SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 27.0

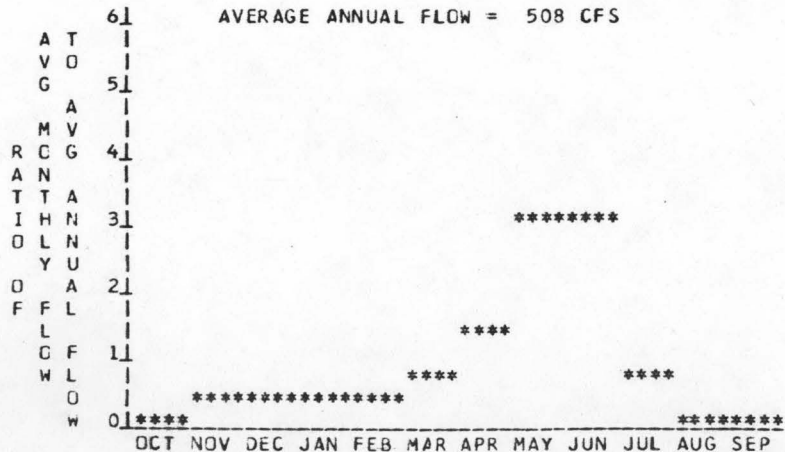
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3800 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	1800 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	2000 FT.
D. AVERAGE SLOPE IN REACH	74.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	584 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	126	21.52	188.16	1.00
80	162	27.61	234.79	0.97
50	225	38.21	295.15	0.88
30	345	58.63	366.72	0.71
10	1237	209.67	631.34	0.34

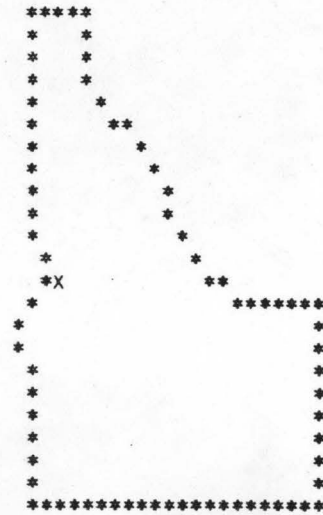
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240080010R00C8

I LOCATION

A. STATE IDAHO
 B. COUNTY ADAMS
 C. TOWNSHIP, RANGE T19N R01E
 D. LATITUDE, LONGITUDE 45 1 116 17
 E. STREAM NAME LITTLE SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 27.0 TO 37.0

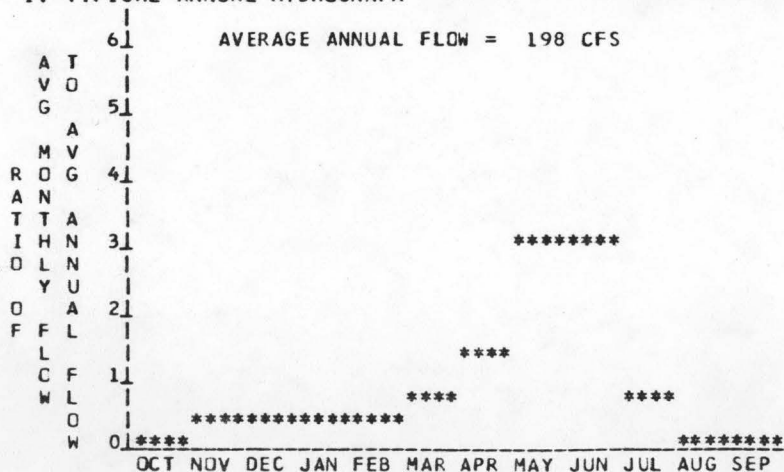
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3860 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3800 FT. MSL
 C. TOTAL AVAILABLE HEAC IN REACH 60 FT.
 D. AVERAGE SLOPE IN REACH 6.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 188 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

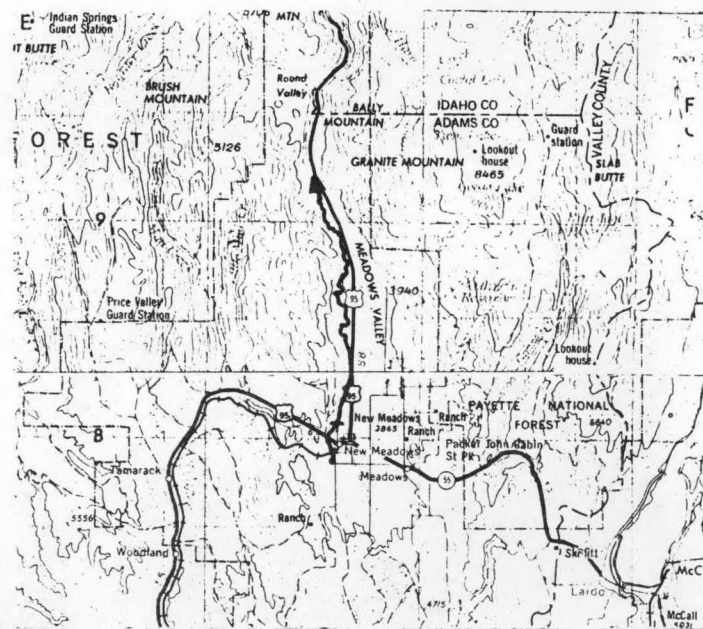
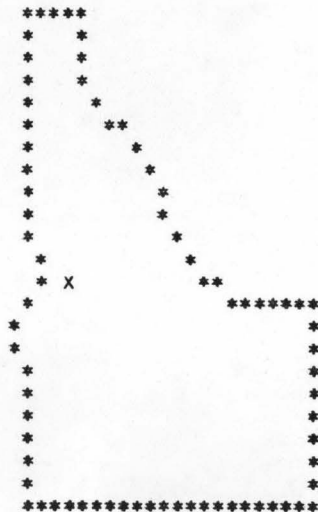
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	45	0.48	4.22	1.00
80	57	0.62	5.26	0.97
50	80	0.86	6.65	0.88
30	128	1.37	8.43	0.70
10	484	5.17	15.09	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES 1:250000
 SCALE
 MAP NAME GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C010R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T23N R01W
 D. LATITUDE, LONGITUDE 45 19 116 25
 E. STREAM NAME RAPID RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 5.6

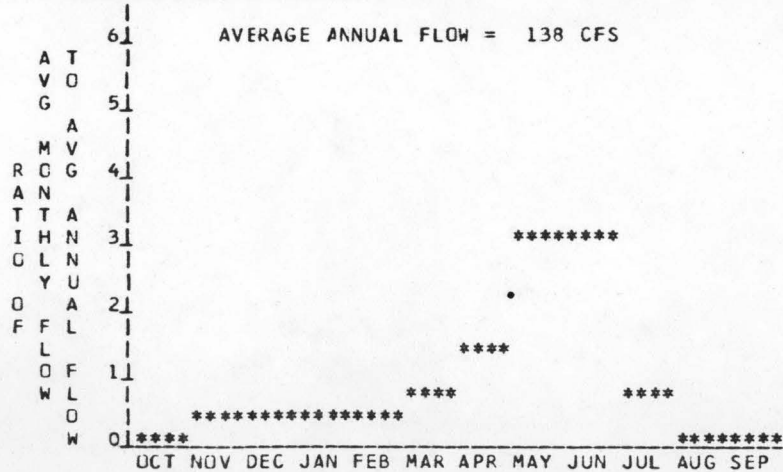
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 600 FT.
 D. AVERAGE SLOPE IN REACH 107.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 126 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	30	1.73	15.09	1.00
80	39	2.20	18.75	0.97
50	54	3.09	23.79	0.88
30	88	4.98	30.40	0.70
10	339	19.14	55.21	0.33

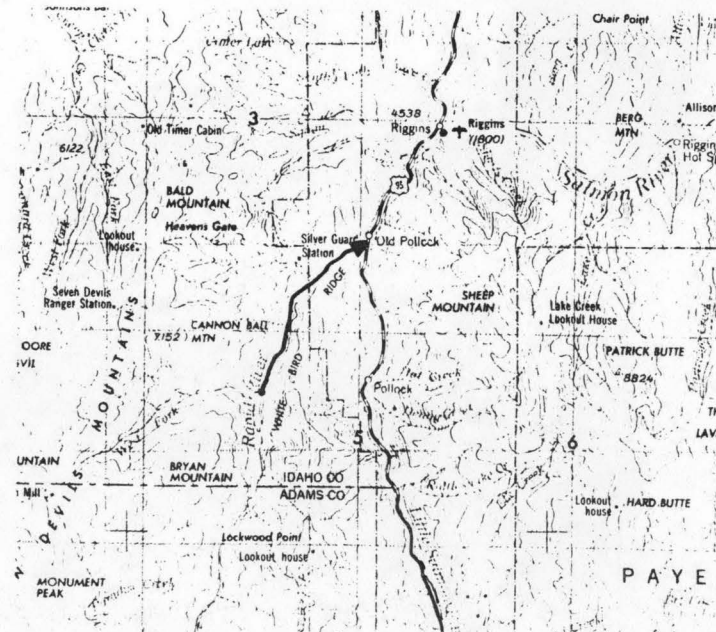
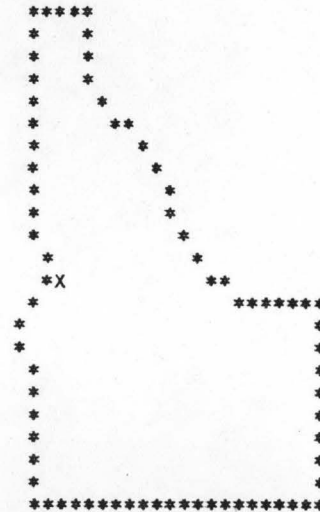
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C010R0006

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T22N R02E
 D. LATITUDE, LONGITUDE 45 12 116 15
 E. STREAM NAME HAZARD CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 1.4

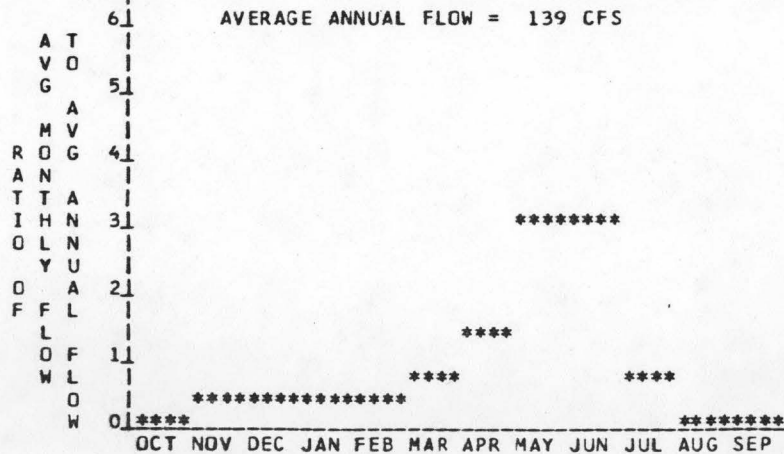
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3280 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 57.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 86 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	30	0.38	3.33	1.00
80	39	0.49	4.14	0.97
50	55	0.68	5.25	0.88
30	88	1.10	6.70	0.70
10	340	4.22	12.17	0.33

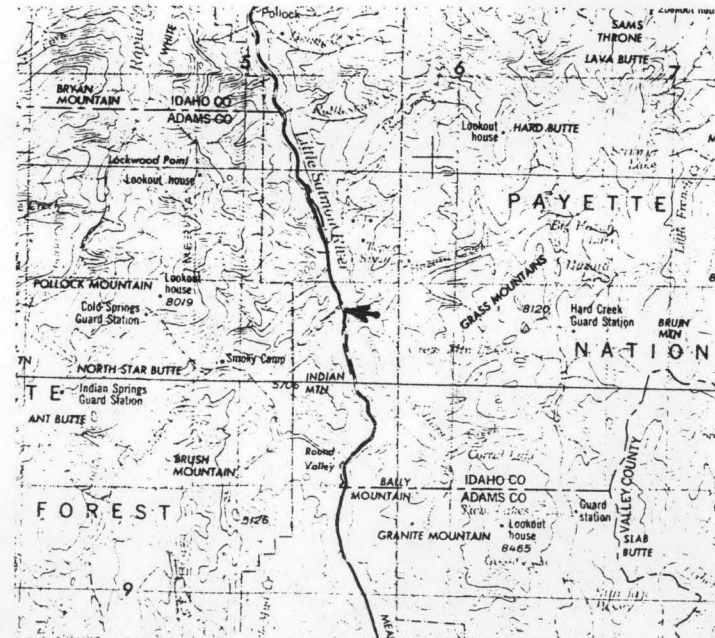
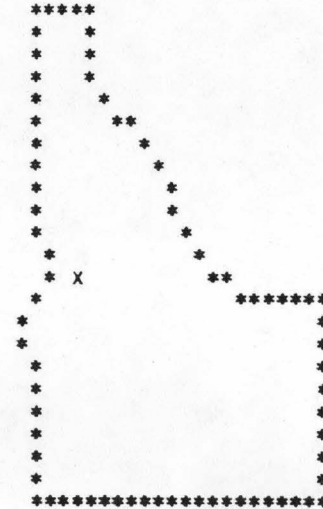
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8C012R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	IDAHO
C. TOWNSHIP, RANGE	T23N R03E
D. LATITUDE, LONGITUDE	45 20 116 3
E. STREAM NAME	FRENCH CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 2.6

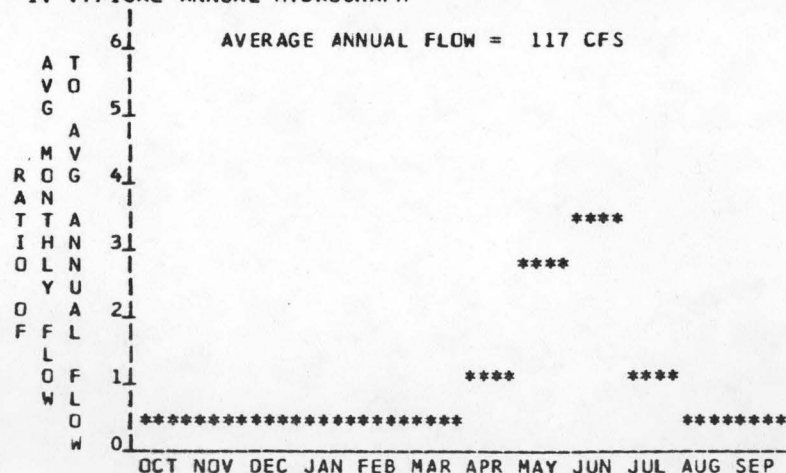
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3000 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	1920 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1080 FT.
D. AVERAGE SLOPE IN REACH	415.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	77 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	2.46	21.54	1.00
80	32	3.14	26.75	0.97
50	45	4.41	33.98	0.88
30	73	7.15	43.58	0.70
10	286	27.78	79.72	0.33

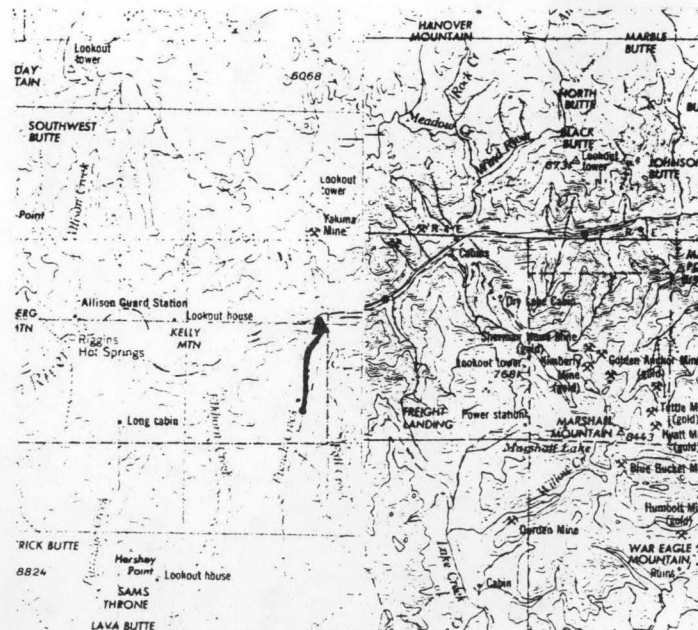
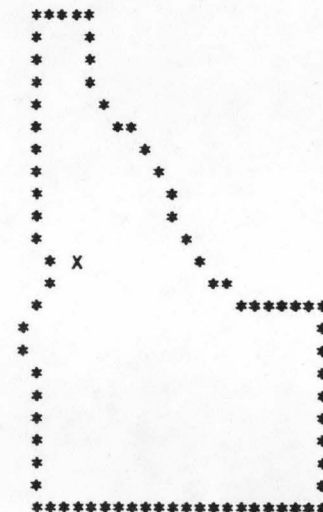
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080015R0018

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T25N RC7E
 D. LATITUDE, LONGITUDE 45 29 115 37
 E. STREAM NAME CROOKED CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 7.5

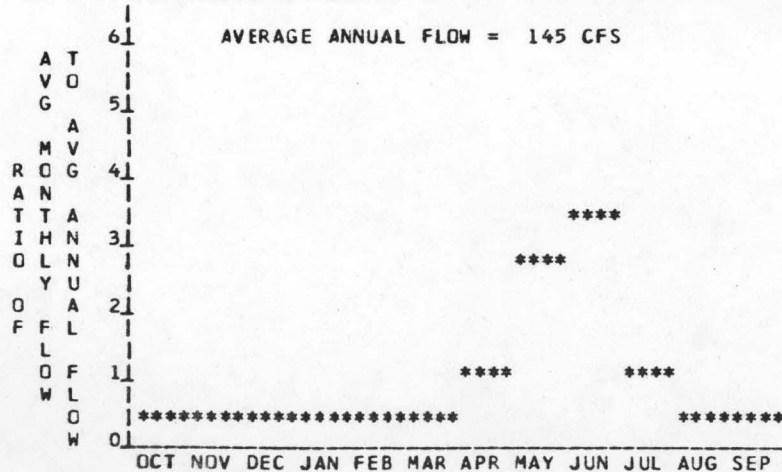
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4400 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2080 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 2320 FT.
 D. AVERAGE SLOPE IN REACH 309.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 134 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

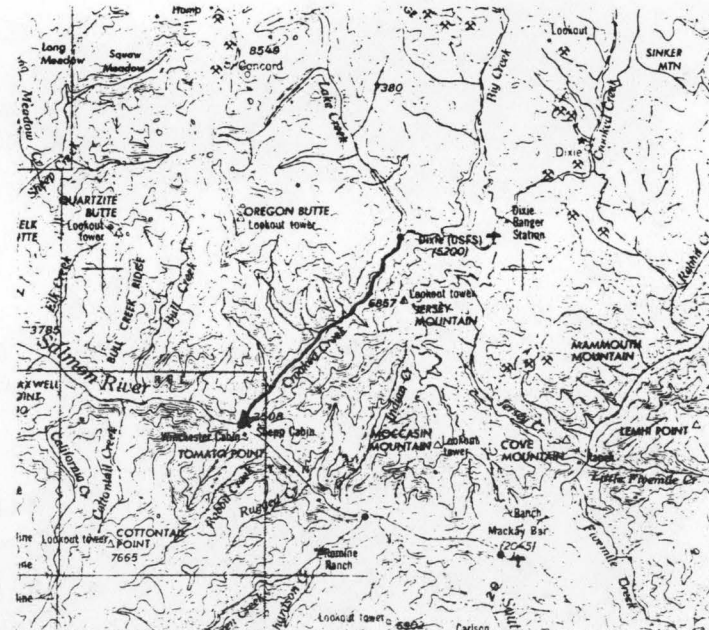
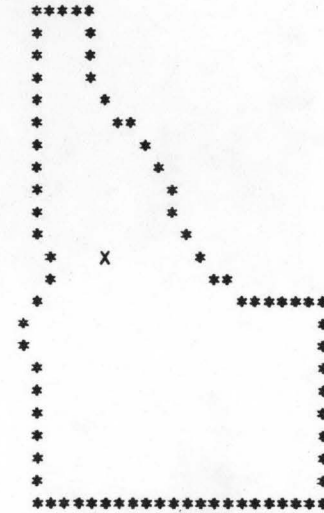
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	32	6.49	56.72	1.00
80	40	8.28	70.49	0.97
50	57	11.61	89.41	0.88
30	92	18.67	114.15	0.70
10	354	71.62	206.93	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024C08C018R0022

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T23N R06E
 D. LATITUDE, LONGITUDE 45 21 115 40
 E. STREAM NAME WARREN CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 1.9

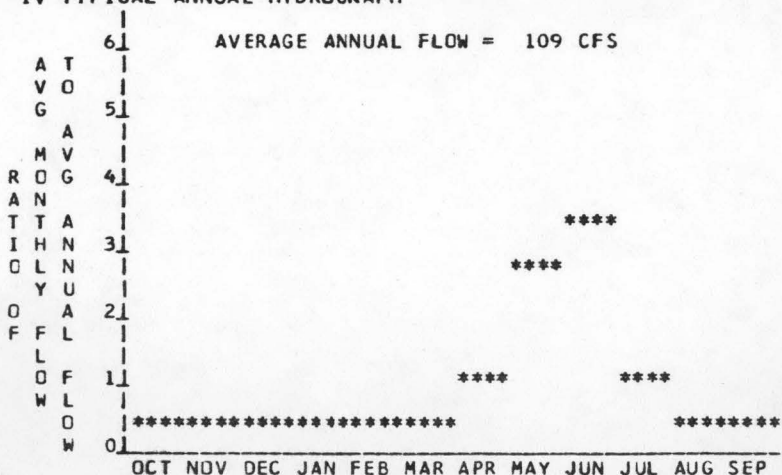
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2160 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 640 FT.
 D. AVERAGE SLOPE IN REACH 336.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 91 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	1.41	12.36	1.00
80	30	1.80	15.35	0.97
50	42	2.53	19.51	0.88
30	68	4.12	25.07	0.69
10	268	16.05	45.98	0.33

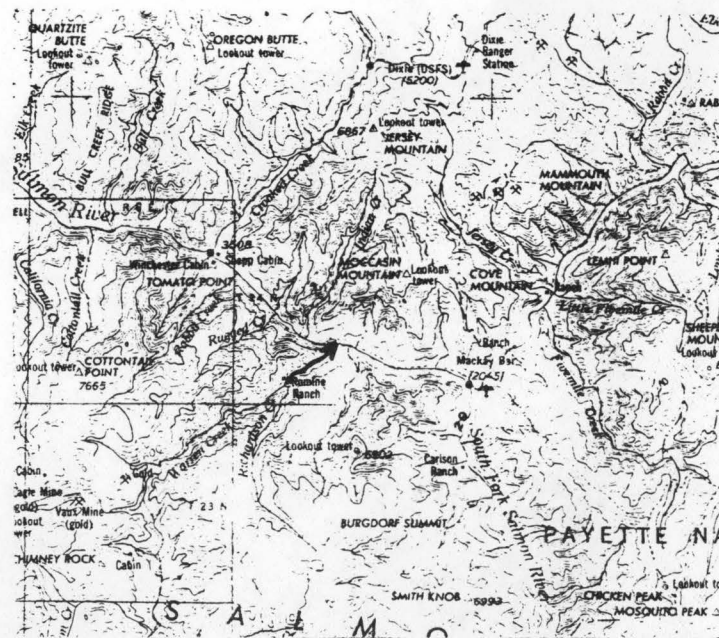
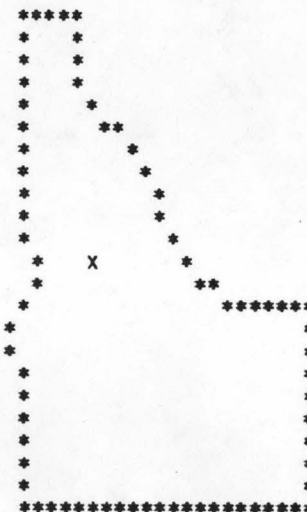
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008002 ORJ002

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T22N R08E
 D. LATITUDE, LONGITUDE 45 15 115 29
 E. STREAM NAME SOUTH FORK SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 20.2

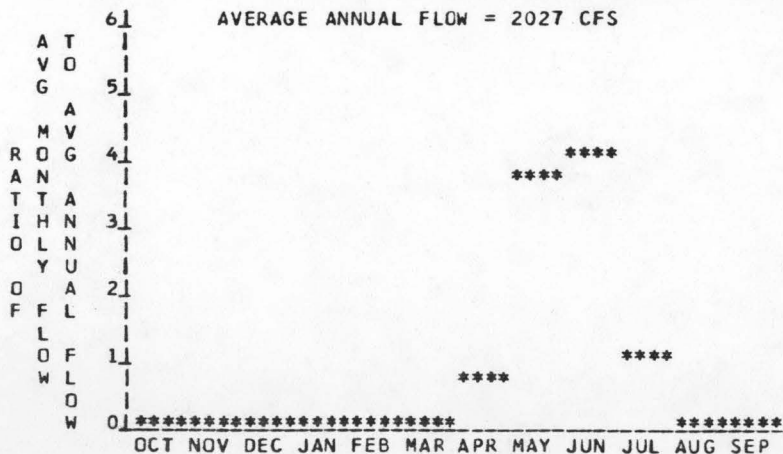
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2080 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 920 FT.
 D. AVERAGE SLOPE IN REACH 45.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1311 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

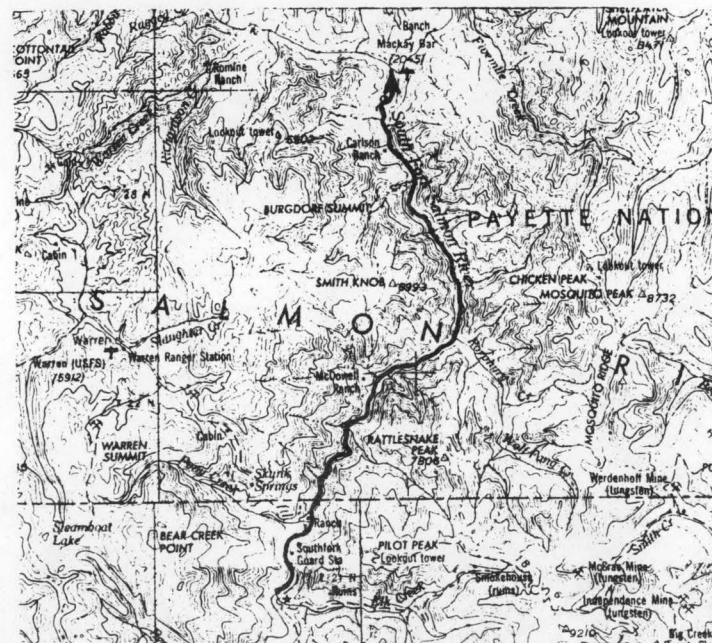
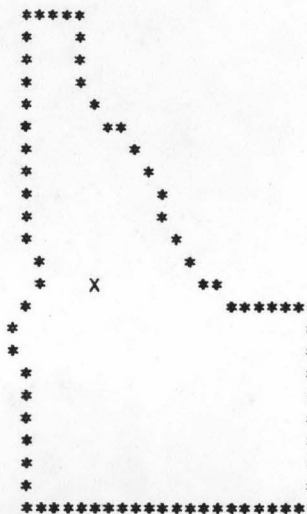
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	580	45.29	395.93	1.00
80	748	58.37	496.20	0.97
50	1022	79.71	617.69	0.88
30	1489	116.14	745.35	0.73
10	4916	383.28	1213.38	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008002CR0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T20N R07E
D. LATITUDE, LONGITUDE	45 5 115 38
E. STREAM NAME	SOUTH FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	20.2 TO 37.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY

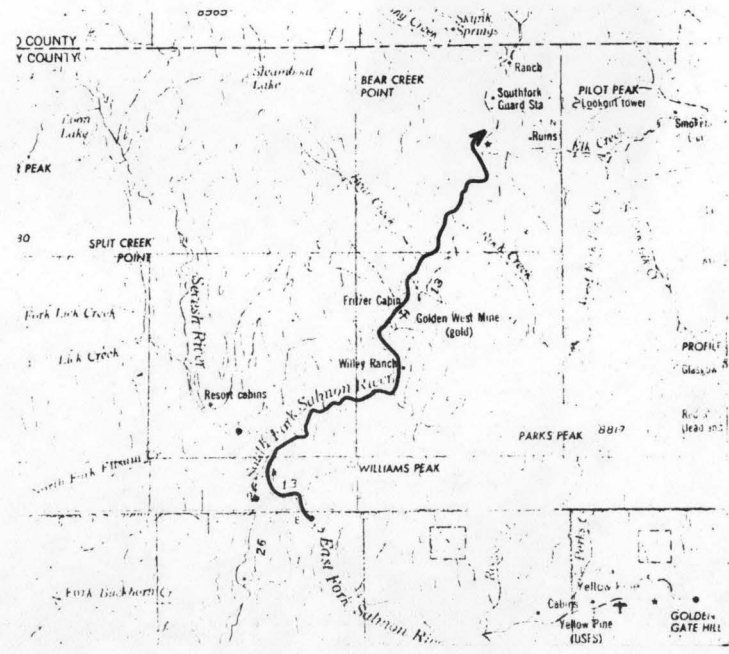
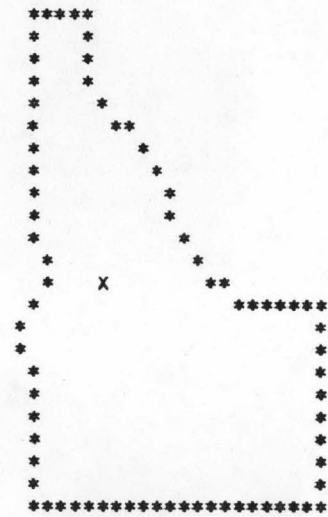
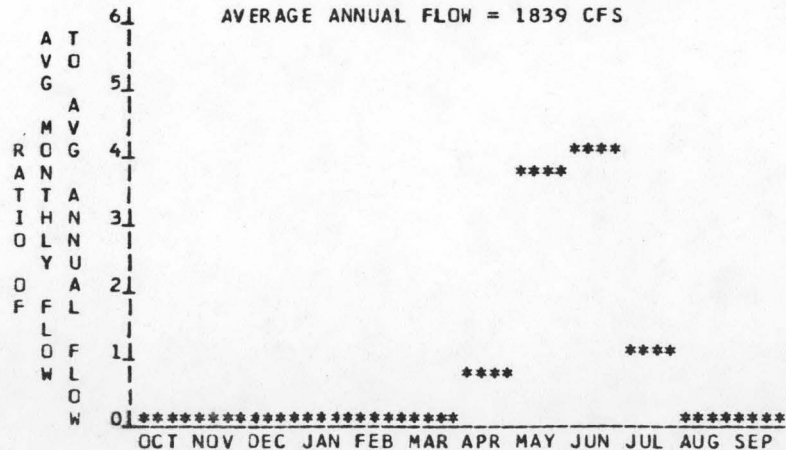
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3640 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3000 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	640 FT.
D. AVERAGE SLOPE IN REACH	38.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1167 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	521	28.31	247.49	1.00
80	672	36.48	310.08	0.97
50	919	49.86	386.27	0.88
30	1344	72.91	467.05	0.73
10	4461	242.00	763.29	0.36

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240030020R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T18N R06E
D. LATITUDE, LONGITUDE	44 54 115 43
E. STREAM NAME	SOUTH FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	35.4 TO 50.0

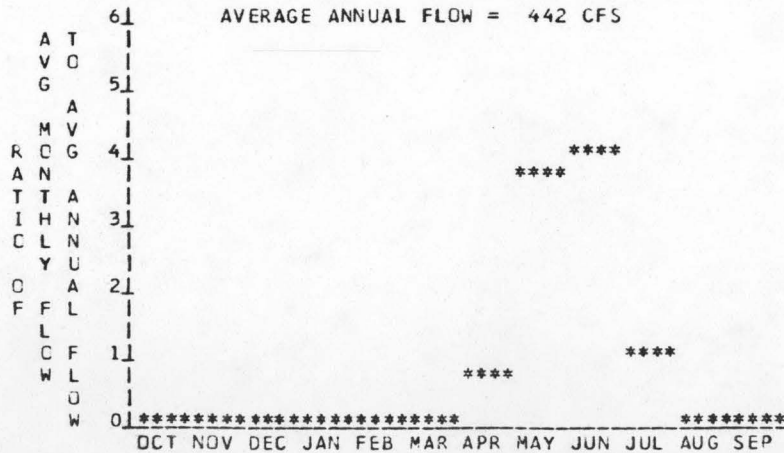
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4000 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3720 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	280 FT.
D. AVERAGE SLOPE IN REACH	19.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	328 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

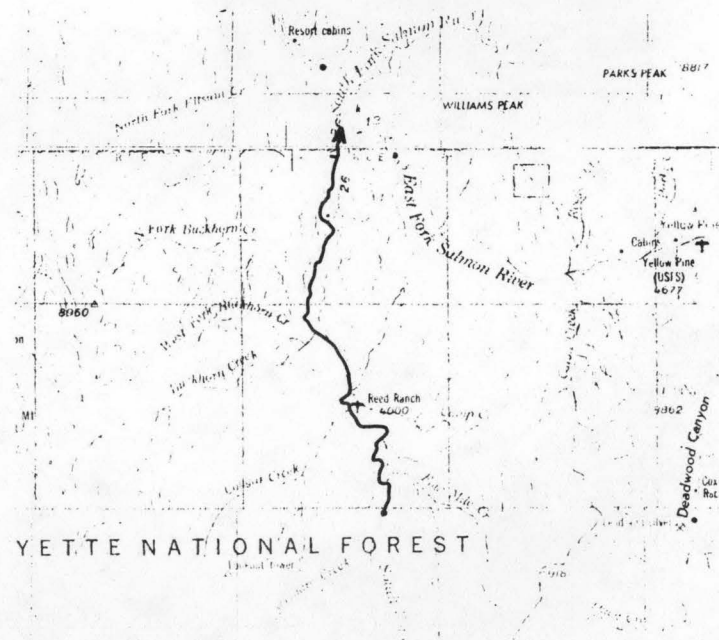
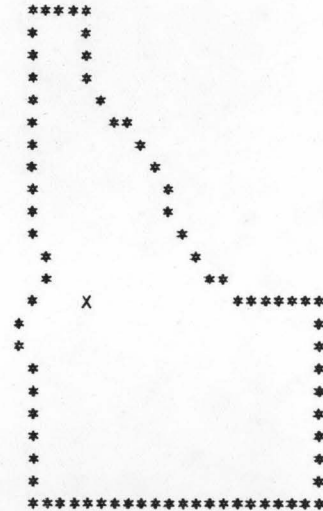
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	109	2.59	22.66	1.00
80	140	3.32	28.26	0.97
50	194	4.60	35.56	0.88
30	299	7.10	44.31	0.71
10	1078	25.60	76.71	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



PEACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C08C02CR0014

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T16N R06E
 D. LATITUDE, LONGITUDE 44 45 115 41
 E. STREAM NAME SOUTH FORK SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 50.0 TO 66.0

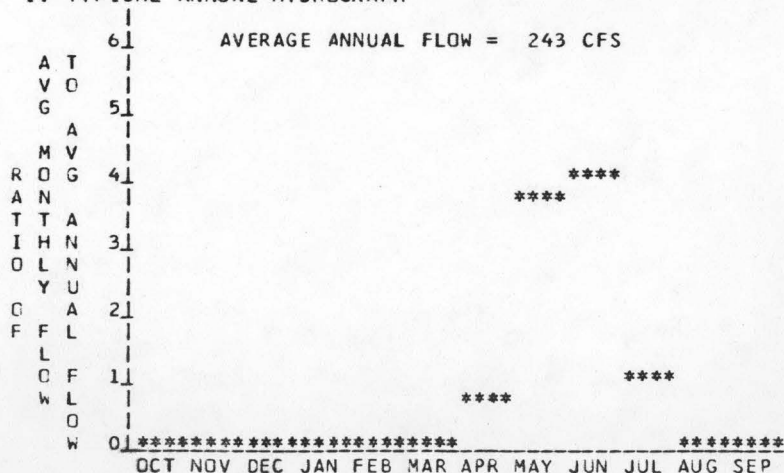
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5120 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1120 FT.
 D. AVERAGE SLOPE IN REACH 70.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 201 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

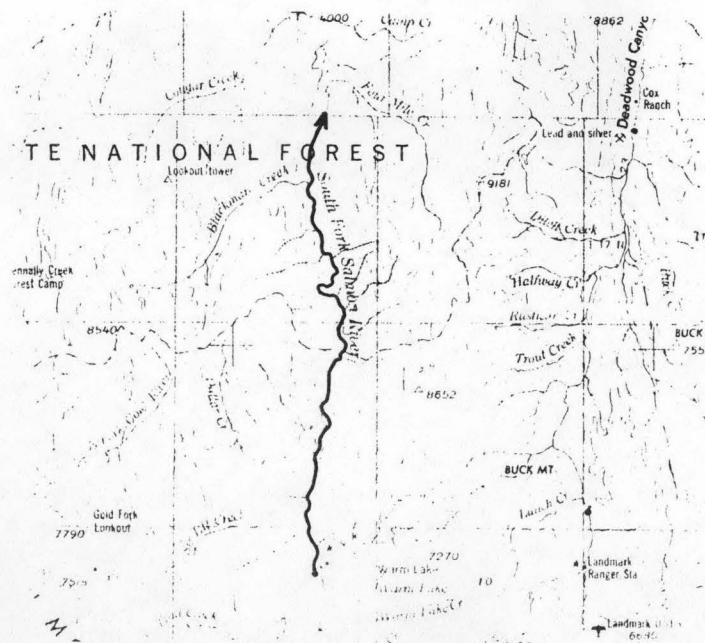
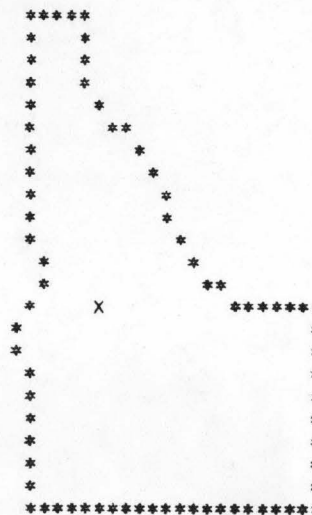
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	56	5.69	49.71	1.00
80	72	7.27	61.89	0.97
50	100	10.14	78.21	0.88
30	159	16.00	98.73	0.70
10	593	59.62	175.16	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C9C020R0C06

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T21N R06E
D. LATITUDE, LONGITUDE	45 7 115 46
E. STREAM NAME	SECESH RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 17.6

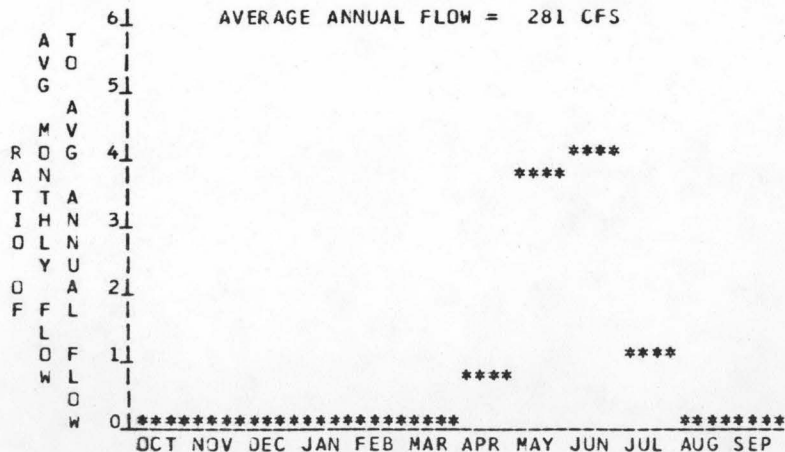
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5680 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3600 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	2080 FT.
D. AVERAGE SLOPE IN REACH	118.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	275 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

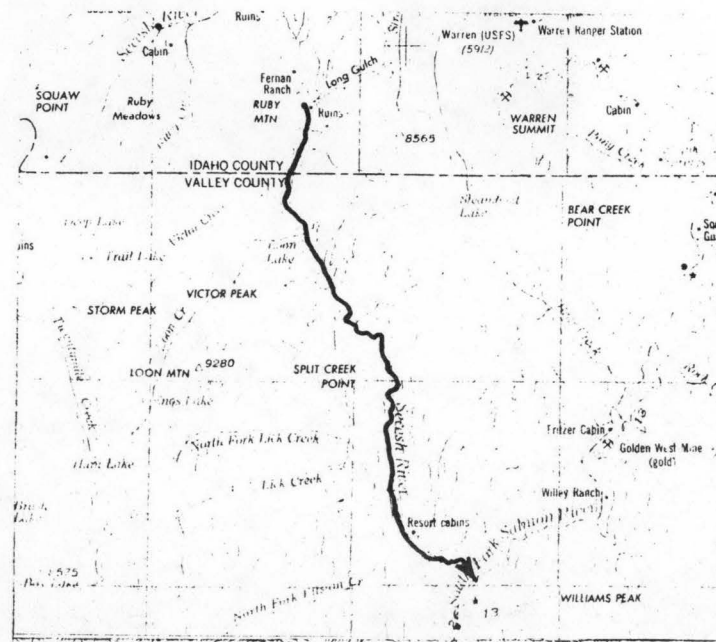
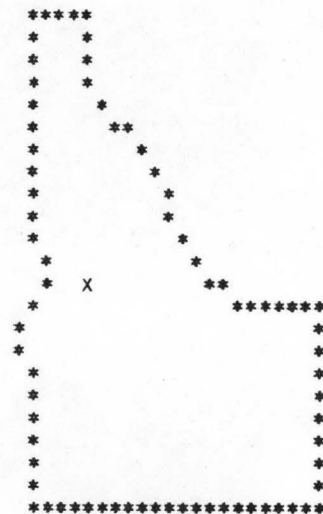
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	66	11.69	102.17	1.00
80	84	14.96	127.25	0.97
50	118	20.82	160.63	0.88
30	185	32.67	202.15	0.71
10	685	120.78	356.52	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C08C020R0008

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T22N R05E
 D. LATITUDE, LONGITUDE 45 15 115 49
 E. STREAM NAME SECESH RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 18.0 TO 22.0

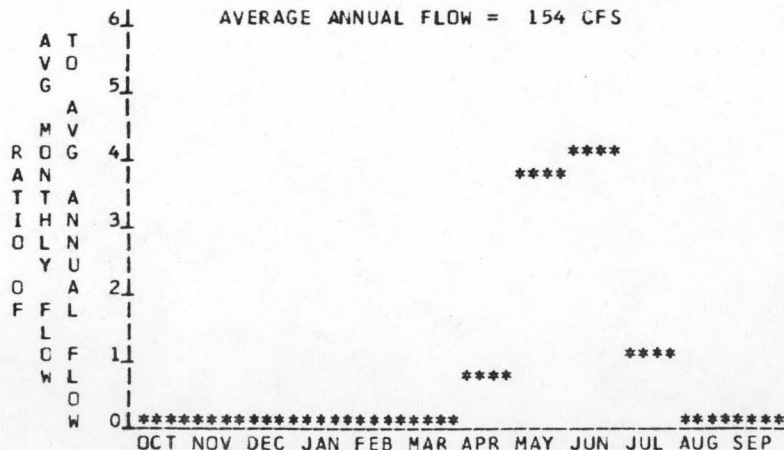
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5840 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5680 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 160 FT.
 D. AVERAGE SLOPE IN REACH 40.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 104 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

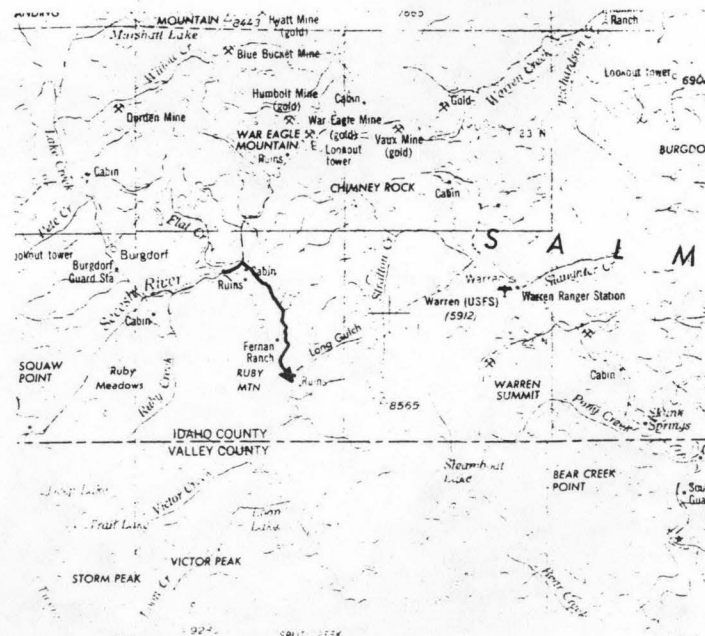
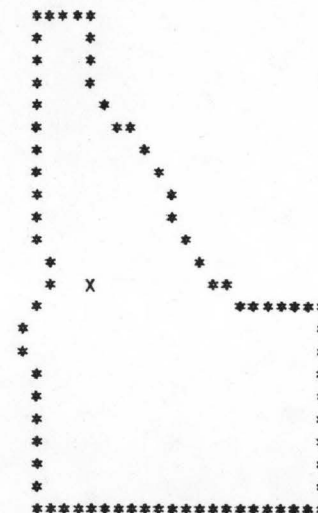
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	0.47	4.07	1.00
80	43	0.60	5.06	0.97
50	61	0.83	6.42	0.88
30	98	1.34	8.18	0.70
10	376	5.11	14.80	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080020R0010

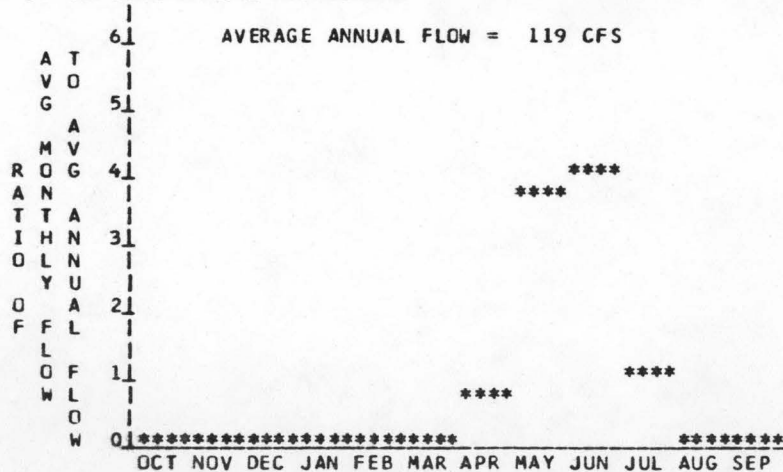
I LOCATION
 A. STATE IDAHO
 B. COUNTY IDAHO
 C. TOWNSHIP, RANGE T22N R05E
 D. LATITUDE, LONGITUDE 45 16 115 53
 E. STREAM NAME SECESH RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 22.0 TO 25.0

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
 A. UPSTREAM ELEVATION OF REACH 6000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5840 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 160 FT.
 D. AVERAGE SLOPE IN REACH 53.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 73 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

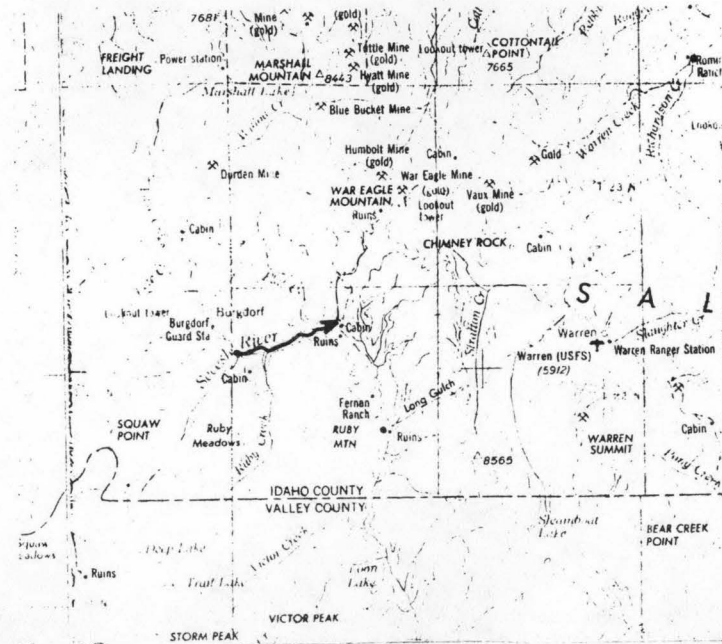
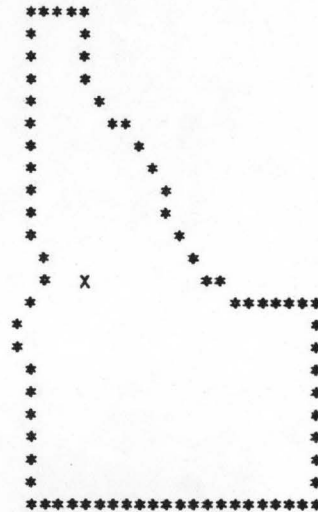
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	0.50	4.34	1.00
80	33	0.63	5.40	0.97
50	46	0.89	6.85	0.88
30	75	1.44	8.79	0.70
10	291	5.59	16.06	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008002CR0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T19N R07E
D. LATITUDE, LONGITUDE	44 57 115 37
E. STREAM NAME	EA FK/SO FK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 16.6

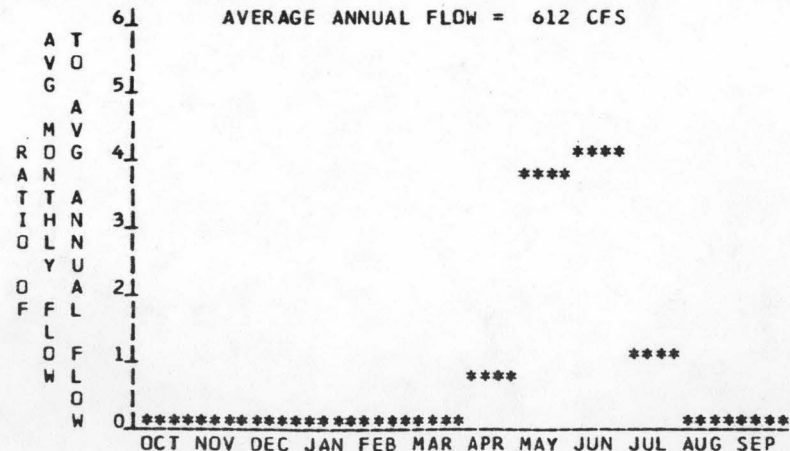
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5040 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3760 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1280 FT.
D. AVERAGE SLOPE IN REACH	77.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	427 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	155	16.91	147.80	1.00
80	200	21.70	184.54	0.97
50	276	29.98	231.67	0.88
30	421	45.68	286.71	0.72
10	1490	161.66	489.90	0.35

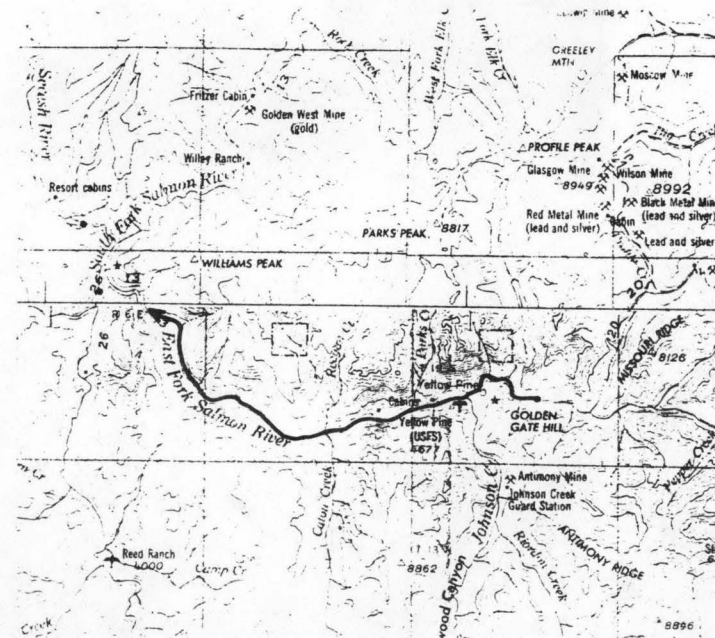
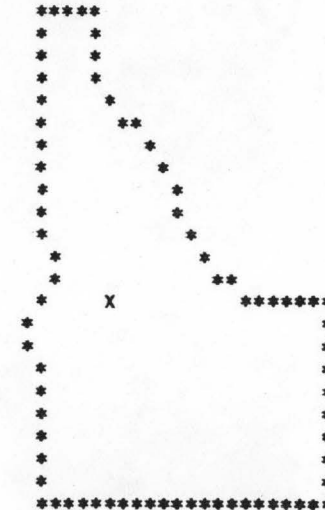
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008002CR0018

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T19N R09E
D. LATITUDE, LONGITUDE	44 58 115 24
E. STREAM NAME	EA FK/SO FK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	16.6 TO 23.8

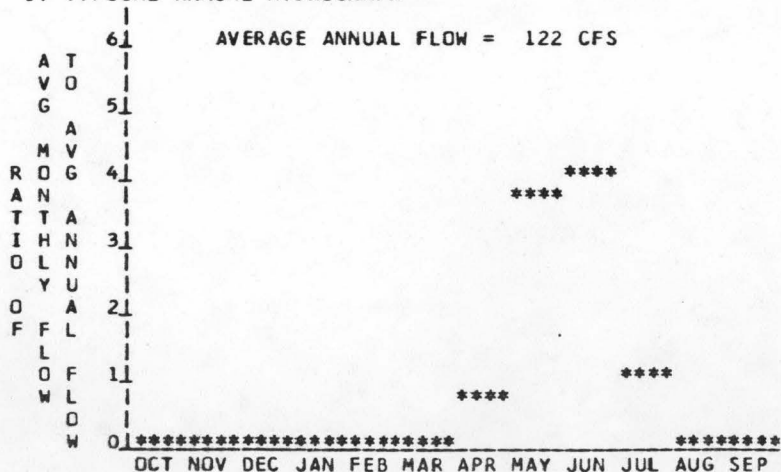
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5920 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5040 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	880 FT.
D. AVERAGE SLOPE IN REACH	122.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	110 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	26	2.13	18.64	1.00
80	33	2.72	23.16	0.97
50	47	3.82	29.41	0.88
30	77	6.18	37.69	0.70
10	298	23.95	68.81	0.33

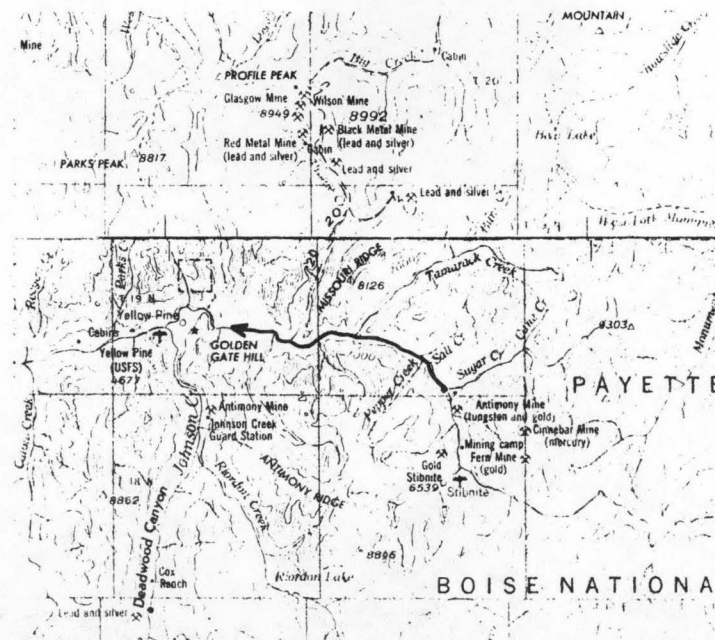
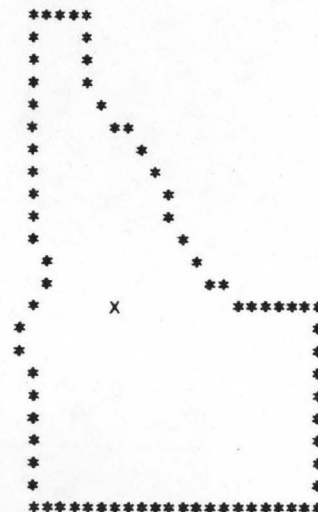
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080020R0020

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T18N R08E
D. LATITUDE, LONGITUDE	44 54 115 30
E. STREAM NAME	JOHNSON CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 9.8

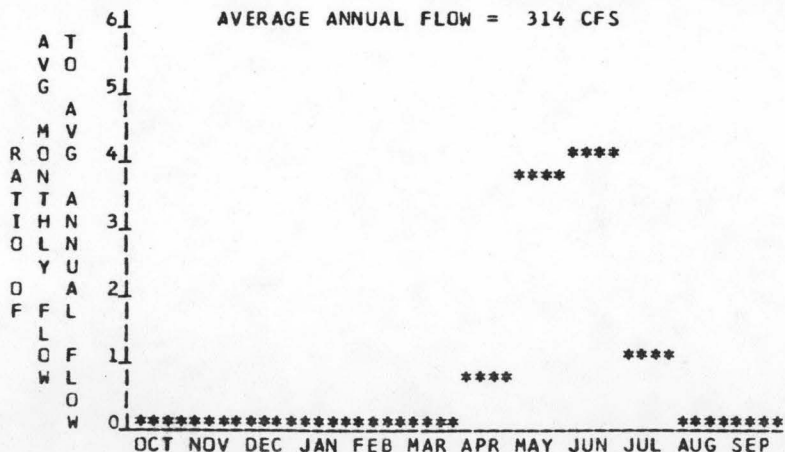
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5200 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4720 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	480 FT.
D. AVERAGE SLOPE IN REACH	49.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	219 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	75	3.05	26.68	1.00
80	96	3.91	33.24	0.97
50	133	5.43	41.92	0.88
30	208	8.49	52.63	0.71
10	766	31.18	92.39	0.34

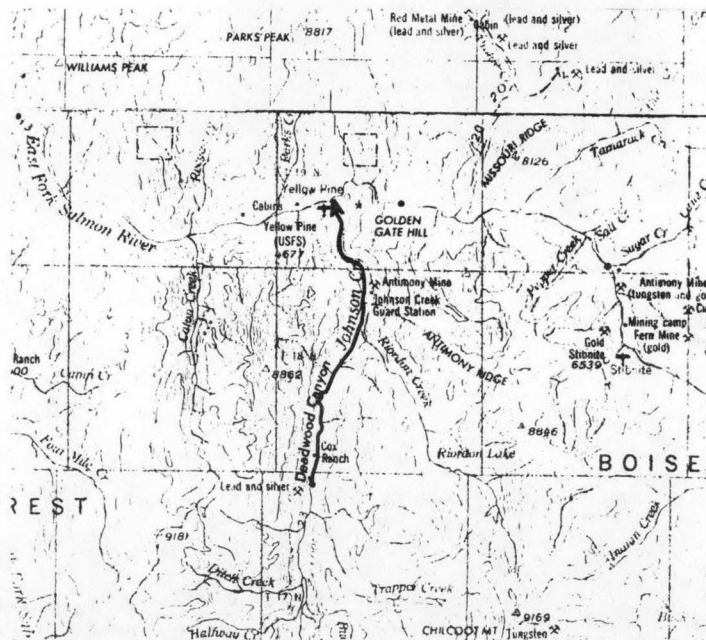
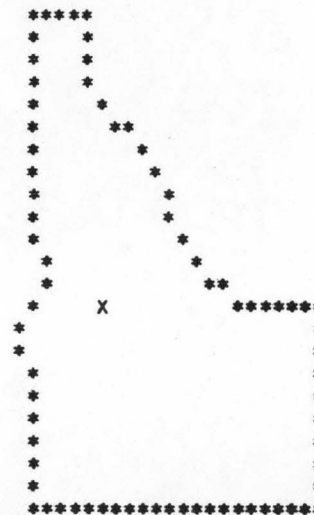
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080G2CR0022

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T17N R8E
 D. LATITUDE, LONGITUDE 44 47 115 32
 E. STREAM NAME JOHNSON CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 9.8 TO 22.6

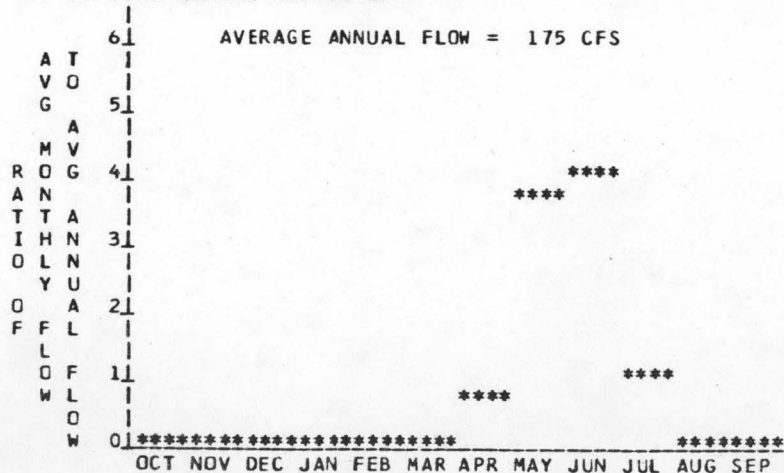
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6560 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1360 FT.
 D. AVERAGE SLOPE IN REACH 106.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 169 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	4.77	41.71	1.00
80	50	6.10	51.88	0.97
50	70	8.53	65.71	0.88
30	112	13.62	83.54	0.70
10	427	51.69	150.25	0.33

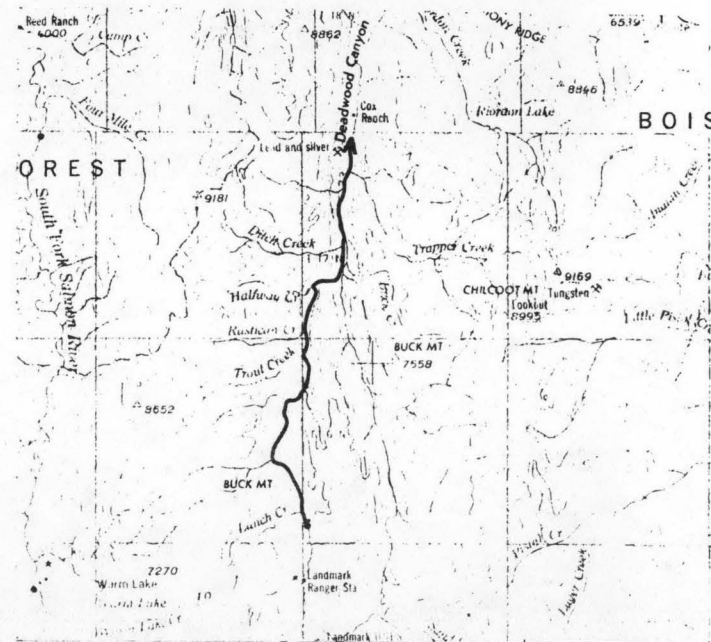
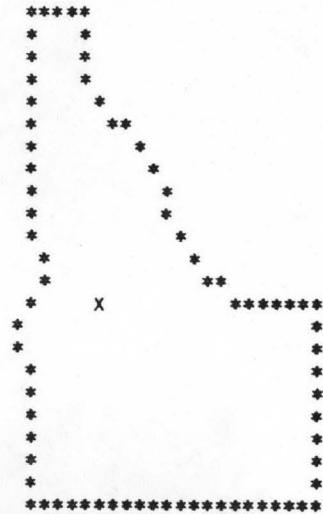
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C080022R0028

I LOCATION

A. STATE	IDAHO
B. COUNTY	IDAHO
C. TOWNSHIP, RANGE	T27N R11E
D. LATITUDE, LONGITUDE	45 40 115 6
E. STREAM NAME	BARGAMIN CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 1.9

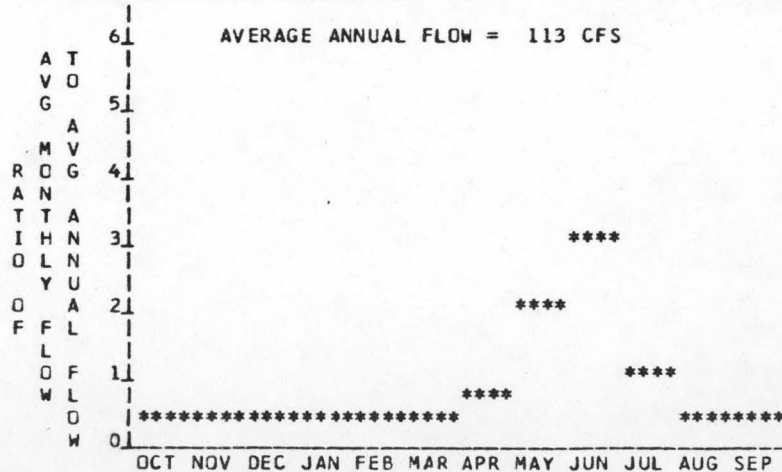
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3000 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2600 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	400 FT.
D. AVERAGE SLOPE IN REACH	210.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	112 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

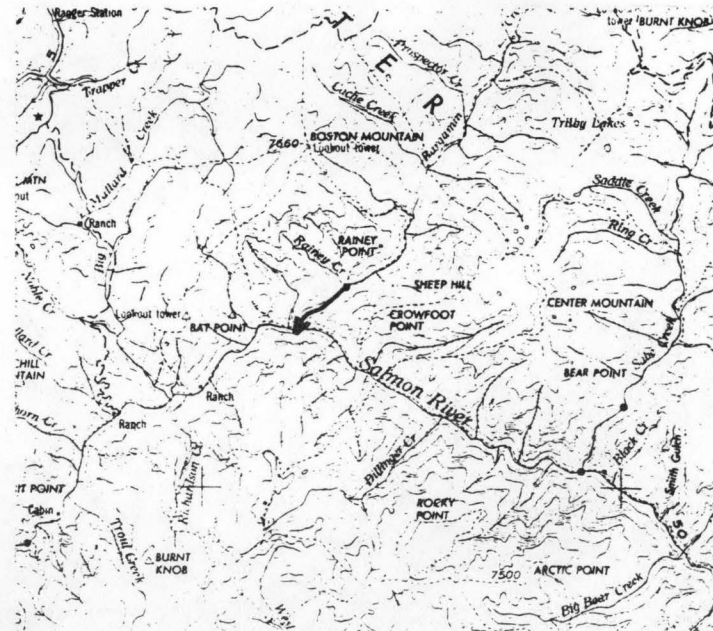
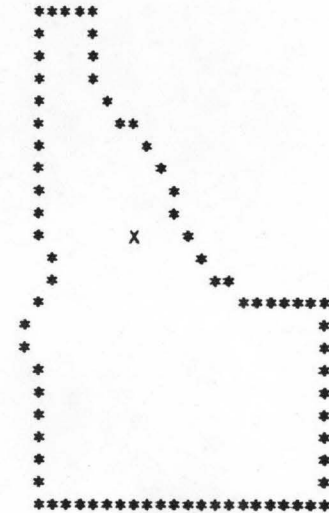
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.97	8.48	1.00
80	31	1.24	10.54	0.97
50	44	1.74	13.39	0.88
30	71	2.82	17.18	0.70
10	277	10.98	31.47	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C024R0032

I. LOCATION

A. STATE	IDAHO
B. COUNTY	IDAHO
C. TOWNSHIP, RANGE	T26N R12E
D. LATITUDE, LONGITUDE	45 33 114 58
E. STREAM NAME	SABE CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 2.6

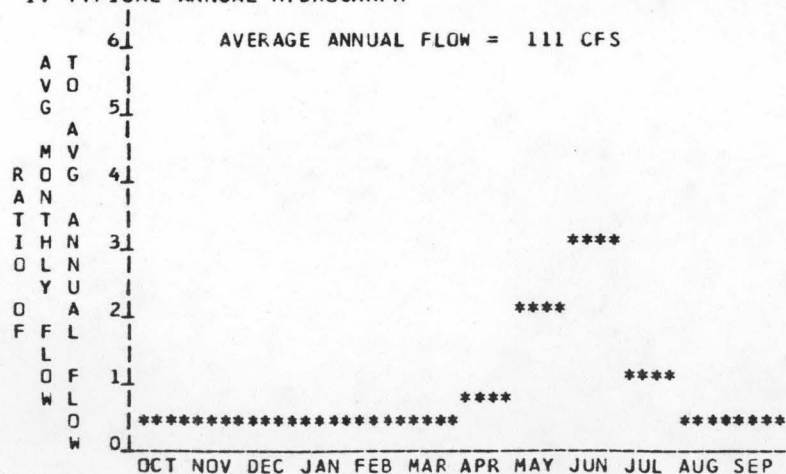
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2700 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	700 FT.
D. AVERAGE SLOPE IN REACH	269.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	89 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

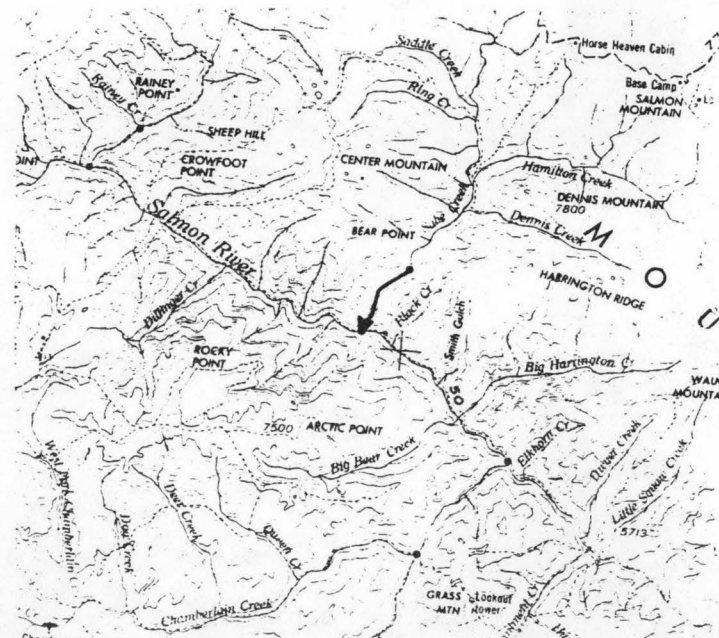
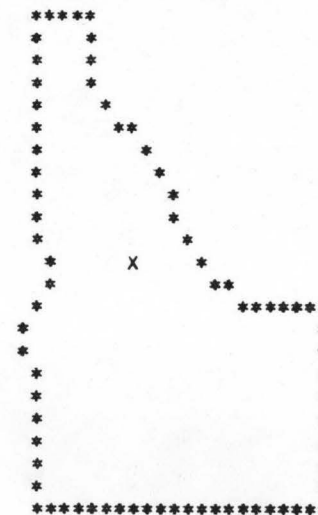
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	1.56	13.61	1.00
80	30	1.99	16.91	0.97
50	42	2.79	21.48	0.88
30	69	4.53	27.59	0.69
10	271	17.65	50.57	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C080026R0036

I LOCATION

A. STATE	IDAHO
B. COUNTY	IDAHO
C. TOWNSHIP, RANGE	T24N R11E
D. LATITUDE, LONGITUDE	45 23 115 7
E. STREAM NAME	CHAMBERLAIN CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 4.1

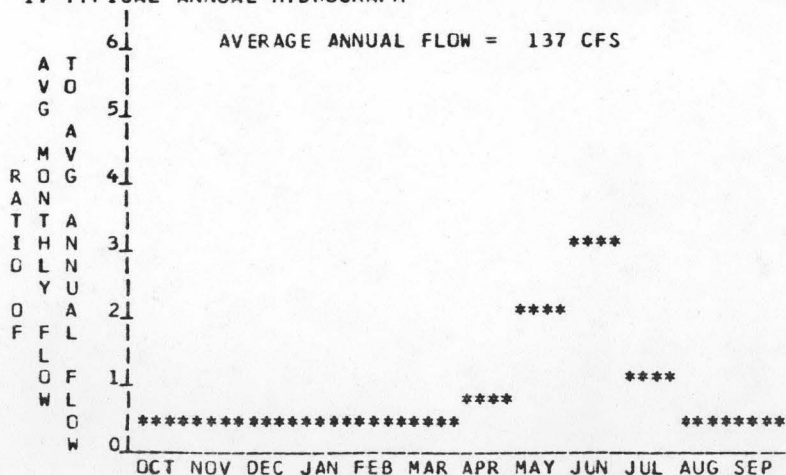
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2750 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	650 FT.
D. AVERAGE SLOPE IN REACH	158.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	234 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	30	1.83	15.99	1.00
80	38	2.34	19.87	0.97
50	53	3.27	25.21	0.88
30	86	5.28	32.23	0.70
10	334	20.31	58.56	0.33

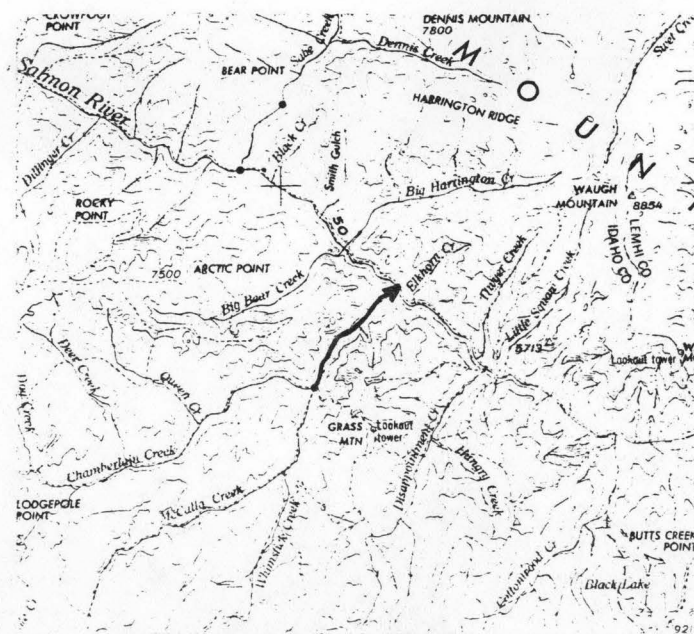
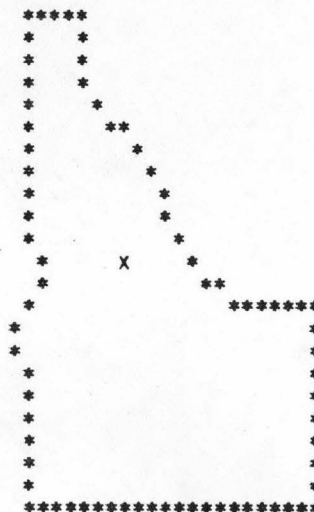
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080028R0040

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T24N R14E
 D. LATITUDE, LONGITUDE 45 25 114 42
 E. STREAM NAME HORSE CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 6.8

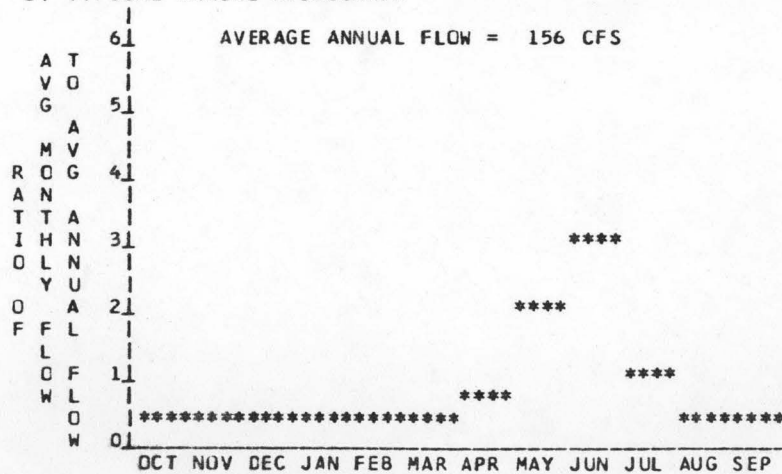
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4200 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2900 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1300 FT.
 D. AVERAGE SLOPE IN REACH 191.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 145 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

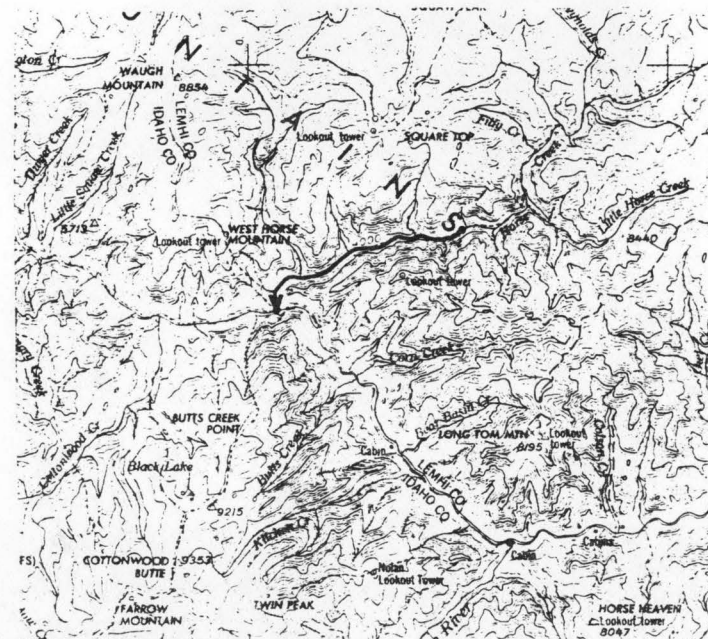
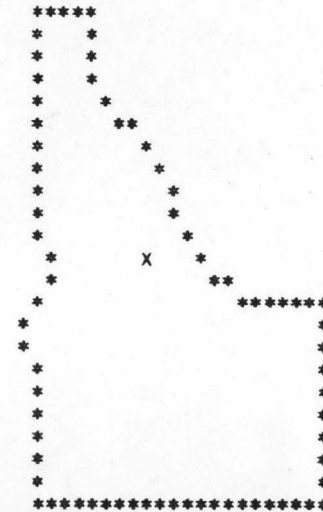
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	4.05	35.37	1.00
80	44	5.17	43.98	0.97
50	62	7.24	55.74	0.88
30	100	11.60	71.05	0.70
10	382	44.32	128.37	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C030R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY, IDAHO, LEMHI
 C. TOWNSHIP, RANGE T22N R14E
 D. LATITUDE, LONGITUDE 45 15 114 45
 E. STREAM NAME MIDDLE FORK SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 18.0

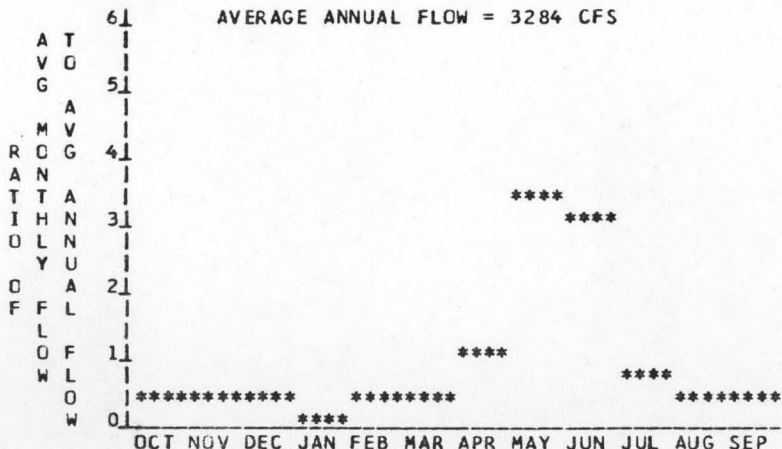
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3390 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3027 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 363 FT.
 D. AVERAGE SLOPE IN REACH 20.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2886 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

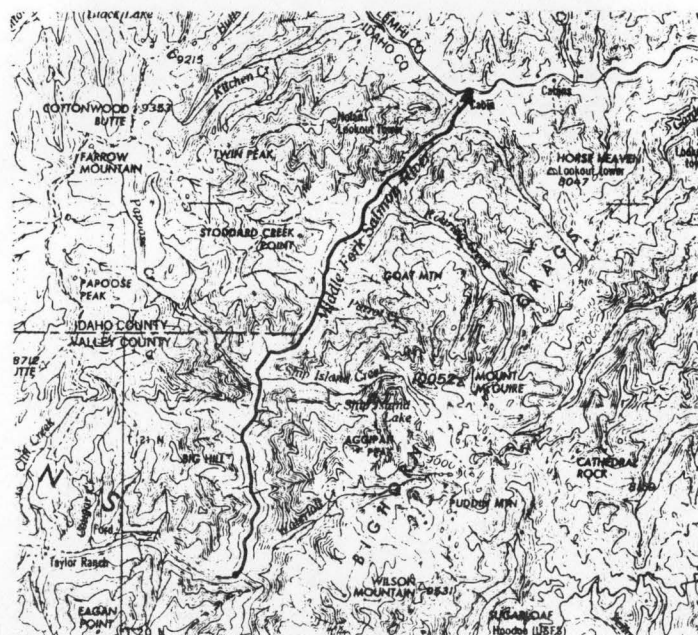
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	958	29.50	257.84	1.00
80	1273	39.18	332.00	0.97
50	1693	52.10	405.58	0.89
30	2476	76.19	490.01	0.73
10	7944	244.41	784.72	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080030R0014

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY, LEMHI
C. TOWNSHIP, RANGE	T20N R14E
D. LATITUDE, LONGITUDE	45 2 114 44
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	18.0 TO 29.2

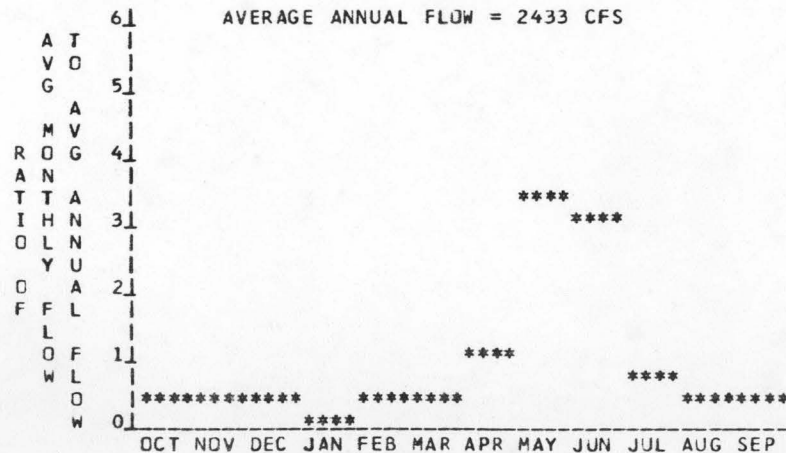
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3640 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3390 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	250 FT.
D. AVERAGE SLOPE IN REACH	22.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2157 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

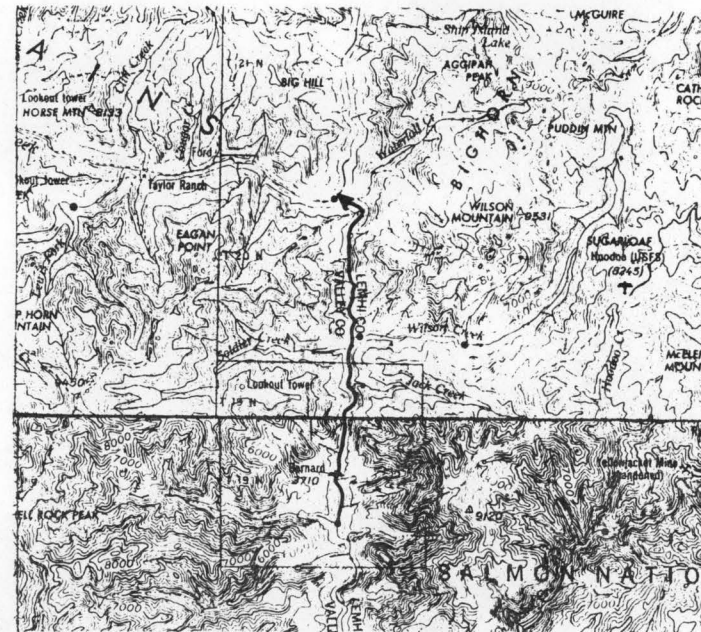
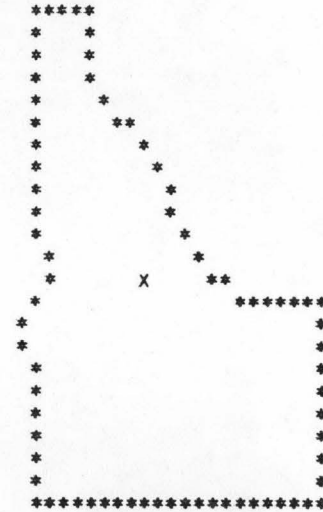
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	709	15.04	131.47	1.00
80	915	19.40	164.86	0.97
50	1247	26.44	204.96	0.89
30	1805	38.26	246.39	0.74
10	5895	124.91	398.20	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C08C03CR0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY, LEMHI
C. TOWNSHIP, RANGE	T18N R14E
D. LATITUDE, LONGITUDE	44 56 114 44
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	29.2 TO 35.5

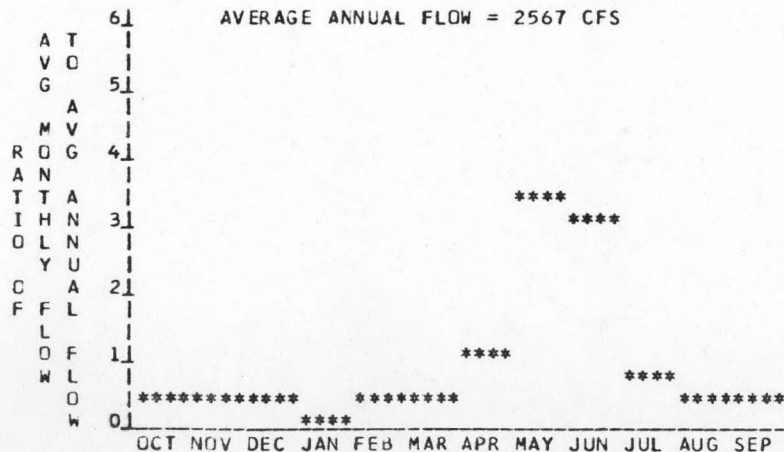
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3765 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3640 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	125 FT.
D. AVERAGE SLOPE IN REACH	19.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2036 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

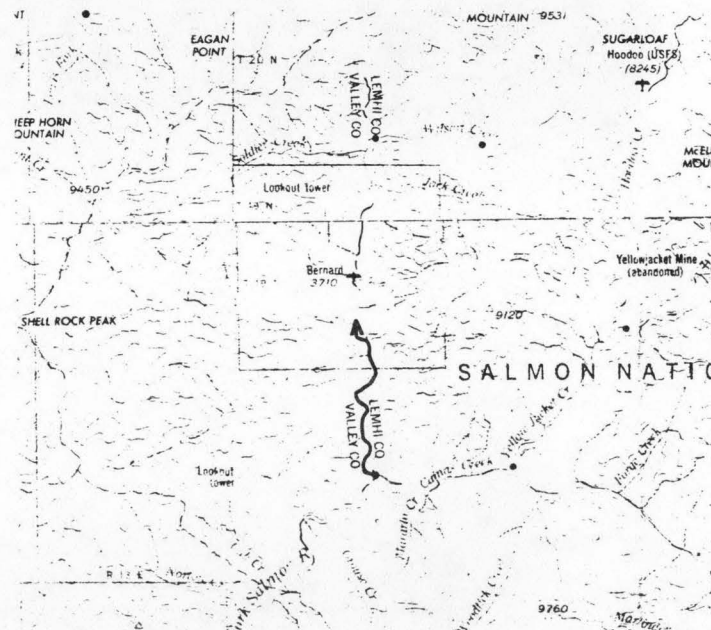
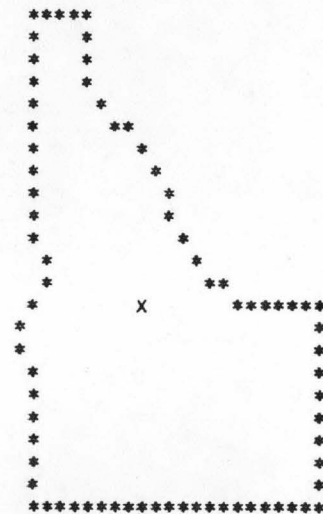
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	749	7.94	69.44	1.00
80	971	10.29	87.40	0.97
50	1323	14.02	108.63	0.88
30	1910	20.24	130.45	0.74
10	6218	65.88	210.40	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080030R0024

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY, LEMHI
C. TOWNSHIP, RANGE	T18N R14E
D. LATITUDE, LONGITUDE	44 51 114 45
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	35.5 TO 44.9

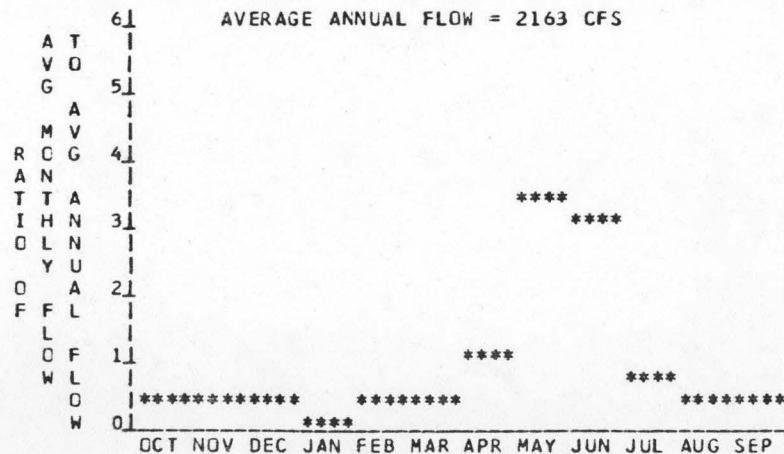
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3985 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3765 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	220 FT.
D. AVERAGE SLOPE IN REACH	23.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1561 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	623	11.63	101.67	1.00
80	804	14.99	127.44	0.97
50	1097	20.46	158.57	0.88
30	1595	29.74	191.09	0.73
10	5243	97.77	310.27	0.36

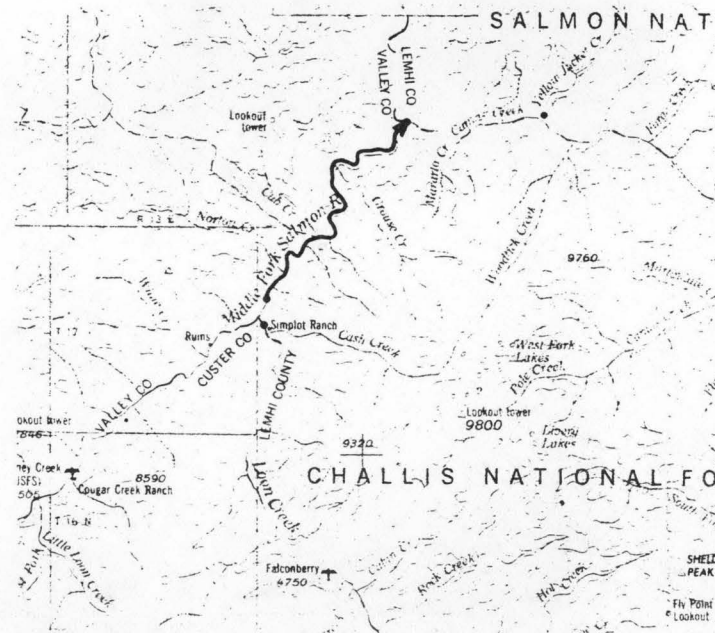
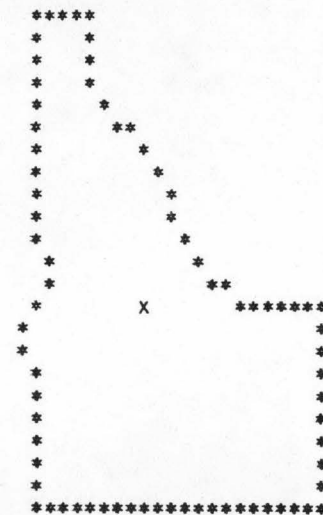
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C03CR0032

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY, CUSTER
 C. TOWNSHIP, RANGE T16N R13E
 D. LATITUDE, LONGITUDE 44 45 114 55
 E. STREAM NAME MIDDLE FORK SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 44.9 TO 55.7

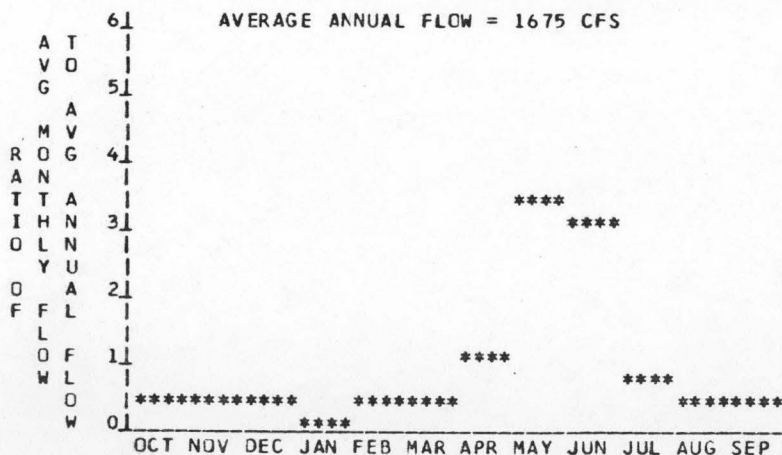
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4365 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3985 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 380 FT.
 D. AVERAGE SLOPE IN REACH 35.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1154 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	471	15.17	132.62	1.00
80	606	19.54	166.11	0.97
50	830	26.73	207.06	0.88
30	1218	39.23	250.85	0.73
10	4065	130.92	411.50	0.36

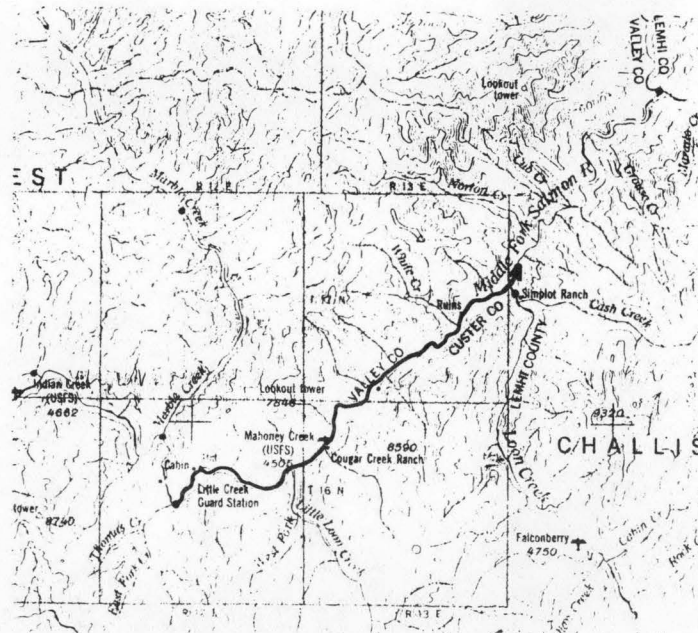
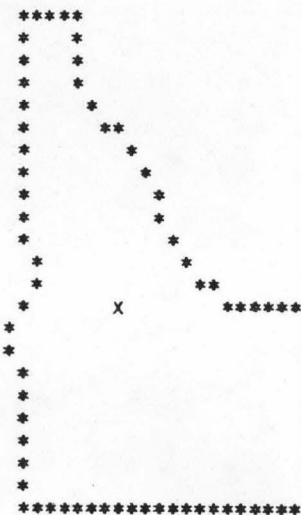
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE

MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C030R0C34

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER, VALLEY
C. TOWNSHIP, RANGE	T16N R12E
D. LATITUDE, LONGITUDE	44 44 115 1
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	55.7 TO 58.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS

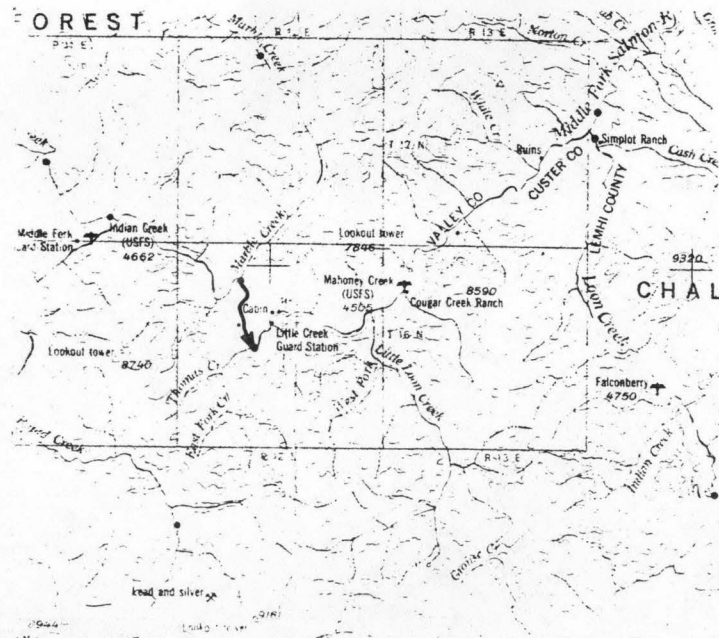
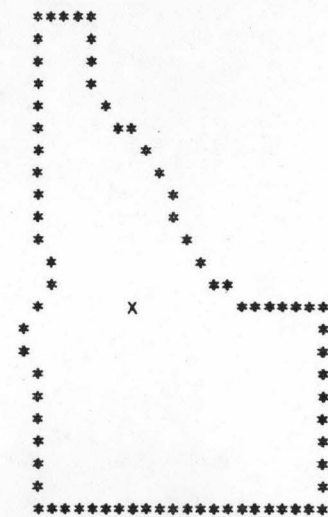
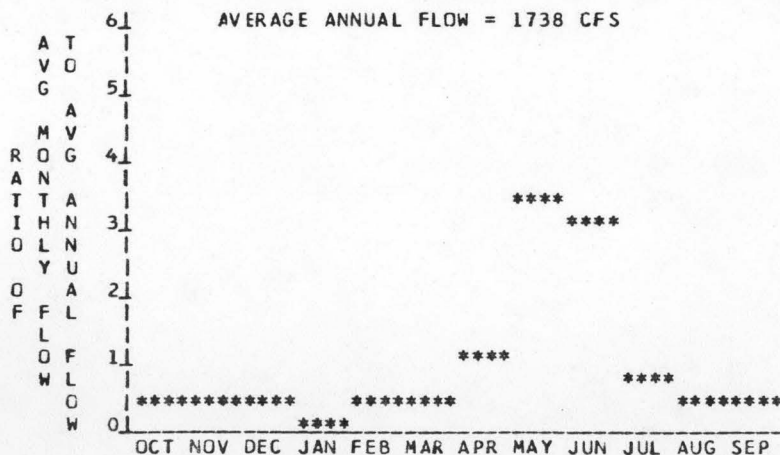
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4440 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4365 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	75 FT.
D. AVERAGE SLOPE IN REACH	32.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1057 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
80	631	4.02	34.14	0.97
50	864	5.49	42.55	0.88
30	1266	8.05	51.51	0.73
10	4217	26.80	84.37	0.36

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024006C030R0040

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY, CUSTER
C. TOWNSHIP, RANGE	T16N R11E
D. LATITUDE, LONGITUDE	44 46 115 7
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	58.0 TO 71.6

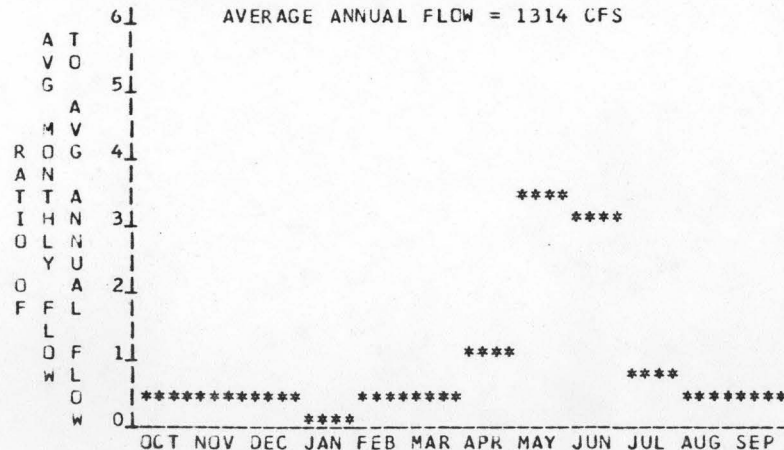
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4900 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4440 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	460 FT.
D. AVERAGE SLOPE IN REACH	33.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	914 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

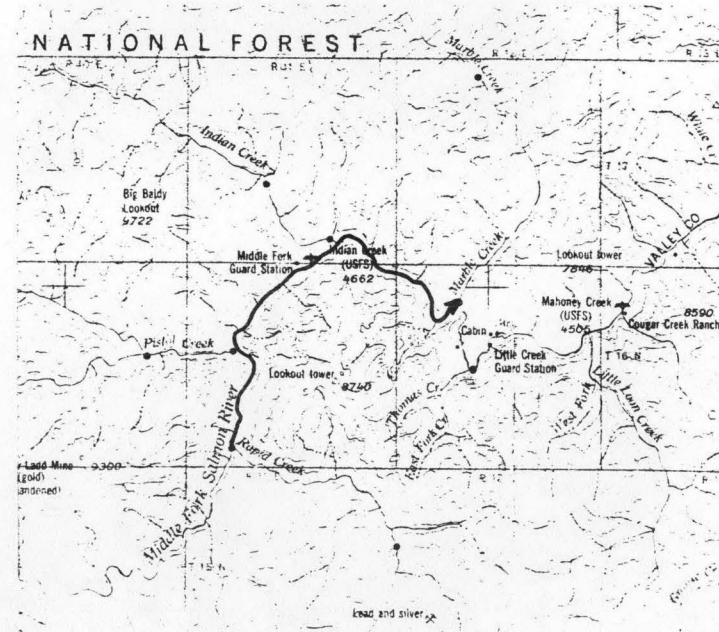
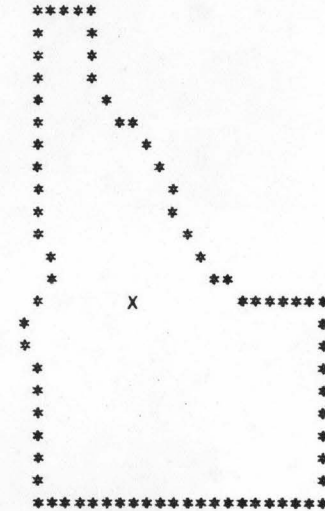
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	360	14.06	122.96	1.00
80	464	18.10	153.89	0.97
50	636	24.82	192.15	0.88
30	942	36.76	233.98	0.73
10	3192	124.44	387.60	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080030R0C46

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY, CUSTER
C. TOWNSHIP, RANGE	T15N R10E
D. LATITUDE, LONGITUDE	44 37 115 14
E. STREAM NAME	MIDDLE FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	71.6 TO 86.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS

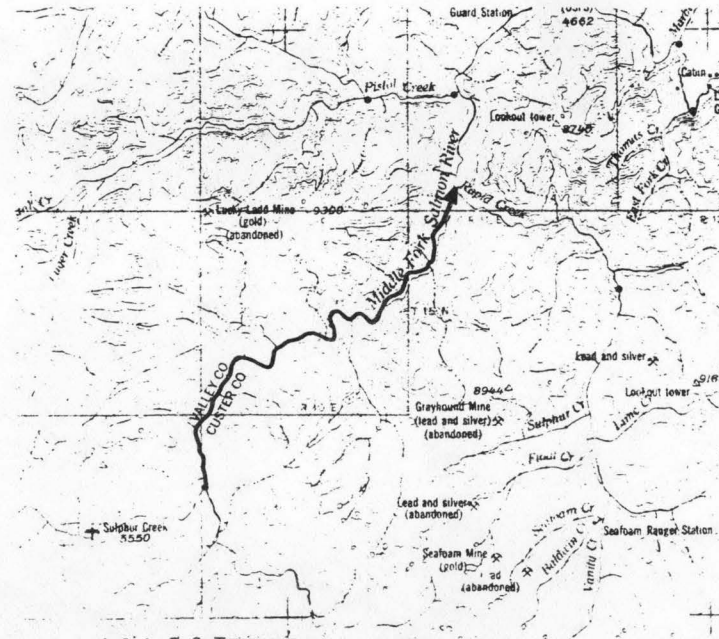
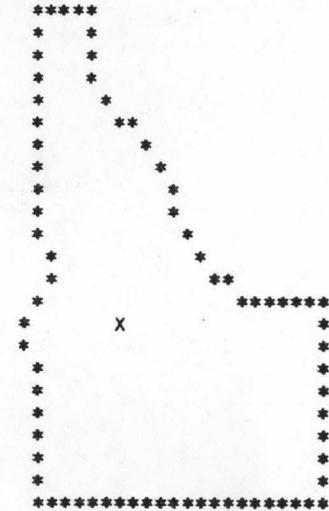
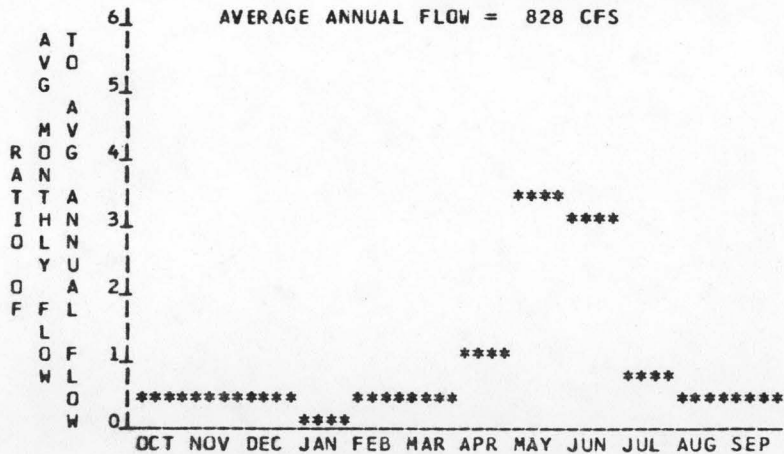
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5560 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4900 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	660 FT.
D. AVERAGE SLOPE IN REACH	45.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	546 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	217	12.15	106.24	1.00
80	279	15.61	132.77	0.97
50	384	21.51	166.33	0.88
30	579	32.41	204.53	0.72
10	2015	112.74	345.27	0.35

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008003CROC48

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY, CUSTER
 C. TOWNSHIP, RANGE T13N R10E
 D. LATITUDE, LONGITUDE 44 30 115 13
 E. STREAM NAME MIDDLE FORK SALMCN
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 86.2 TO 100.8

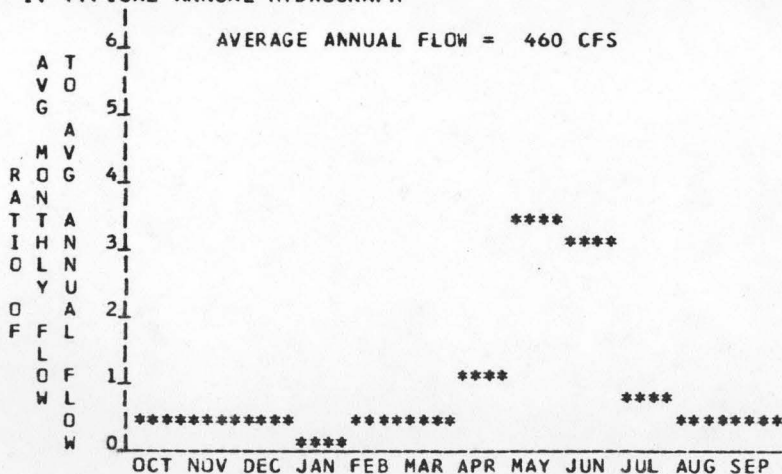
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6440 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5560 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 880 FT.
 D. AVERAGE SLOPE IN REACH 60.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 402 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

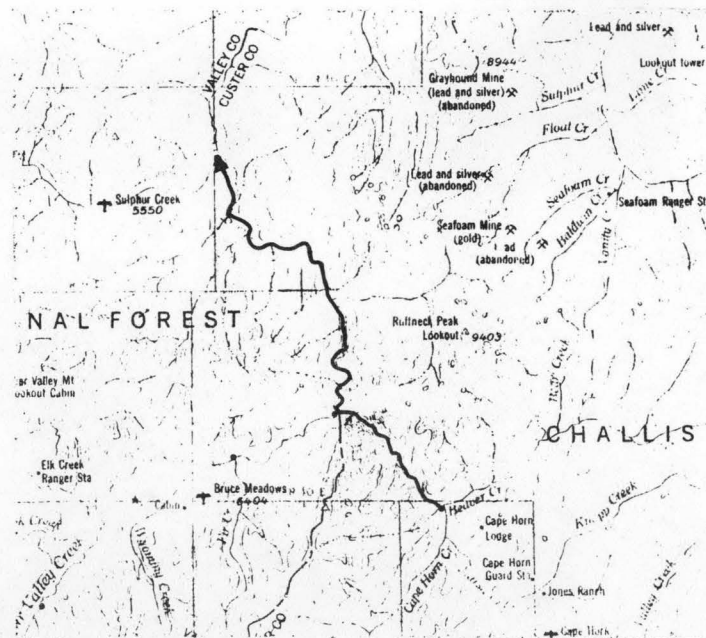
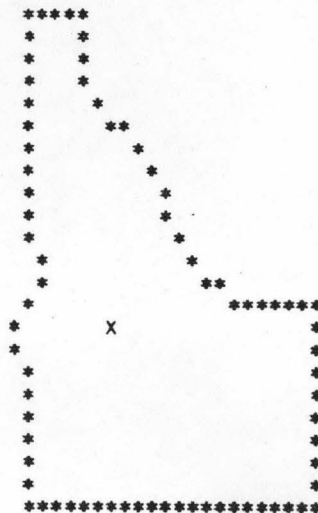
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	113	9.14	79.86	1.00
80	146	11.71	99.62	0.97
50	202	16.23	125.32	0.88
30	311	24.99	156.05	0.71
10	1121	89.88	269.72	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J35C0240080030R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T20N R13E
D. LATITUDE, LONGITUDE	45 7 114 49
E. STREAM NAME	BIG CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 11.7

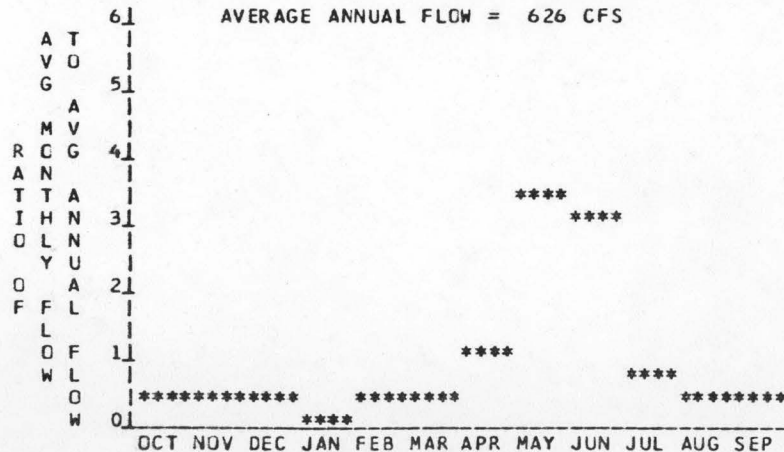
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3940 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3395 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	545 FT.
D. AVERAGE SLOPE IN REACH	46.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	595 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

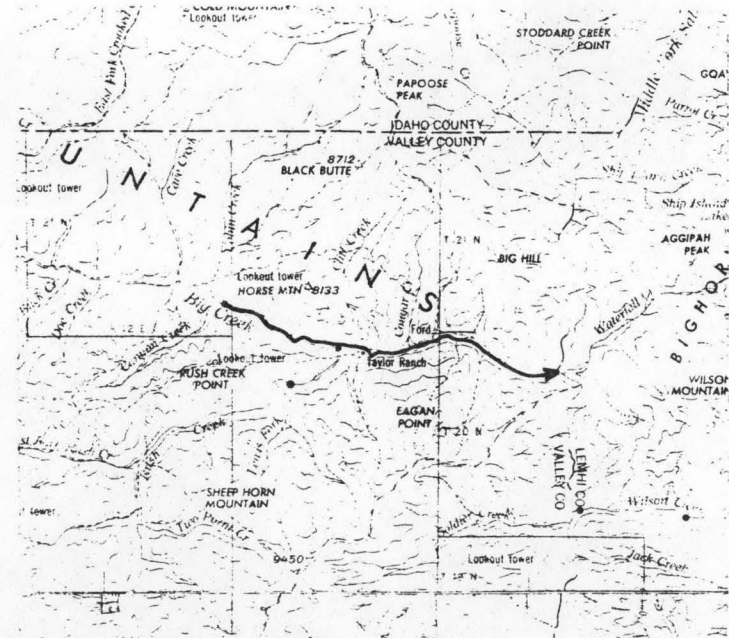
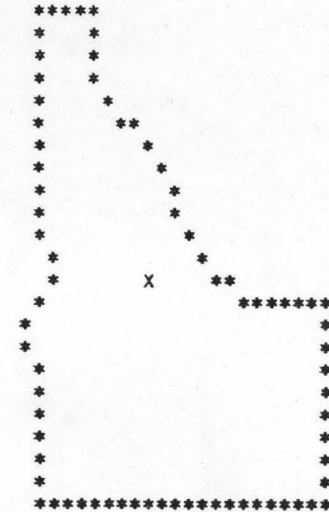
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	159	7.38	64.55	1.00
80	205	9.48	80.60	0.97
50	283	13.09	101.18	0.88
30	431	19.93	125.15	0.72
10	1525	70.44	213.64	0.35

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES
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SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C030R0C08

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO, VALLEY
 C. TOWNSHIP, RANGE T21N R12E
 D. LATITUDE, LONGITUDE 45 8 115 0
 E. STREAM NAME BIG CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 11.7 TO 21.7

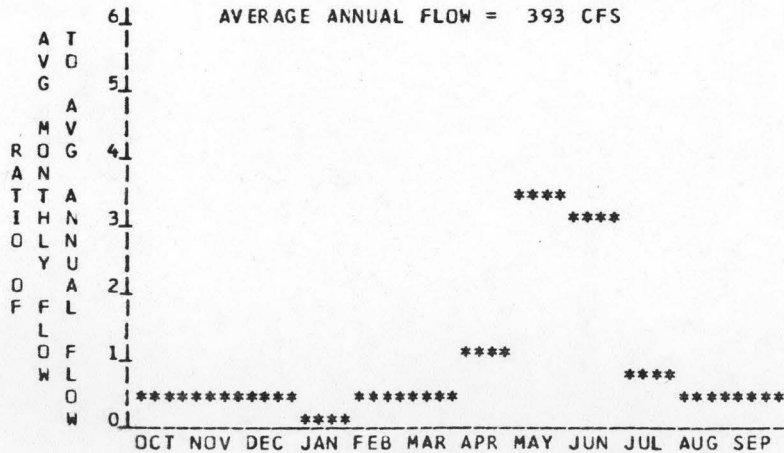
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4530 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3940 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 590 FT.
 D. AVERAGE SLOPE IN REACH 59.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 451 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

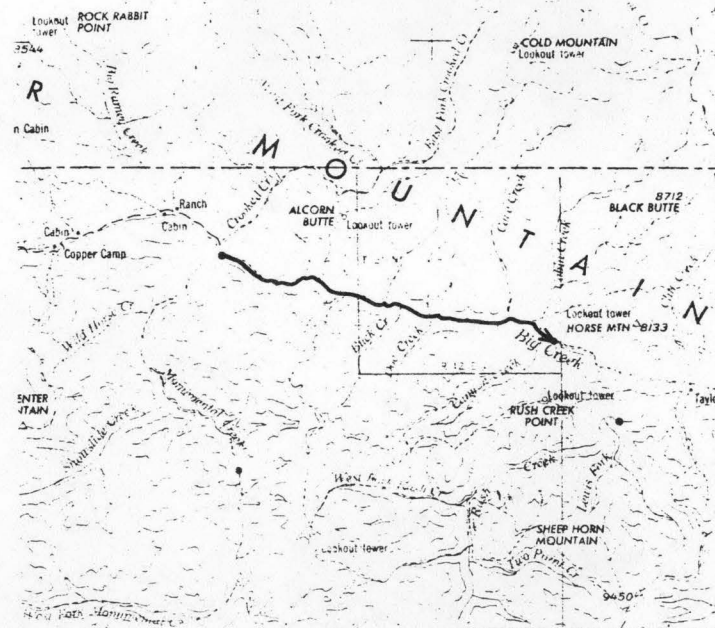
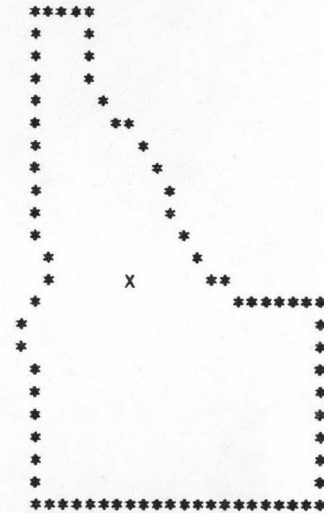
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	95	4.79	41.91	1.00
80	122	6.14	52.26	0.97
50	170	8.52	65.81	0.88
30	264	13.21	82.22	0.71
10	958	47.91	143.02	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C030030R0012

I LOCATION

A. STATE IDAHO
 B. COUNTY IDAHO, VALLEY
 C. TOWNSHIP, RANGE T21N R10E
 D. LATITUDE, LONGITUDE 45 10 115 14
 E. STREAM NAME BIG CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 22.0 TO 30.0

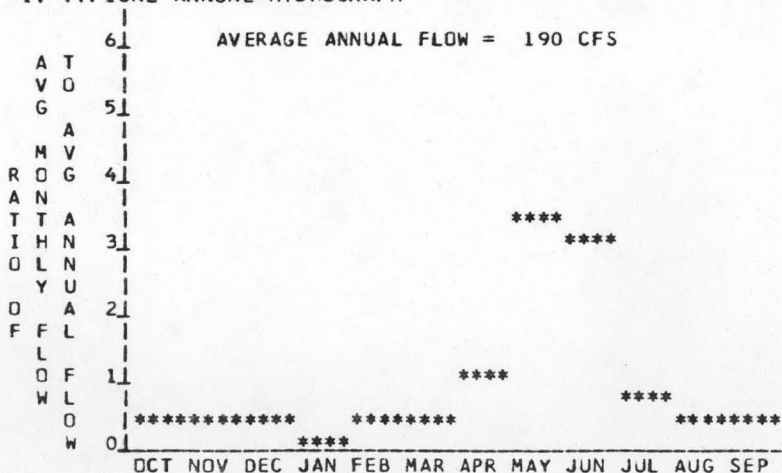
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5200 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4530 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 670 FT.
 D. AVERAGE SLOPE IN REACH 83.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 191 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

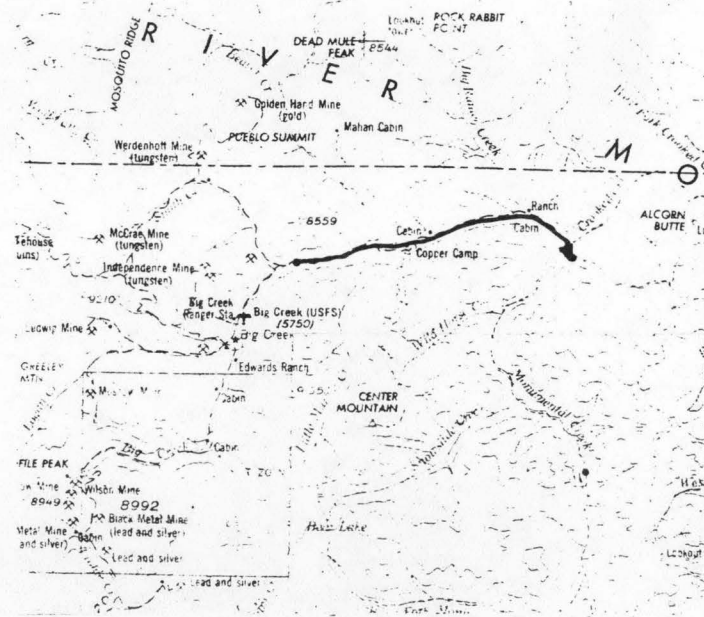
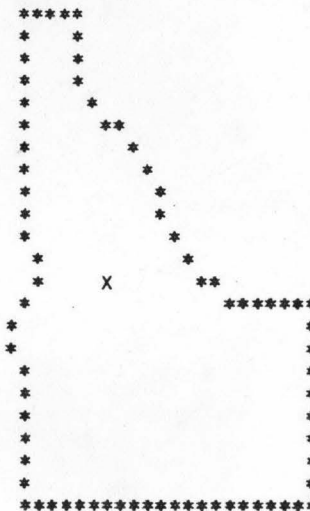
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	43	2.69	23.54	1.00
80	55	3.44	29.29	0.97
50	77	4.81	37.08	0.88
30	122	7.66	47.06	0.70
10	463	28.94	84.34	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C03CR0006

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T20N R12E
 D. LATITUDE, LONGITUDE 45 2 115 0
 E. STREAM NAME RUSH CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 2.2

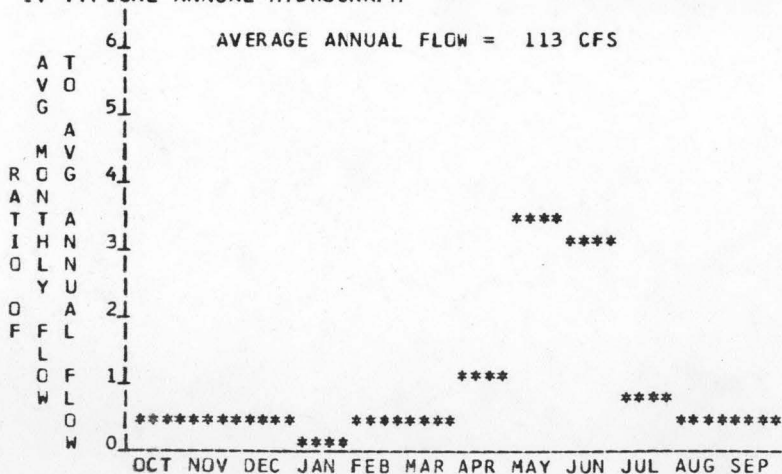
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3820 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 180 FT.
 D. AVERAGE SLOPE IN REACH 81.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 93 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

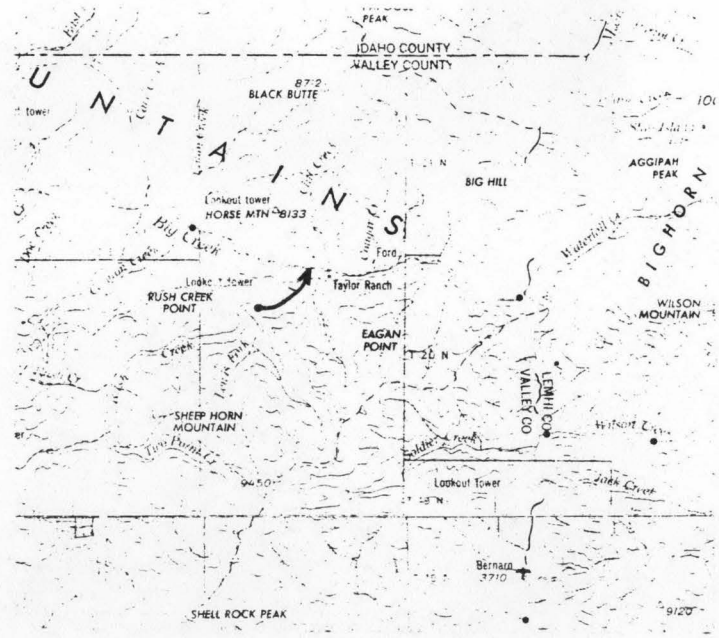
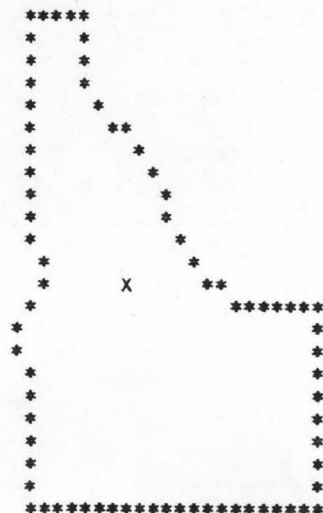
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.51	4.47	1.00
80	31	0.65	5.55	0.97
50	43	0.92	7.05	0.88
30	71	1.49	9.05	0.70
10	277	5.78	16.58	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C03CR0010

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T20N R11E
D. LATITUDE, LONGITUDE	45 5 115 10
E. STREAM NAME	MONUMENTAL CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 8.2

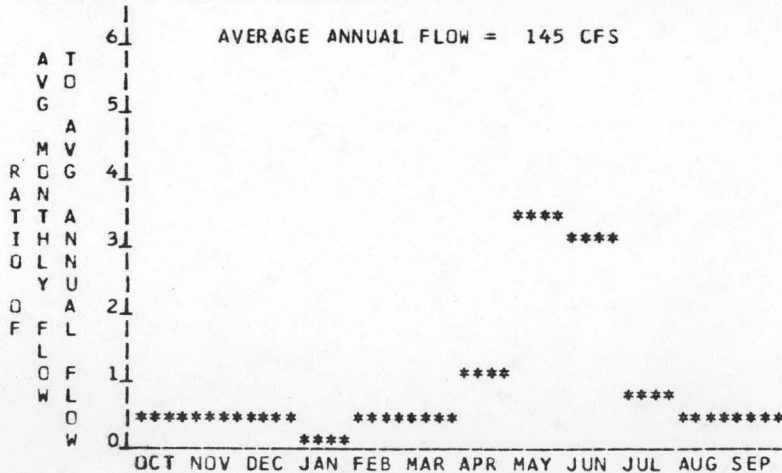
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5200 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4520 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	680 FT.
D. AVERAGE SLOPE IN REACH	82.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	123 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

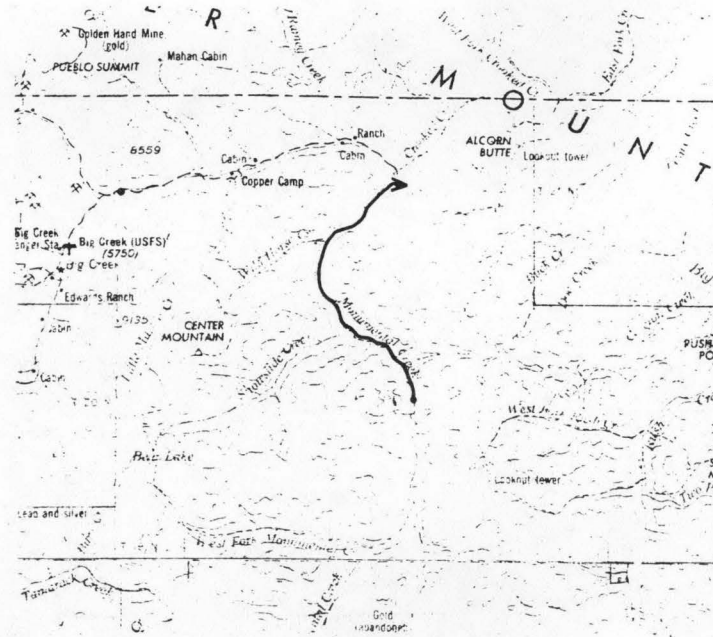
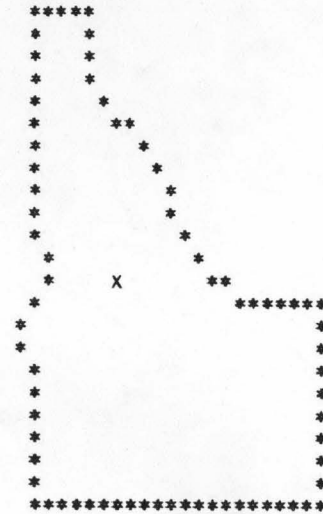
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	32	2.04	17.81	1.00
80	41	2.60	22.14	0.97
50	57	3.64	28.08	0.88
30	92	5.86	35.84	0.70
10	355	22.48	64.96	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8C03CR0018

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T18N R16E
 D. LATITUDE, LONGITUDE 44 48 114 36
 E. STREAM NAME CAMAS CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 14.2

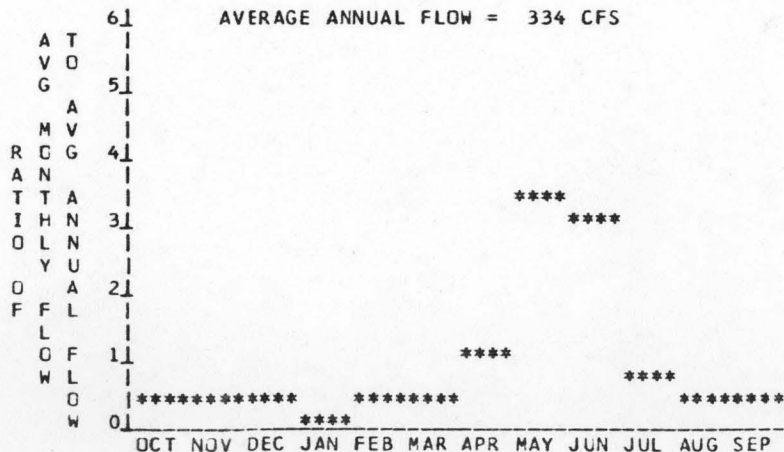
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4920 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4277 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 643 FT.
 D. AVERAGE SLOPE IN REACH 45.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 399 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	80	4.38	38.25	1.00
80	102	5.60	47.67	0.97
50	142	7.79	60.10	0.88
30	222	12.14	75.35	0.71
10	815	44.44	131.94	0.34

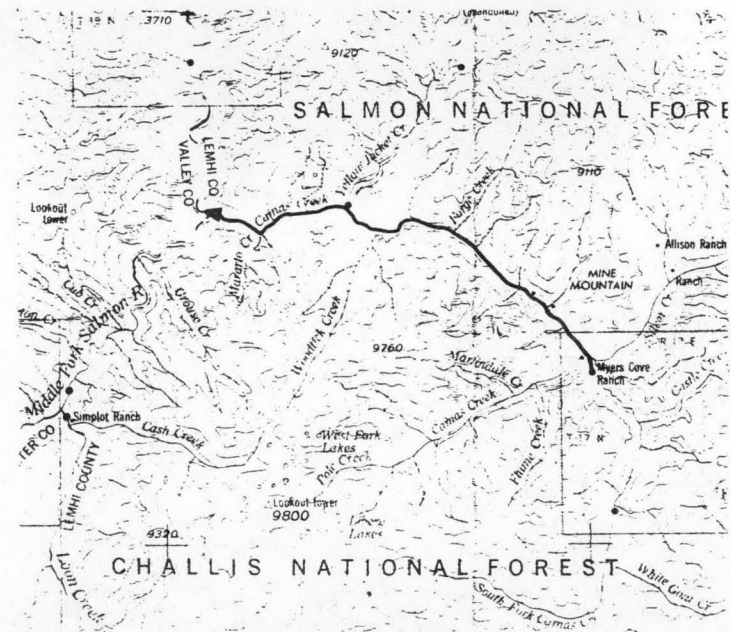
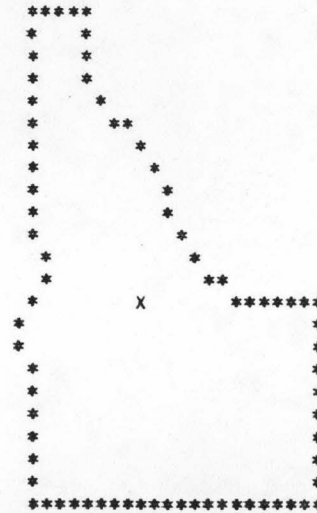
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400803CR0022

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T17N R17E
D. LATITUDE, LONGITUDE	44 45 114 30
E. STREAM NAME	CAMAS CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	14.2 TO 19.2

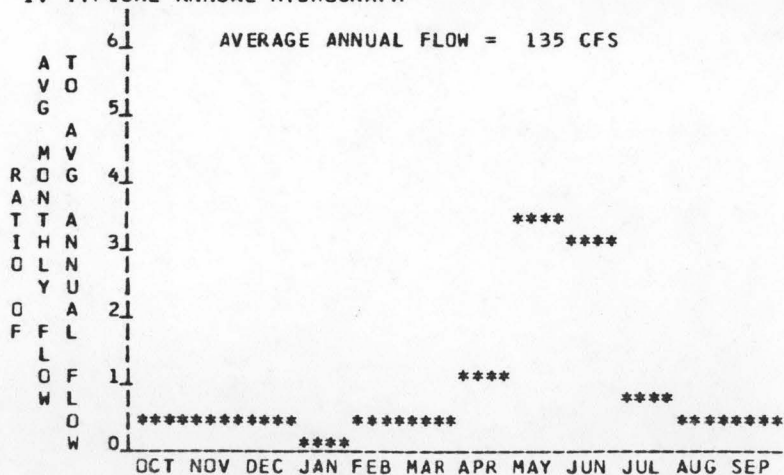
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5600 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5153 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	447 FT.
D. AVERAGE SLOPE IN REACH	89.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	133 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	1.29	11.26	1.00
80	37	1.64	13.99	0.97
50	53	2.30	17.75	0.88
30	85	3.72	22.70	0.70
10	329	14.32	41.28	0.33

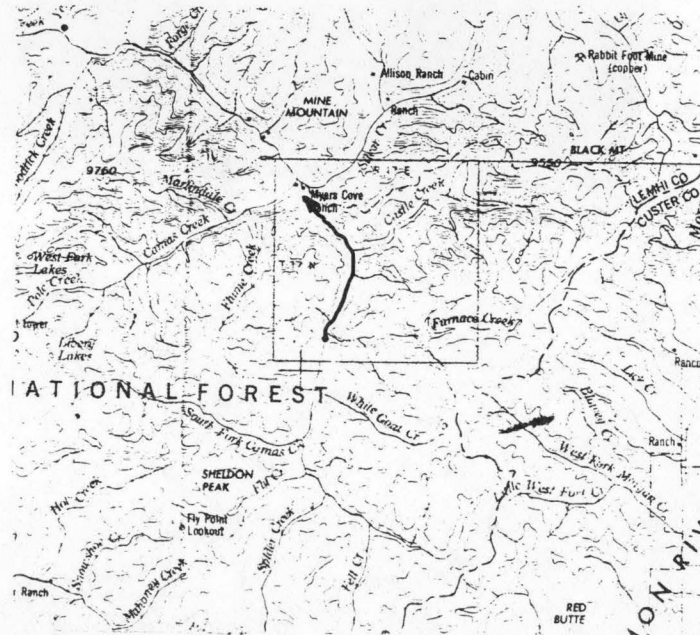
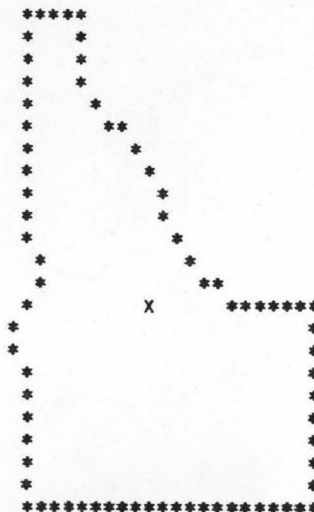
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024008C030R0020

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T19N R16E
D. LATITUDE, LONGITUDE	45 0 114 30
E. STREAM NAME	YELLOWJACKET CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 5.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY

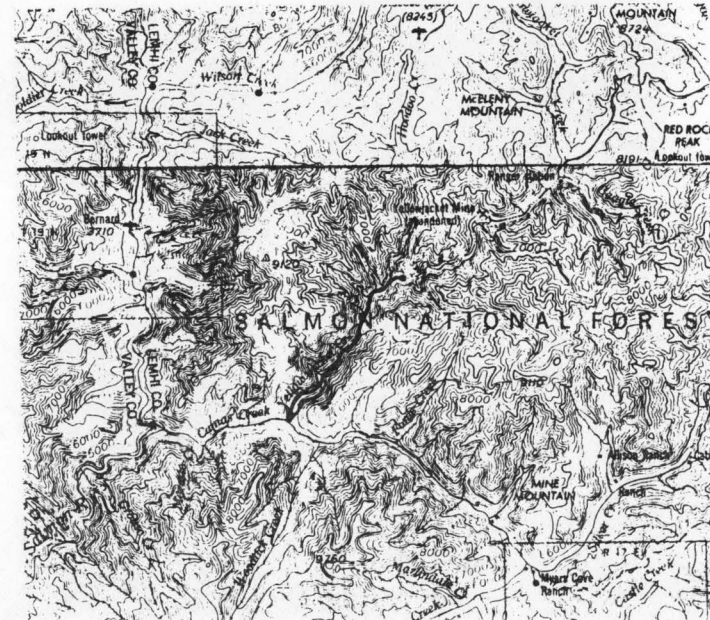
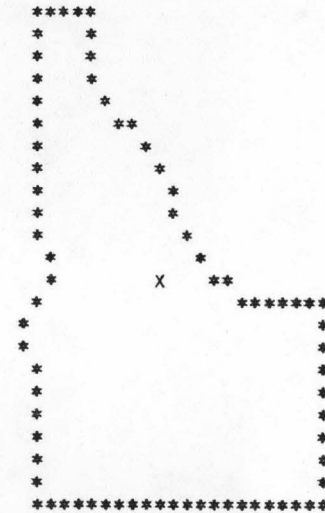
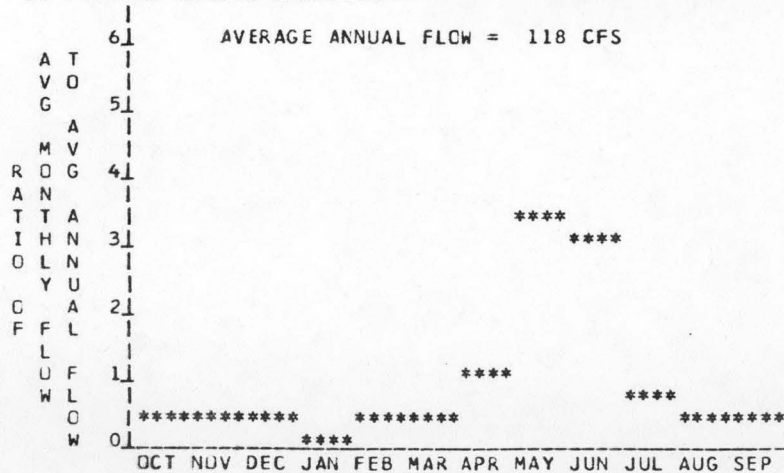
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5440 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4920 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	520 FT.
D. AVERAGE SLOPE IN REACH	89.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	100 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	1.27	11.13	1.00
80	32	1.62	13.82	0.97
50	45	2.28	17.55	0.88
30	74	3.69	22.51	0.70
10	288	14.34	41.16	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080030R0026

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER, LEMHI
C. TOWNSHIP, RANGE	T16N R14E
D. LATITUDE, LONGITUDE	44 45 114 45
E. STREAM NAME	LOGN CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 13.4

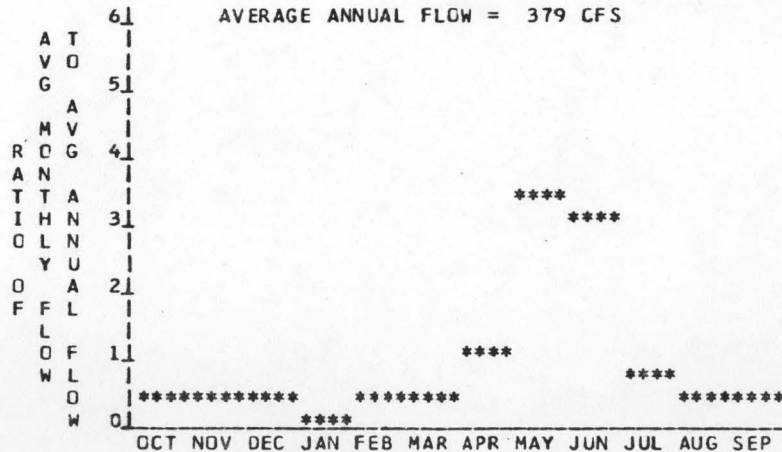
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4987 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4005 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	982 FT.
D. AVERAGE SLOPE IN REACH	73.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	354 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	92	7.68	67.15	1.00
80	118	9.84	83.72	0.97
50	164	13.66	105.46	0.88
30	254	21.19	131.85	0.71
10	925	77.03	229.69	0.34

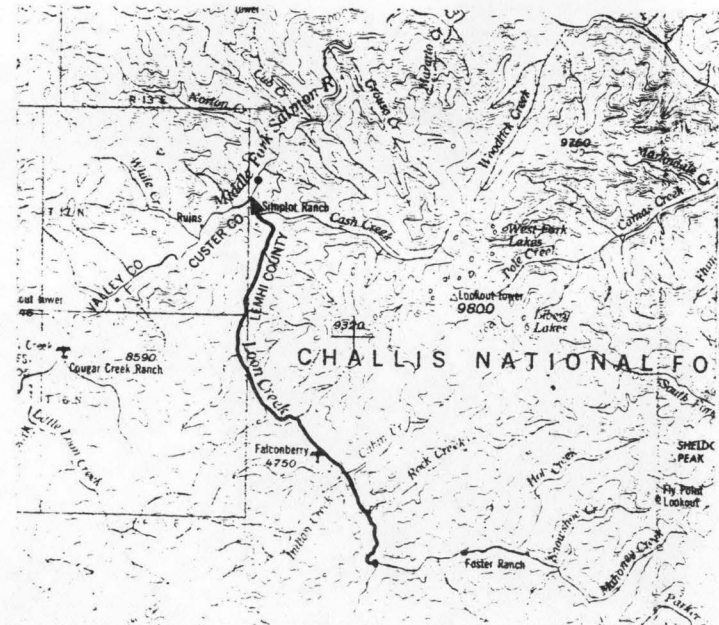
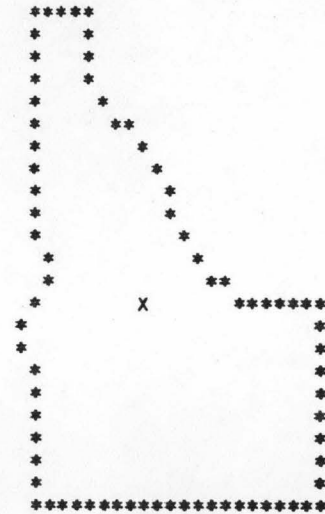
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC8003CROC30

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T15N R14E
D. LATITUDE, LONGITUDE	44 35 114 45
E. STREAM NAME	LCUN CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	13.4 TO 24.2

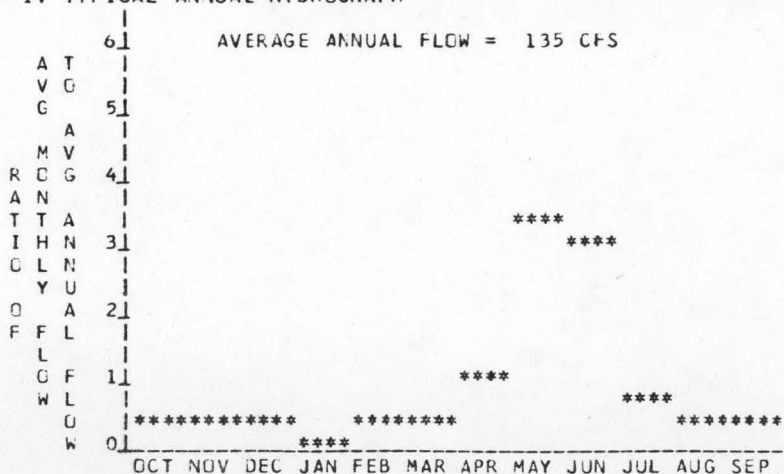
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5840 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4987 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	853 FT.
D. AVERAGE SLOPE IN REACH	79.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	164 SQ. MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

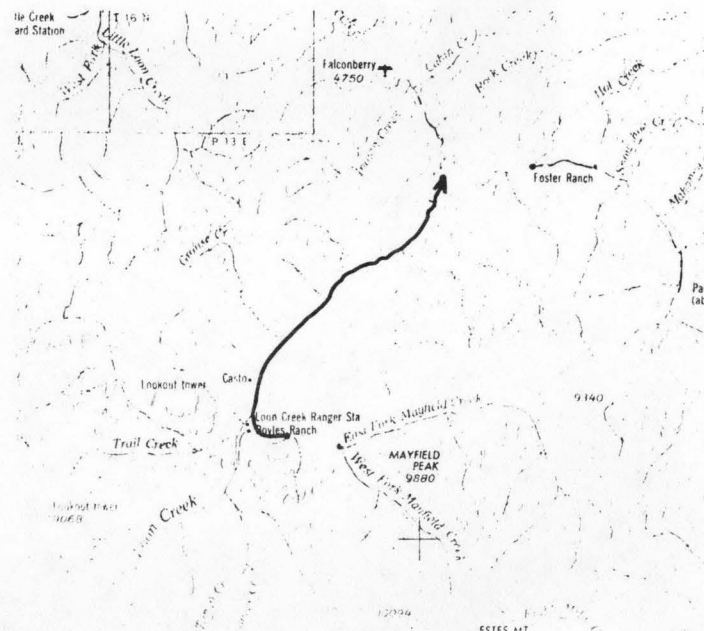
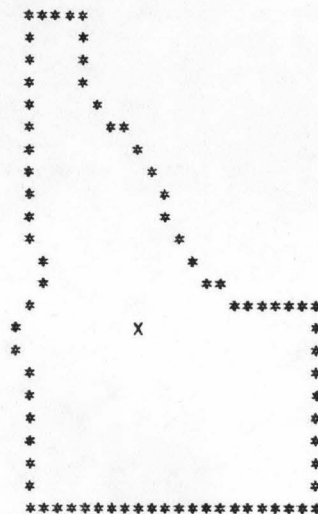
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	2.32	20.27	1.00
80	38	2.96	25.19	0.97
50	53	4.15	31.96	0.88
30	85	6.69	40.87	0.70
10	330	25.77	74.30	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008003CR0026

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER, LEMHI
C. TOWNSHIP, RANGE	T15N R16E
D. LATITUDE, LONGITUDE	44 37 114 36
E. STREAM NAME	WARM SPRINGS CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 3.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS

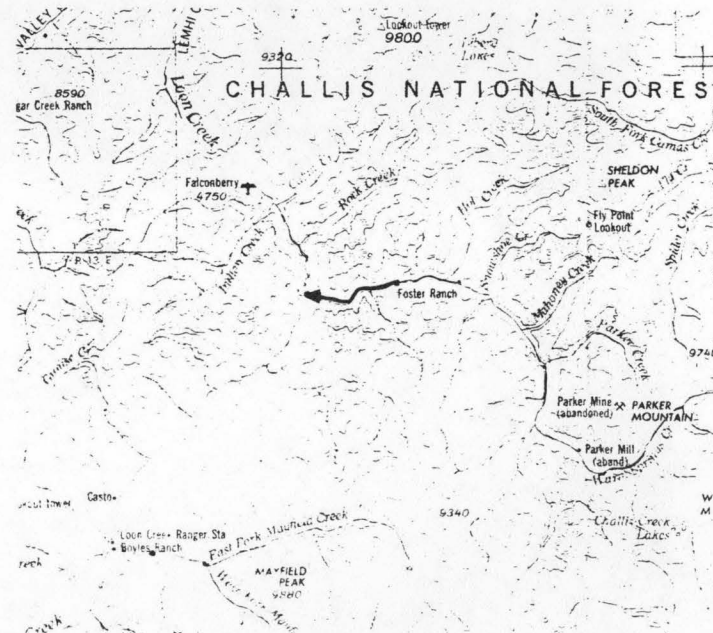
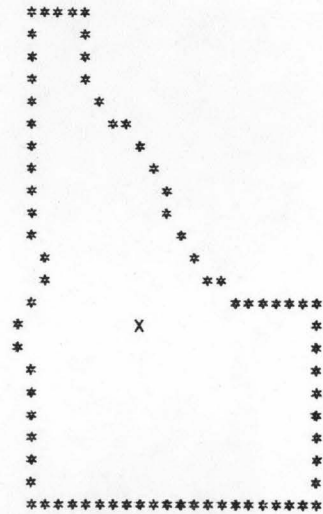
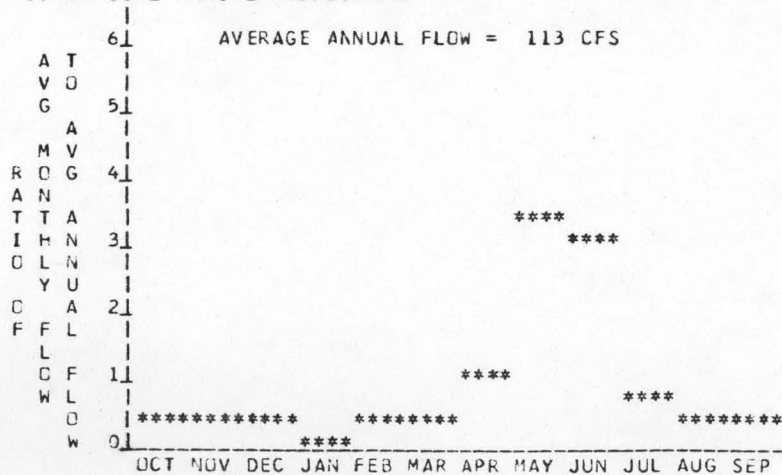
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4985 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	415 FT.
D. AVERAGE SLOPE IN REACH	138.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	38 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.99	8.68	1.00
80	31	1.27	10.78	0.97
50	43	1.78	13.70	0.88
30	70	2.89	17.59	0.69
10	275	11.24	32.23	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400803CR0036

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T17N R12E
D. LATITUDE, LONGITUDE	44 49 114 59
E. STREAM NAME	MARBLE CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 8.2

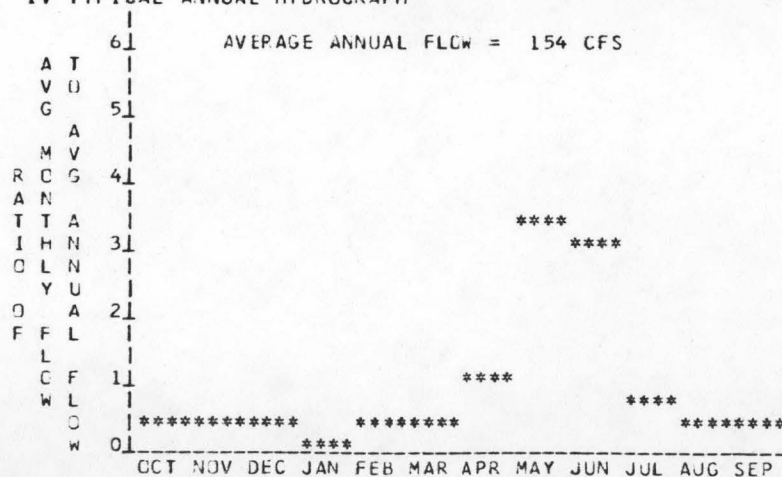
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5040 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4440 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	600 FT.
D. AVERAGE SLOPE IN REACH	73.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	131 SQ.MI.
F. INFLUX CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

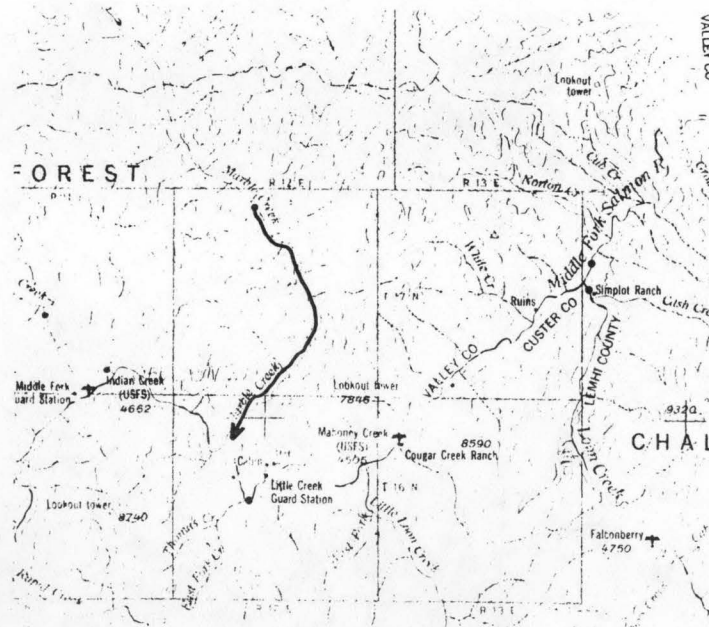
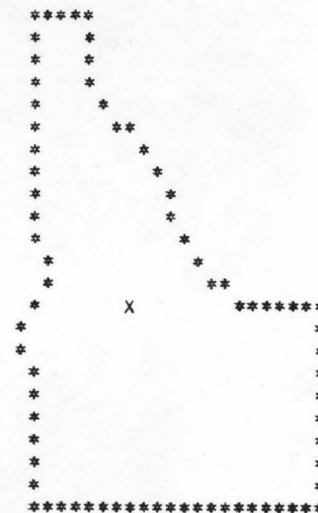
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	1.93	16.91	1.00
80	43	2.47	21.02	0.97
50	61	3.46	26.65	0.88
30	98	5.55	33.98	0.70
10	376	21.23	61.44	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008003CROC38

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T17N R10E
D. LATITUDE, LONGITUDE	44 49 115 13
E. STREAM NAME	INDIAN CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 3.7

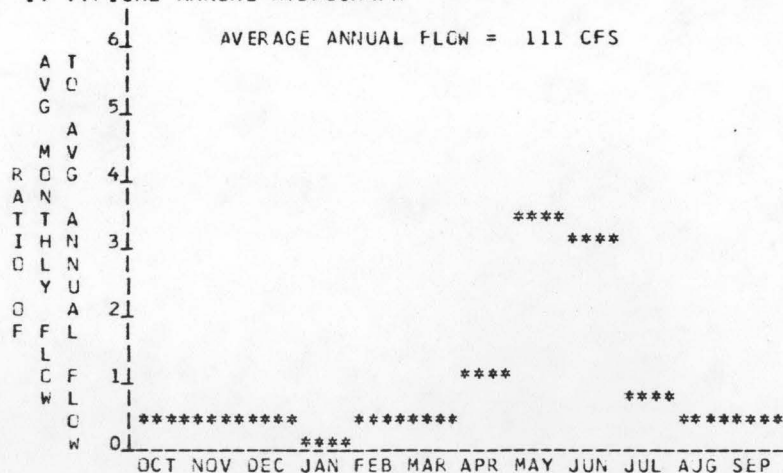
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4880 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4600 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	280 FT.
D. AVERAGE SLOPE IN REACH	75.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	77 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

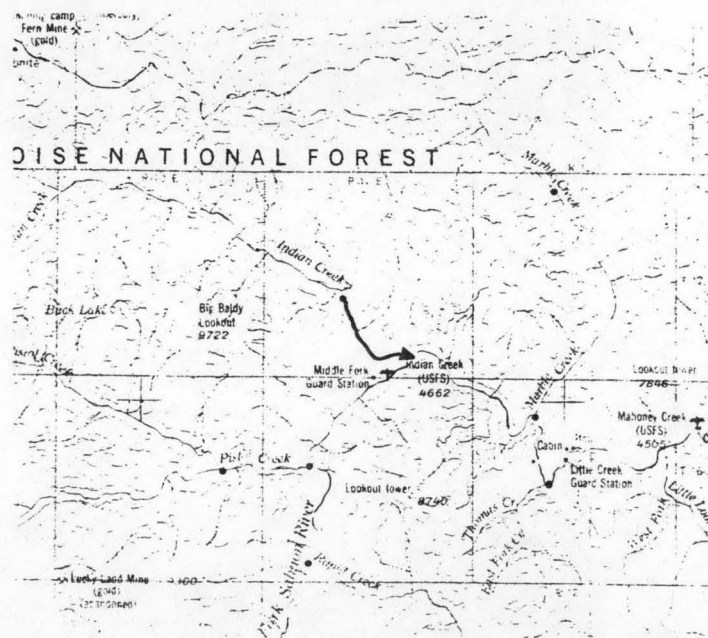
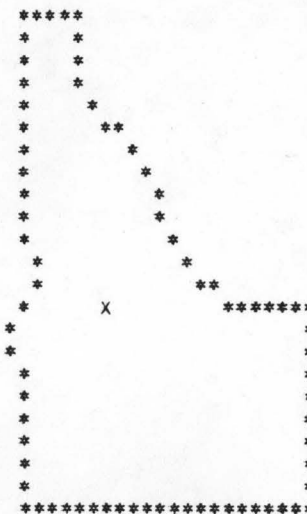
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.70	6.14	1.00
80	30	0.90	7.62	0.97
50	42	1.26	9.69	0.88
30	69	2.04	12.44	0.69
10	271	7.96	22.80	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008003CR0042

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T16N R10E
D. LATITUDE, LONGITUDE	44 44 115 15
E. STREAM NAME	PISTOL CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 2.7

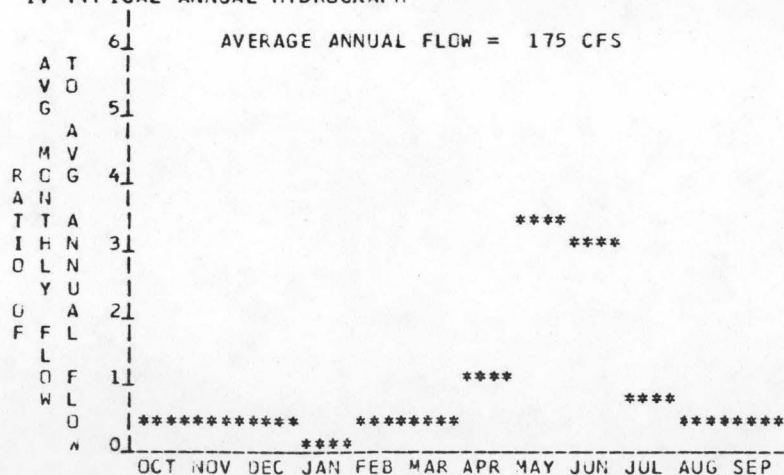
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5040 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4790 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	250 FT.
D. AVERAGE SLOPE IN REACH	92.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	112 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

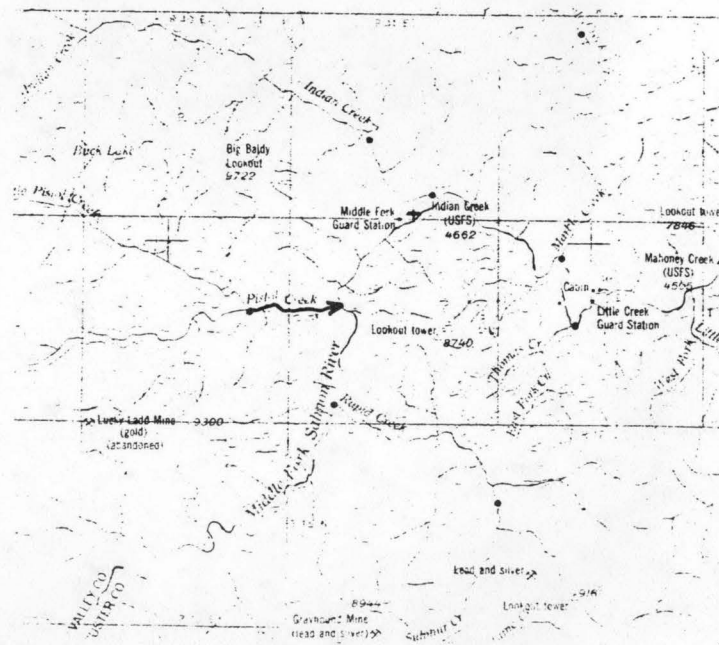
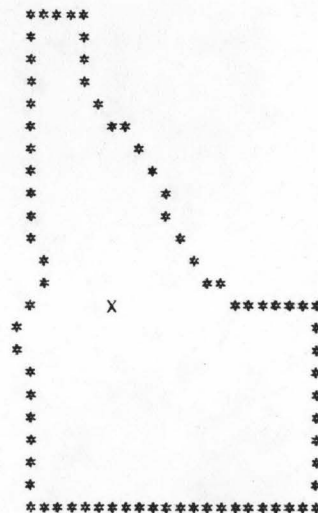
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	1.06	9.27	1.00
80	50	1.35	11.53	0.97
50	70	1.89	14.60	0.88
30	112	3.03	18.56	0.70
10	428	11.48	33.38	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008003CR0044

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T15N R11E
D. LATITUDE, LONGITUDE	44 36 115 4
E. STREAM NAME	RAPID RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 6.5

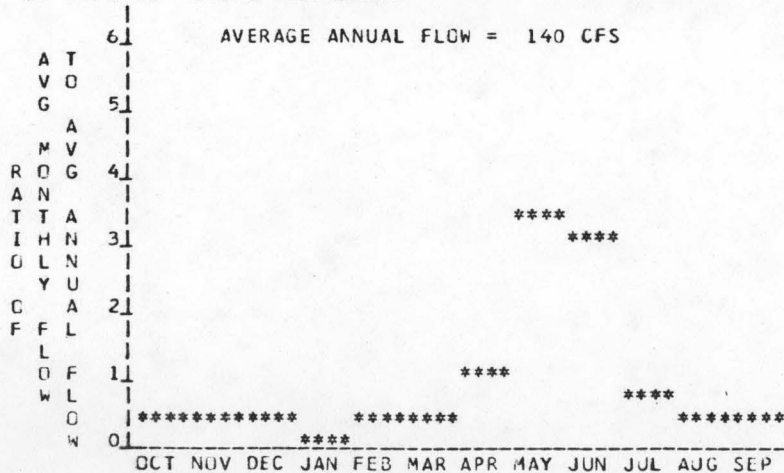
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5430 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4900 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	580 FT.
D. AVERAGE SLOPE IN REACH	89.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	122 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

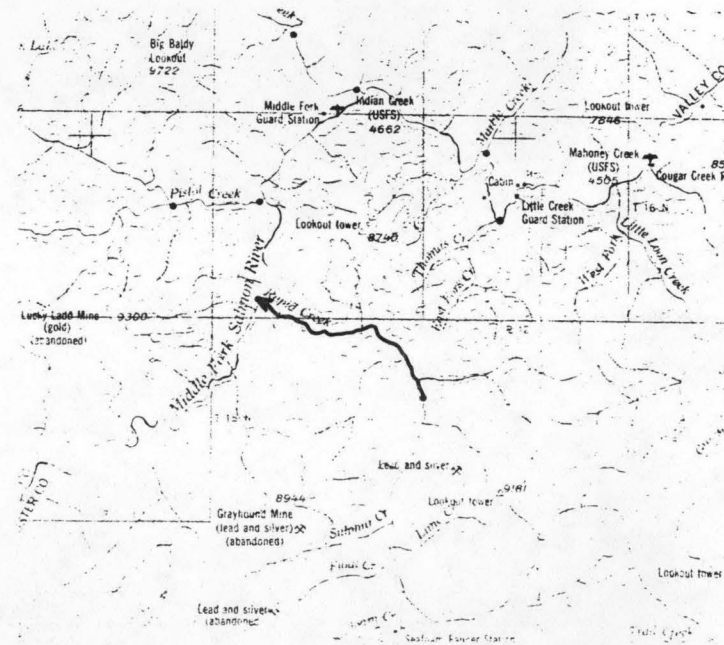
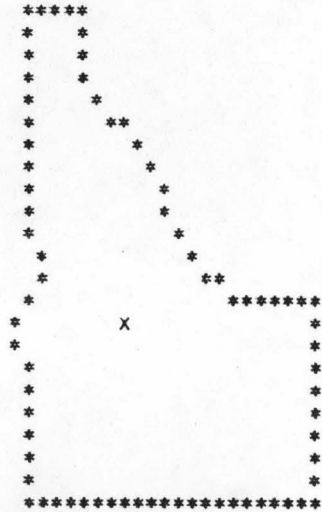
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	1.70	14.85	1.00
80	39	2.17	18.45	0.97
50	55	3.04	23.41	0.88
30	89	4.89	29.90	0.70
10	343	18.80	54.28	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C8C03CR0050

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T13N R10E
D. LATITUDE, LONGITUDE	44 26 115 15
E. STREAM NAME	BEAR VALLEY CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 3.8

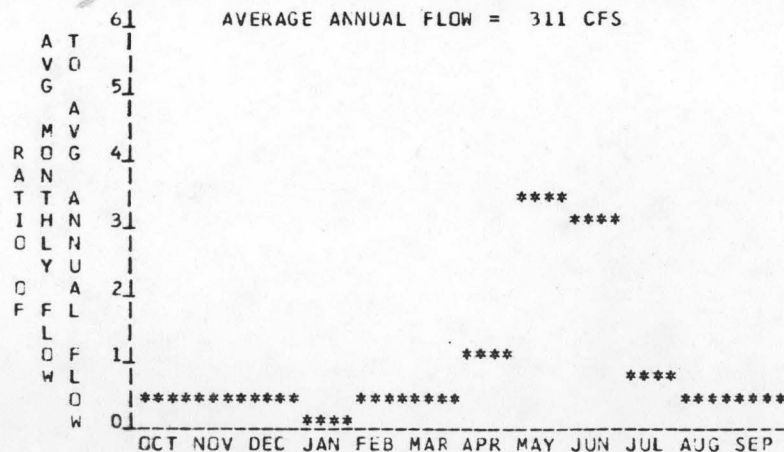
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6320 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6160 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	160 FT.
D. AVERAGE SLOPE IN REACH	42.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	156 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

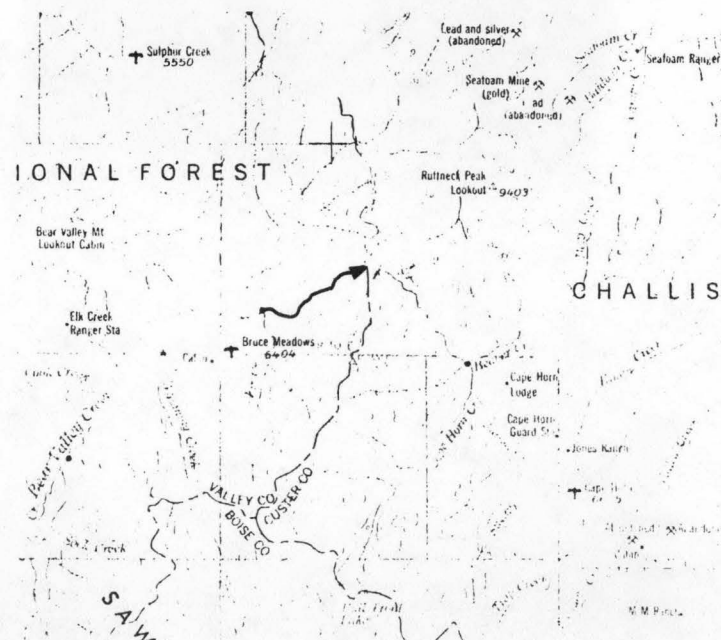
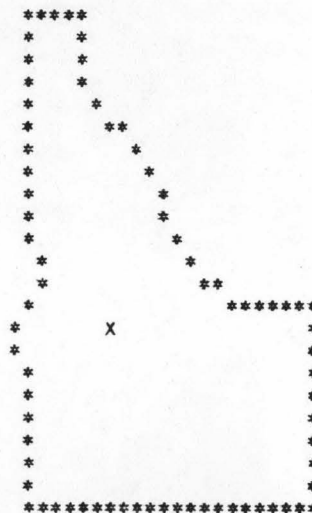
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	74	1.01	8.80	1.00
80	95	1.29	10.97	0.97
50	132	1.79	13.84	0.88
30	206	2.80	17.37	0.71
10	759	10.30	30.51	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080030R0052

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T12N R09E
D. LATITUDE, LONGITUDE	44 24 115 22
E. STREAM NAME	BEAR VALLEY CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	3.8 TO 12.7

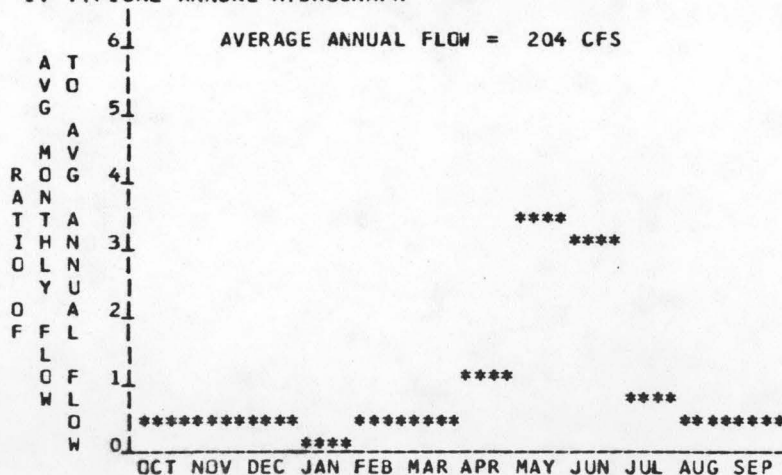
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6480 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6320 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	160 FT.
D. AVERAGE SLOPE IN REACH	18.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	147 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	46	0.90	7.84	1.00
80	59	1.15	9.75	0.97
50	83	1.60	12.34	0.88
30	132	2.54	15.63	0.70
10	499	9.56	27.94	0.33

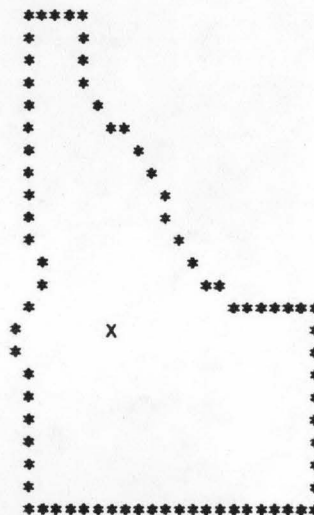
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080040F0002

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T23N R17E
 D. LATITUDE, LONGITUDE 45 18 114 25
 E. STREAM NAME PANTHER CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 1.1

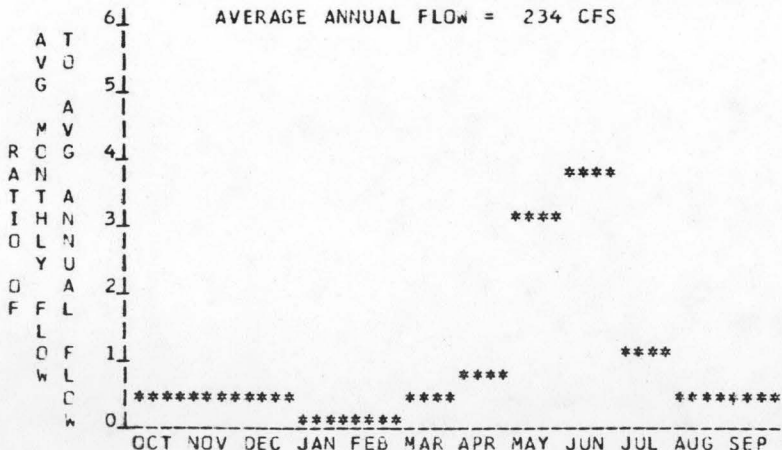
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3265 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3190 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 75 FT.
 D. AVERAGE SLOPE IN REACH 68.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 532 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

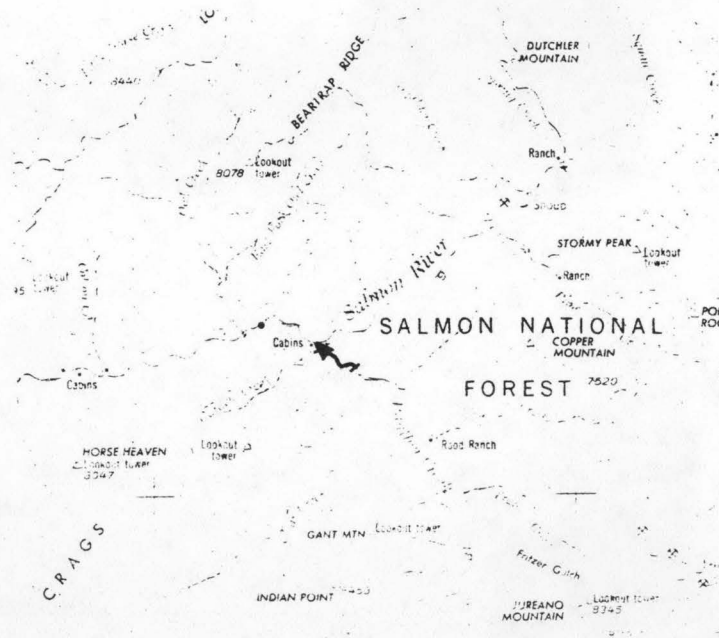
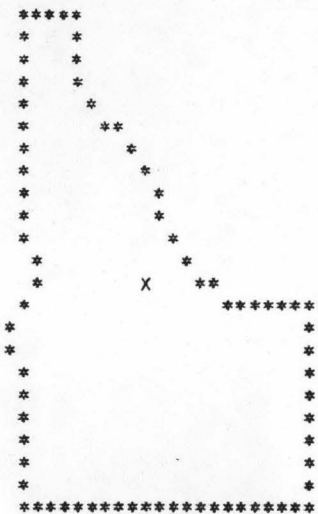
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	54	0.35	3.02	1.00
80	69	0.44	3.75	0.97
50	96	0.62	4.75	0.88
30	152	0.97	6.00	0.70
10	271	3.63	10.66	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C040R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T22N R18E
D. LATITUDE, LONGITUDE	45 15 114 19
E. STREAM NAME	PANTHER CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	1.1 TO 18.3

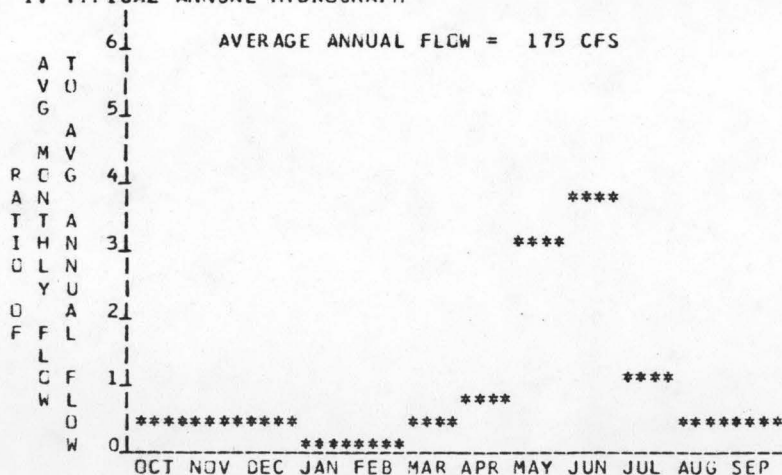
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4800 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3265 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1535 FT.
D. AVERAGE SLOPE IN REACH	89.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	518 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

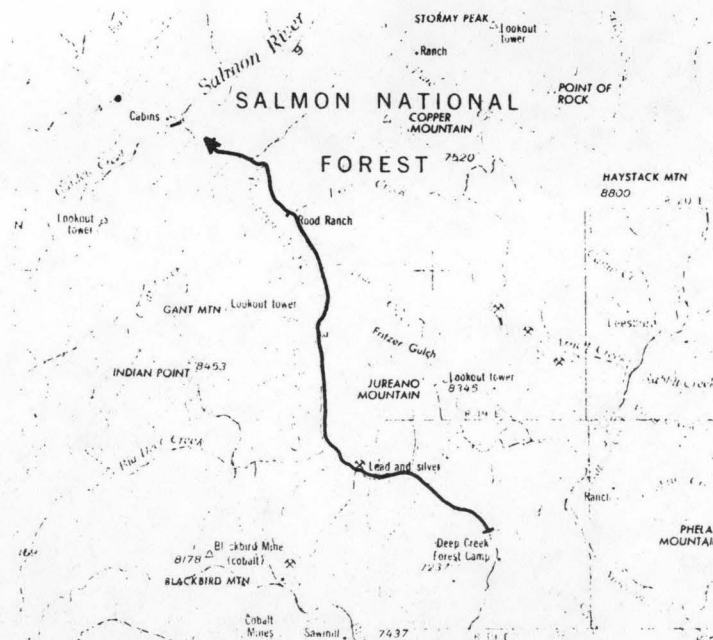
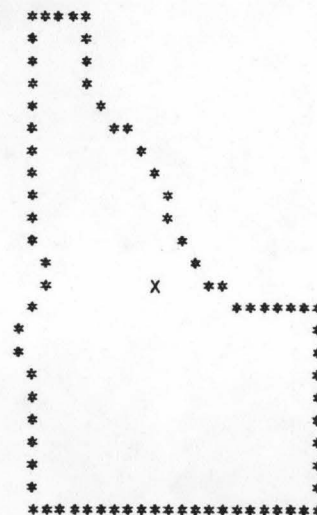
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	5.36	46.87	1.00
30	50	6.85	58.29	0.97
50	70	9.58	73.83	0.88
30	112	15.30	93.88	0.70
10	428	58.08	168.83	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ELK CITY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240030045R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T26N R21E
 D. LATITUDE, LONGITUDE 45 33 113 56
 E. STREAM NAME NORTH FORK SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 3.3

LOCATION MAPS

J.S. TUPO SERIES
 1:250000
 SCALE
 MAP NAME
 DILLON

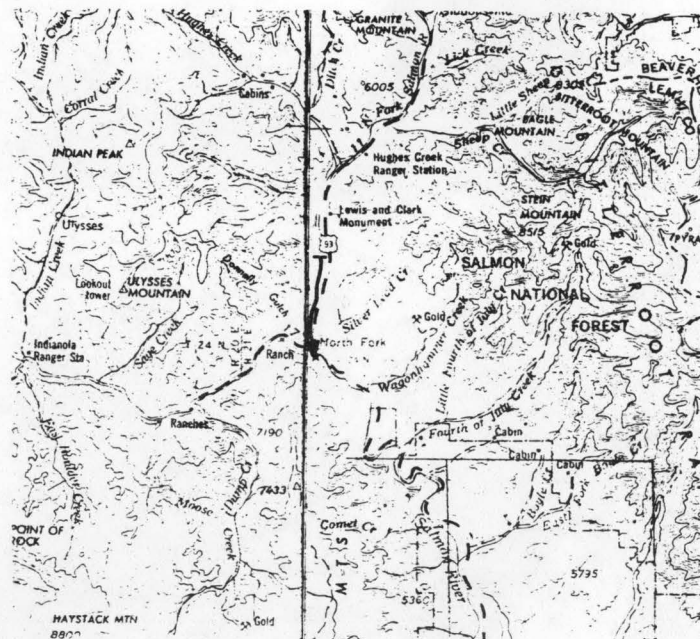
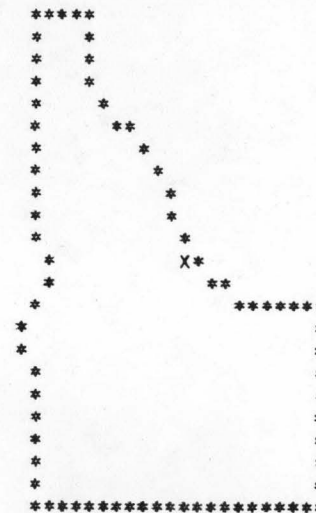
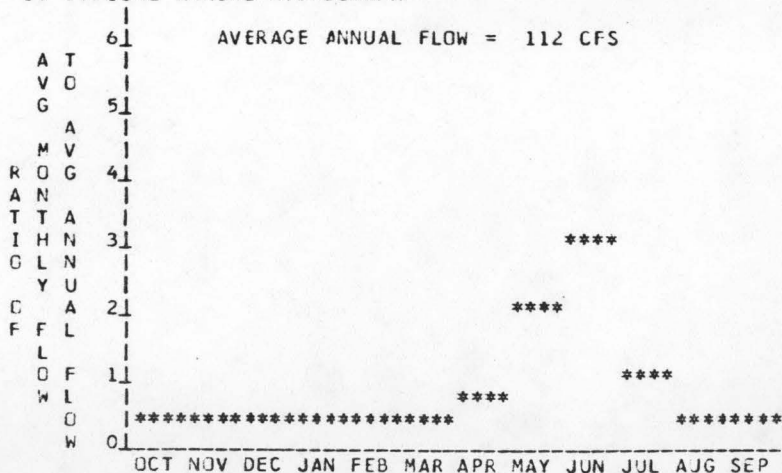
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3900 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3620 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 280 FT.
 D. AVERAGE SLOPE IN REACH 84.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 211 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.71	6.21	1.00
80	30	0.91	7.71	0.97
50	43	1.27	9.80	0.88
30	70	2.07	12.58	0.69
10	274	8.05	23.06	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

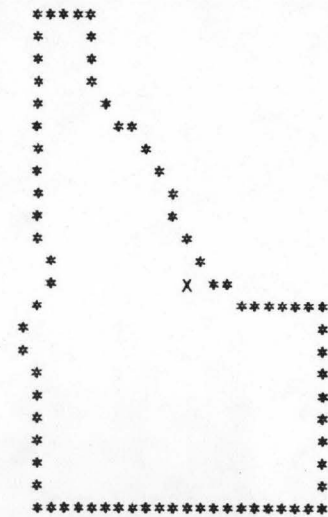
REACH NUMBER 03500240080050R0C02

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T21N R22E
D. LATITUDE, LONGITUDE	45 10 113 51
E. STREAM NAME	LEMHI RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 2.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DILLON



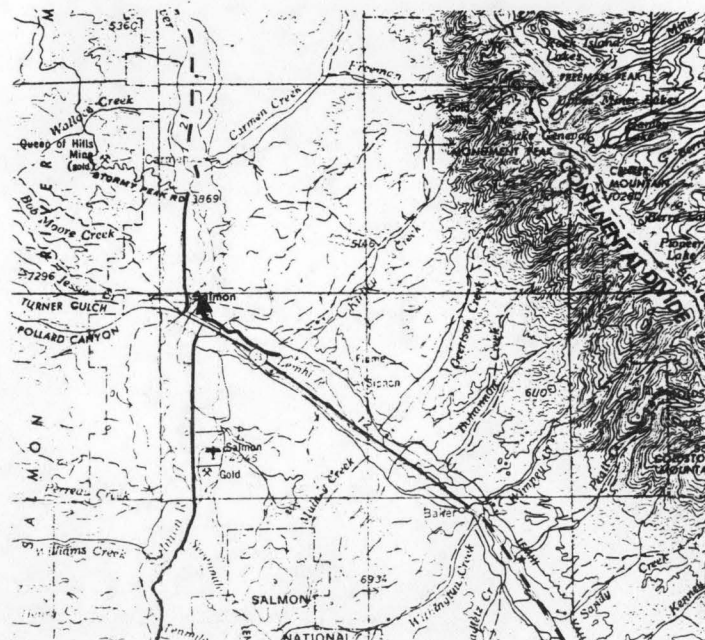
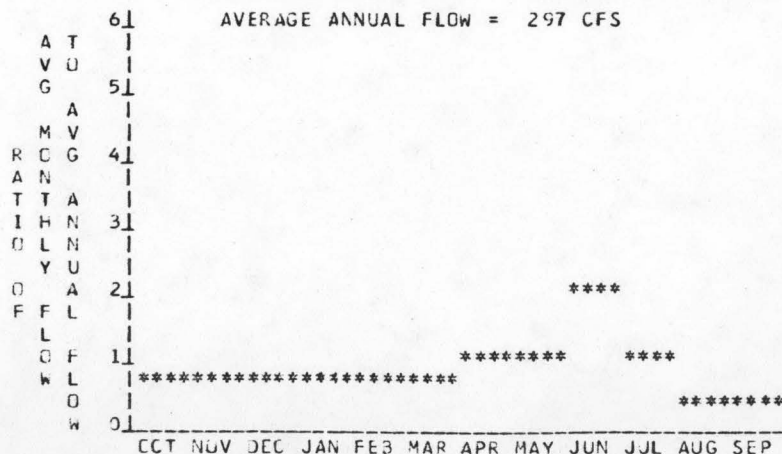
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4000 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3920 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	80 FT.
D. AVERAGE SLOPE IN REACH	28.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1269 SQ. MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	35	0.24	2.05	0.98
80	115	0.78	6.20	0.91
50	210	1.42	9.87	0.79
30	260	1.76	11.06	0.72
10	390	2.64	12.60	0.54

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240030050R0004

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T21N R23E
 D. LATITUDE, LONGITUDE 45 7 113 45
 E. STREAM NAME LEMHI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 2.8 TO 12.0

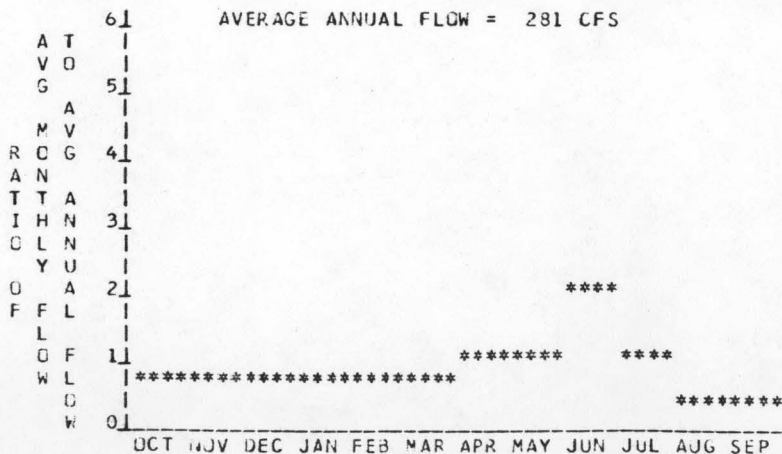
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4400 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 400 FT.
 D. AVERAGE SLOPE IN REACH 43.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1258 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

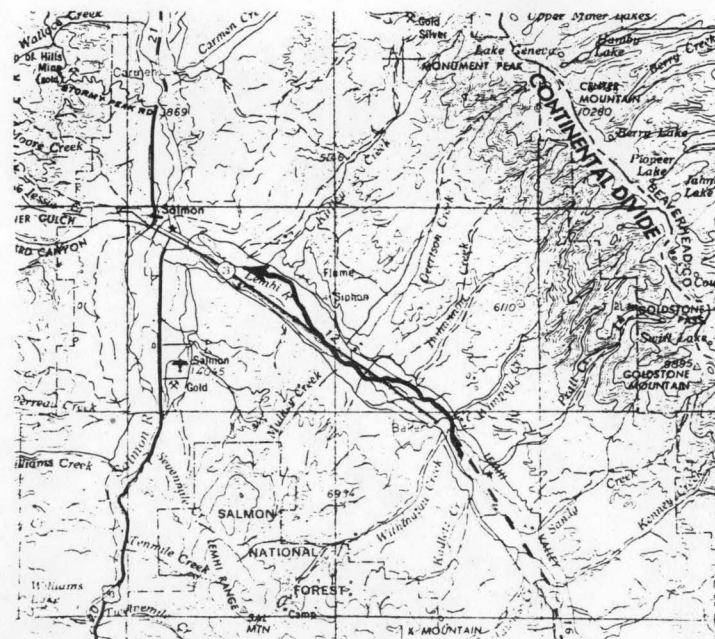
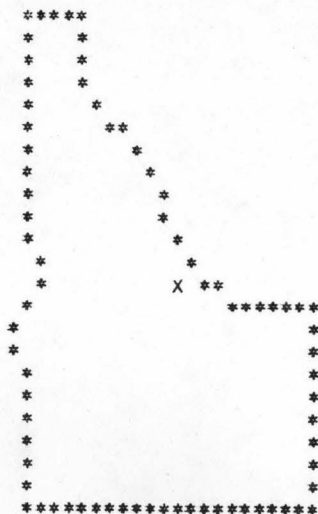
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	56	1.90	16.41	0.99
80	130	4.41	35.63	0.92
50	217	7.36	52.43	0.81
30	268	9.08	58.48	0.73
10	399	13.53	66.26	0.56

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DILLON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008005 0R0006

I LOCATION

A. STATE	IDAHO
B. COUNTY	LEMHI
C. TOWNSHIP, RANGE	T20N R24E
D. LATITUDE, LONGITUDE	45 1 113 39
E. STREAM NAME	LEMHI RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	12.0 TO 23.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DILLON

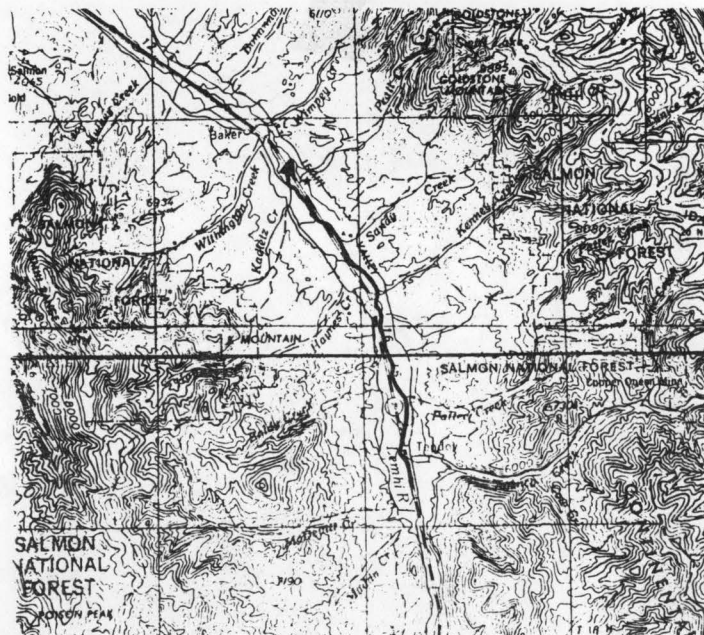
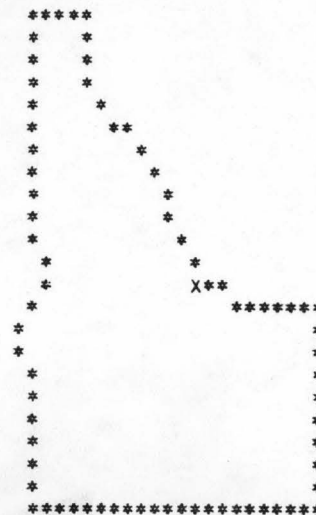
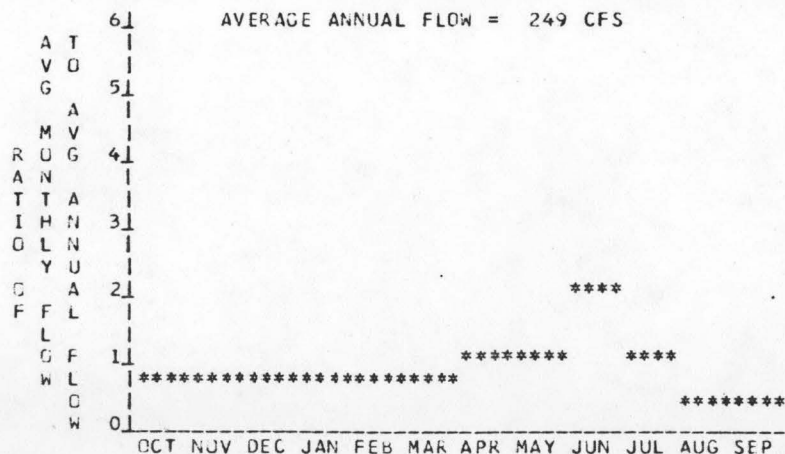
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4880 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4400 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	480 FT.
D. AVERAGE SLOPE IN REACH	43.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1126 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	104	4.23	36.59	0.99
80	170	6.92	57.17	0.94
50	232	9.44	71.53	0.87
30	274	11.15	77.51	0.79
10	419	17.04	87.95	0.59

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080050R0008

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T13N R24E
 D. LATITUDE, LONGITUDE 44 54 113 37
 E. STREAM NAME LEMHI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 23.0 TO 28.0

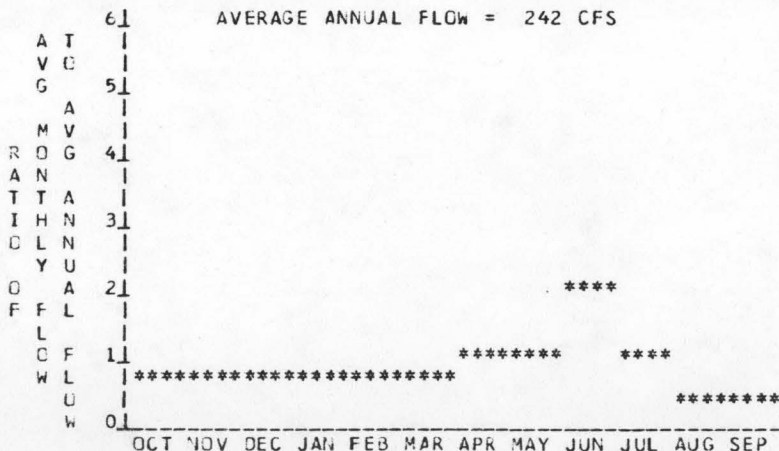
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5160 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4880 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 280 FT.
 D. AVERAGE SLOPE IN REACH 56.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 934 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

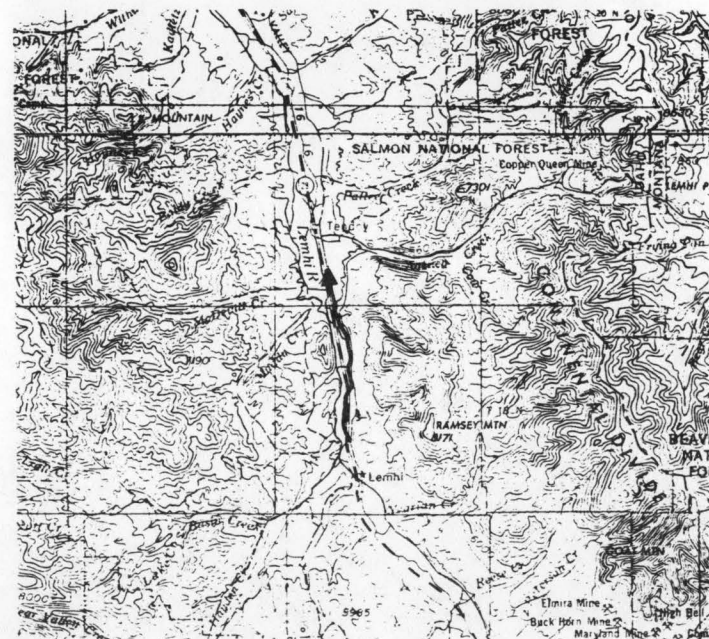
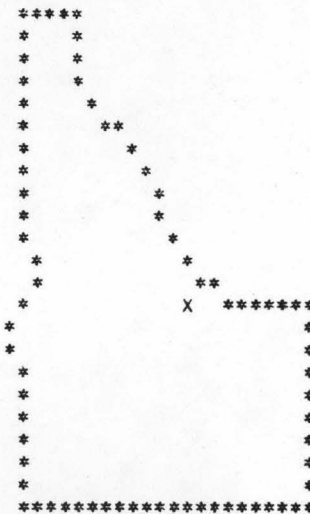
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	111	2.63	22.85	0.99
80	155	3.68	30.86	0.96
50	231	5.48	41.13	0.86
30	275	6.53	44.78	0.78
10	372	8.83	48.82	0.63

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME DUBOIS



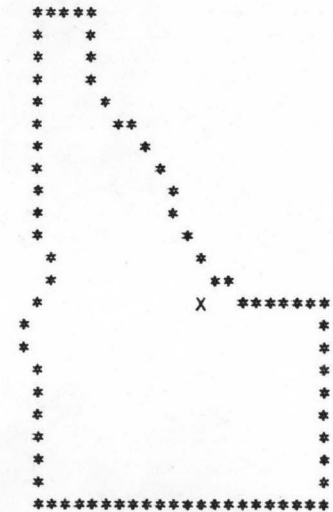
REACH HYDRO-POTENTIAL CHARACTERISTICS

PEACH NUMBER 03500240080050R0010

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T17N R24E
 D. LATITUDE, LONGITUDE 44 48 113 34
 E. STREAM NAME LEMHI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 28.0 TO 39.5

LOCATION MAPS
 U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DUBUIS



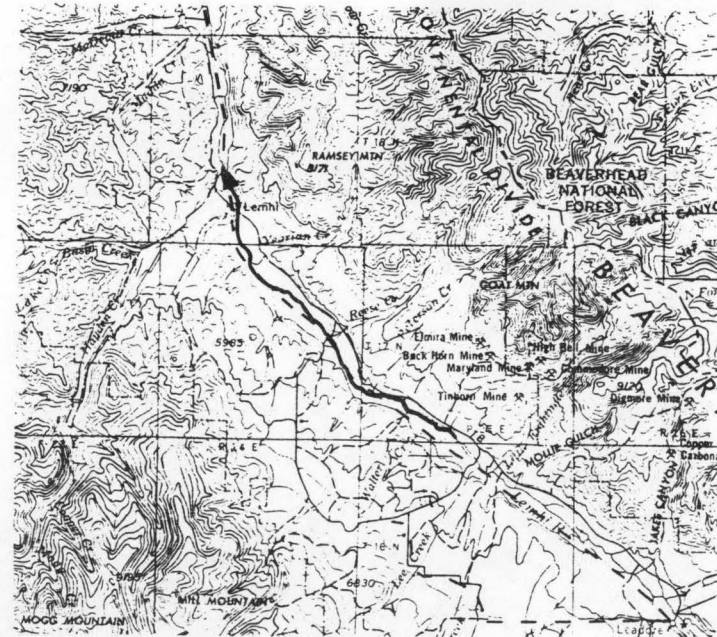
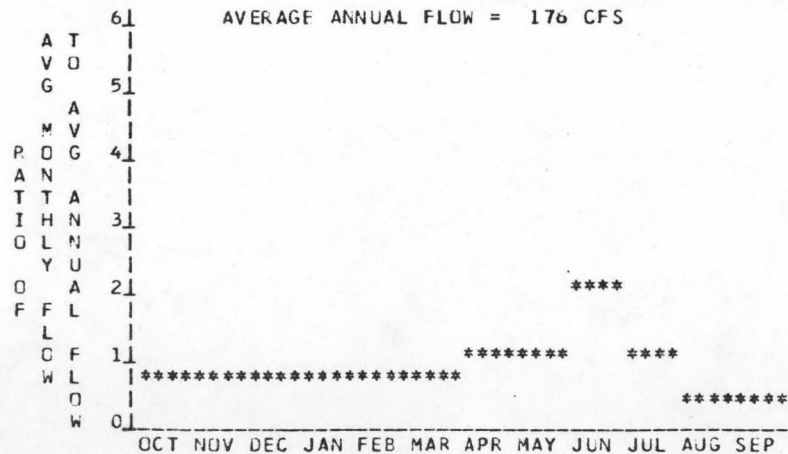
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5620 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5160 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 460 FT.
 D. AVERAGE SLOPE IN REACH 40.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 734 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	80	3.12	27.06	0.99
80	113	4.41	36.92	0.96
50	167	6.51	48.91	0.86
30	200	7.80	53.42	0.78
10	270	10.53	58.20	0.63

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C050R0C12

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T16N R25E
 D. LATITUDE, LONGITUDE 44 43 113 26
 E. STREAM NAME LEMHI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 39.5 TO 47.0

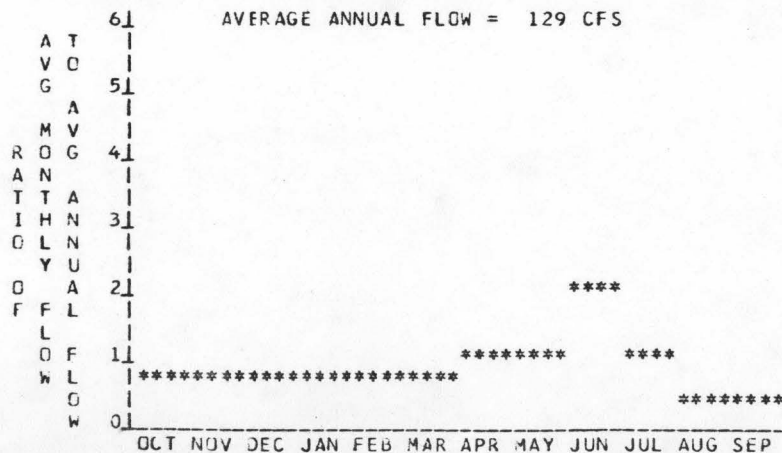
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5960 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5620 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 340 FT.
 D. AVERAGE SLOPE IN REACH 45.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 609 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	53	1.53	13.25	0.99
80	74	2.13	17.89	0.96
50	110	3.17	23.80	0.86
30	131	3.77	25.92	0.78
10	177	5.10	28.24	0.63

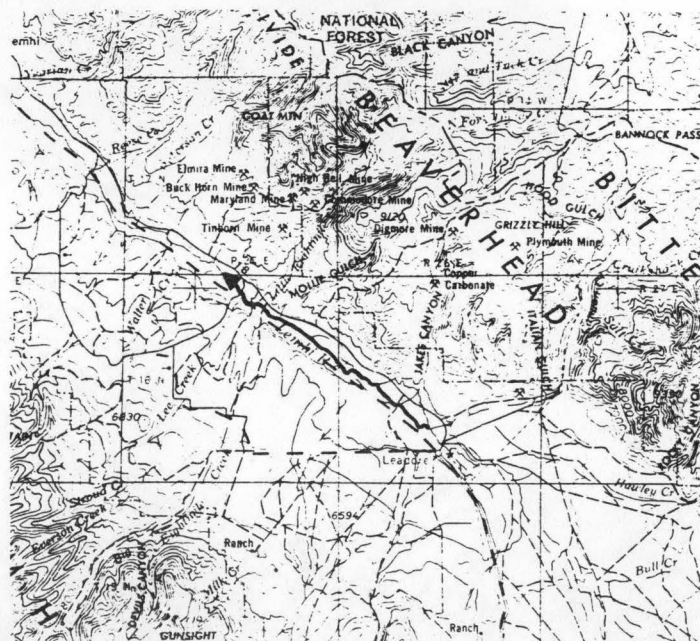
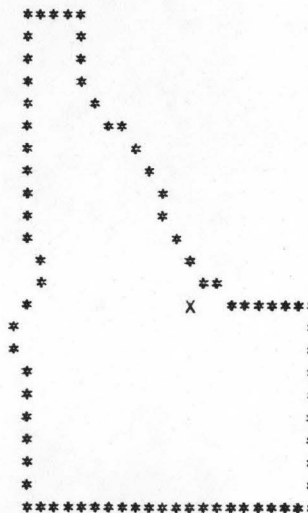
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024002005CROC14

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI
 C. TOWNSHIP, RANGE T16N R26E
 D. LATITUDE, LONGITUDE 44 40 113 20
 E. STREAM NAME LEMHI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 47.0 TC 50.5

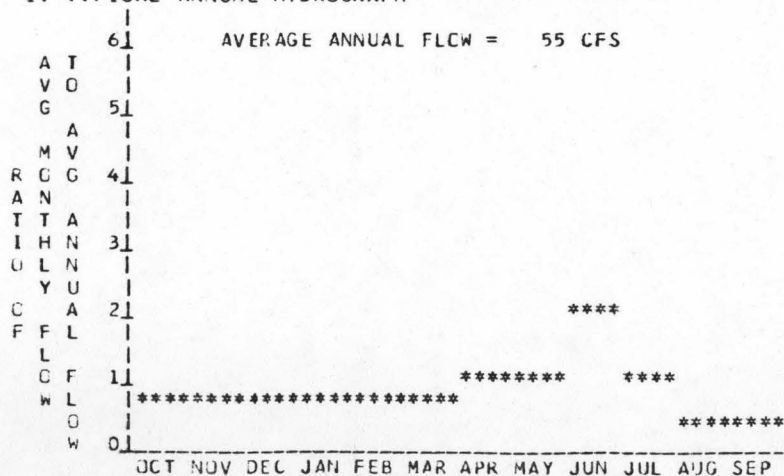
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6020 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5960 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 60 FT.
 D. AVERAGE SLOPE IN REACH 17.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 223 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

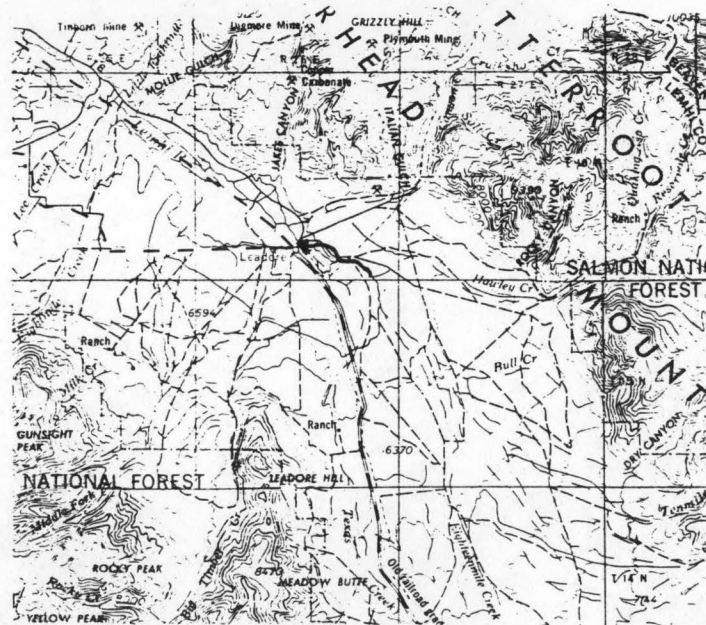
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	0.27	2.32	0.99
80	35	0.37	3.14	0.96
50	52	0.56	4.17	0.86
30	62	0.66	4.54	0.78
10	85	0.91	4.97	0.63

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES 1:250000
 SCALE
 MAP NAME DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080060R0C02

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI, CUSTER
 C. TOWNSHIP, RANGE T15N R21E
 D. LATITUDE, LONGITUDE 44 37 113 59
 E. STREAM NAME PAHSIMEROI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 12.0

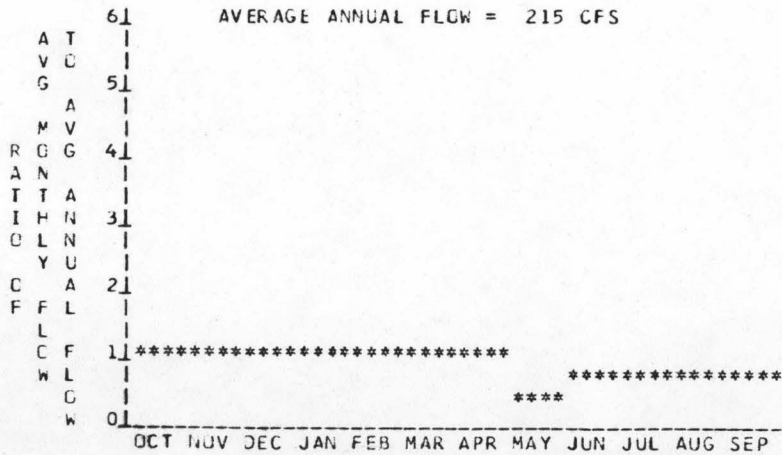
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4960 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4640 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 320 FT.
 D. AVERAGE SLOPE IN REACH 26.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 835 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

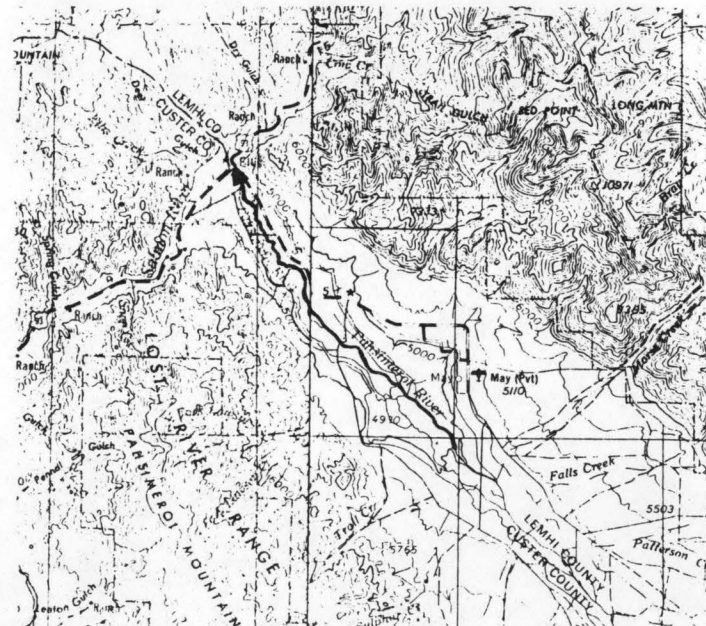
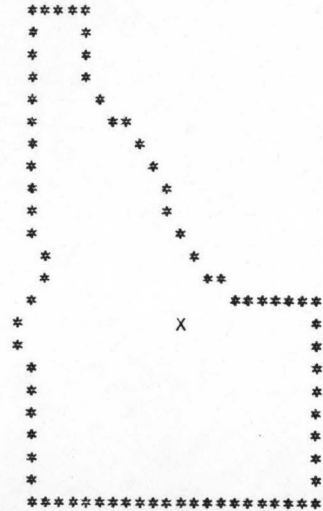
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	99	2.68	23.29	0.99
80	138	3.74	31.40	0.96
50	205	5.56	41.75	0.86
30	244	6.62	45.45	0.78
10	331	8.98	49.58	0.63

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES 1:250000
 SCALE
 MAP NAME DUBCIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035024009006CRJ004

I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI, CUSTER
 C. TOWNSHIP, RANGE T14N R22E
 D. LATITUDE, LONGITUDE 44 33 113 53
 E. STREAM NAME PAHSIMERDI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 12.0 TO 16.5

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DUBOIS



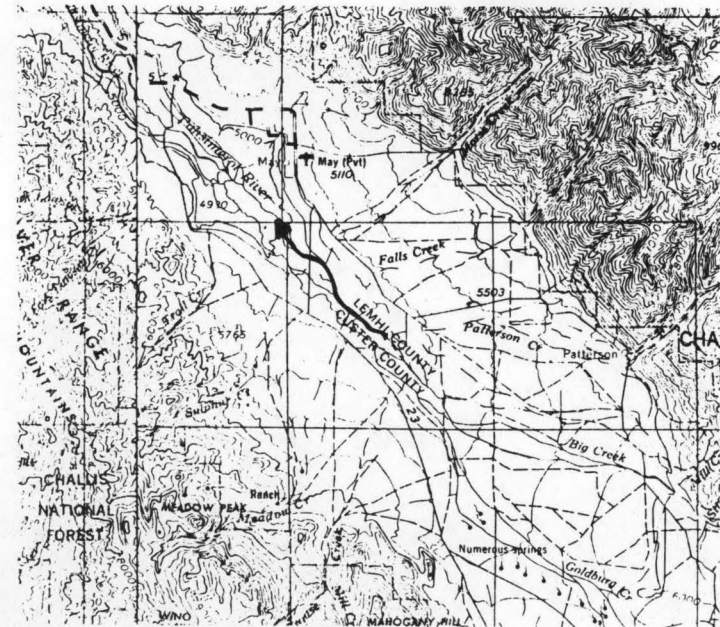
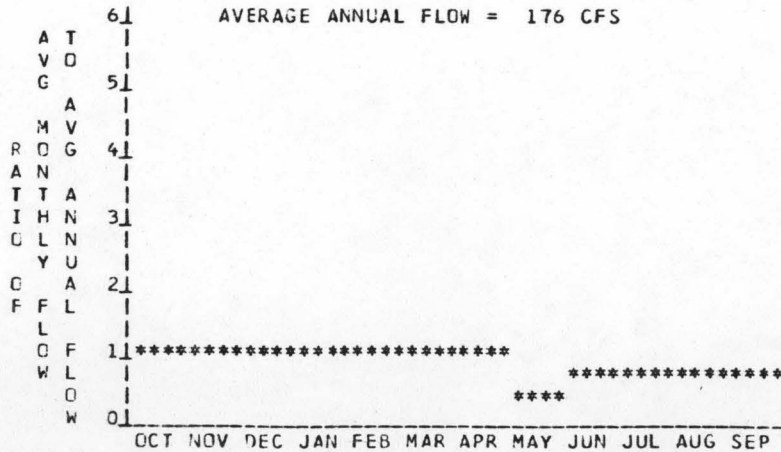
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5200 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4960 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 240 FT.
 D. AVERAGE SLOPE IN REACH 53.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 700 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	80	1.63	14.12	0.99
80	113	2.30	19.26	0.96
50	167	3.40	25.52	0.86
30	199	4.05	27.80	0.78
10	270	5.49	30.33	0.63

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J350024008006CR0006

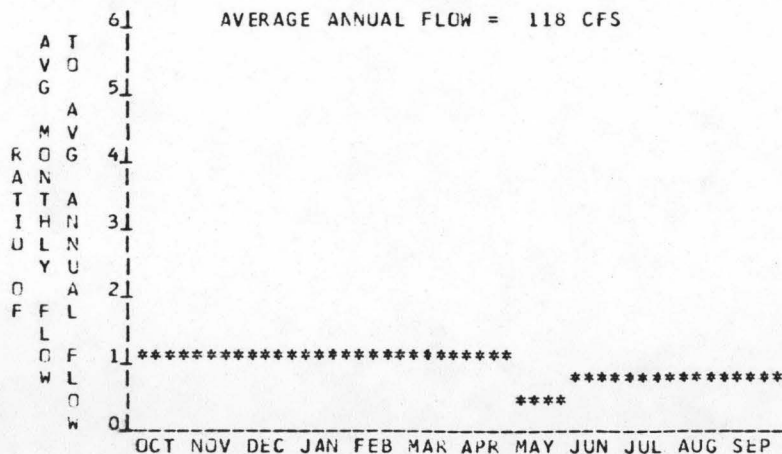
I LOCATION
 A. STATE IDAHO
 B. COUNTY LEMHI, CUSTER
 C. TOWNSHIP, RANGE T13N R22E
 D. LATITUDE, LONGITUDE 44 29 113 48
 E. STREAM NAME PAHSIMERGI RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 16.5 TO 26.0

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
 A. UPSTREAM ELEVATION OF REACH 5760 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 560 FT.
 D. AVERAGE SLOPE IN REACH 58.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 575 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

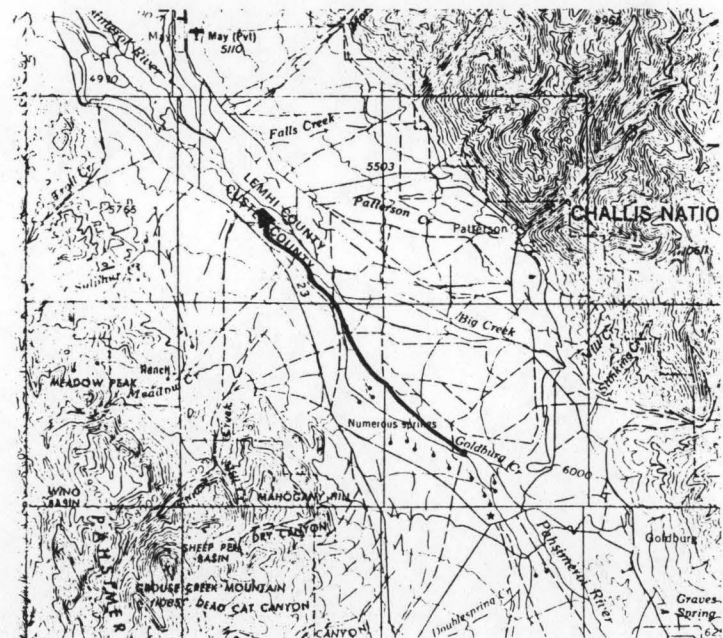
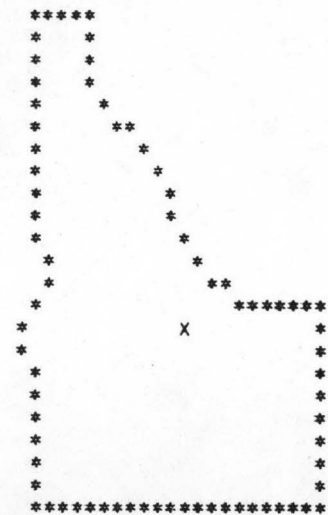
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	54	2.56	22.24	0.99
80	76	3.61	30.24	0.96
50	113	5.36	40.24	0.86
30	135	6.41	43.90	0.78
10	182	8.64	47.81	0.63

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
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REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080060R0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T13N R23E
D. LATITUDE, LONGITUDE	44 25 113 44
E. STREAM NAME	PAHSIMEROI RIVER
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	26.0 TO 32.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DUBOIS

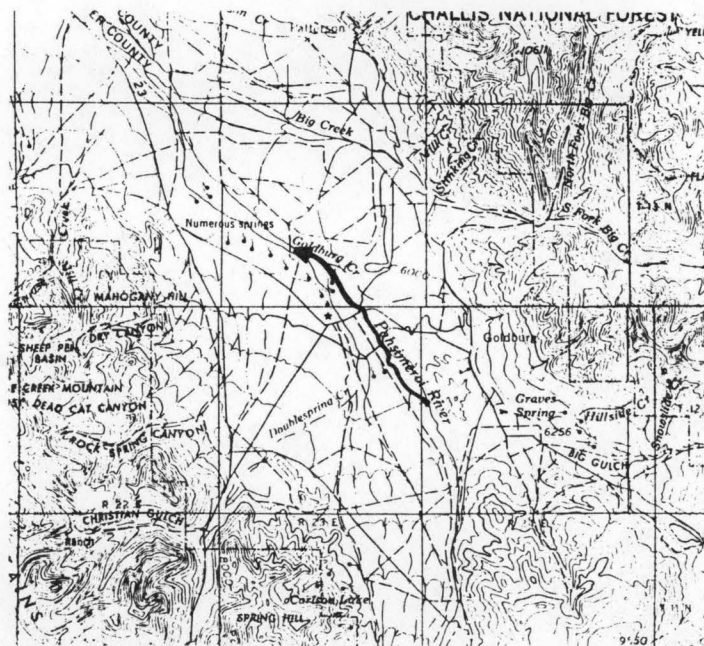
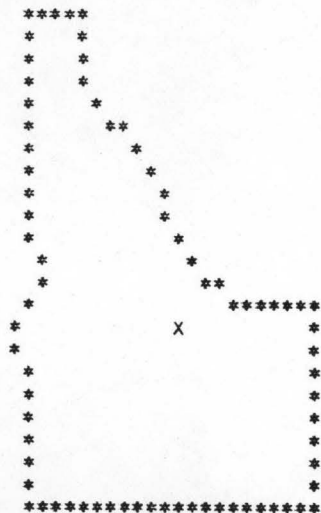
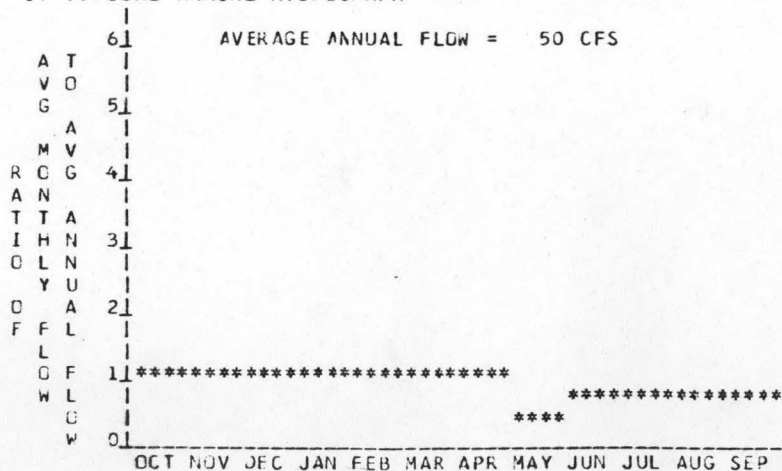
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6160 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5760 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	400 FT.
D. AVERAGE SLOPE IN REACH	66.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	251 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.91	7.88	0.99
80	32	1.26	10.60	0.96
50	48	1.90	14.20	0.86
30	57	2.25	15.45	0.78
10	78	3.08	16.90	0.63

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400800700058

I LOCATION

A. STATE	IDAHO
P. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T12N R20E
D. LATITUDE, LONGITUDE	44 22 114 5
E. STREAM NAME	WARM SPRINGS CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 2.9

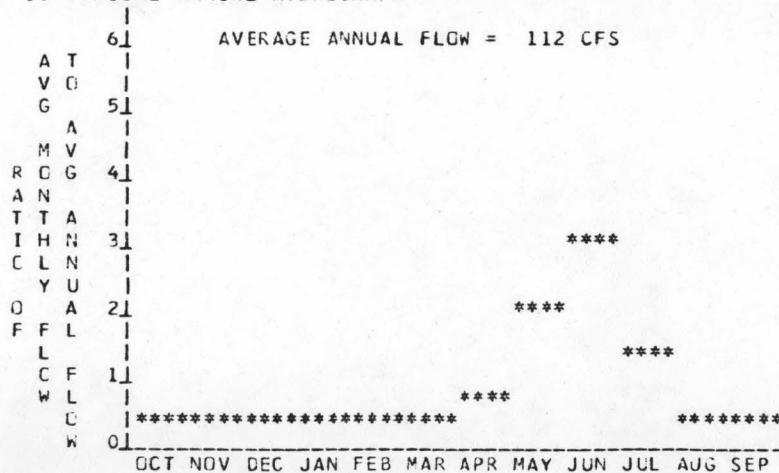
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5060 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5040 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	40 FT.
D. AVERAGE SLOPE IN REACH	13.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	196 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.22	1.90	1.00
80	30	0.28	2.36	0.97
50	43	0.39	3.00	0.88
30	70	0.63	3.86	0.69
10	274	2.47	7.07	0.33

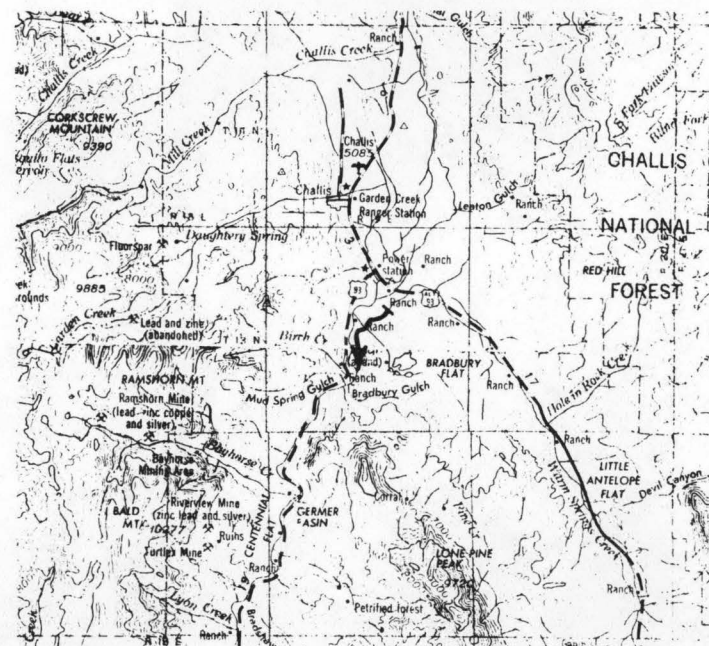
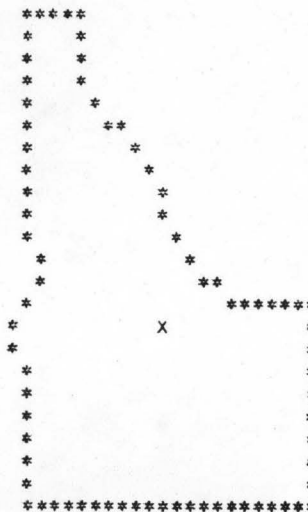
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE

MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400C080R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T11N R18E
D. LATITUDE, LONGITUDE	44 15 114 18
E. STREAM NAME	EAST FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 3.7

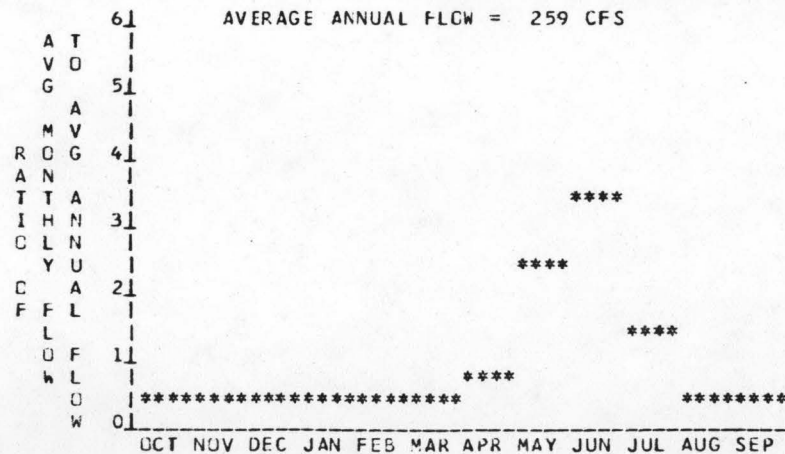
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5518 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5345 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	173 FT.
D. AVERAGE SLOPE IN REACH	46.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	545 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

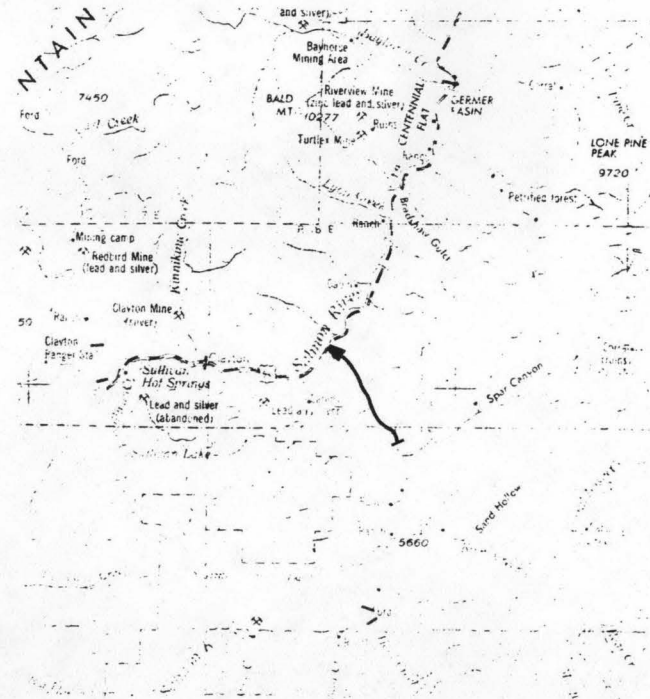
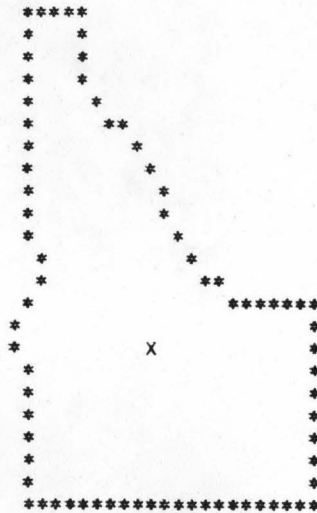
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	60	0.89	7.79	1.00
80	77	1.14	9.70	0.97
50	108	1.59	12.25	0.88
30	170	2.50	15.44	0.71
10	632	9.28	27.31	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080080004

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTEP
 C. TOWNSHIP, RANGE T10N R19E
 D. LATITUDE, LONGITUDE 44 11 114 12
 E. STREAM NAME EAST FORK SALMON RIVER
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 3.7 TO 9.0

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS

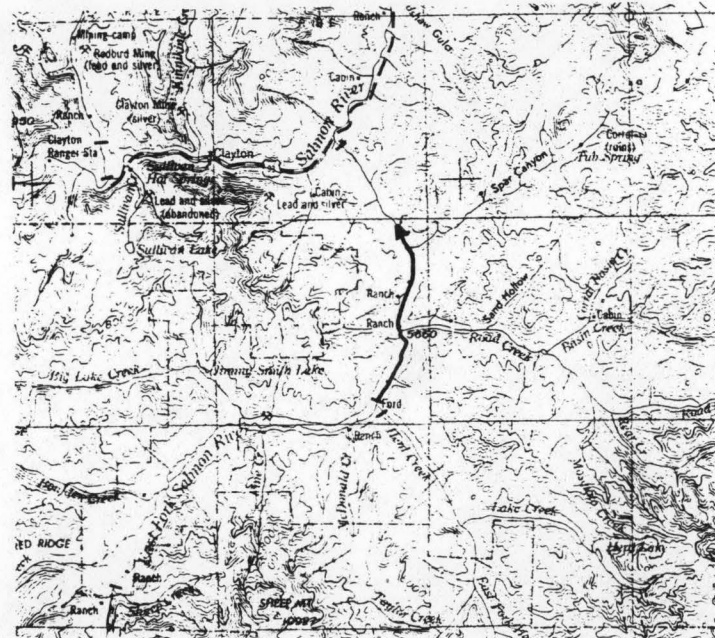
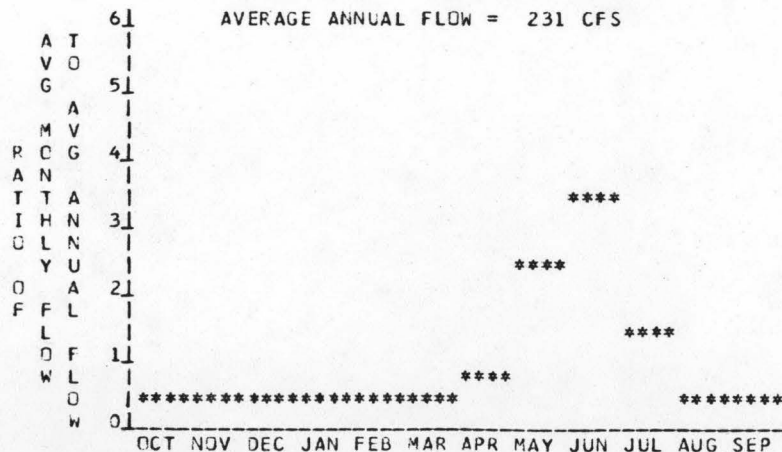
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5720 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5518 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 202 FT.
 D. AVERAGE SLOPE IN REACH 38.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 533 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	53	0.92	8.02	1.00
80	68	1.17	9.99	0.97
50	95	1.64	12.62	0.88
30	151	2.59	15.95	0.70
10	564	9.67	28.36	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024CC8C030R0006

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T09N R17E
D. LATITUDE, LONGITUDE	44 7 114 25
E. STREAM NAME	EAST FORK SALMON
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	9.0 TO 19.9

LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE
MAP NAME
CHALLIS

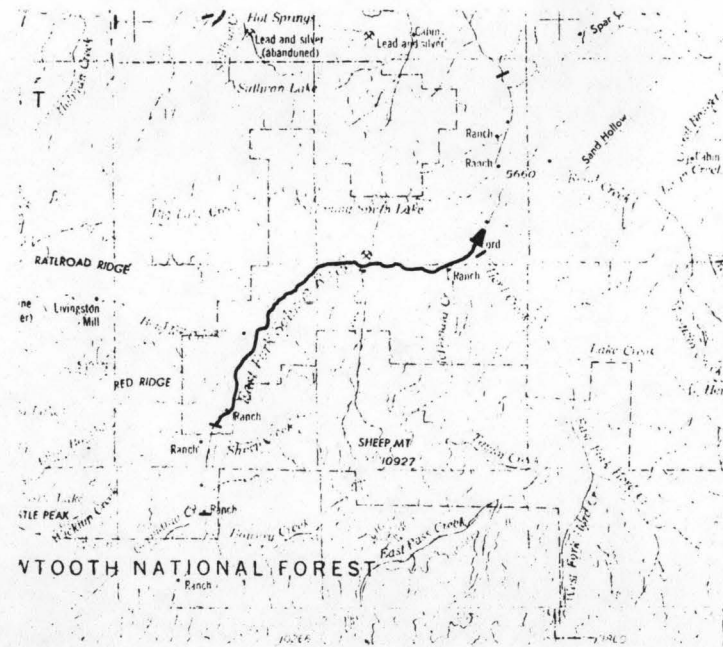
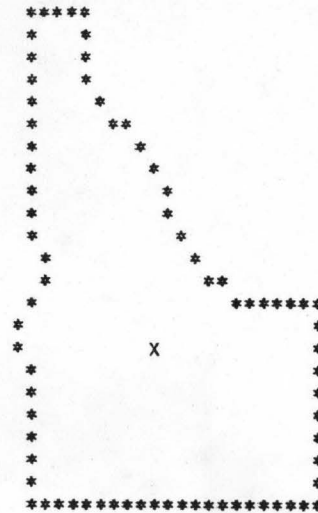
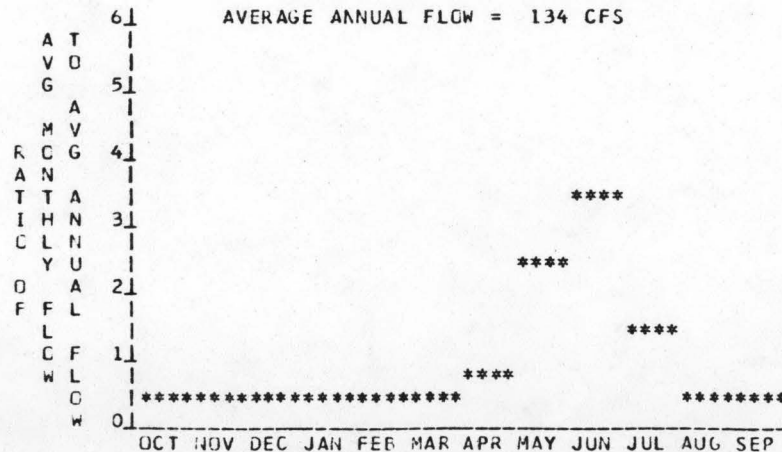
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6215 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5720 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	495 FT.
D. AVERAGE SLOPE IN REACH	45.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	280 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	1.24	10.85	1.00
80	37	1.58	13.49	0.97
50	52	2.22	17.11	0.88
30	85	3.58	21.88	0.70
10	329	13.81	39.79	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400800800008

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T08N R17E
 D. LATITUDE, LONGITUDE 44 3 114 25
 E. STREAM NAME EAST FORK SALMON
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 19.9 TO 22.8

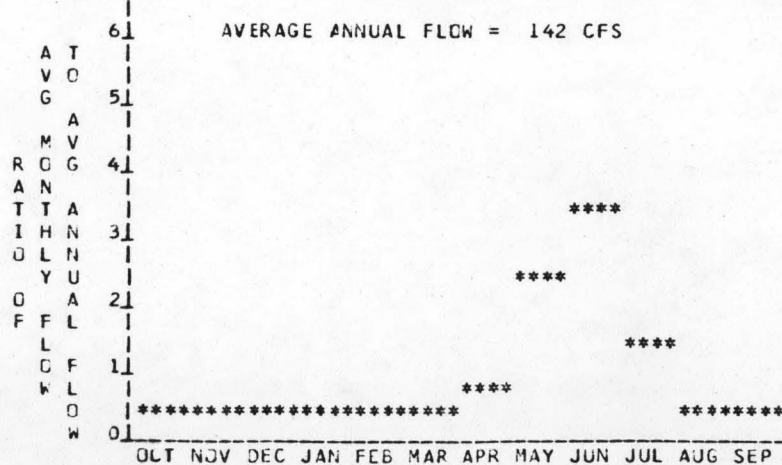
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6430 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6215 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 215 FT.
 D. AVERAGE SLOPE IN REACH 74.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 162 SQ.MI.
 F. INFLUX CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

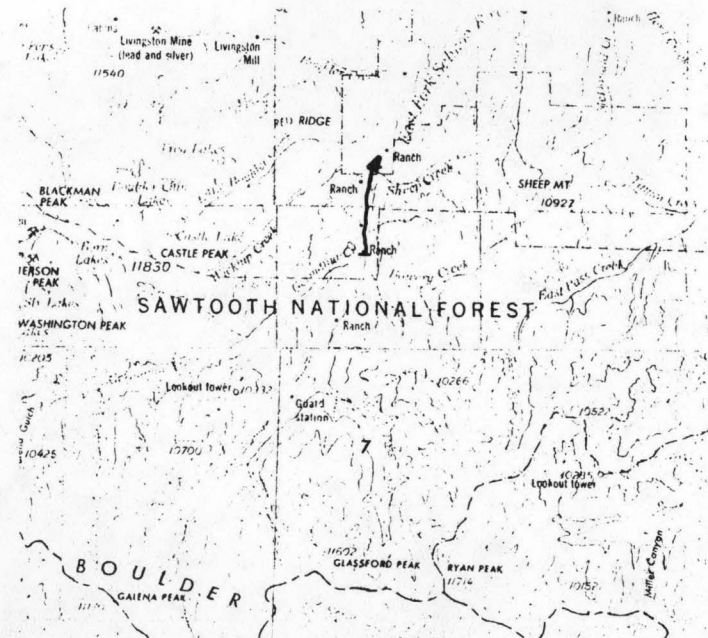
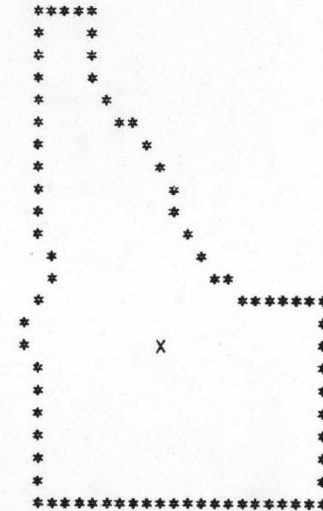
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	0.75	6.57	1.00
80	40	0.96	8.16	0.97
50	56	1.34	10.35	0.88
30	90	2.16	13.22	0.70
10	348	8.30	23.98	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008CC82R0064

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T12N R17E
D. LATITUDE, LONGITUDE	44 18 114 28
E. STREAM NAME	SQUAW CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 1.5

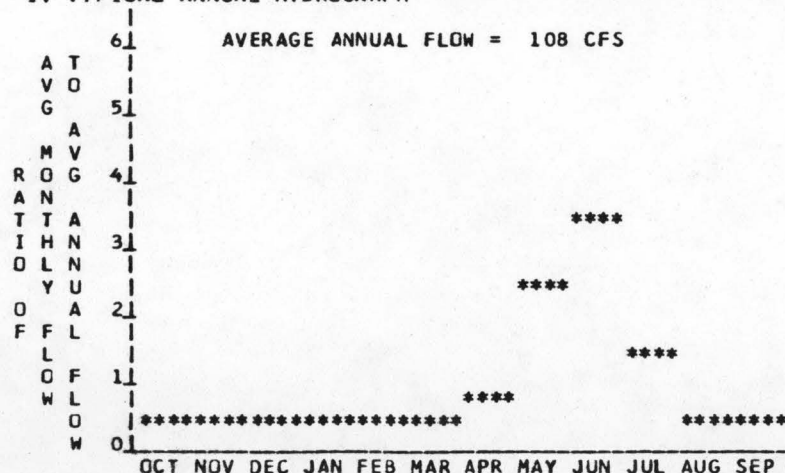
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5600 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5550 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	50 FT.
D. AVERAGE SLOPE IN REACH	33.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	79 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

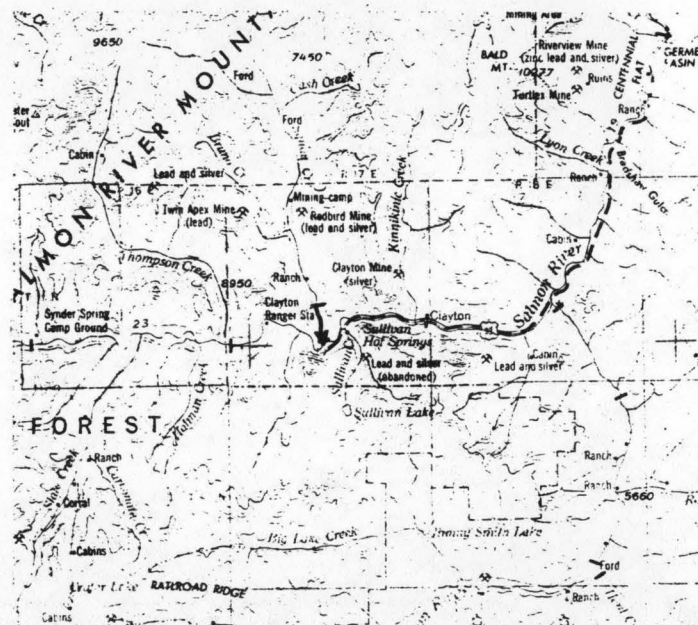
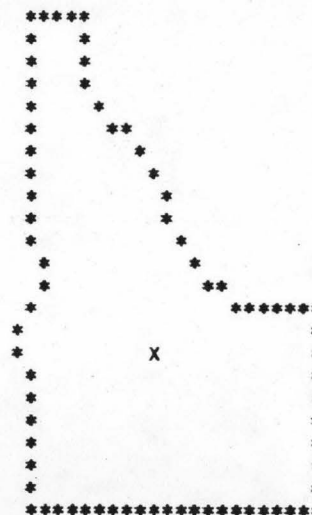
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	23	0.23	2.00	1.00
80	29	0.29	2.48	0.97
50	41	0.41	3.15	0.88
30	67	0.67	4.05	0.69
10	264	2.60	7.43	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C08CC84R0C72

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	TION R15E
D. LATITUDE, LONGITUDE	44 12 114 40
E. STREAM NAME	WARM SPRINGS CREEK
F. MAJOR BASIN NAME	SALMON RIVER
G. RIVER MILE	0.0 TO 4.1

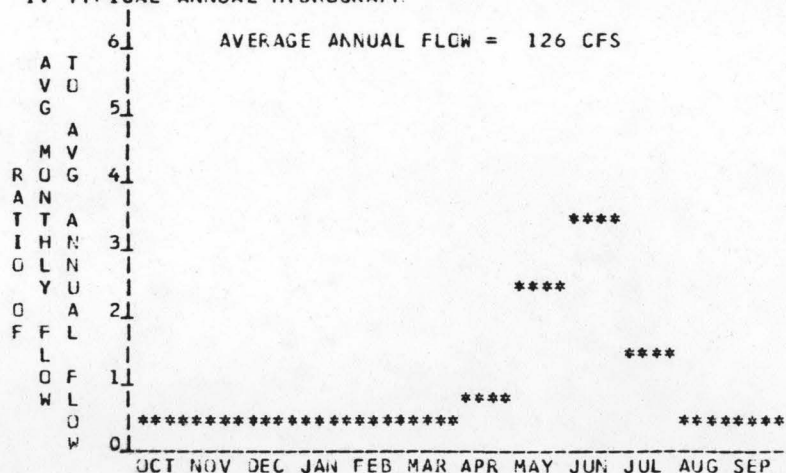
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6340 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5870 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	470 FT.
D. AVERAGE SLOPE IN REACH	114.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	79 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

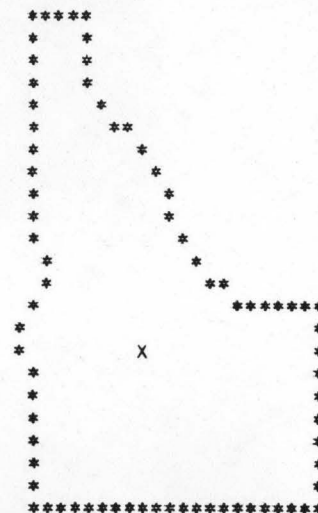
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	27	1.26	10.97	1.00
80	35	1.60	13.63	C.97
50	49	2.25	17.31	C.88
30	79	3.63	22.17	C.70
10	309	14.05	40.41	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024008C085R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T12N R15E
 D. LATITUDE, LONGITUDE 44 20 114 43
 E. STREAM NAME YANKEE FORK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 8.5

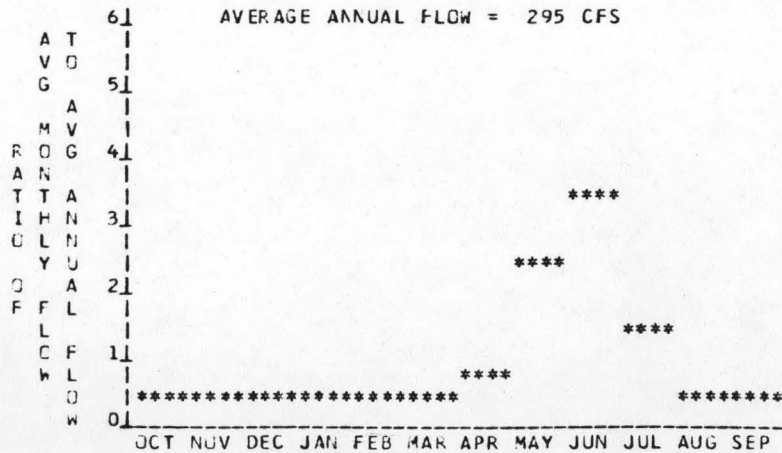
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6420 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5920 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 500 FT.
 D. AVERAGE SLOPE IN REACH 58.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 190 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	70	2.97	25.96	1.00
80	89	3.80	32.34	0.97
50	124	5.29	40.81	0.88
30	195	8.28	51.30	0.71
10	720	30.54	90.29	0.34

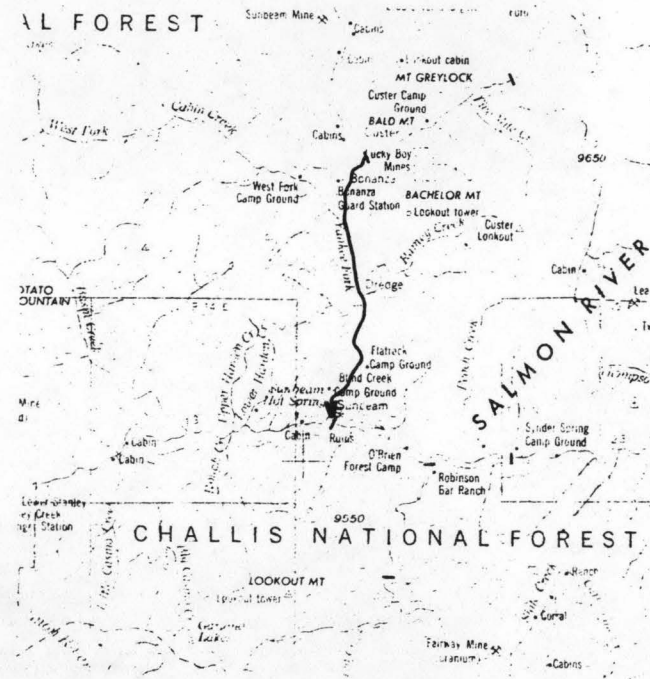
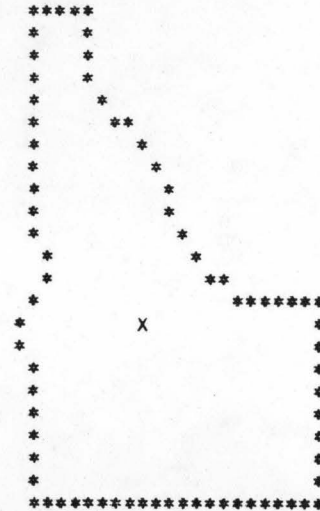
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. GEOLOGICAL SURVEY SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400SC085R0CC4

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T13N R16E
 D. LATITUDE, LONGITUDE 44 24 114 +C
 E. STREAM NAME YANKEE CRK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 8.5 TO 13.3

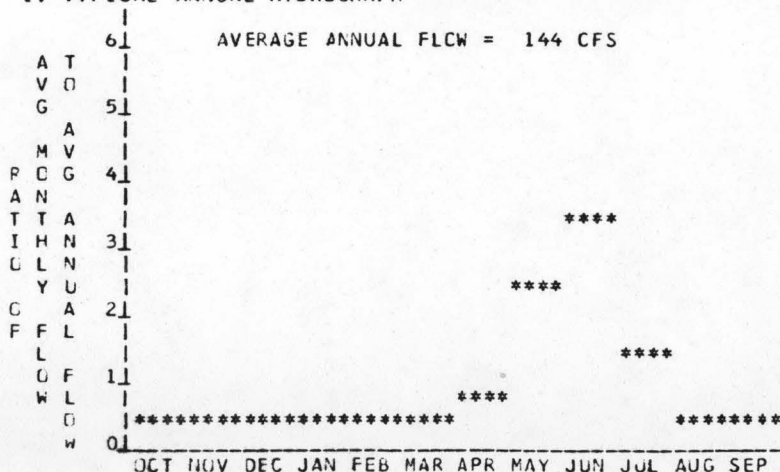
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6420 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 330 FT.
 D. AVERAGE SLOPE IN REACH 79.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 85 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

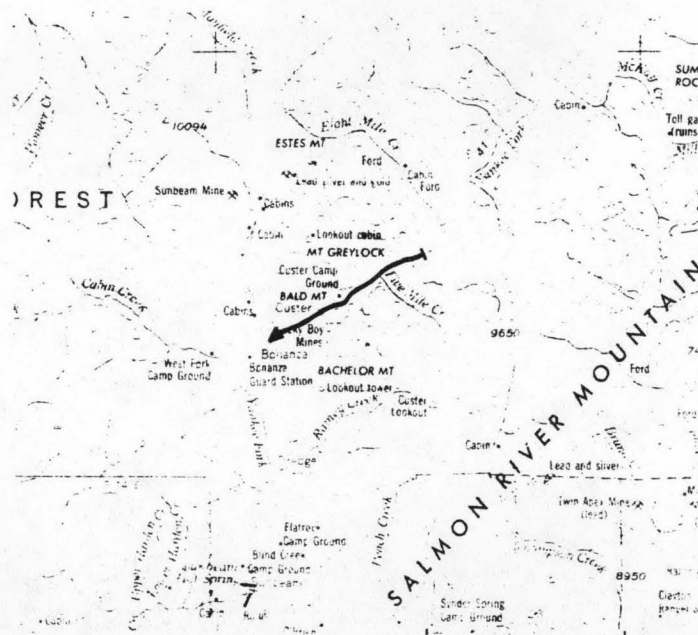
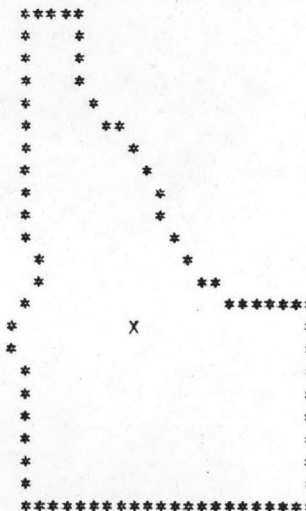
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	1.21	10.55	1.00
80	40	1.54	13.11	0.97
50	57	2.16	16.63	0.88
30	91	3.47	21.24	0.70
10	352	13.33	38.50	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES 1:250000 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240080088R0080

I LOCATION
 A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T11N R12E
 D. LATITUDE, LONGITUDE 44 15 115 0
 E. STREAM NAME VALLEY CREEK
 F. MAJOR BASIN NAME SALMON RIVER
 G. RIVER MILE 0.0 TO 7.1

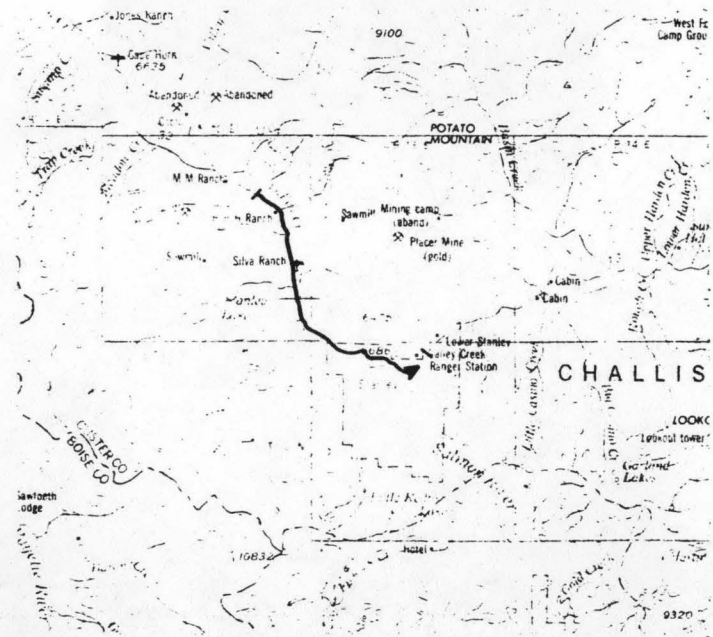
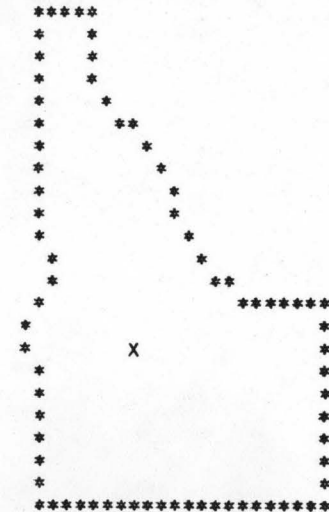
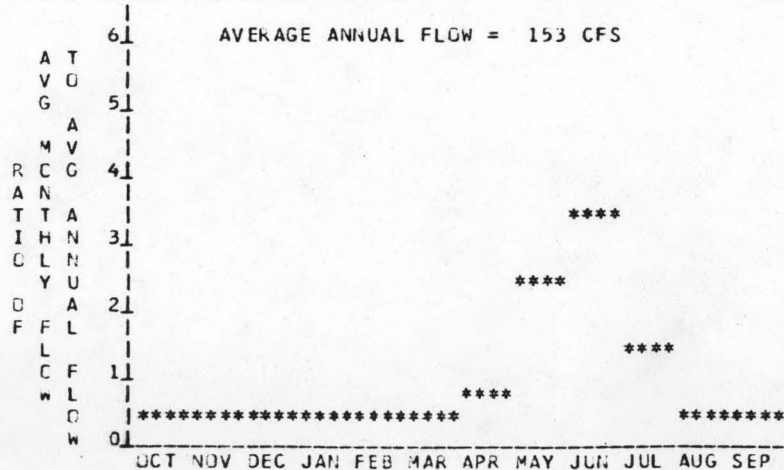
LOCATION MAPS
 U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 CHALLIS

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
 A. UPSTREAM ELEVATION OF REACH 6420 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6280 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 140 FT.
 D. AVERAGE SLOPE IN REACH 19.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 135 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	0.60	5.22	1.00
80	43	0.76	6.49	0.97
50	61	1.07	8.23	0.88
30	98	1.71	10.50	0.70
10	375	6.56	18.98	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240105000R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADAMS
C. TOWNSHIP, RANGE	T18N R03W
D. LATITUDE, LONGITUDE	44 54 116 43
E. STREAM NAME	WILDHORSE RIVER
F. MAJOR BASIN NAME	WILDHORSE RIVER
G. RIVER MILE	0.0 TO 13.2

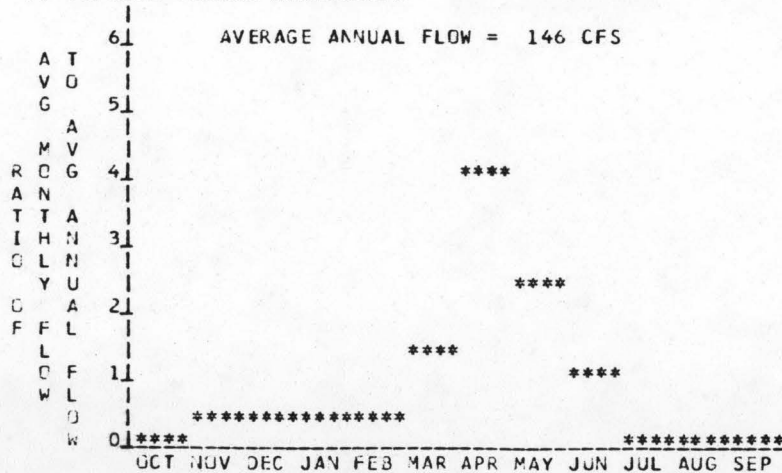
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3360 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	1820 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1540 FT.
D. AVERAGE SLOPE IN REACH	116.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	173 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

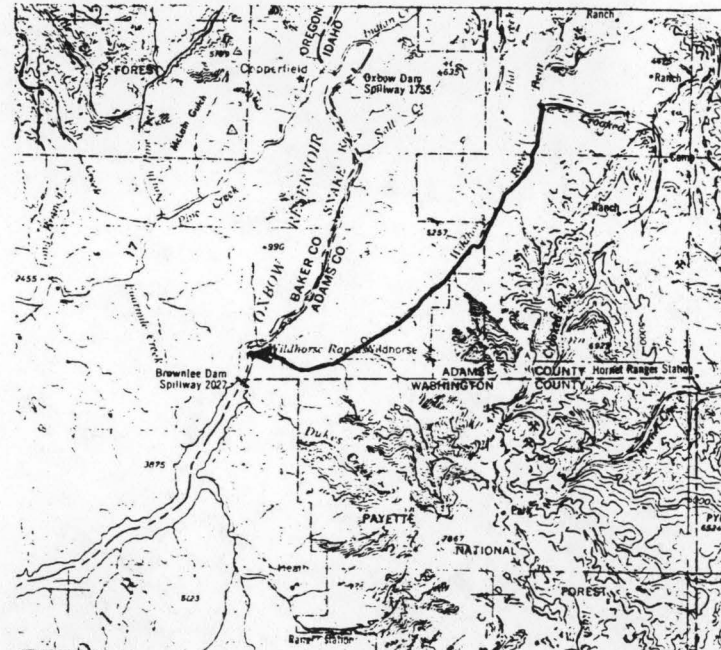
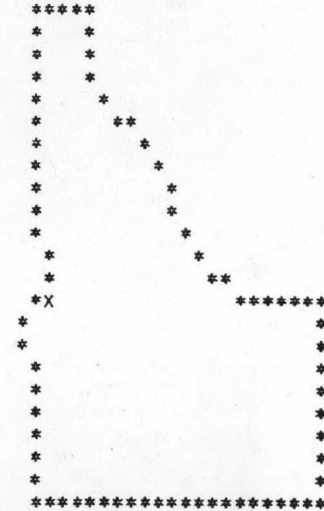
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWHR	PLANT FACTOR
95	13	1.77	15.44	1.00
80	21	2.86	23.79	0.95
50	52	7.08	47.81	0.77
30	135	18.37	87.39	0.54
10	420	57.16	155.35	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035024014000000001

I LOCATION

A. STATE	IDAHO
B. COUNTY	WASHINGTON
C. TOWNSHIP, RANGE	T10N R 5W
D. LATITUDE, LONGITUDE	44 14 116 55
E. STREAM NAME	WEISER RIVER
F. MAJOR BASIN NAME	WEISER RIVER
G. RIVER MILE	0.0 TO 7.0

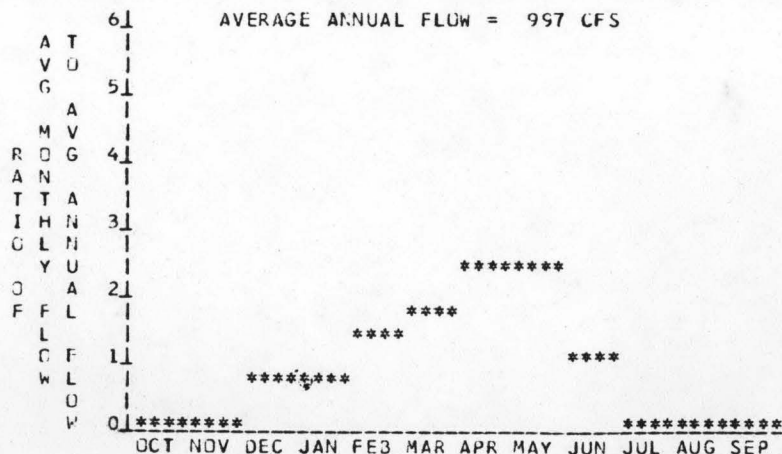
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2135 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2095 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	40 FT.
D. AVERAGE SLOPE IN REACH	5.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1619 SQ. MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

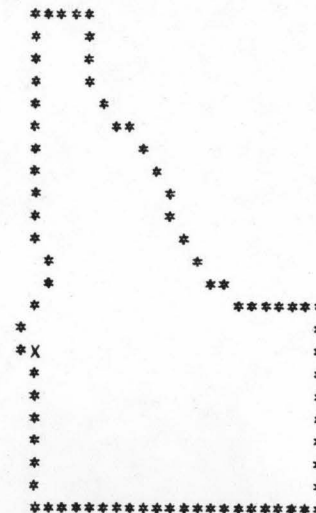
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	45	0.15	1.30	0.98
80	102	0.35	2.78	0.92
50	464	1.57	9.77	0.71
30	1403	4.76	20.93	0.50
10	2541	8.61	27.68	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240140000R0003

I LOCATION

A. STATE	IDAHO
B. COUNTY	WASHINGTON
C. TOWNSHIP, RANGE	TION R 4W
D. LATITUDE, LONGITUDE	44 14 116 50
E. STREAM NAME	WEISER RIVER
F. MAJOR BASIN NAME	WEISER RIVER
G. RIVER MILE	7.0 TO 16.1

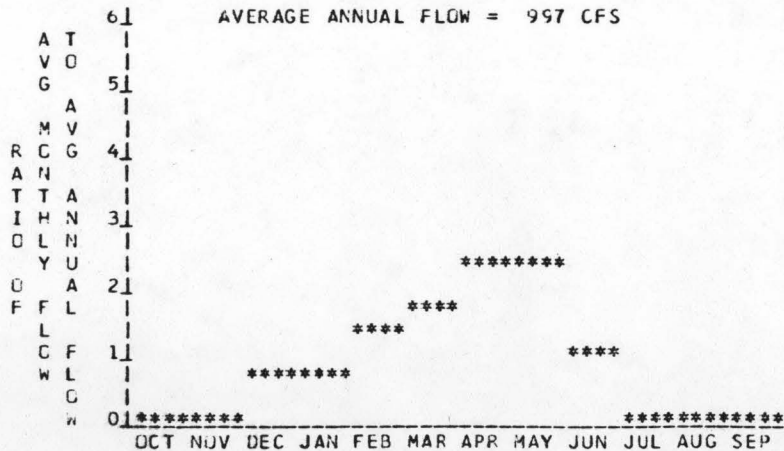
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2220 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2135 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	85 FT.
D. AVERAGE SLOPE IN REACH	9.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1516 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

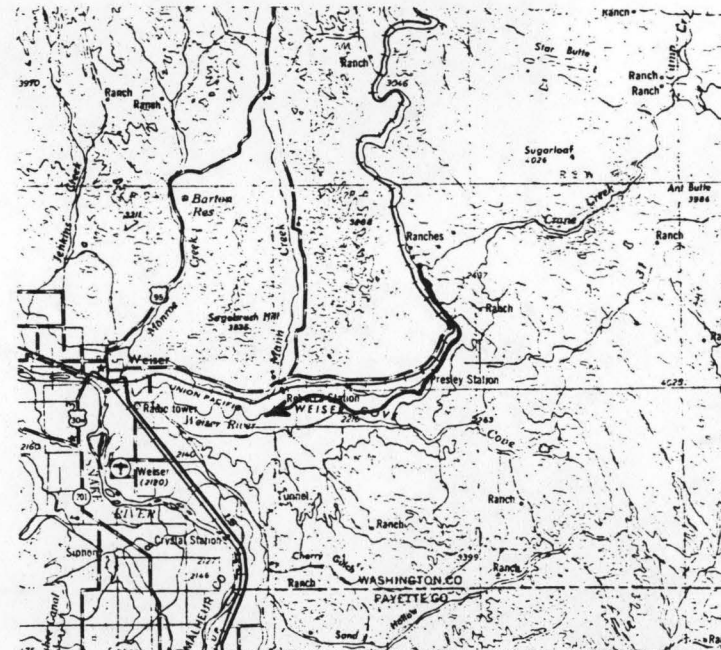
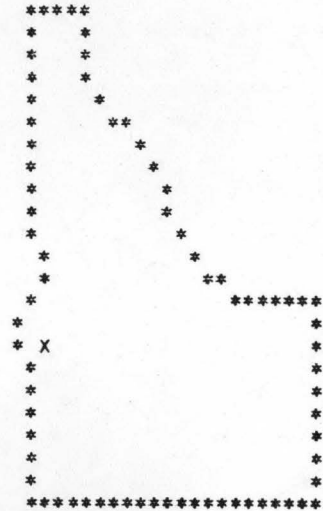
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	45	0.32	2.77	0.98
80	102	0.73	5.92	0.92
50	464	3.34	20.77	0.71
30	1403	10.11	44.47	0.50
10	2541	18.30	58.83	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140000R0005

I LOCATION

A. STATE IDAHO
 B. COUNTY WASHINGTON
 C. TOWNSHIP, RANGE T12N R. 4W
 D. LATITUDE, LONGITUDE 44 25 116 45
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 16.1 TO 33.5

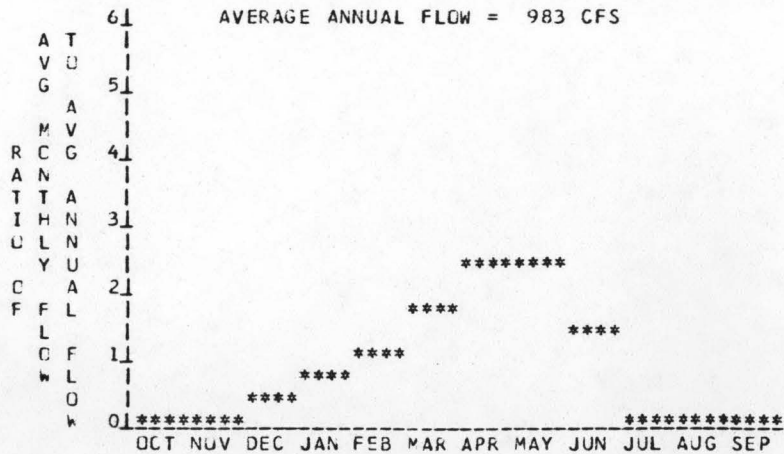
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2520 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2220 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 300 FT.
 D. AVERAGE SLOPE IN REACH 17.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1165 SQ.MI.
 F. INFLW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

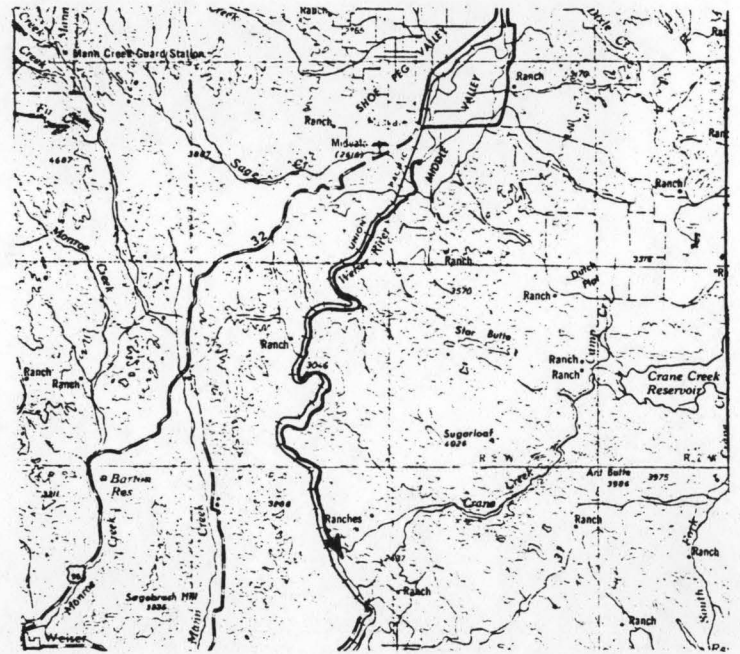
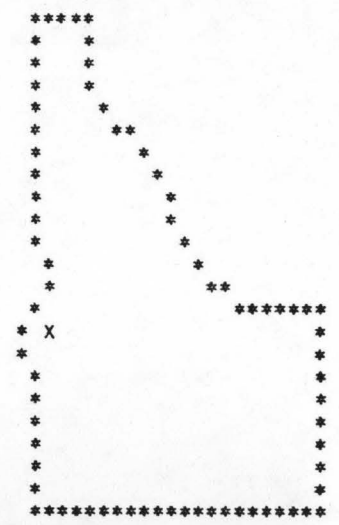
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	72	1.83	15.80	0.99
80	132	3.36	27.49	0.94
50	450	11.44	73.53	0.73
30	1366	34.73	155.13	0.51
10	2555	64.96	208.09	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES 1:250000 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

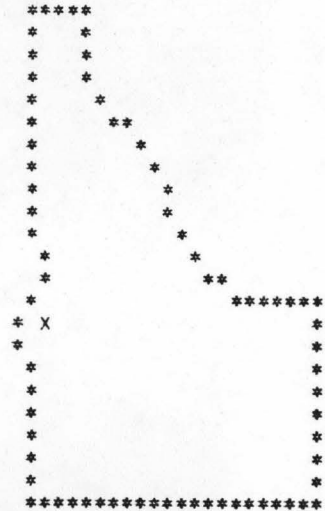
REACH NUMBER 035C02401400CCR0007

I LOCATION

A. STATE IDAHO
 B. COUNTY WASHINGTON
 C. TOWNSHIP, RANGE T14N R 3W
 D. LATITUDE, LONGITUDE 44 30 116 43
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 33.5 TO 43.8

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



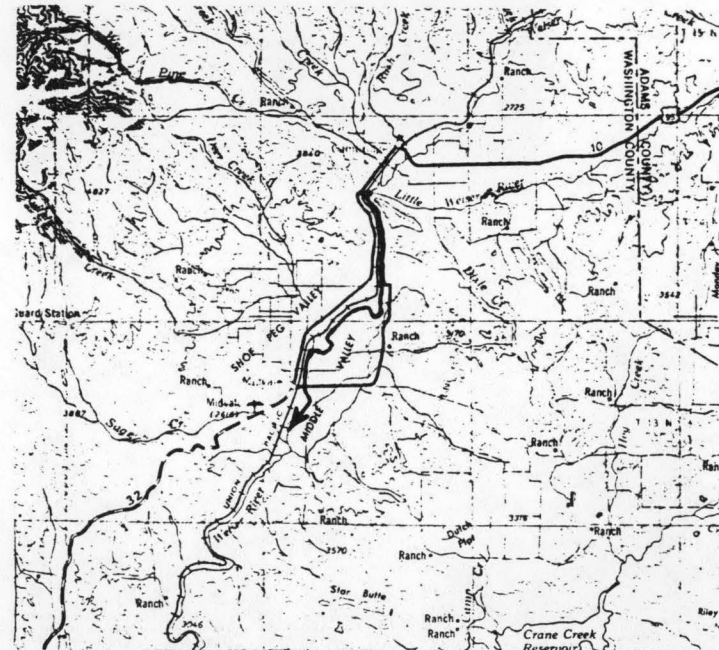
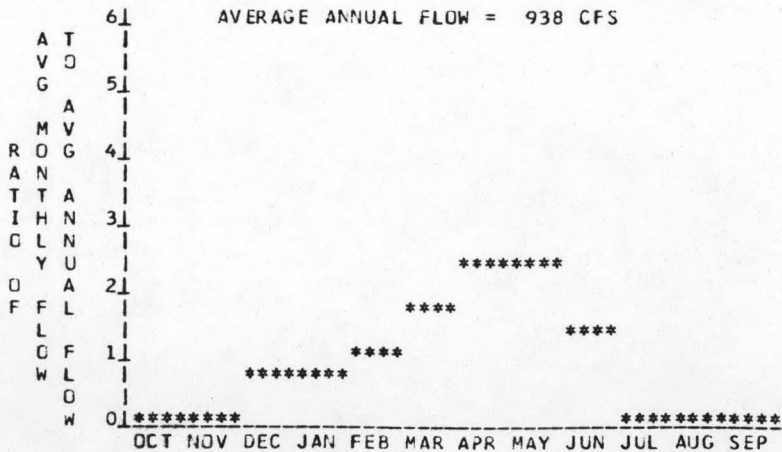
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2610 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2520 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 90 FT.
 D. AVERAGE SLOPE IN REACH 8.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1060 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	64	0.49	4.21	0.98
80	124	0.95	7.72	0.93
50	422	3.22	20.66	0.73
30	1310	9.99	44.39	0.51
10	2436	18.58	59.44	0.37

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024014000CR0009

I LOCATION

A. STATE IDAHO
 B. COUNTY WASHINGTON
 C. TOWNSHIP, RANGE T15N R 3W
 D. LATITUDE, LONGITUDE 44 34 116 40
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 43.8 TO 47.0

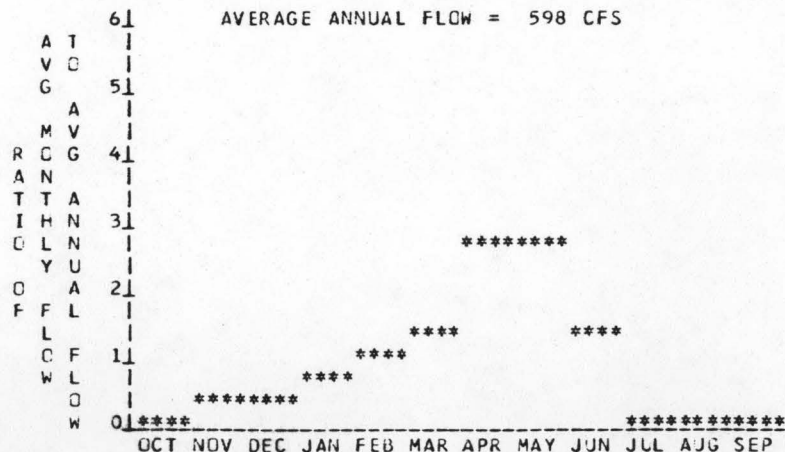
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2655 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2610 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 45 FT.
 D. AVERAGE SLOPE IN REACH 14.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 652 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

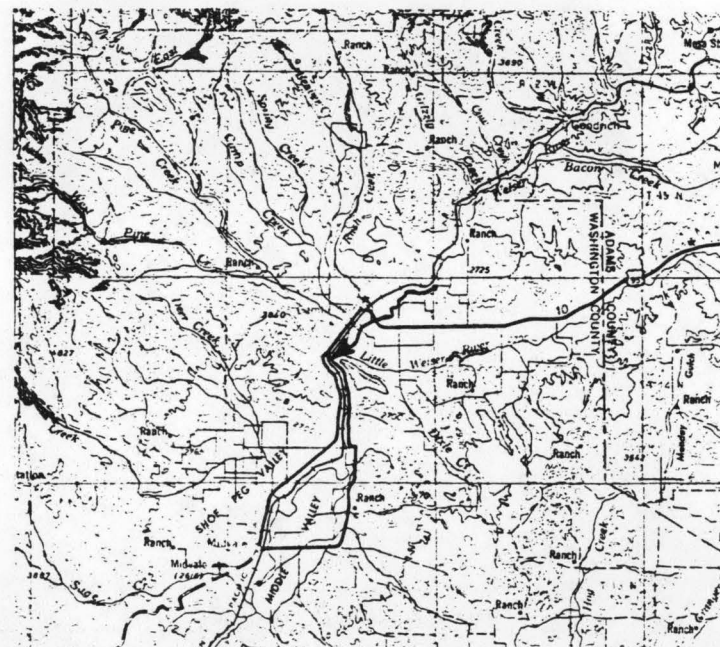
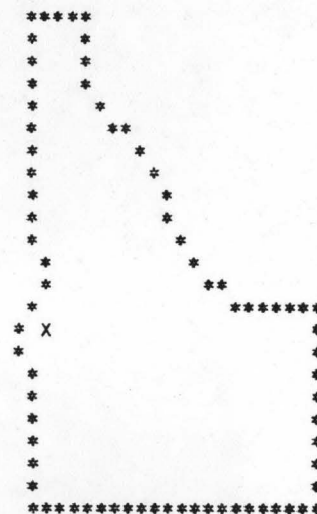
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	45	0.17	1.48	0.99
80	78	0.30	2.45	0.94
50	250	0.95	6.18	0.74
30	800	3.05	13.53	0.51
10	1600	6.10	18.88	0.35

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140000R0011

I LOCATION

A. STATE IDAHO
 B. COUNTY ADAMS, WASHINGTON
 C. TOWNSHIP, RANGE T15N R 2W
 D. LATITUDE, LONGITUDE 44 39 116 34
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 47.0 TO 61.4

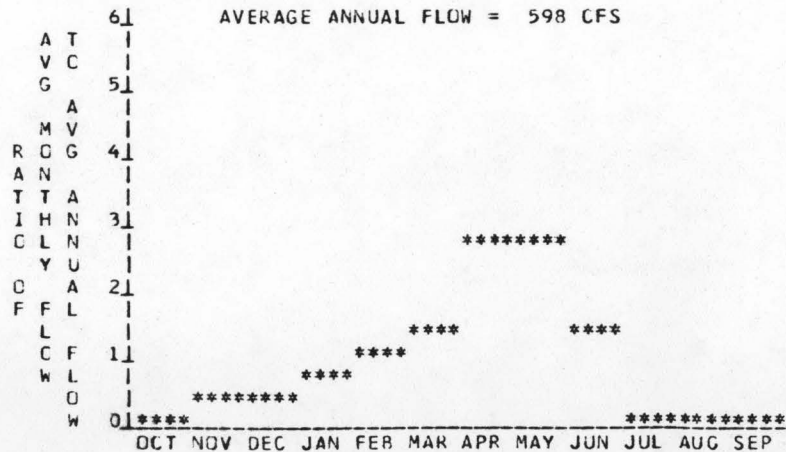
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2835 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2655 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 180 FT.
 D. AVERAGE SLOPE IN REACH 12.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 599 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

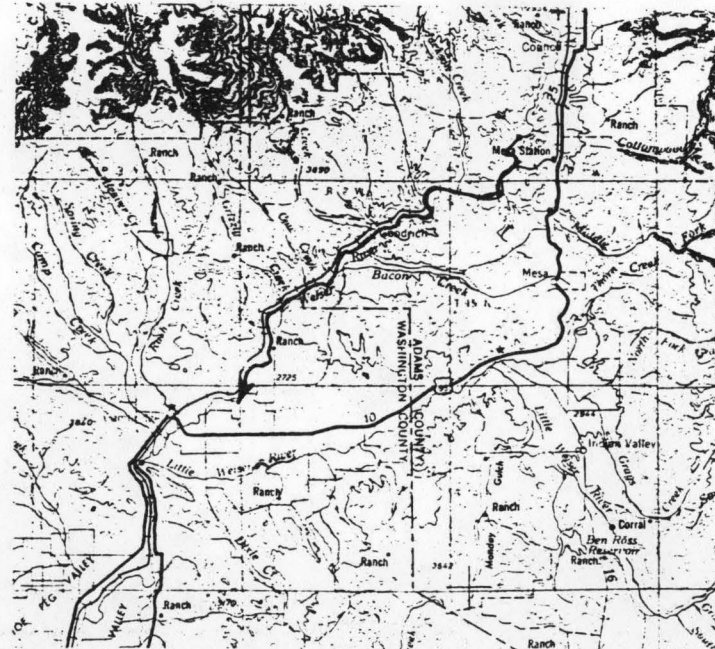
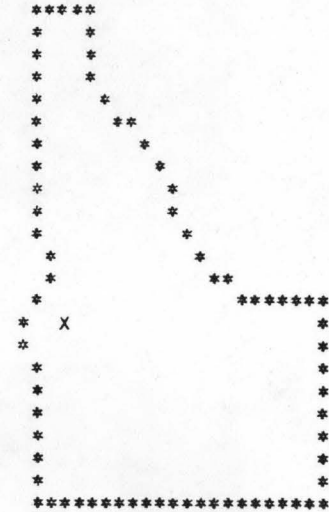
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	0.52	4.49	0.99
80	62	0.95	7.77	0.94
50	220	3.36	21.49	0.73
30	600	9.15	41.80	0.52
10	1700	25.93	71.20	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140000R0013

I LOCATION

A. STATE IDAHO
 B. COUNTY ADAMS
 C. TOWNSHIP, RANGE T16N R 1W
 D. LATITUDE, LONGITUDE 44 42 116 26
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 61.4 TO 65.0

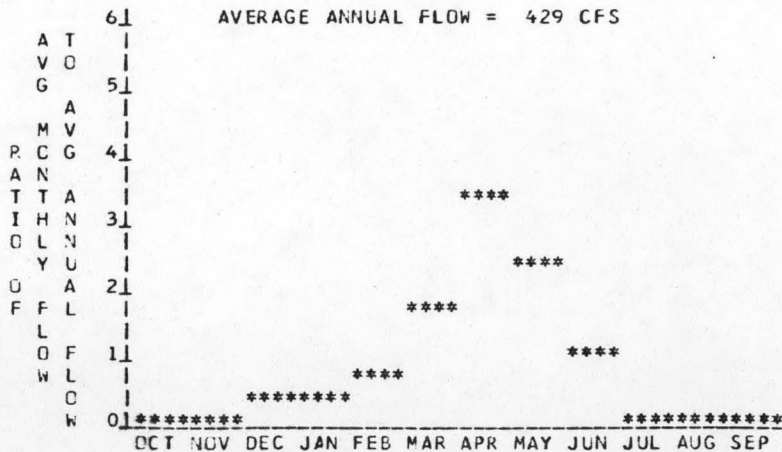
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2895 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2635 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 60 FT.
 D. AVERAGE SLOPE IN REACH 16.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 395 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

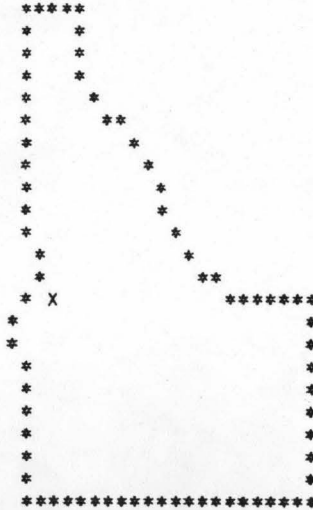
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	0.14	1.23	0.99
80	46	0.23	1.94	0.94
50	160	0.81	5.24	0.73
30	440	2.24	10.22	0.52
10	1200	6.10	17.00	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140000R0C15

I LOCATION

A. STATE IDAHO
 B. COUNTY ADAMS
 C. TOWNSHIP, RANGE T17N R 1W
 D. LATITUDE, LONGITUDE 44 46 116 27
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 65.0 TO 71.5

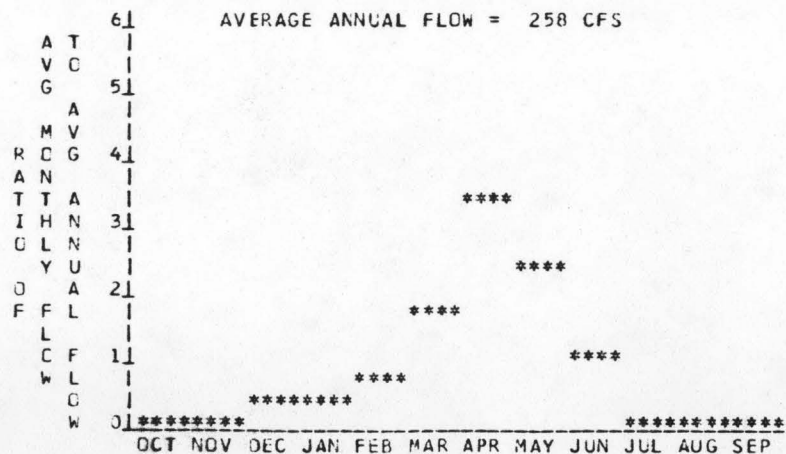
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3020 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2895 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 125 FT.
 D. AVERAGE SLOPE IN REACH 19.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 243 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

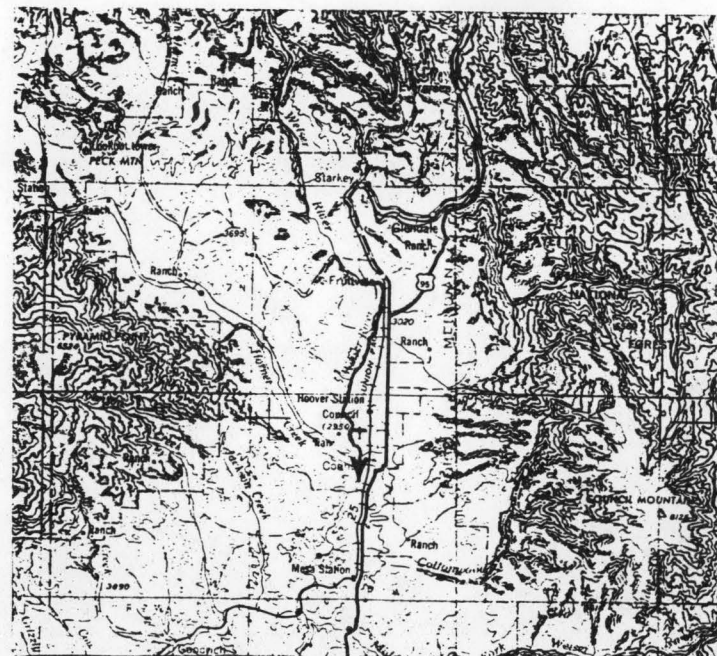
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.25	2.20	0.99
80	35	0.37	3.09	0.95
50	91	0.96	6.47	0.77
30	235	2.49	11.82	0.54
10	710	7.52	20.63	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350J240140CCORCC17

I LOCATION

A. STATE IDAHO
 B. COUNTY ADAMS
 C. TOWNSHIP, RANGE T18N R 1W
 D. LATITUDE, LONGITUDE 44 51 116 27
 E. STREAM NAME WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 71.5 TO 75.2

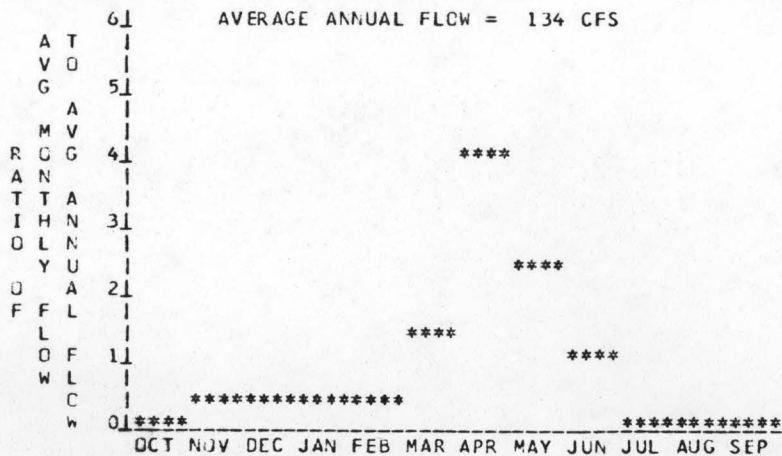
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3155 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3020 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 135 FT.
 D. AVERAGE SLOPE IN REACH 36.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 119 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

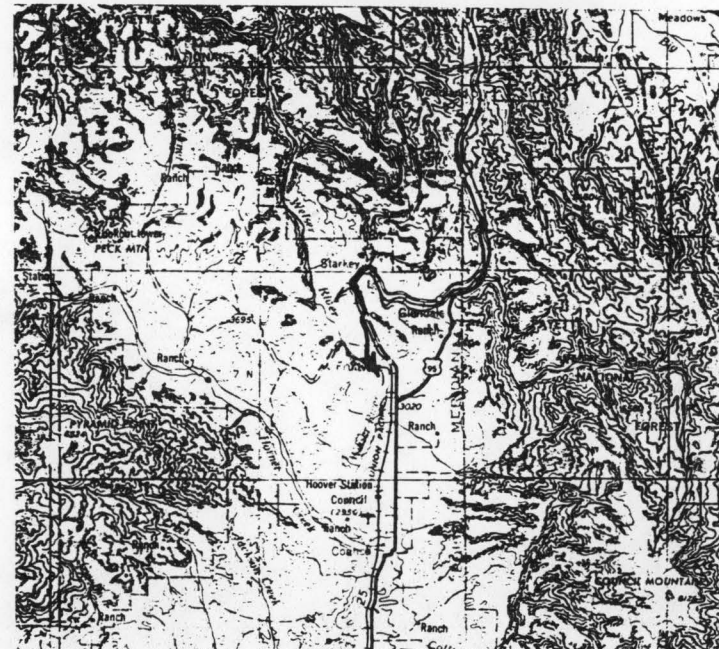
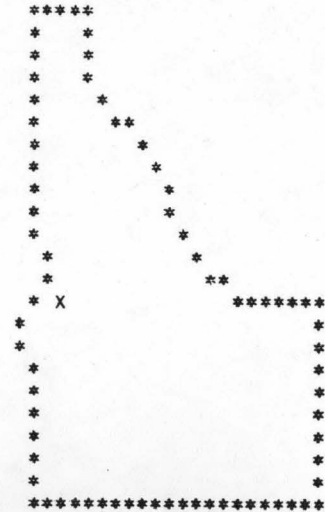
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.15	1.29	1.00
80	19	0.22	1.84	0.96
50	47	0.54	3.68	0.77
30	119	1.36	6.55	0.55
10	396	4.53	12.11	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140000R0019

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADAMS
C. TOWNSHIP, RANGE	T17N R 1W
D. LATITUDE, LONGITUDE	44 50 116 25
E. STREAM NAME	WEISER RIVER
F. MAJOR BASIN NAME	WEISER RIVER
G. RIVER MILE	75.2 TO 79.7

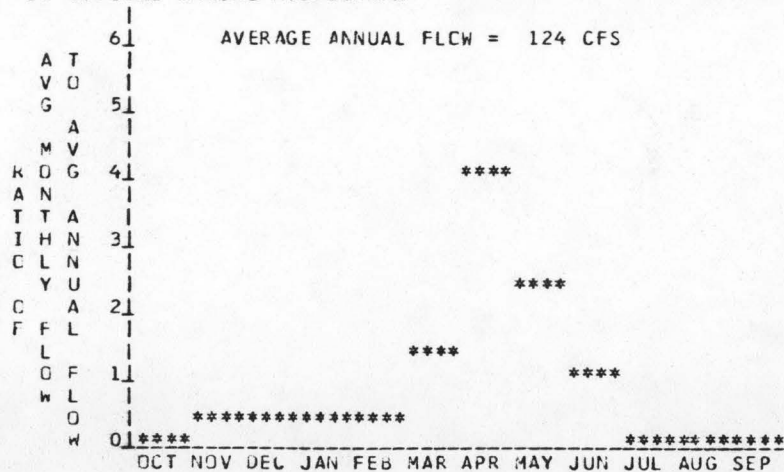
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3490 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3155 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	335 FT.
D. AVERAGE SLOPE IN REACH	74.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	105 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

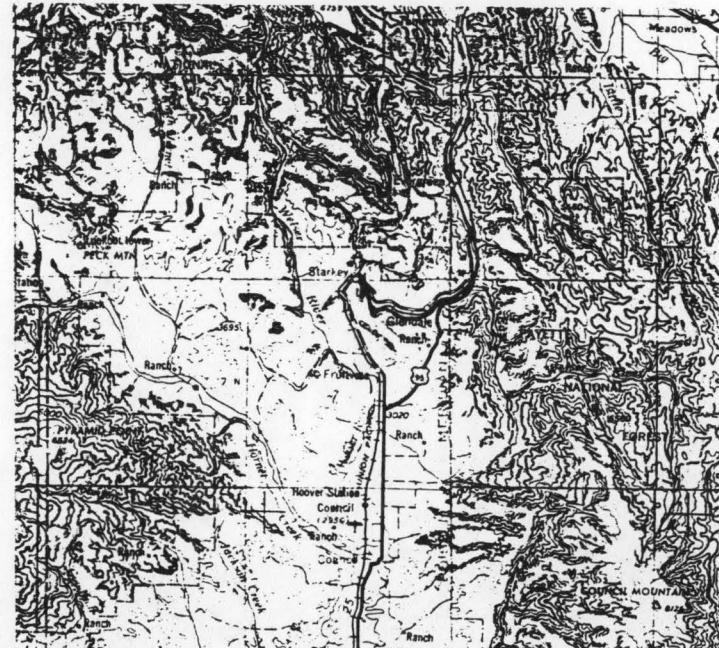
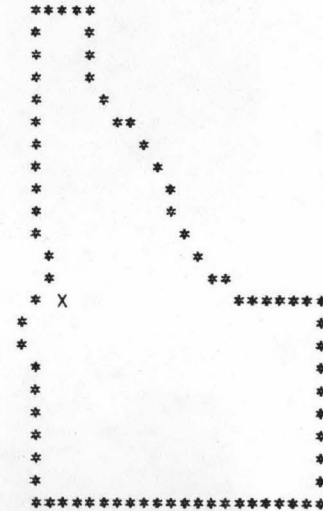
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	11	0.41	3.56	1.00
80	17	0.60	5.04	0.96
50	43	1.49	10.10	0.77
30	109	3.72	17.91	0.55
10	367	12.50	33.30	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:25000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240140060R0001

I LOCATION

A. STATE IDAHO
 B. COUNTY WASHINGTON, ADAMS
 C. TOWNSHIP, RANGE T14N R 2W
 D. LATITUDE, LONGITUDE 44 33 116 36
 E. STREAM NAME LITTLE WEISER RIVER
 F. MAJOR BASIN NAME WEISER RIVER
 G. RIVER MILE 0.0 TO 24.1

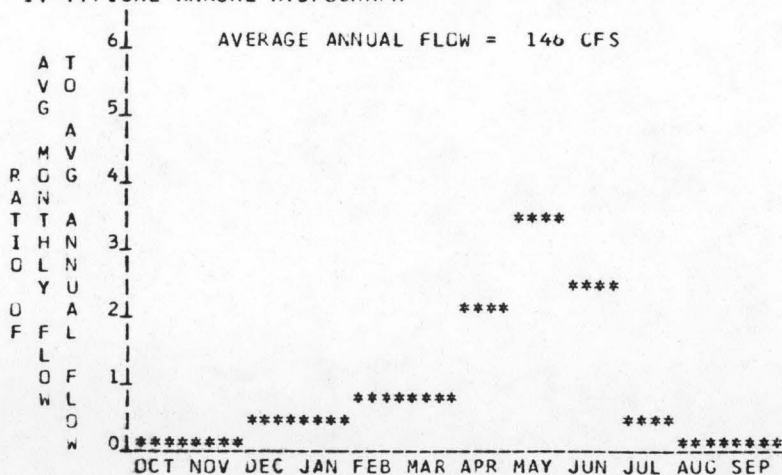
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3080 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2600 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 480 FT.
 D. AVERAGE SLOPE IN REACH 19.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 214 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

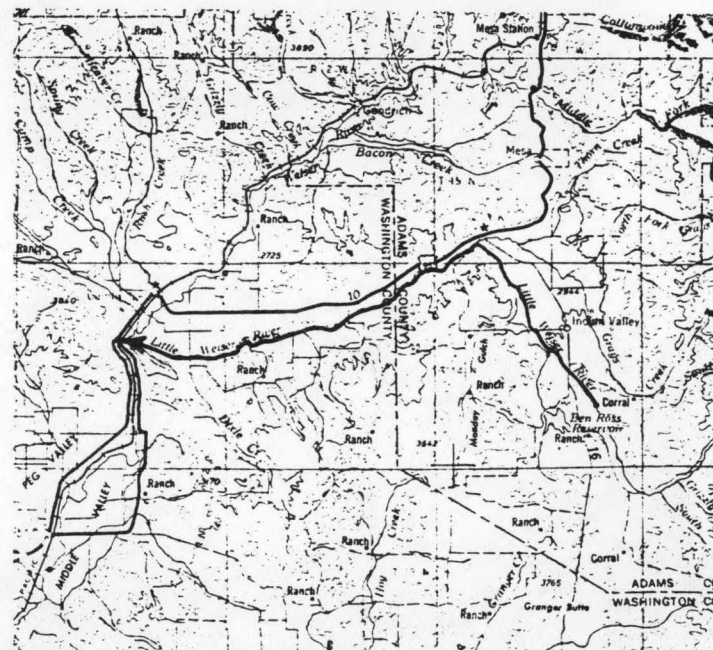
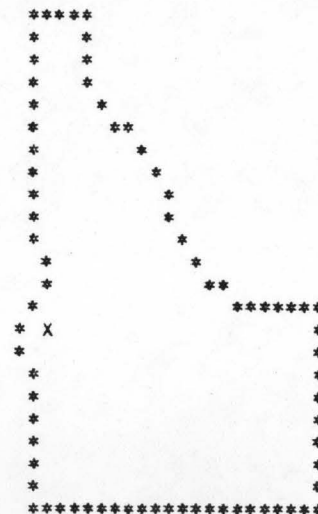
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.66	5.72	1.00
80	20	0.97	8.12	C.96
50	51	2.39	16.23	C.77
30	131	6.07	29.12	C.55
10	430	19.93	53.40	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240140100R0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADAMS
C. TOWNSHIP, RANGE	T15N R 1W
D. LATITUDE, LONGITUDE	44 39 116 26
E. STREAM NAME	MID FK WEISER RIVER
F. MAJOR BASIN NAME	WEISER RIVER
G. RIVER MILE	0.0 TO 1.1

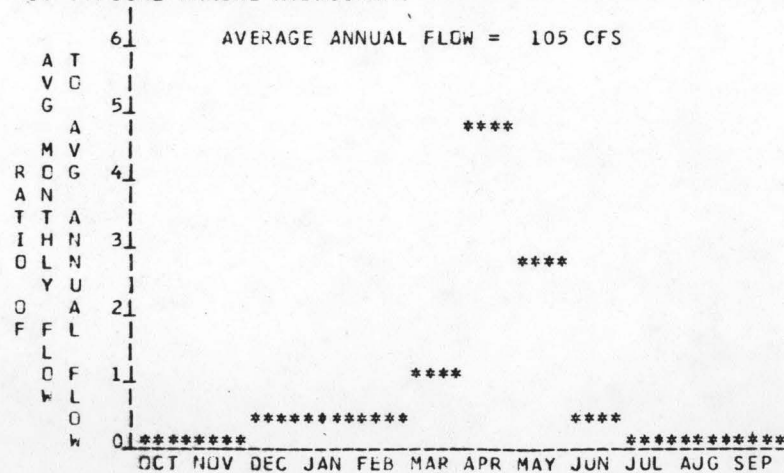
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2900 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2790 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	110 FT.
D. AVERAGE SLOPE IN REACH	100.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	92 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	10	0.15	1.32	1.00
80	14	0.22	1.86	0.96
50	37	0.55	3.74	0.77
30	90	1.35	6.55	0.55
10	312	4.67	12.36	0.30

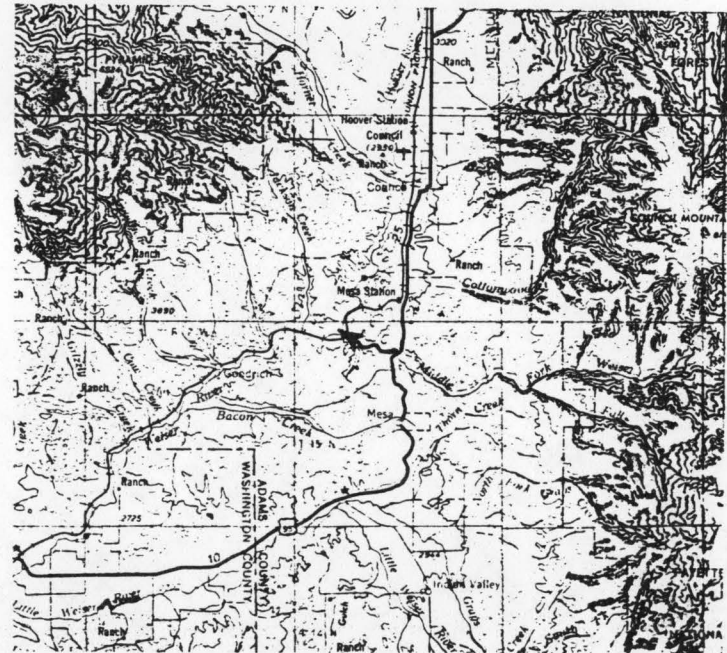
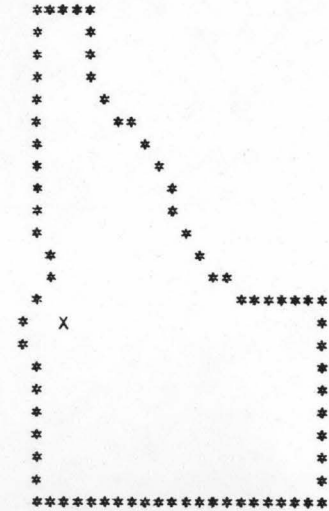
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024014012CROC01

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADAMS
C. TOWNSHIP, RANGE	T17N R 2W
D. LATITUDE, LONGITUDE	44 48 116 34
E. STREAM NAME	HORNET CREEK
F. MAJOR BASIN NAME	WEISER RIVER
G. RIVER MILE	0.0 TO 6.5

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BAKER

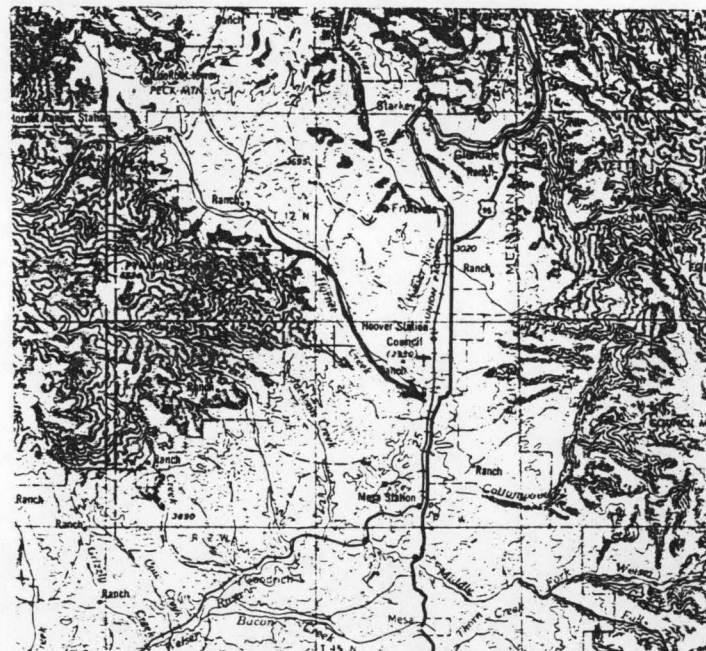
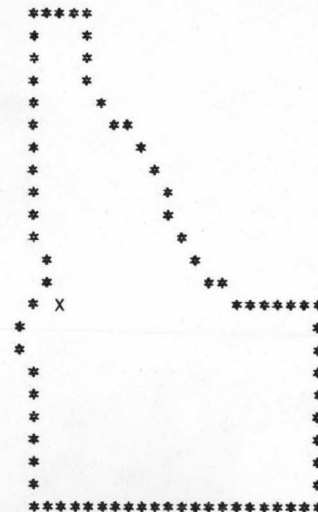
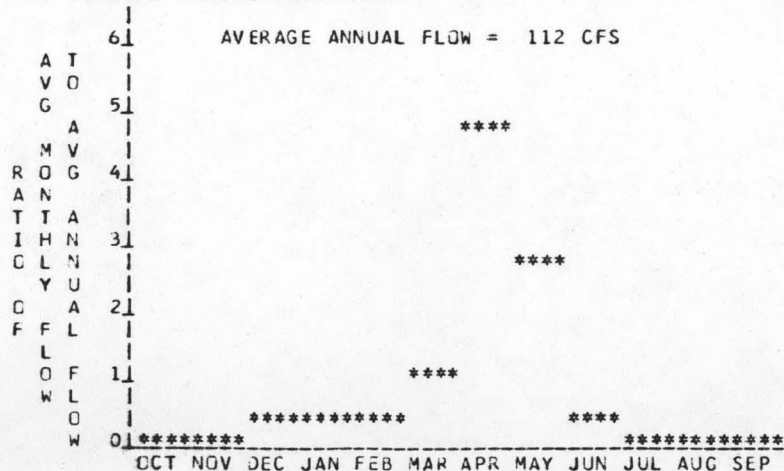
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3200 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2895 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	305 FT.
D. AVERAGE SLOPE IN REACH	46.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	112 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	10	0.34	2.97	1.00
80	15	0.50	4.19	0.96
50	39	1.24	8.44	0.77
30	97	3.07	14.34	0.55
10	333	10.49	27.84	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J35C024016C00CR0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	PAYETTE
C. TOWNSHIP, RANGE	T 8N R 4W
D. LATITUDE, LONGITUDE	44 1 116 51
E. STREAM NAME	PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	0.0 TO 14.4

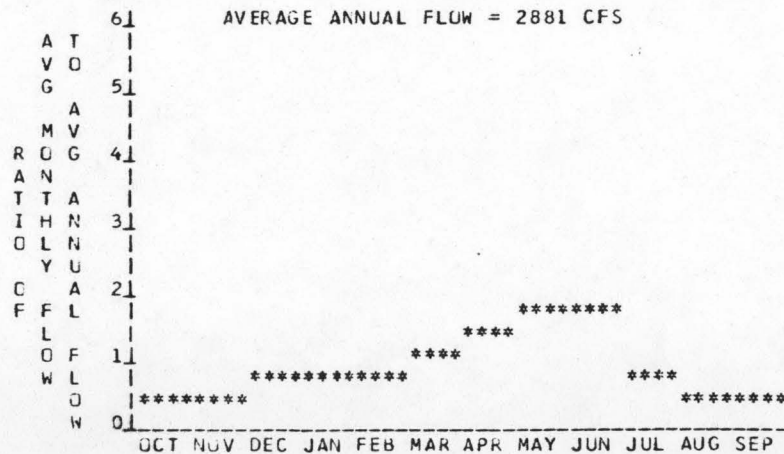
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2205 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2125 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	80 FT.
D. AVERAGE SLOPE IN REACH	5.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	3143 SQ. MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

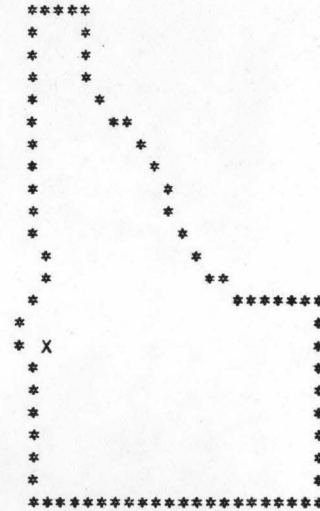
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1207	8.18	70.93	0.99
80	1637	11.10	93.28	0.96
50	1976	13.40	106.36	0.91
30	2601	17.63	121.21	0.78
10	5908	40.05	160.49	0.46

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016000CR0003

I LOCATION

A. STATE IDAHO
 B. COUNTY PAYETTE, GEM
 C. TOWNSHIP, RANGE T 7N R 3W
 D. LATITUDE, LONGITUDE 43 54 116 37
 E. STREAM NAME PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 14.4 TO 33.5

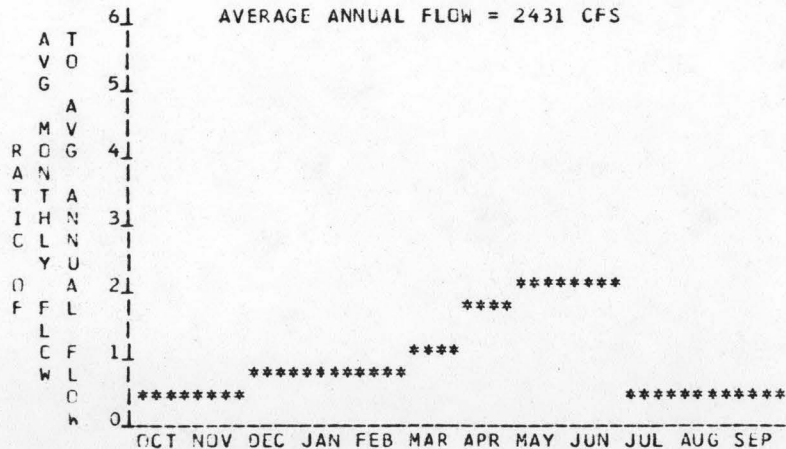
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2357 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2205 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 152 FT.
 D. AVERAGE SLOPE IN REACH 8.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2934 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

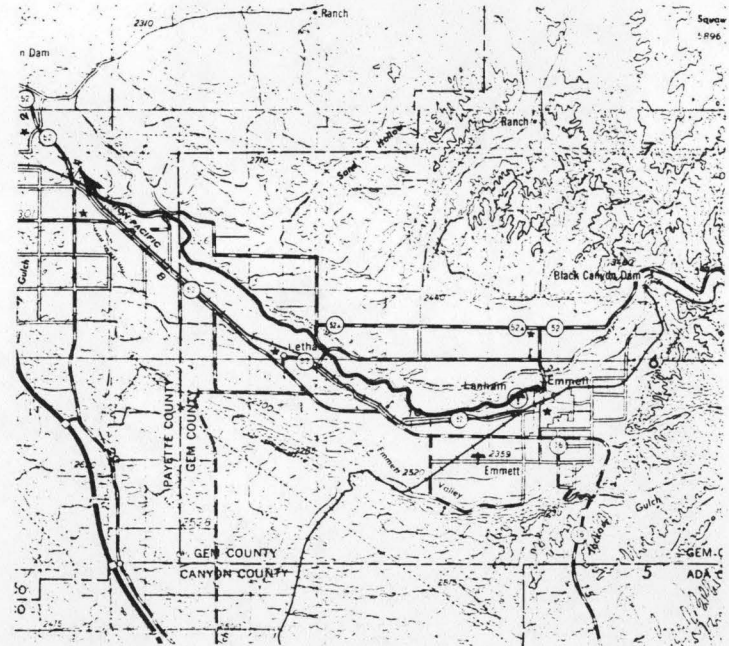
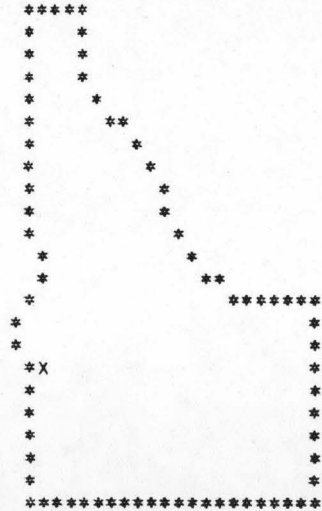
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	855	11.01	94.63	0.98
80	1233	15.88	131.95	0.95
50	1635	21.06	161.44	0.88
30	2299	29.61	191.41	0.74
10	5548	71.47	264.73	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016000CROCC5

I LOCATION

A. STATE IDAHO
 B. COUNTY GEM
 C. TOWNSHIP, RANGE T 6N R 1W
 D. LATITUDE, LONGITUDE 43 54 116 28
 E. STREAM NAME PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 33.5 TO 38.7

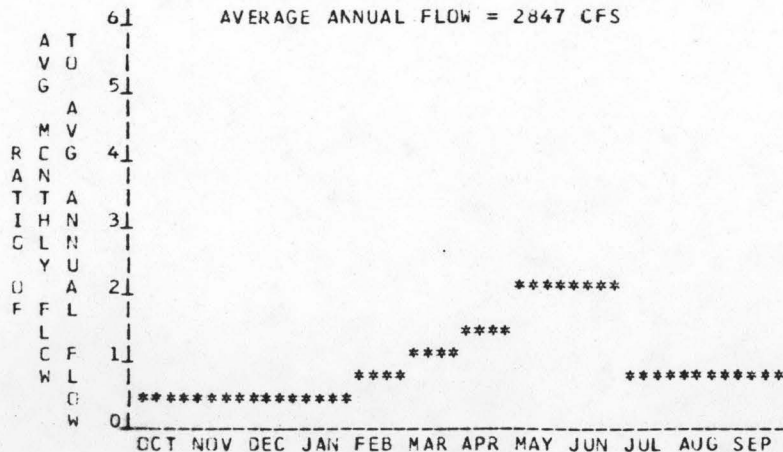
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2404 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2357 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 47 FT.
 D. AVERAGE SLOPE IN REACH 9.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2736 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

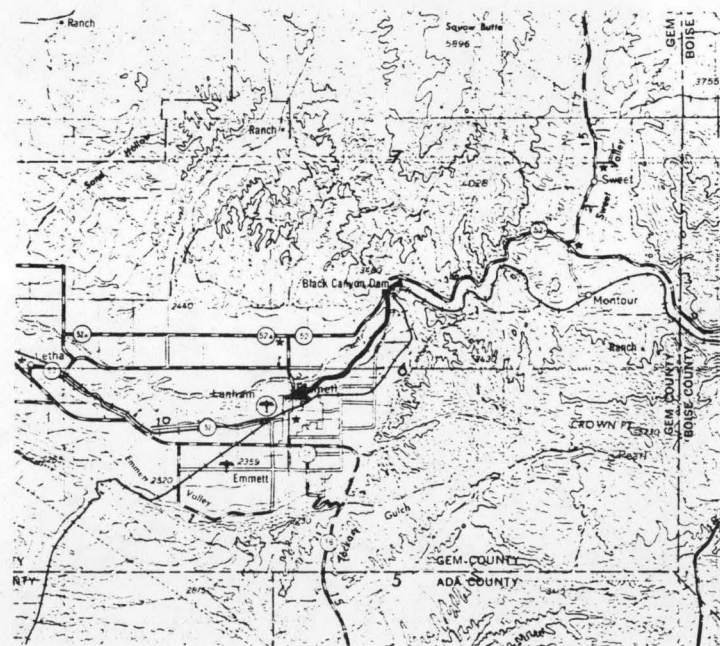
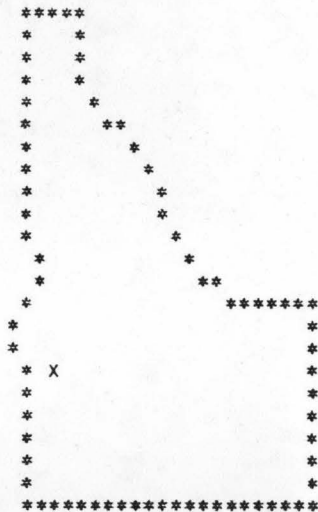
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1100	4.38	37.94	0.99
80	1800	7.17	59.32	0.94
50	2100	8.36	66.12	0.90
30	2400	9.56	70.31	0.84
10	4300	17.13	83.57	0.56

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

J.S. TOPG SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C16C000R0011

I LOCATION

A. STATE	IDAHO
B. COUNTY	GEM, BOISE
C. TOWNSHIP, RANGE	T 7N R 1E
D. LATITUDE, LONGITUDE	43 56 116 19
E. STREAM NAME	PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	44.1 TO 55.6

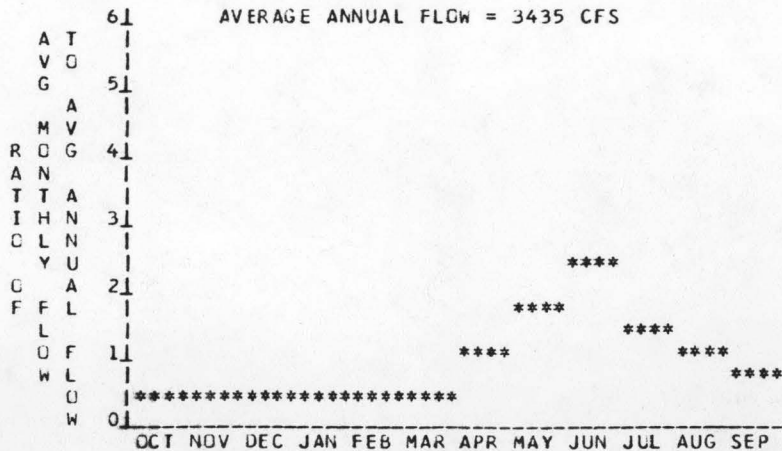
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2595 FT. MSL
H. DOWNSTREAM ELEVATION OF REACH	2500 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	95 FT.
D. AVERAGE SLOPE IN REACH	8.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2362 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

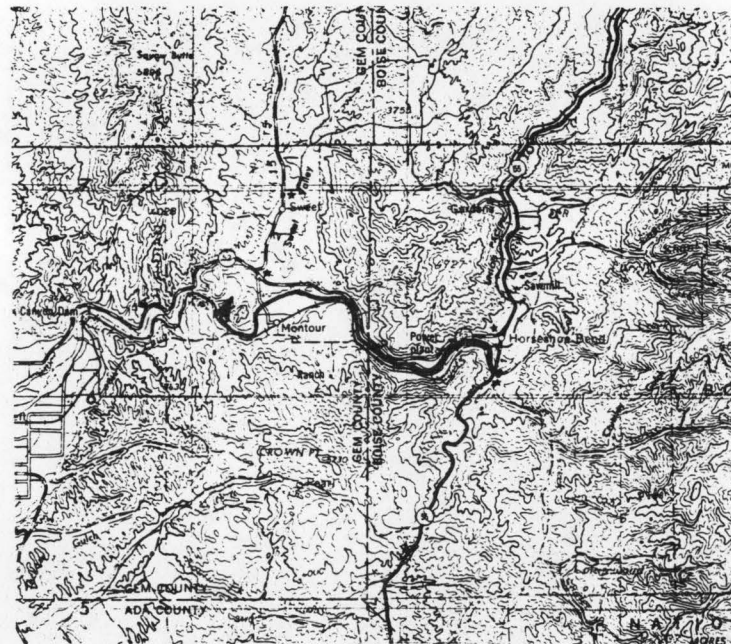
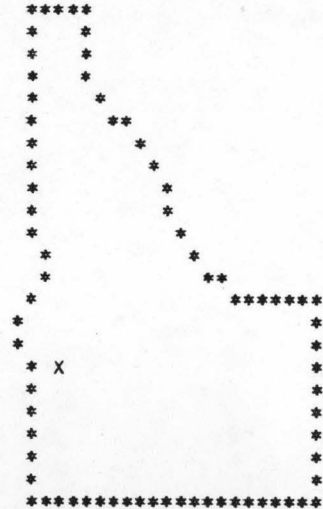
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1000	8.05	70.00	0.99
80	1500	12.08	100.85	0.95
50	2750	22.14	158.15	0.82
30	3750	30.19	186.36	0.70
10	7600	61.19	240.67	0.45

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016000R0C13

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 7N R 2E
 D. LATITUDE, LONGITUDE 43 55 116 12
 E. STREAM NAME PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 55.6 TO 59.4

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE

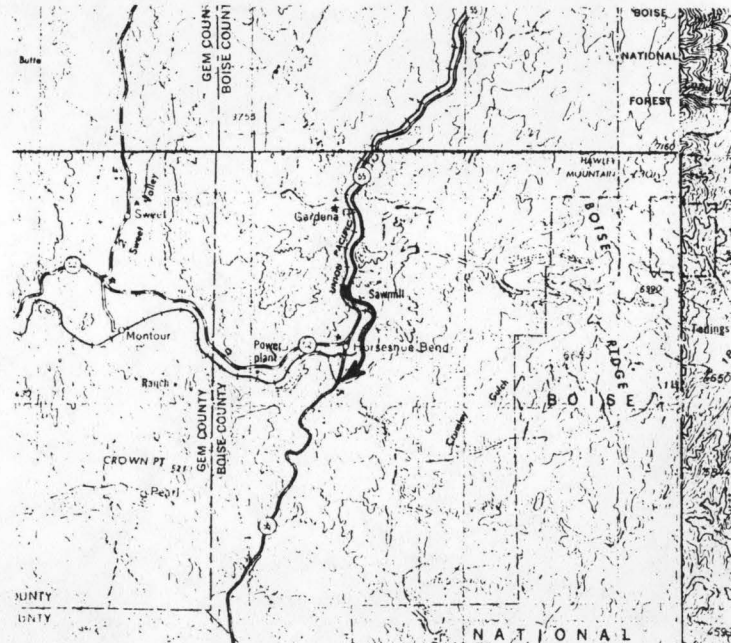
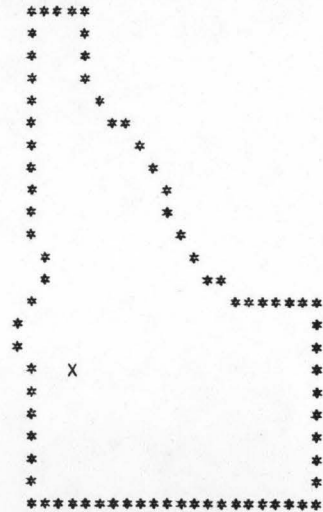
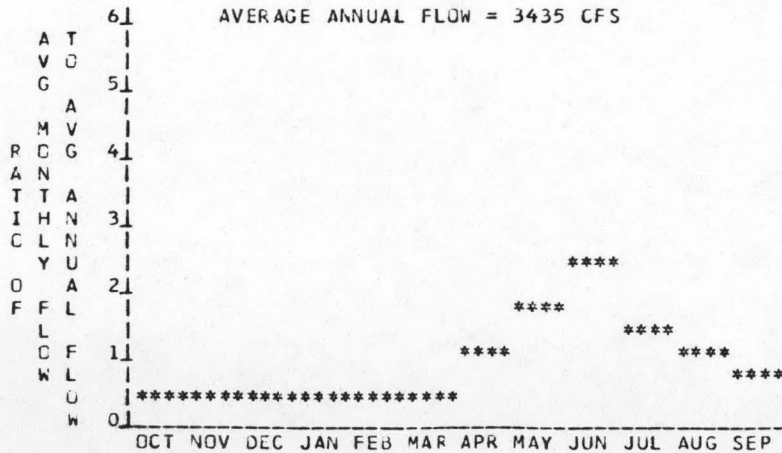
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2635 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2595 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 40 FT.
 D. AVERAGE SLOPE IN REACH 10.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2231 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1000	3.39	29.47	0.99
80	1500	5.08	42.46	0.95
50	2750	9.32	66.59	0.82
30	3750	12.71	78.47	0.70
10	7600	25.76	101.33	0.45

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024C16000R0C15

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 8N R 2E
 D. LATITUDE, LONGITUDE 44 0 116 12
 E. STREAM NAME PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 59.4 TO 72.1

LOCATION MAPS

U.S. TOPG SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER

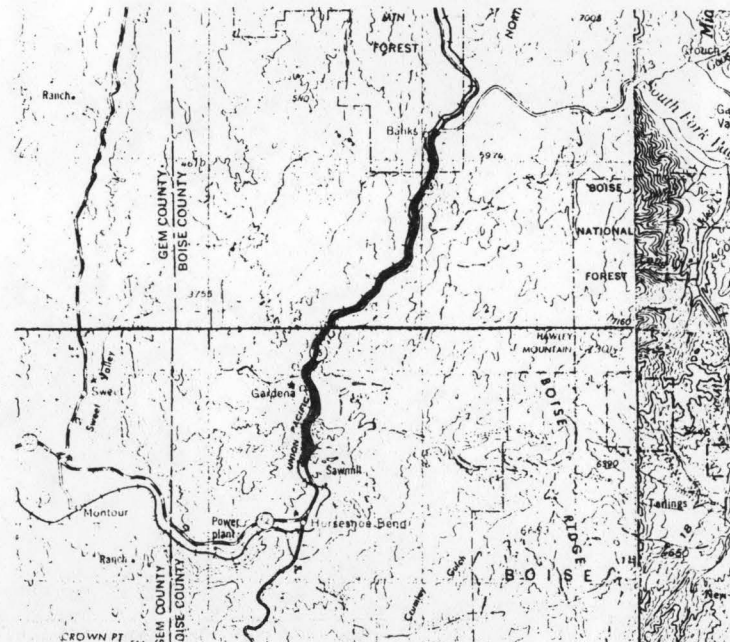
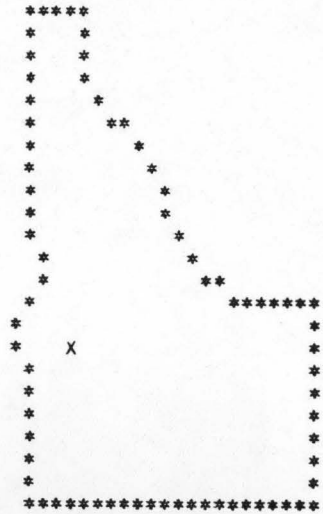
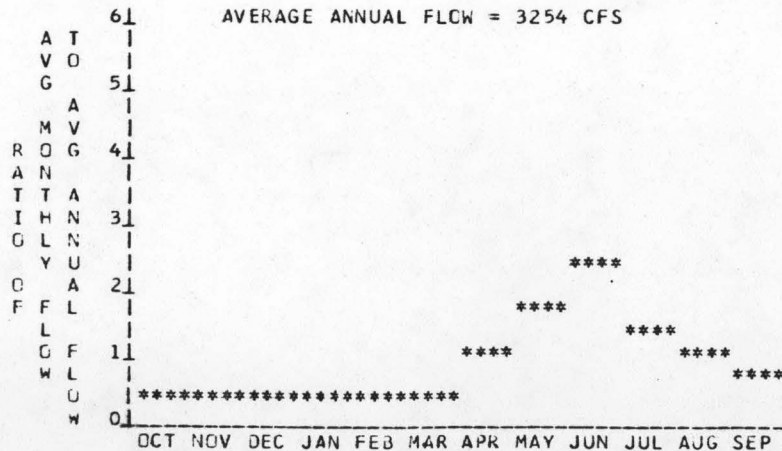
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2635 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 165 FT.
 D. AVERAGE SLOPE IN REACH 13.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2217 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	1000	13.98	121.57	0.99
80	1500	20.97	175.16	0.95
50	2750	38.45	274.69	0.82
30	3750	52.44	323.68	0.70
10	7600	106.27	418.00	0.45

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160000R0017

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 3E
 D. LATITUDE, LONGITUDE 44 5 116 3
 E. STREAM NAME PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 72.0 TO 79.5

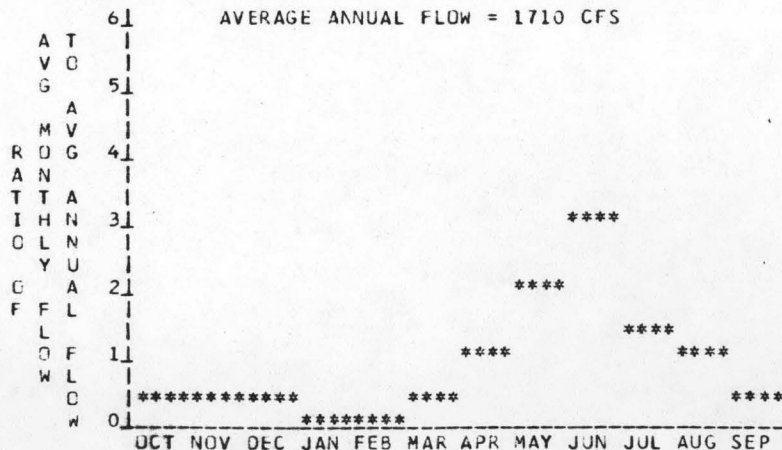
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2800 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 200 FT.
 D. AVERAGE SLOPE IN REACH 26.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1190 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

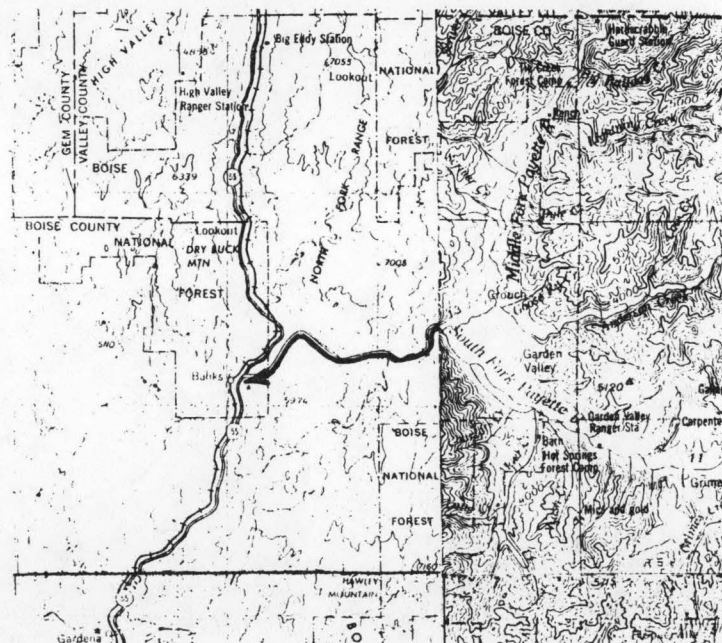
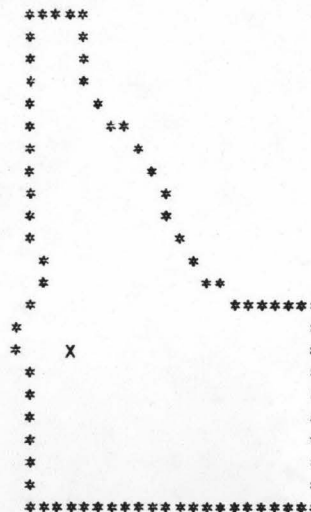
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	460	7.80	68.08	1.00
80	600	10.17	86.26	0.97
50	920	15.59	117.15	0.86
30	1800	30.51	169.41	0.63
10	4300	72.88	243.65	0.38

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

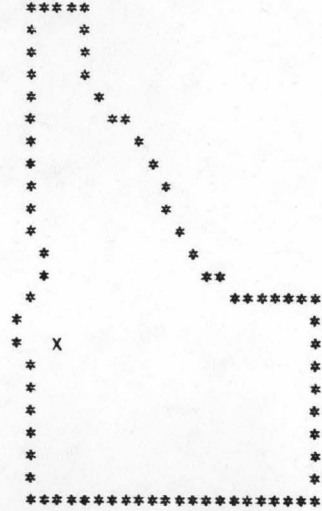
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I LOCATION

A. STATE IDAHO
 B. COUNTY GEM
 C. TOWNSHIP, RANGE T 8N R 1E
 D. LATITUDE, LONGITUDE 44 0 116 20
 E. STREAM NAME SQUAW CREEK
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 0.0 TO 15.0

LOCATION MAPS

U.S. TOPG SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



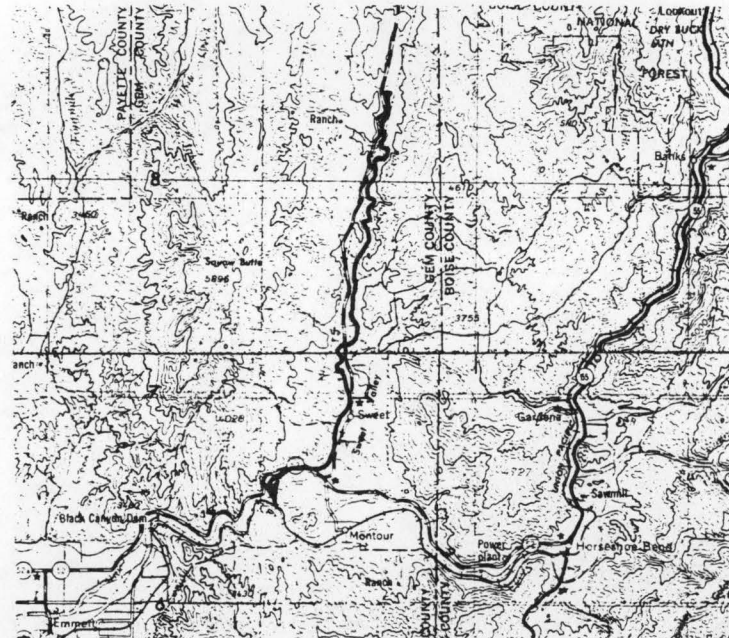
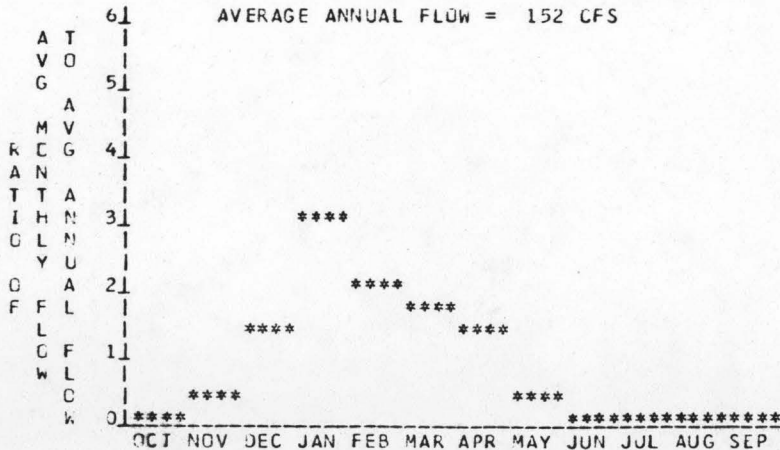
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2850 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2500 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 350 FT.
 D. AVERAGE SLOPE IN REACH 23.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 348 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	41	1.23	10.75	1.00
80	52	1.56	13.27	0.97
50	67	2.00	15.77	0.90
30	103	3.07	19.51	0.73
10	438	13.01	36.93	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035024C16006CR0003

I LOCATION

A. STATE	IDAHO
B. COUNTY	GEM
C. TOWNSHIP, RANGE	T 9N R 1E
D. LATITUDE, LONGITUDE	44 8 116 18
E. STREAM NAME	SQUAW CREEK
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	15.0 TO 23.7

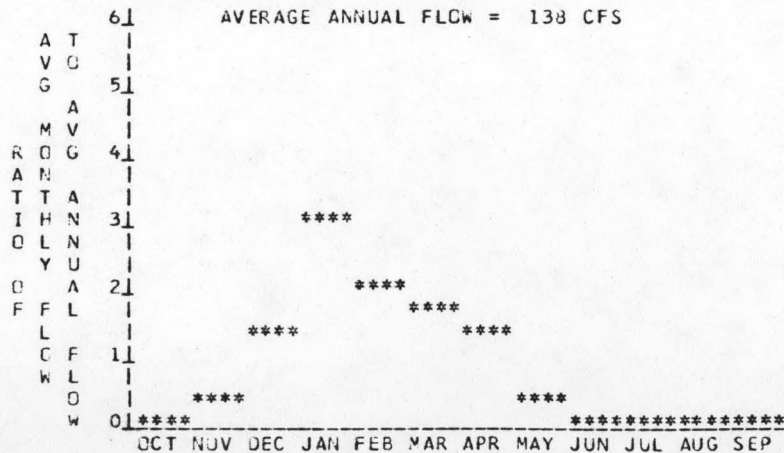
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3015 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2850 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	165 FT.
D. AVERAGE SLOPE IN REACH	19.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	277 SQ. MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

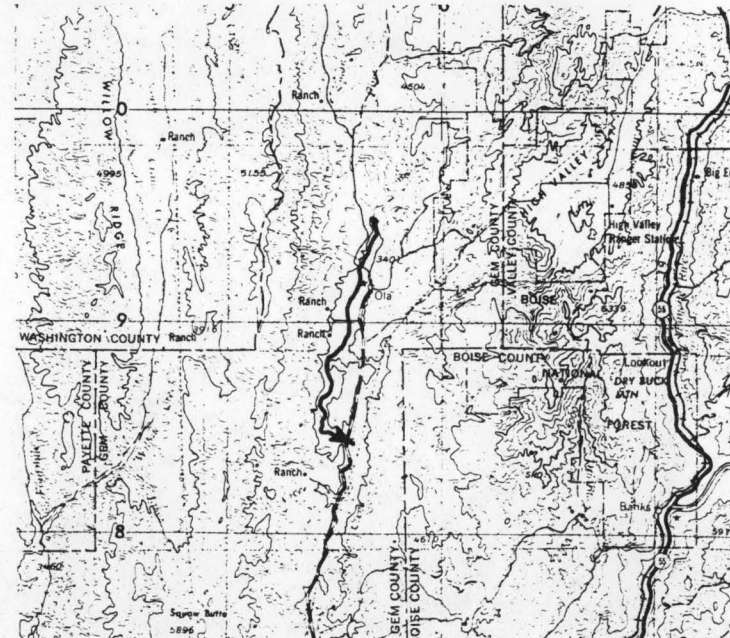
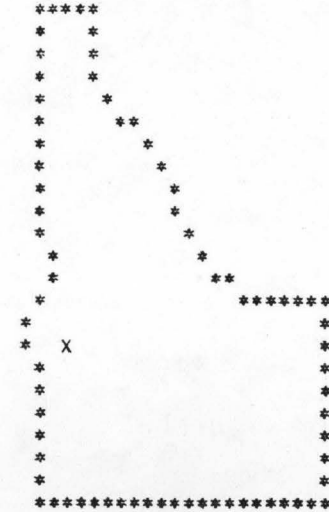
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	37	0.53	4.61	1.00
80	47	0.67	5.69	0.97
50	61	0.85	6.74	0.90
30	92	1.30	8.30	0.73
10	398	5.58	15.80	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

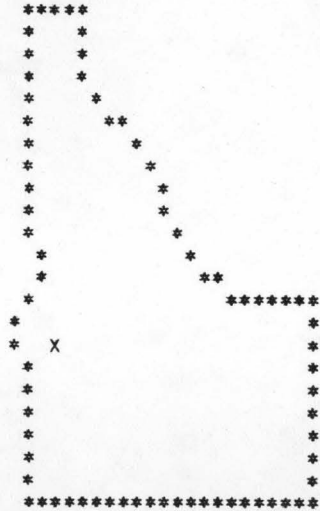
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I LOCATION

A. STATE IDAHO
 B. COUNTY GEM
 C. TOWNSHIP, RANGE T11N R 1E
 D. LATITUDE, LONGITUDE 44 15 116 18
 E. STREAM NAME SQUAW CREEK
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 23.7 TO 29.7

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



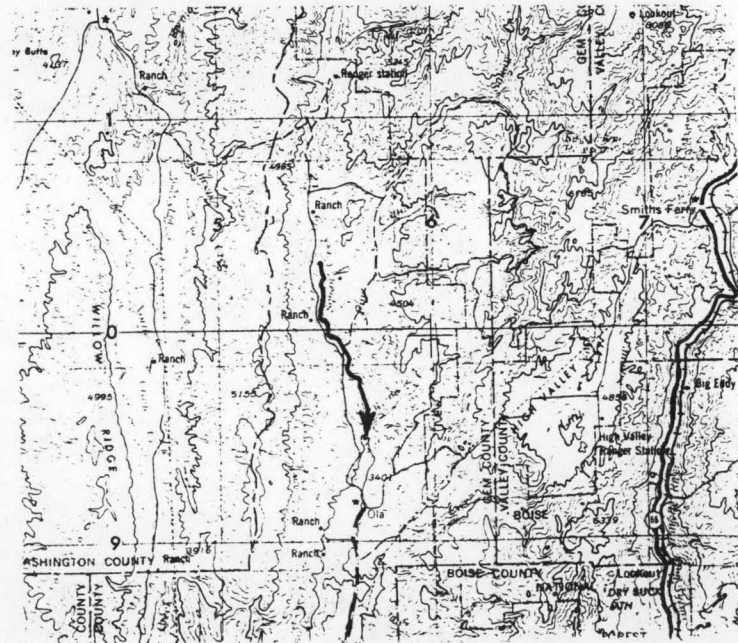
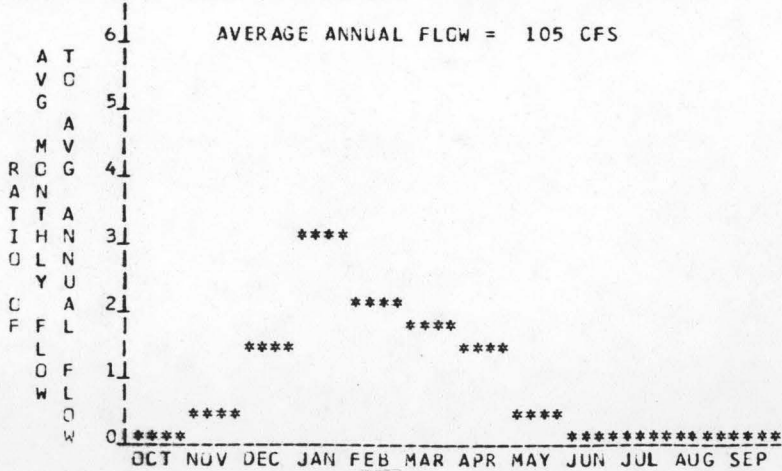
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3245 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3015 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 230 FT.
 D. AVERAGE SLOPE IN REACH 38.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 170 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	0.72	6.32	1.00
80	36	0.92	7.83	0.97
50	46	1.16	9.18	0.91
30	68	1.72	11.15	0.74
10	305	7.66	21.55	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160100R0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	BOISE, VALLEY
C. TOWNSHIP, RANGE	T10N R 3E
D. LATITUDE, LONGITUDE	44 10 116 7
E. STREAM NAME	NO FK PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	0.0 TO 15.1

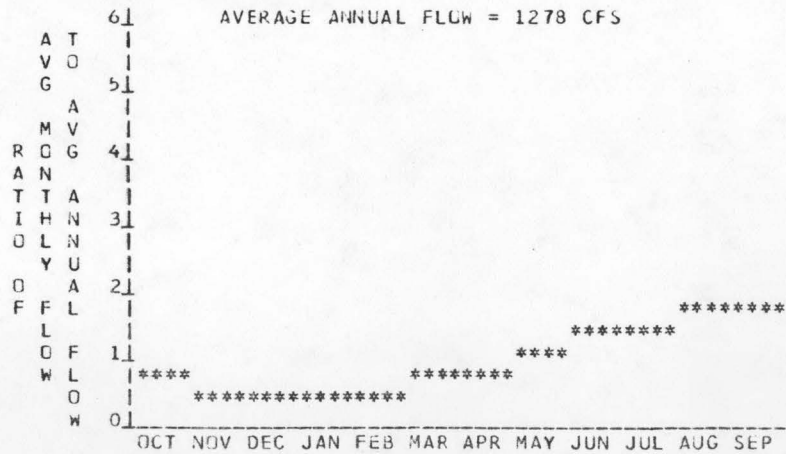
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4090 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1290 FT.
D. AVERAGE SLOPE IN REACH	85.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	923 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

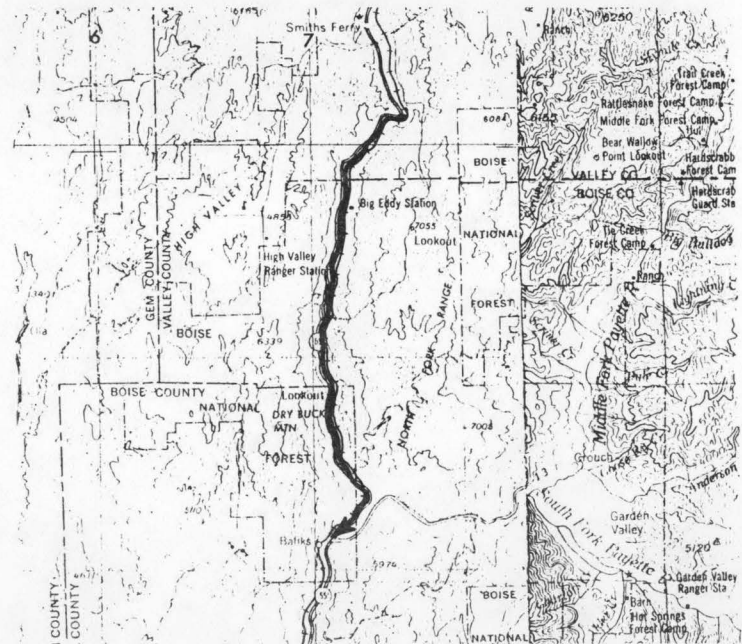
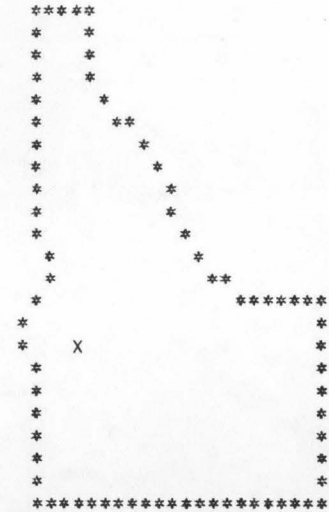
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	270	29.52	256.89	0.99
80	490	53.57	441.24	0.94
50	1150	125.72	852.08	C.77
30	1800	196.78	1101.07	C.64
10	2500	273.30	1235.14	0.52

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160100R0003

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T12N R 3E
D. LATITUDE, LONGITUDE	44 21 116 4
E. STREAM NAME	NO FK PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	15.1 TO 27.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER

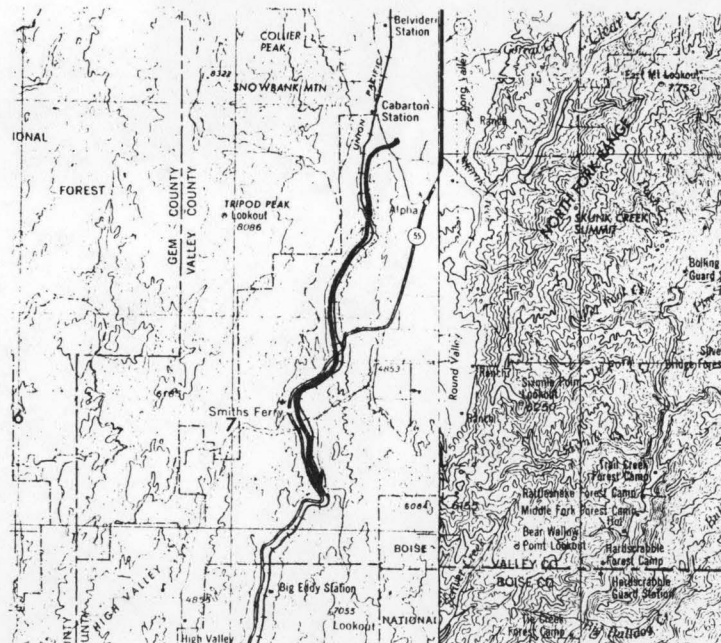
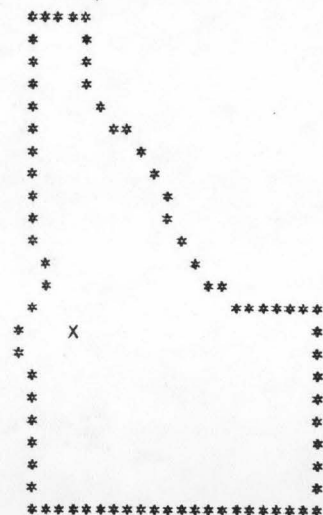
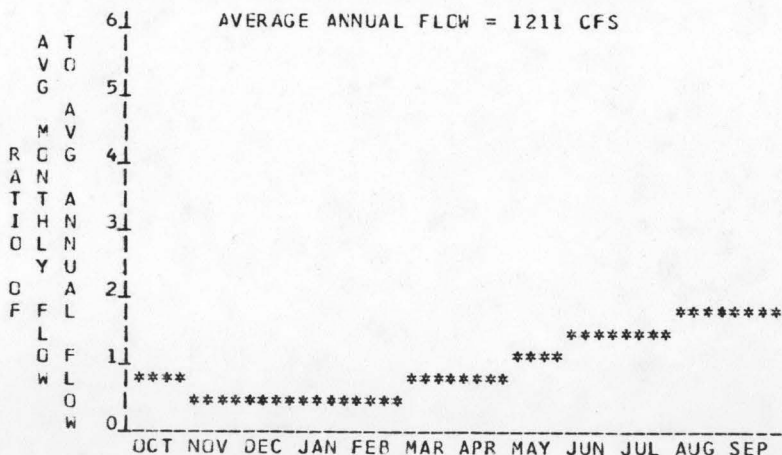
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4680 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4090 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	590 FT.
D. AVERAGE SLOPE IN REACH	46.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	882 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	260	13.00	113.22	0.99
80	460	23.00	189.87	0.94
50	1075	53.75	364.96	0.78
30	1750	87.50	483.22	0.63
10	2450	122.50	544.54	0.51

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016J10CRJ005

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T13N R 4E
 D. LATITUDE, LONGITUDE 44 26 116 0
 E. STREAM NAME NO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 27.7 TO 31.3

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER

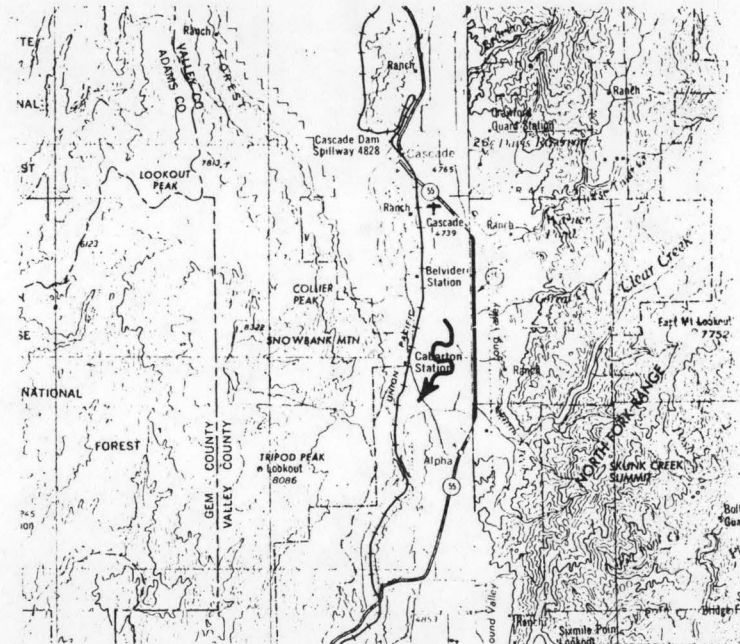
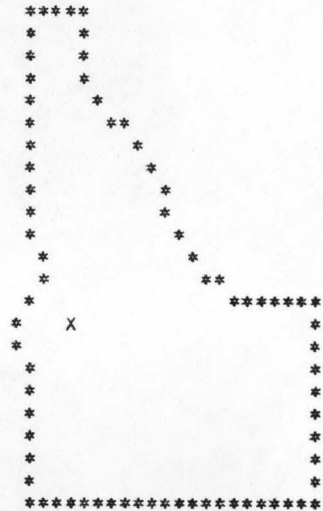
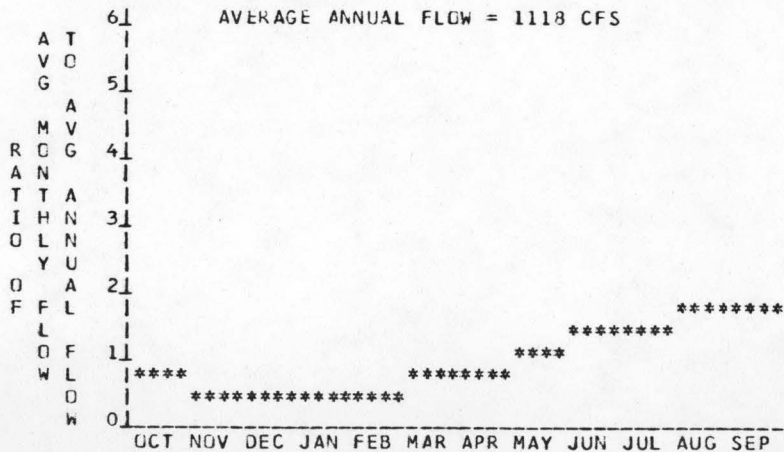
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4710 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4680 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 30 FT.
 D. AVERAGE SLOPE IN REACH 8.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 808 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	240	0.61	5.32	1.00
80	400	1.02	8.44	0.95
50	950	2.42	16.40	0.78
30	1600	4.07	22.19	0.62
10	2350	5.97	25.53	0.49

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016010CRO007

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T13N R 4E
 D. LATITUDE, LONGITUDE 44 29 116 1
 E. STREAM NAME NO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 31.3 TO 38.0

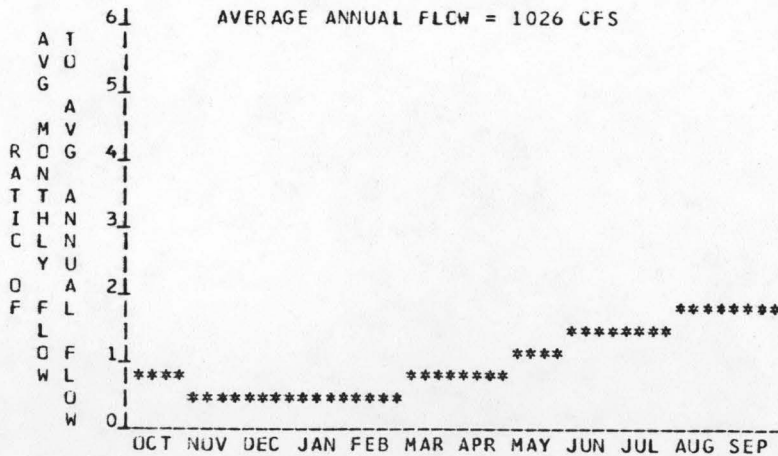
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4730 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4710 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 20 FT.
 D. AVERAGE SLOPE IN REACH 3.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 739 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

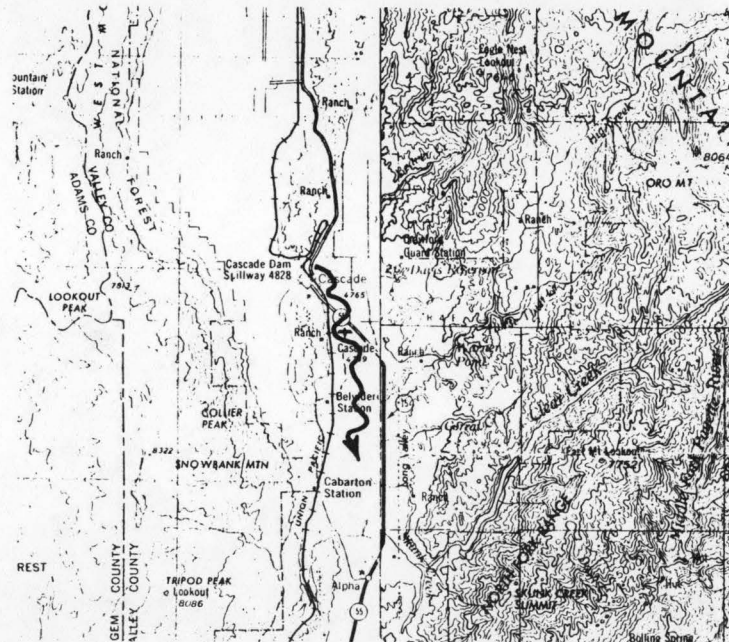
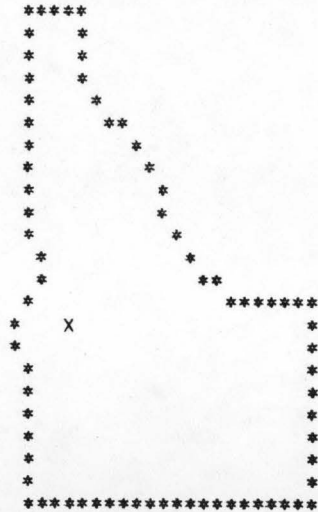
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	220	0.37	3.24	0.99
80	320	0.54	4.54	0.96
50	880	1.49	9.94	0.76
30	1450	2.46	13.33	0.62
10	2200	3.73	15.56	0.48

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024016C10CR0011

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T16N R 3E
 D. LATITUDE, LONGITUDE 44 45 116 8
 E. STREAM NAME NO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 52.9 TO 77.4

LOCATION MAPS

U.S. TQPO SERIES
 1:250000
 SCALE
 MAP NAME
 BAKER

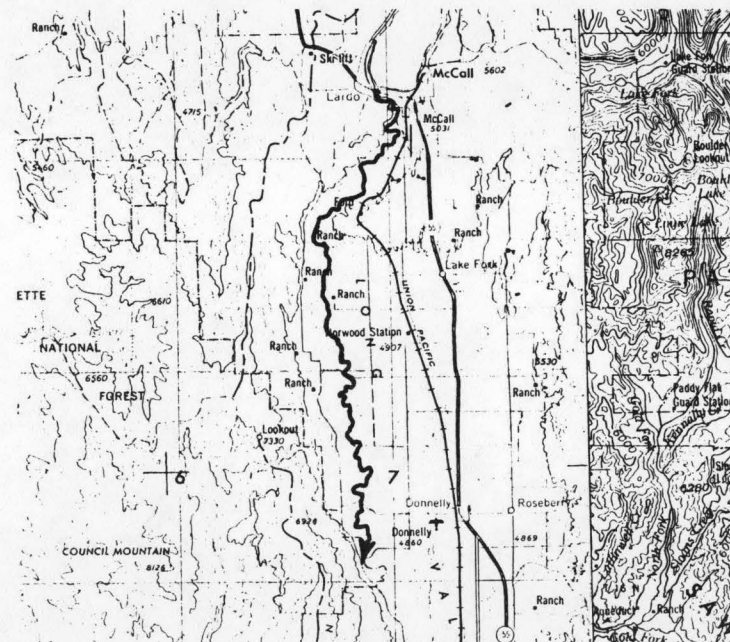
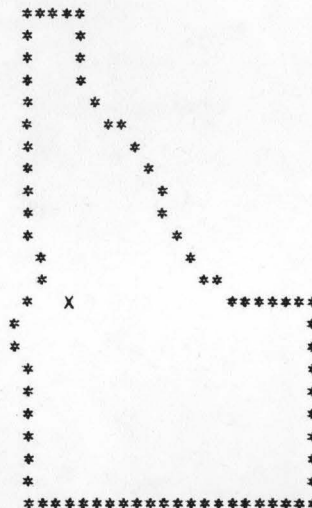
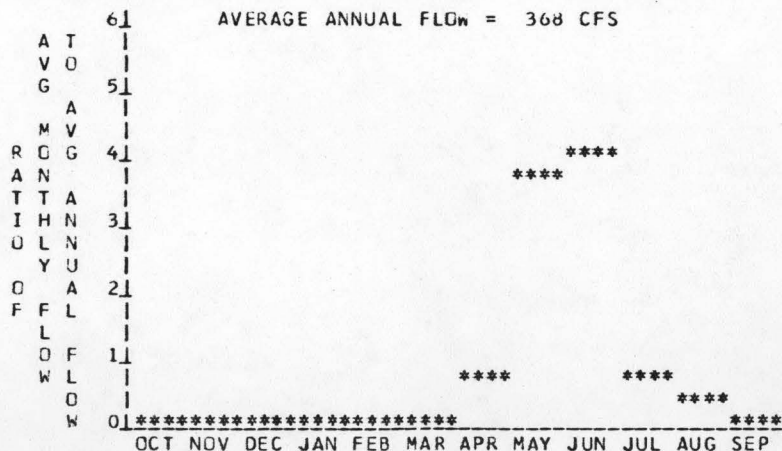
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4975 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4815 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 160 FT.
 D. AVERAGE SLOPE IN REACH 6.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 198 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.07	0.59	0.99
80	50	0.68	5.26	0.89
50	140	1.90	12.21	0.73
30	250	3.39	17.44	0.59
10	1150	15.59	38.82	0.28

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160100C0015

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T20N R 3E
D. LATITUDE, LONGITUDE	45 3 116 3
E. STREAM NAME	NO FK PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	84.6 TO 92.6

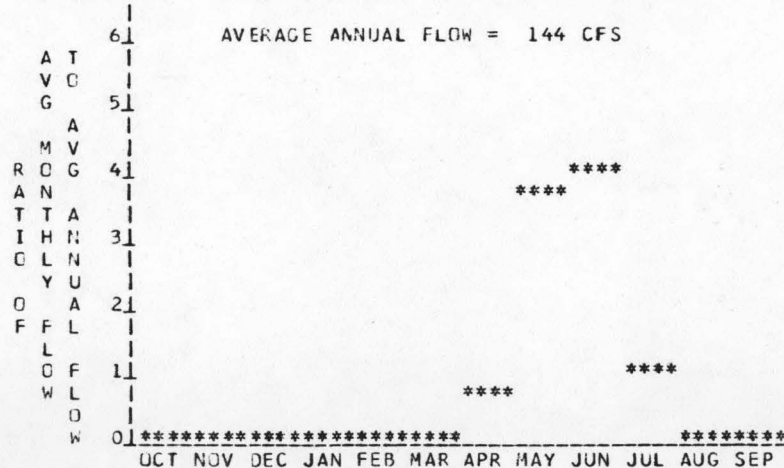
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5480 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4990 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	490 FT.
D. AVERAGE SLOPE IN REACH	61.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	105 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

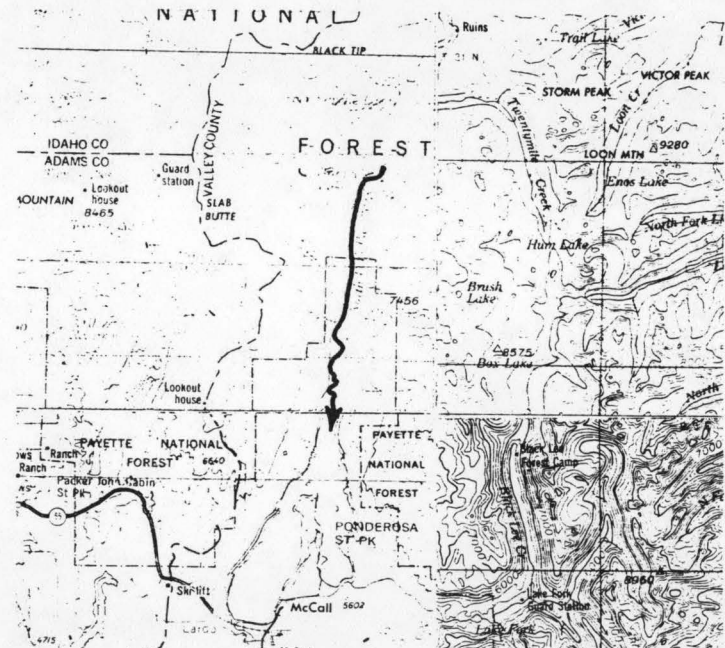
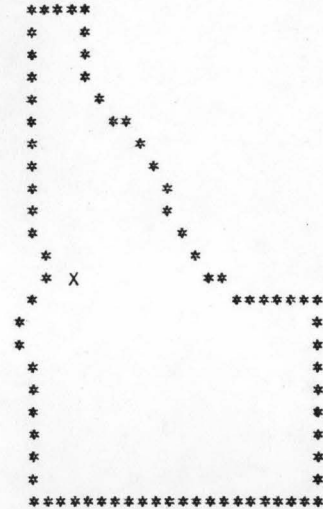
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	1.13	9.89	1.00
80	32	1.51	12.77	0.97
50	50	2.36	17.60	0.85
30	90	4.24	24.21	0.65
10	442	20.83	53.27	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
GRANGEVILLE



REACH HYDRO-POTENTIAL CHARACTERISTICS

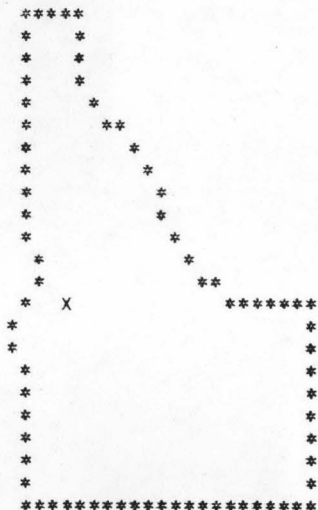
REACH NUMBER 03500240160100R0021

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T16N R 3E
D. LATITUDE, LONGITUDE	44 41 116 2
E. STREAM NAME	GOLD FORK RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	0.0 TO 6.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



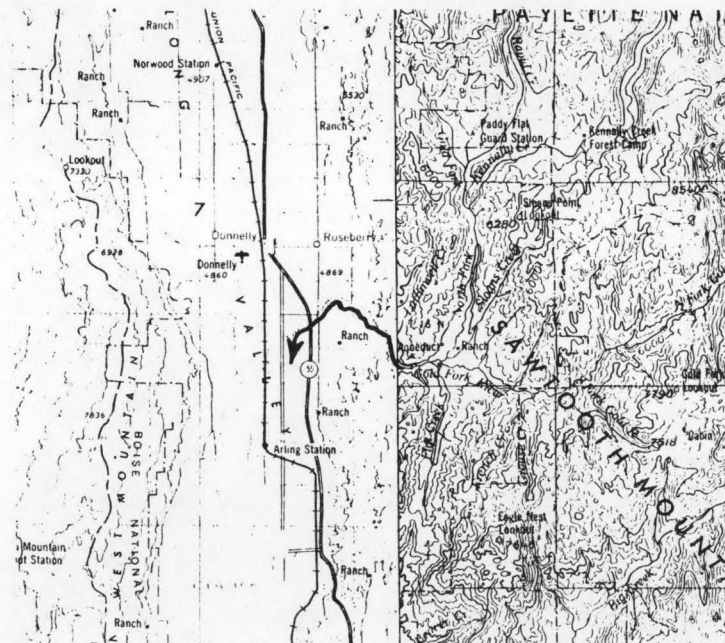
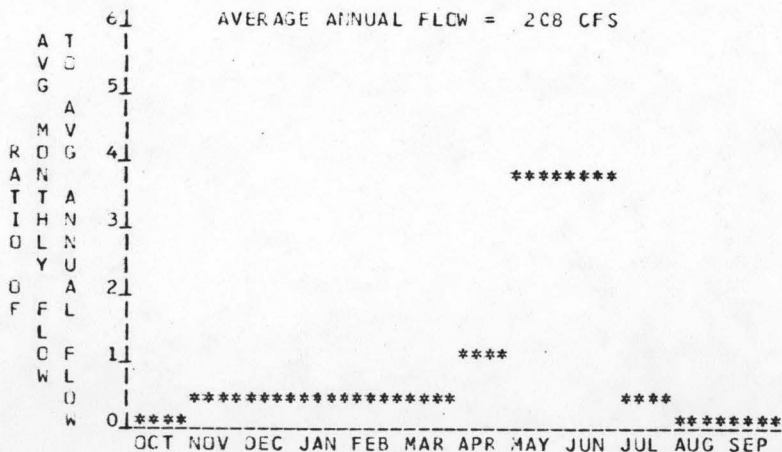
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4900 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4815 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	85 FT.
D. AVERAGE SLOPE IN REACH	13.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	160 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3	0.03	0.22	0.98
80	47	0.34	2.62	0.88
50	76	0.55	3.81	0.79
30	130	0.94	5.17	0.63
10	700	5.04	12.36	0.28

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

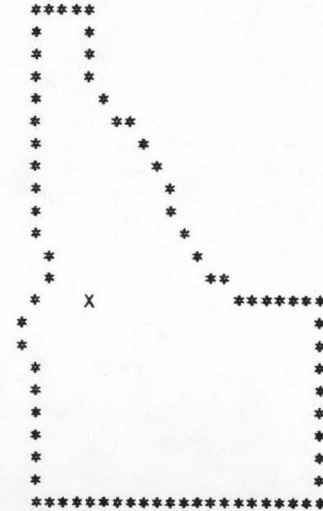
REACH NUMBER 0350024016C100R0023

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T16N R 4E
D. LATITUDE, LONGITUDE	44 41 115 57
E. STREAM NAME	GOLD FORK RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	6.3 TO 7.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



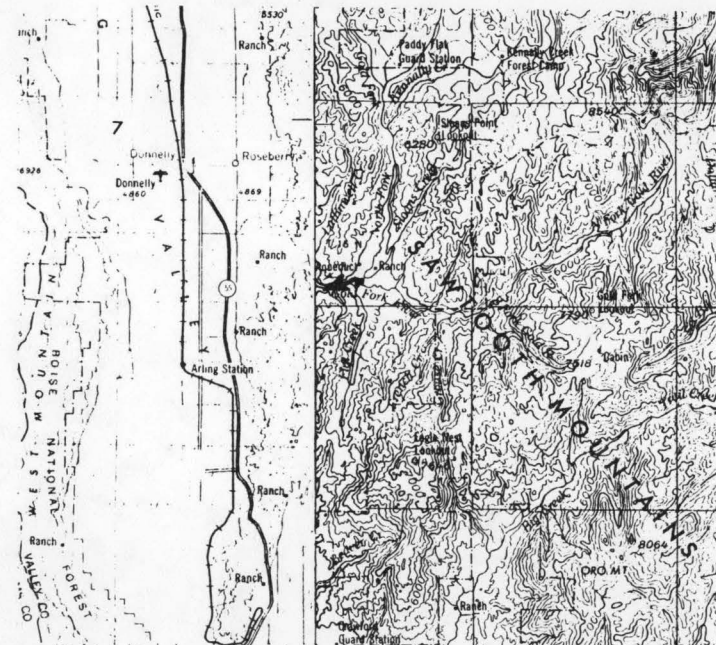
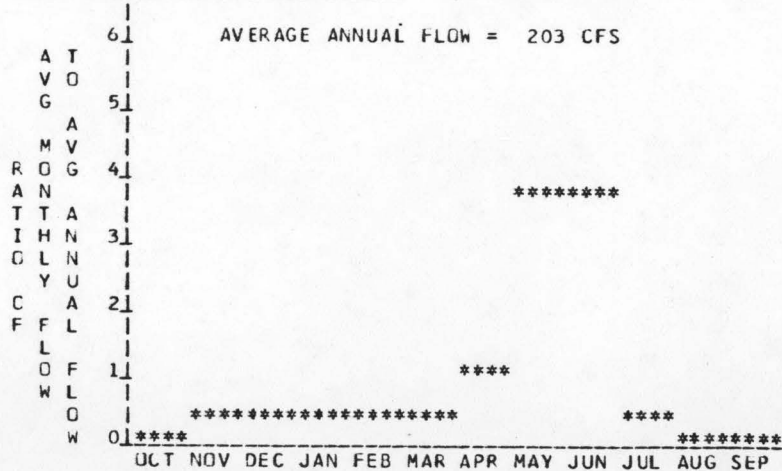
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4920 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4900 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	20 FT.
D. AVERAGE SLOPE IN REACH	20.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	149 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	33	0.24	2.10	1.00
80	44	0.32	2.72	0.97
50	71	0.52	3.84	0.85
30	129	0.94	5.32	0.65
10	627	4.57	11.68	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

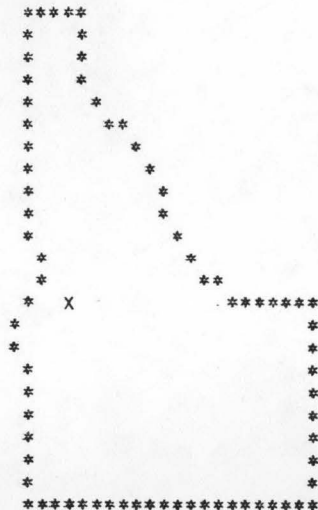
REACH NUMBER 03500240160100R0031

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T17N R 3E
D. LATITUDE, LONGITUDE	+4 48 116 7
E. STREAM NAME	LAKE FORK
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	0.0 TO 24.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BAKER



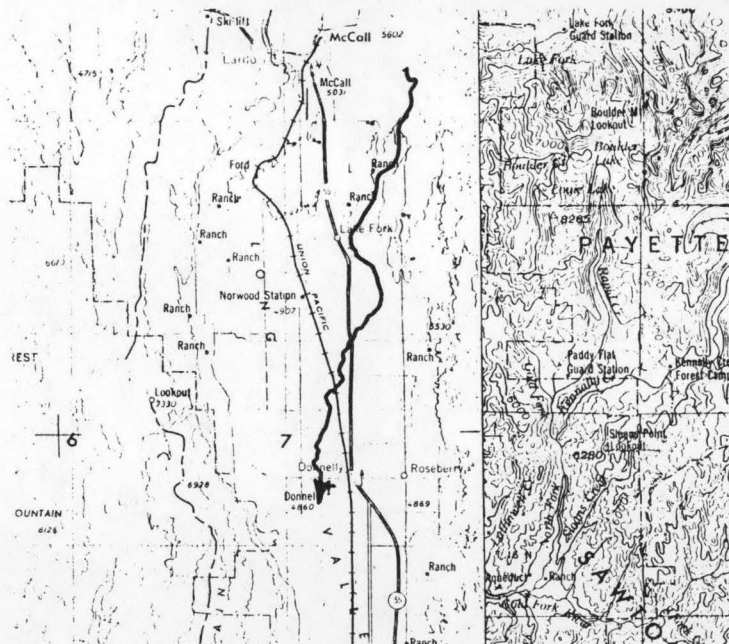
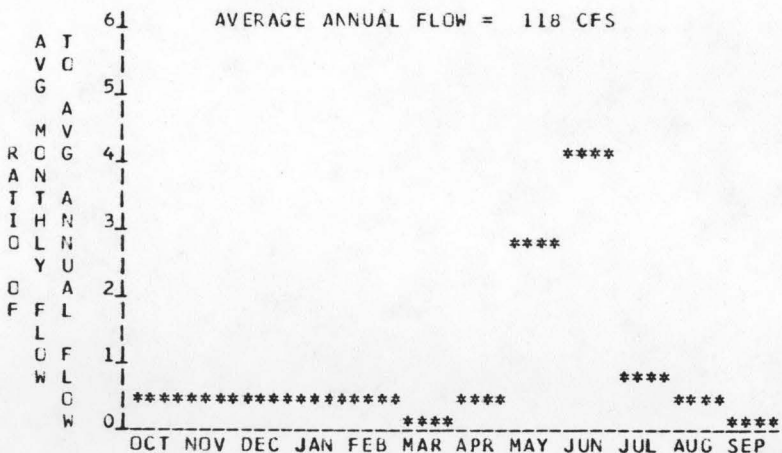
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5030 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4815 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	265 FT.
D. AVERAGE SLOPE IN REACH	11.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	109 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	10	0.22	1.94	0.99
80	27	0.61	4.87	0.92
50	56	1.26	8.58	0.78
30	80	1.80	10.47	0.66
10	600	13.47	30.93	0.26

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016010CR0033

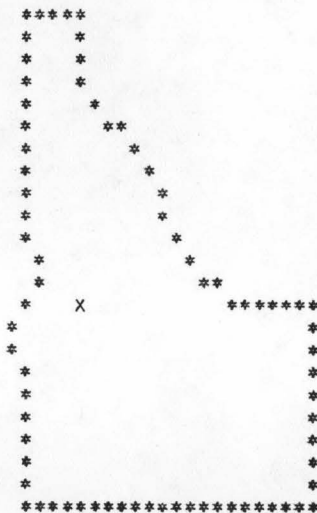
I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T18N R 4E
 D. LATITUDE, LONGITUDE 44 56 115 55
 E. STREAM NAME LAKE FORK
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 26.0 TO 26.5

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

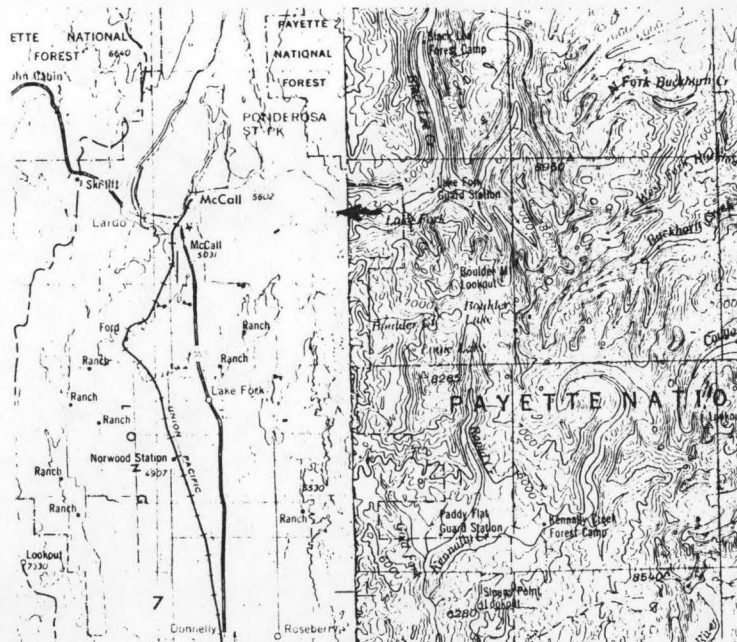
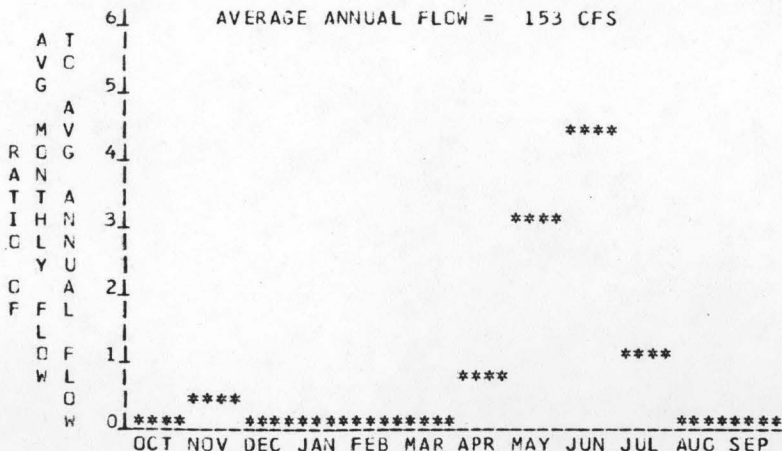
A. UPSTREAM ELEVATION OF REACH 5160 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5120 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 40 FT.
 D. AVERAGE SLOPE IN REACH 80.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 51 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III PEACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.04	0.35	0.99
80	20	0.07	0.56	0.95
50	44	0.15	1.03	0.78
30	92	0.31	1.60	0.58
10	540	1.83	4.26	0.27

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 153 CFS



REACH HYDRO-POTENTIAL CHARACTERISTICS

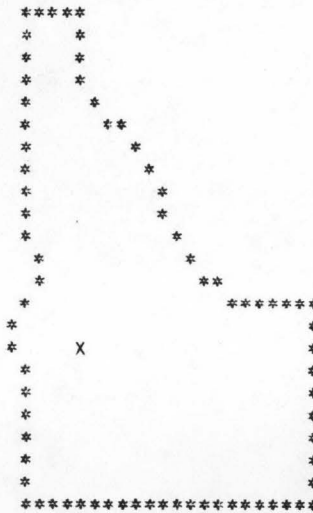
REACH NUMBER 03500240160180F0003

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 4E
 D. LATITUDE, LONGITUDE 44 4 115 58
 E. STREAM NAME SO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 0.0 TO 8.5

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

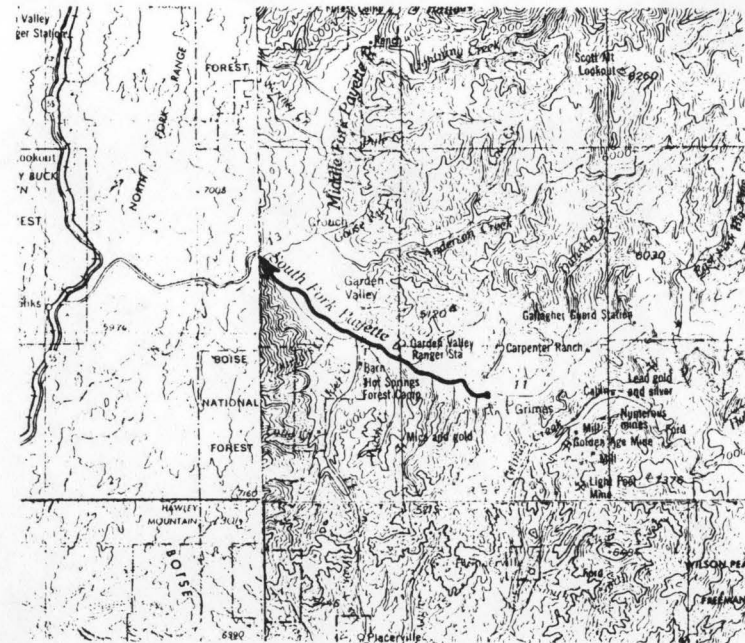
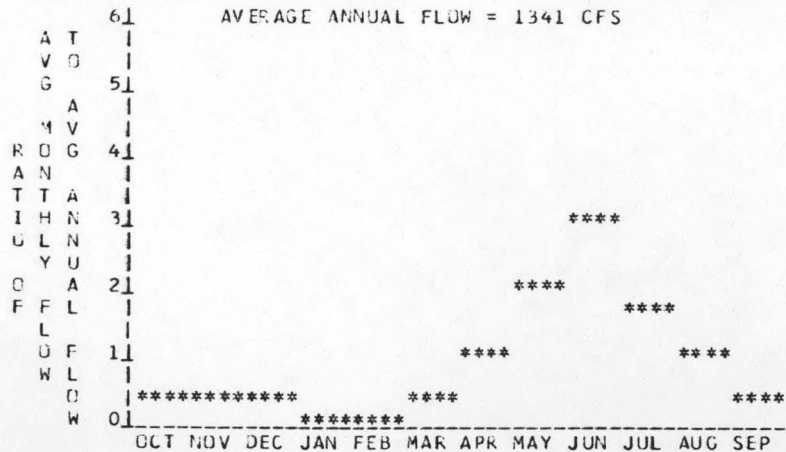
A. UPSTREAM ELEVATION OF REACH 3150 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 100.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 825 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	350	4.45	38.34	1.00
80	400	5.08	43.71	0.98
50	760	9.66	69.76	0.82
30	1650	20.97	109.41	0.60
10	3500	44.49	150.61	0.39

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 1341 CFS



REACH HYDRD-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016C130R0005

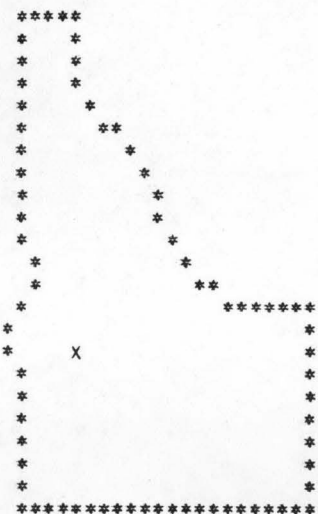
I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 6E
 D. LATITUDE, LONGITUDE 44 5 115 45
 E. STREAM NAME SQ FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 8.5 TO 22.0

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

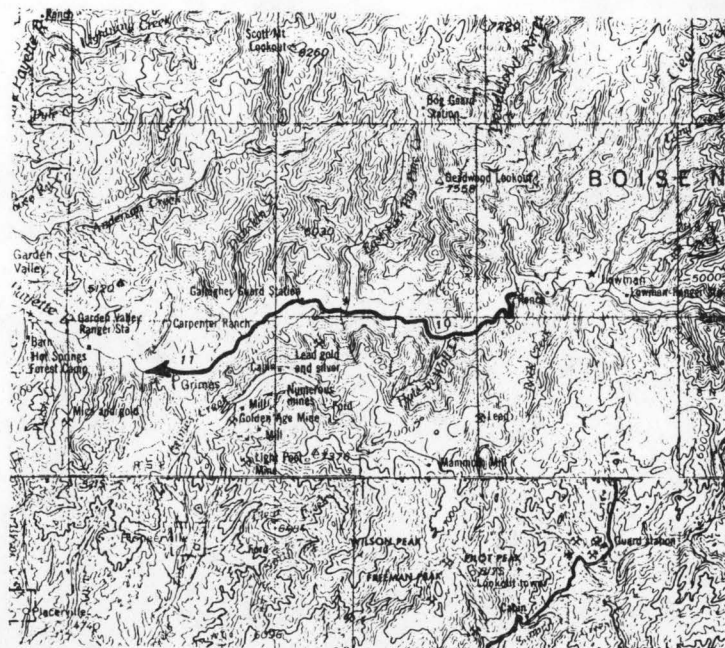
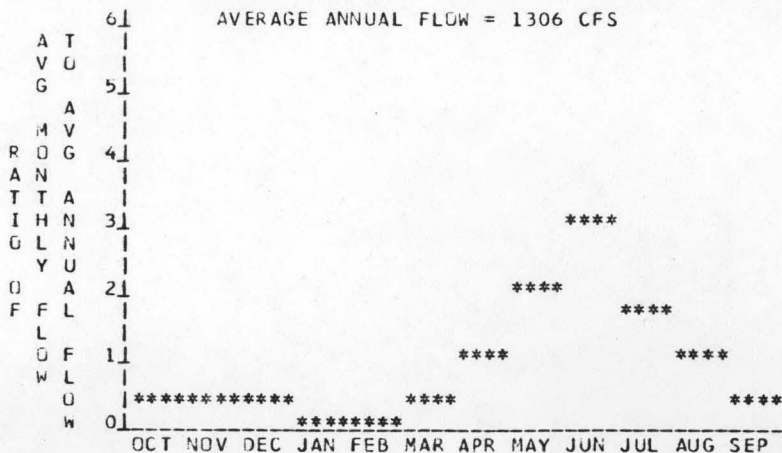
A. UPSTREAM ELEVATION OF REACH 3710 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3150 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 560 FT.
 D. AVERAGE SLOPE IN REACH 41.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 763 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	340	16.14	140.93	1.00
80	440	20.88	177.31	0.97
50	760	36.07	263.78	0.83
30	1575	74.75	399.31	0.61
10	3400	161.36	551.05	0.39

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 1306 CFS



REACH HYDRO-POTENTIAL CHARACTERISTICS

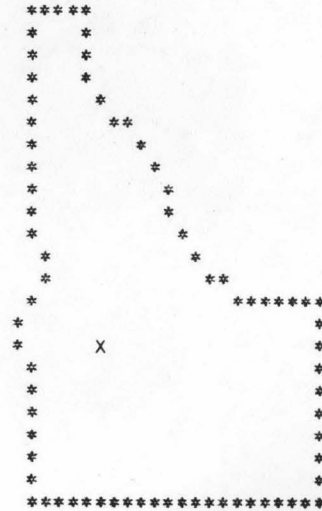
REACH NUMBER 0350024016013CR0007

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 7E
 D. LATITUDE, LONGITUDE 44 5 115 38
 E. STREAM NAME SO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 22.0 TO 24.9

LOCATION MAPS

U.S. TPOD SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

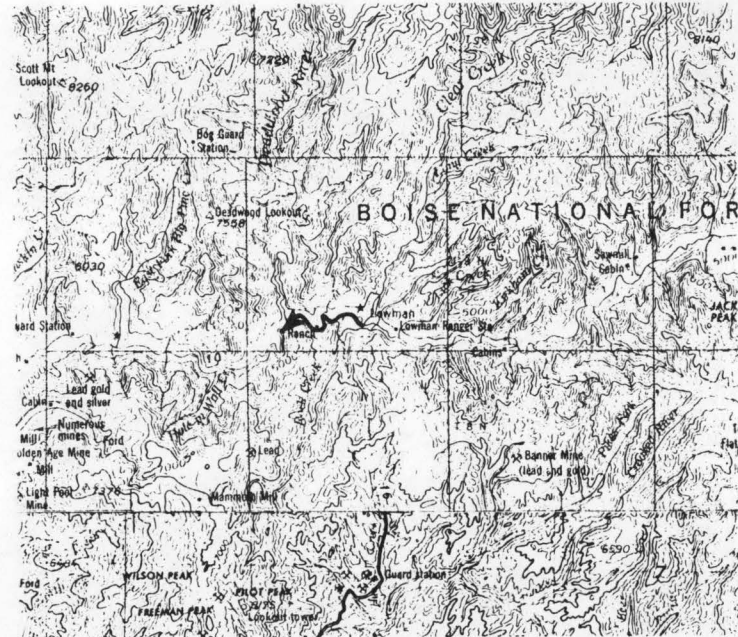
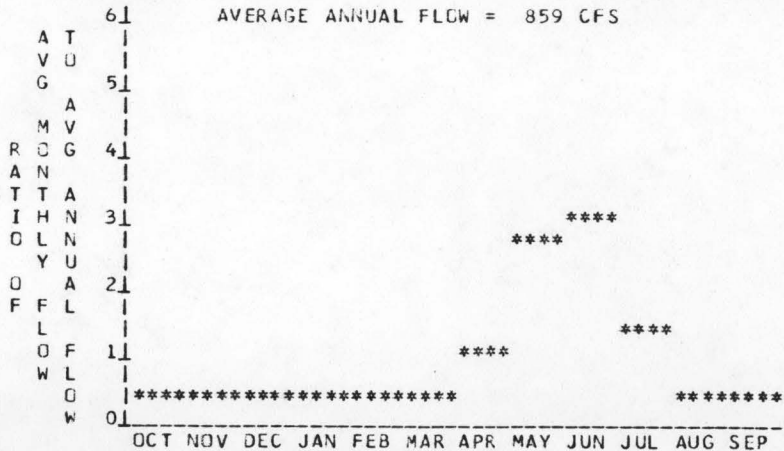
A. UPSTREAM ELEVATION OF REACH 3765 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3710 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 55 FT.
 D. AVERAGE SLOPE IN REACH 19.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 469 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	220	1.03	8.99	1.00
80	274	1.28	10.93	0.97
50	383	1.79	13.81	0.88
30	686	3.20	18.76	0.67
10	2321	10.82	32.11	0.34

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 859 CFS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016018CR0009

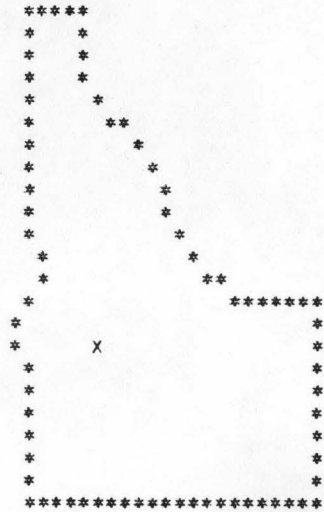
I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 8E
 D. LATITUDE, LONGITUDE 44 5 115 30
 E. STREAM NAME SQ FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 24.9 TO 36.9

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE

MAP NAME CHALLIS



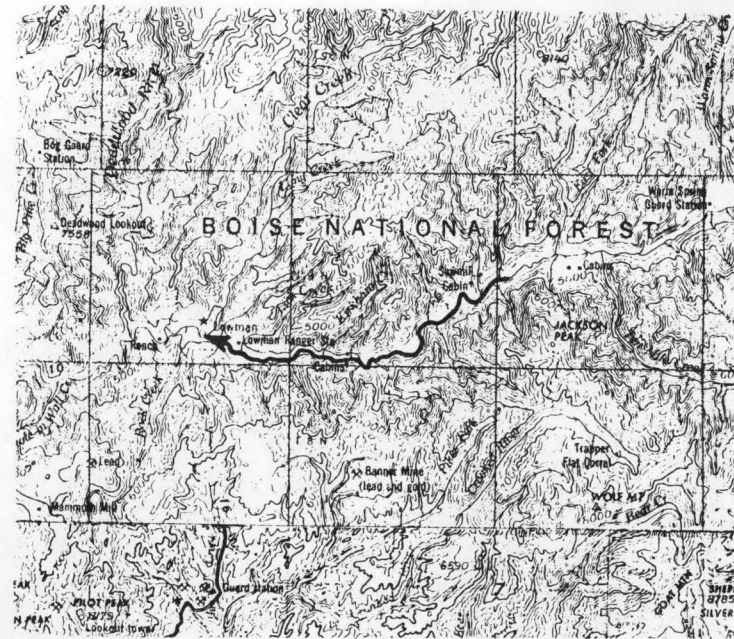
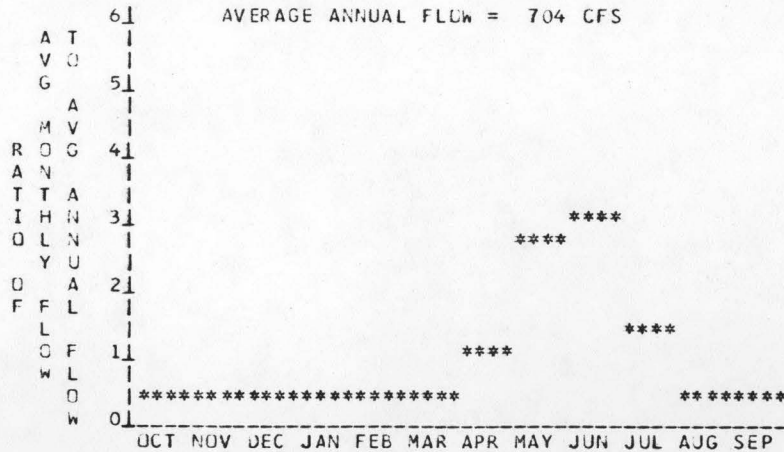
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4245 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3765 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 480 FT.
 D. AVERAGE SLOPE IN REACH 40.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 392 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	181	7.40	64.69	1.00
80	227	9.25	78.85	0.97
50	313	12.77	98.92	0.88
30	551	22.45	132.85	0.68
10	1916	77.94	230.06	0.34

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016C130R0011

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 9E
 D. LATITUDE, LONGITUDE 44 7 115 22
 E. STREAM NAME SU FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 36.9 TO 45.2

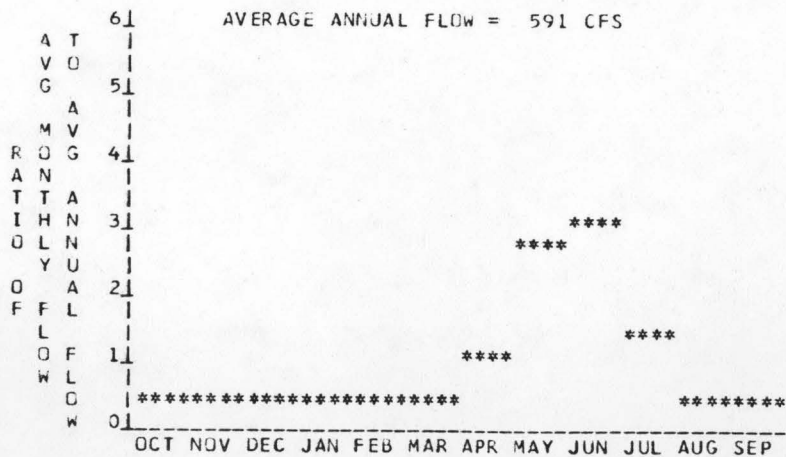
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4245 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 355 FT.
 D. AVERAGE SLOPE IN REACH 42.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 328 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

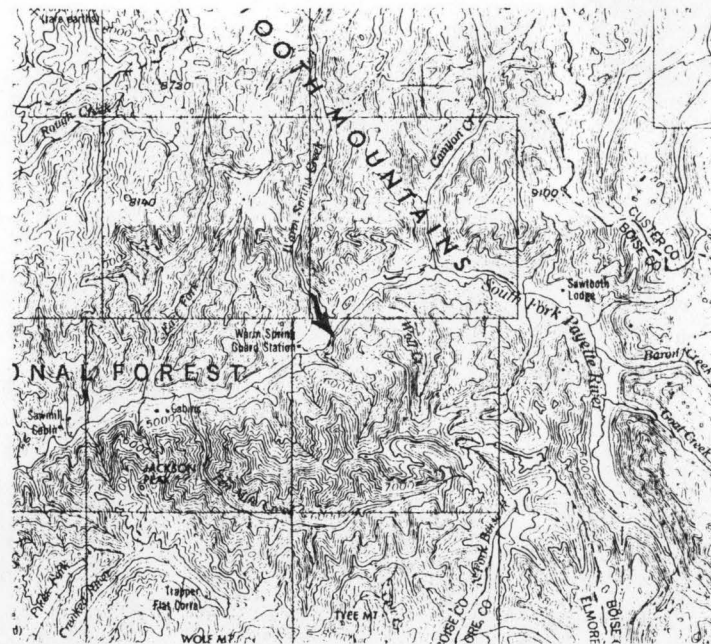
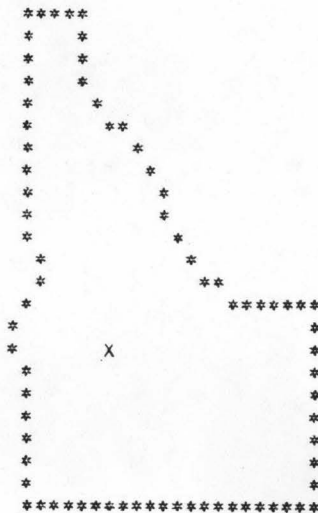
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	153	4.62	40.39	1.00
80	192	5.78	49.30	0.97
50	263	7.92	61.46	0.89
30	455	13.71	81.75	0.68
10	1618	48.68	143.02	0.34

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160180R0013

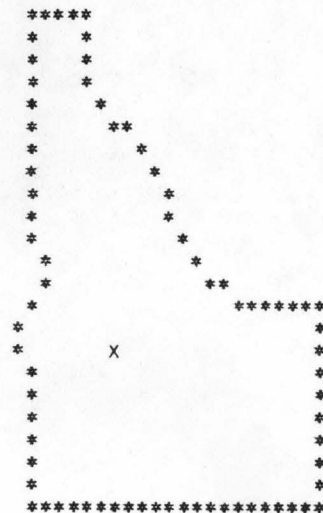
I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T10N R10E
 D. LATITUDE, LONGITUDE 44 10 115 15
 E. STREAM NAME SO FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 45.2 TO 52.3

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS



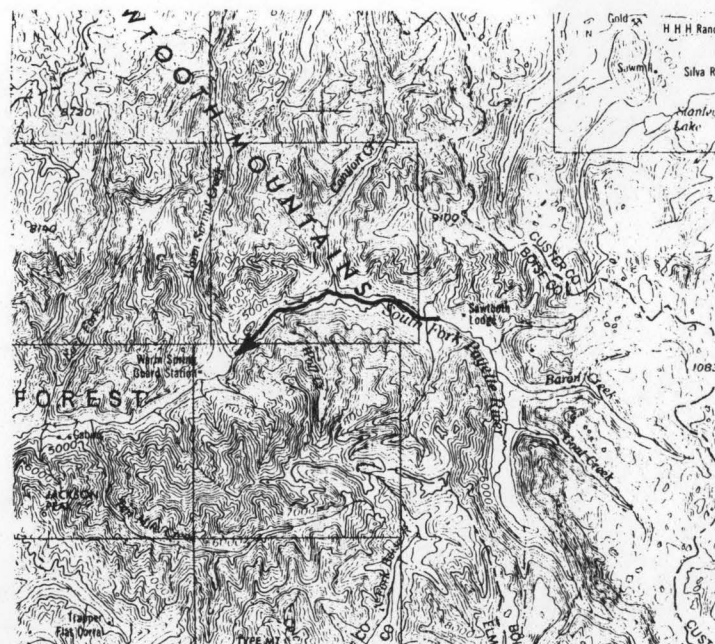
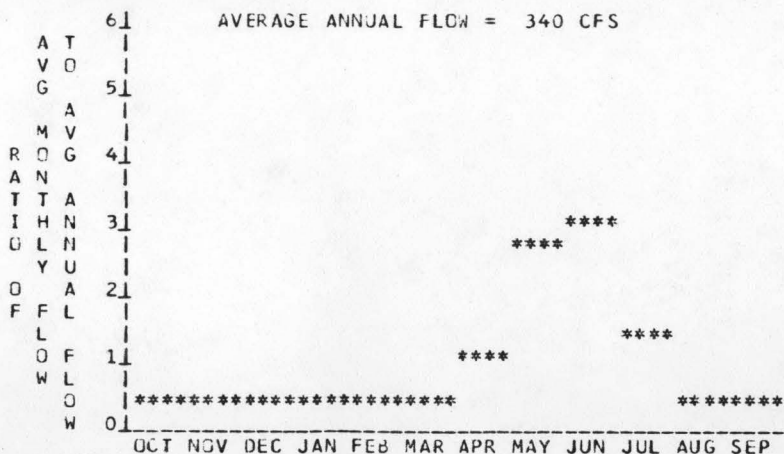
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4990 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4600 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 390 FT.
 D. AVERAGE SLOPE IN REACH 54.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 182 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWh	PLANT FACTOR
95	89	2.97	26.00	1.00
80	113	3.74	31.89	0.97
50	150	4.99	38.98	0.89
30	248	8.22	50.31	0.70
10	949	31.39	90.90	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160180R0015

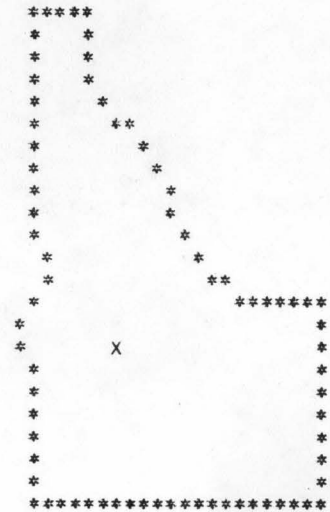
I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R11E
 D. LATITUDE, LONGITUDE 44 7 115 9
 E. STREAM NAME SU FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 52.3 TO 58.7

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE

MAP NAME CHALLIS



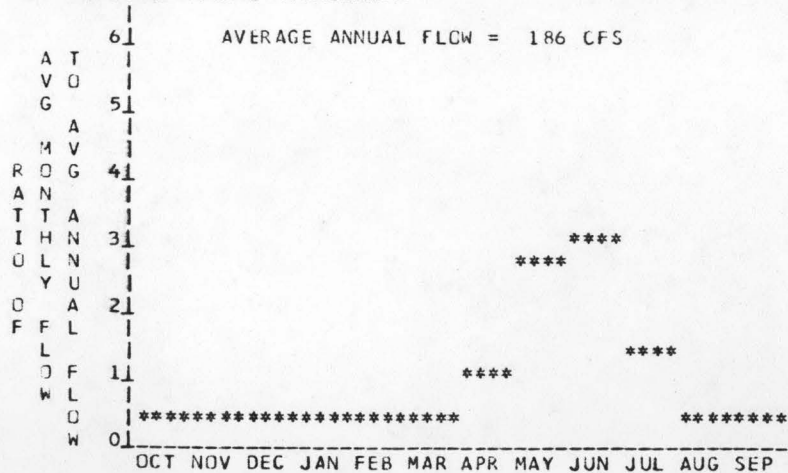
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5275 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4990 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 285 FT.
 D. AVERAGE SLOPE IN REACH 44.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 108 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	50	1.49	13.04	1.00
80	63	1.89	16.07	0.97
50	82	2.44	19.23	0.90
30	128	3.81	24.04	0.72
10	530	15.77	44.98	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160180R0C31

I LOCATION

A. STATE IDAHO
 B. COUNTY BUISE
 C. TOWNSHIP, RANGE T10N R07E
 D. LATITUDE, LONGITUDE 44 7 115 37
 E. STREAM NAME DEADWOOD RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 0.0 TO 13.9

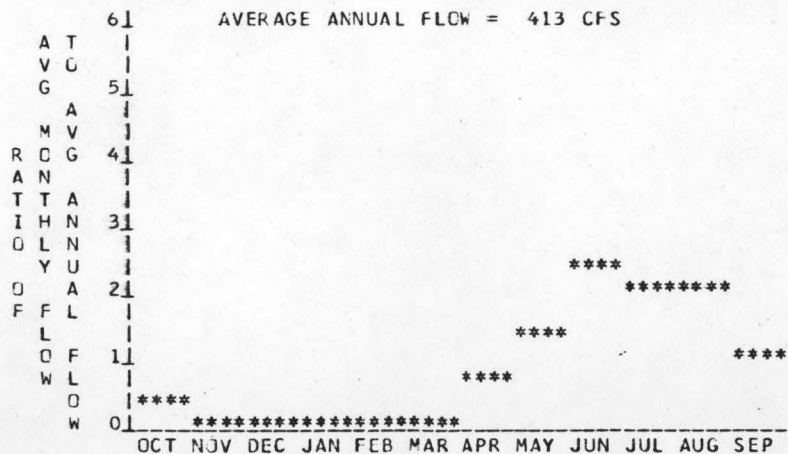
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4760 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3720 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1040 FT.
 D. AVERAGE SLOPE IN REACH 74.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 237 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

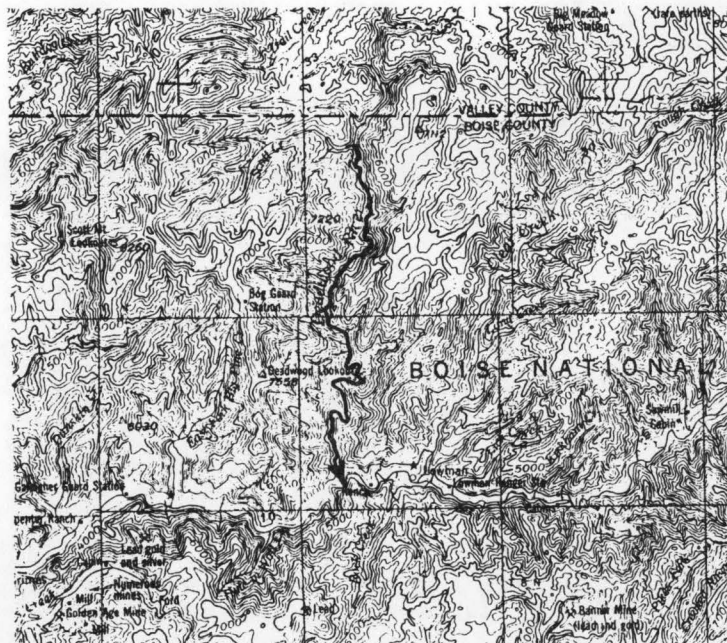
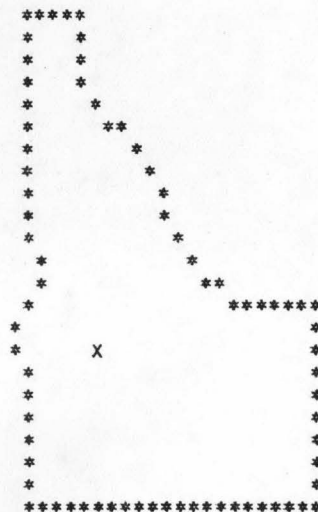
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	49	4.32	37.66	1.00
80	70	6.17	51.84	0.96
50	225	19.83	129.63	0.75
30	600	52.88	245.44	0.53
10	1100	96.95	322.65	0.38

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024016018CR0032

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY, BOISE
 C. TOWNSHIP, RANGE T11N R07E
 D. LATITUDE, LONGITUDE 44 15 115 37
 E. STREAM NAME DEADWOOD RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 13.9 TO 20.2

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS

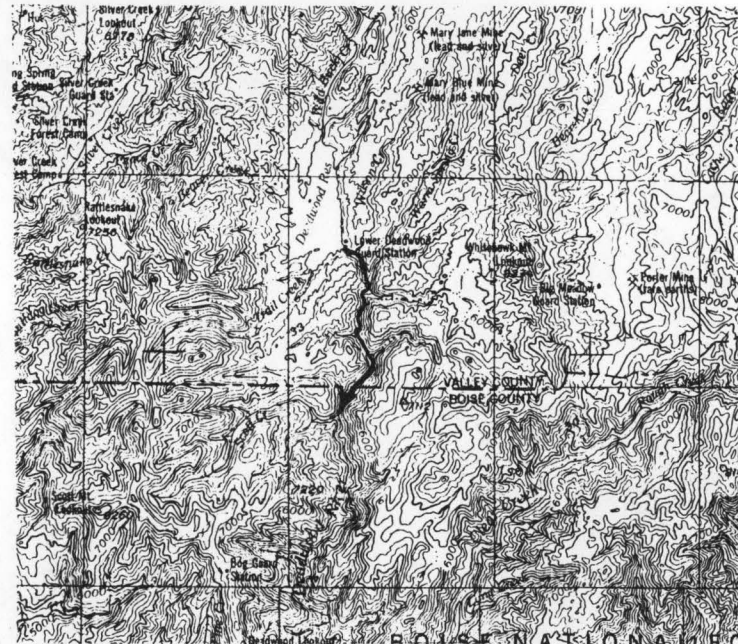
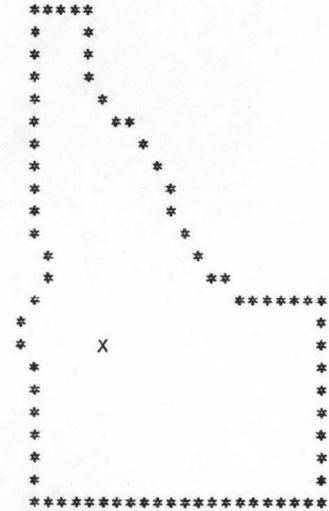
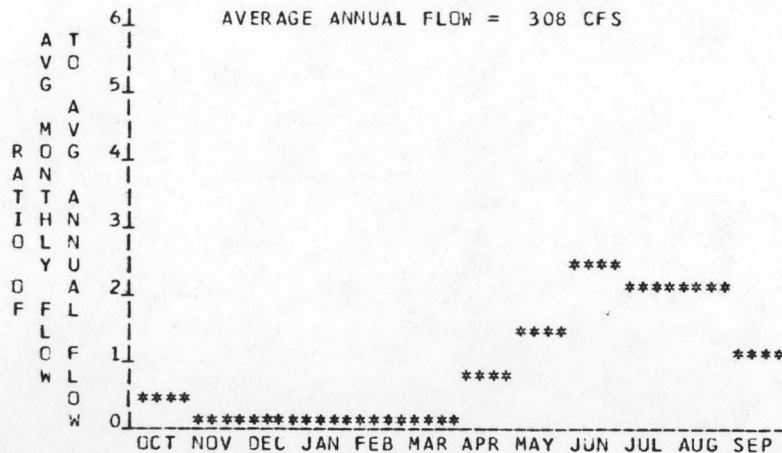
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5160 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4760 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 400 FT.
 D. AVERAGE SLOPE IN REACH 63.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 190 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	19	0.64	5.61	0.99
80	25	0.85	7.17	0.97
50	100	3.39	21.65	0.73
30	450	15.25	63.22	0.47
10	900	30.51	89.95	0.34

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160180R0035

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T12N R 7E
 D. LATITUDE, LONGITUDE 44 7 115 40
 E. STREAM NAME DEADWOOD RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 24.1 TO 28.9

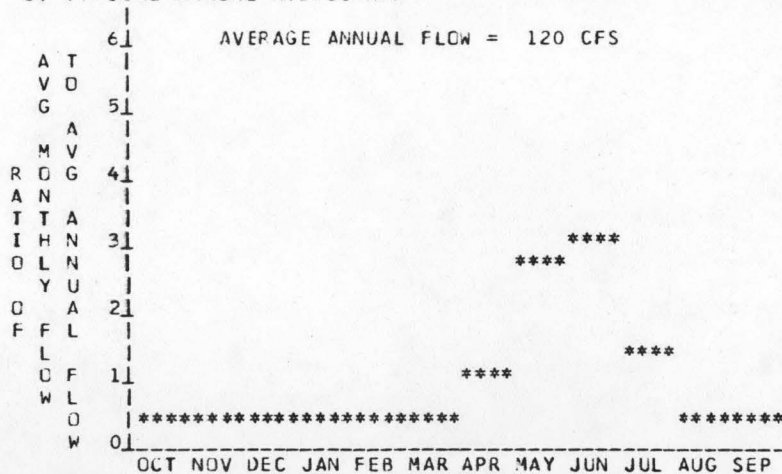
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5455 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5315 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 140 FT.
 D. AVERAGE SLOPE IN REACH 29.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 75 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

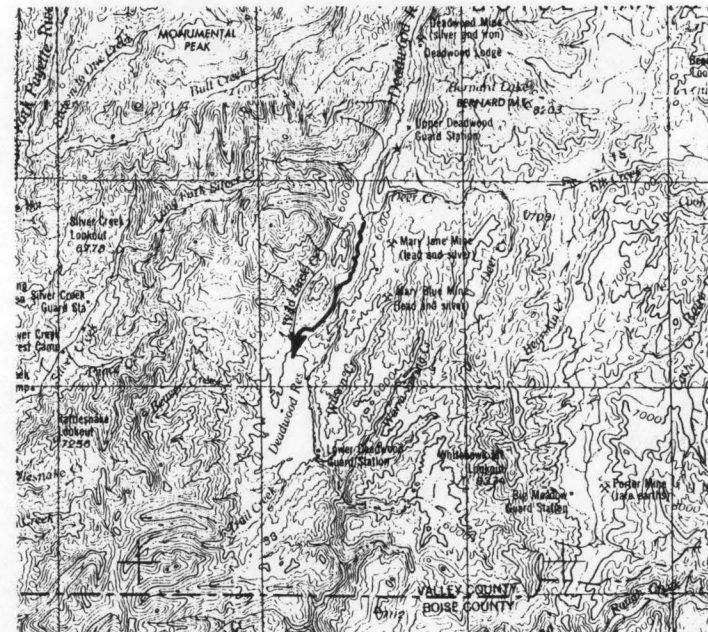
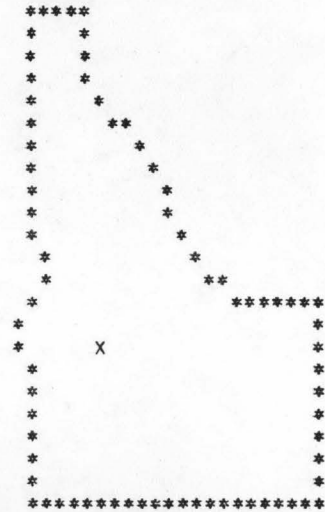
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	32	0.58	5.03	1.00
80	41	0.73	6.22	0.97
50	53	0.93	7.33	0.90
30	79	1.39	8.96	0.74
10	348	6.09	17.20	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

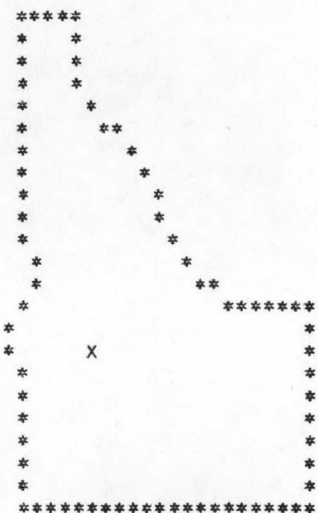
REACH NUMBER 0350024016C180R0041

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 9N R 7E
 D. LATITUDE, LONGITUDE 44 8 115 35
 E. STREAM NAME CLEAR CREEK
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 0.0 TO 2.3

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME CHALLIS



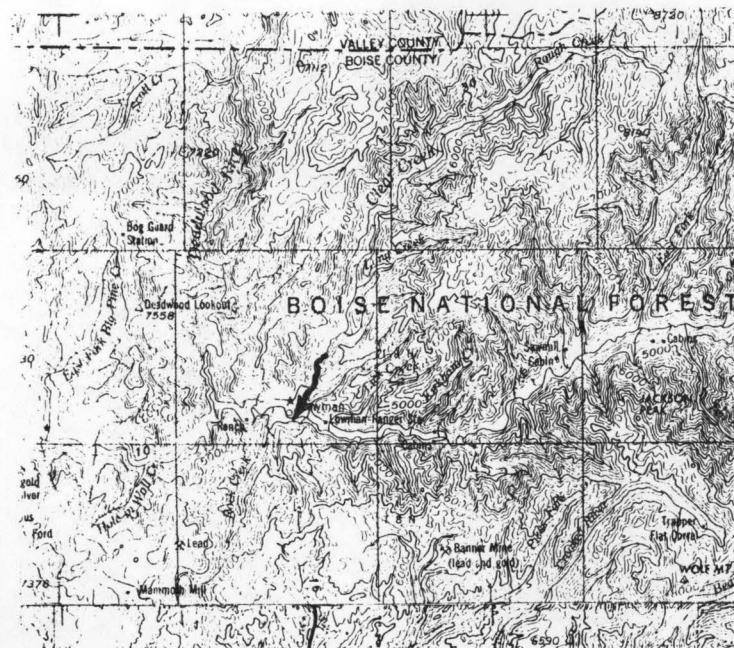
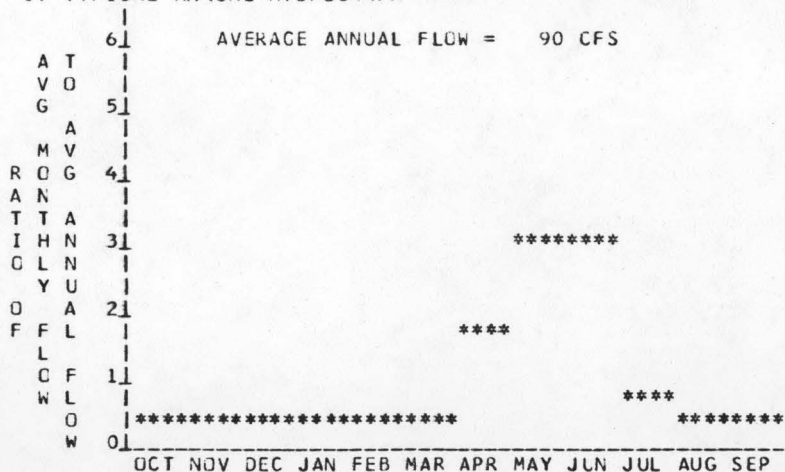
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4135 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3800 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 335 FT.
 D. AVERAGE SLOPE IN REACH 145.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 58 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.84	7.38	1.00
80	31	1.08	9.16	0.97
50	39	1.34	10.68	0.91
30	57	1.97	12.86	0.75
10	263	8.94	25.09	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

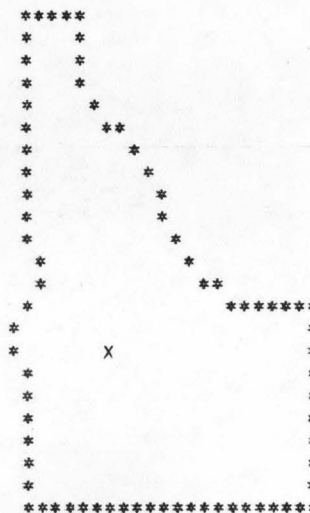
REACH NUMBER 0350024016C180R0C51

I LOCATION

A. STATE	IDAHO
B. COUNTY	BOISE
C. TOWNSHIP, RANGE	T10N R 9E
D. LATITUDE, LONGITUDE	44 11 115 20
E. STREAM NAME	WARM SPRING CREEK
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	0.0 TO 0.4

LOCATION MAPS

U.S. TOPD SERIES
1:250000
SCALE
MAP NAME
CHALLIS



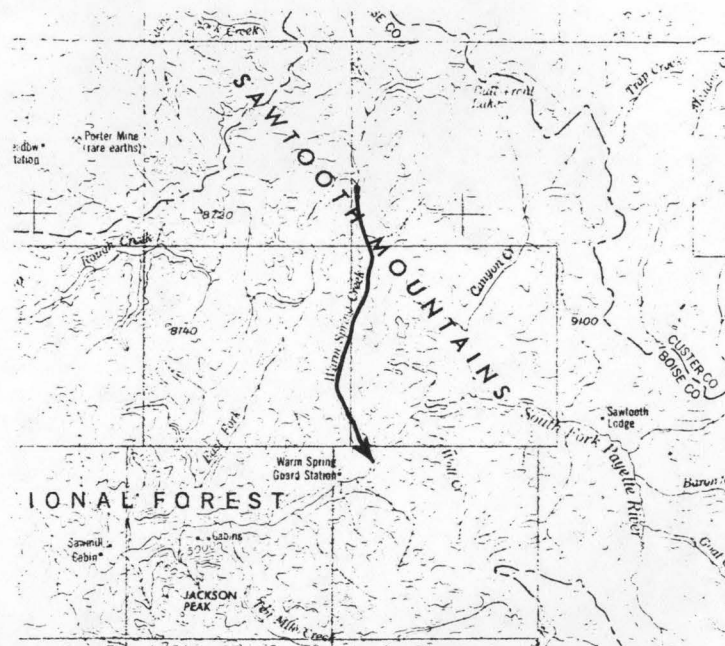
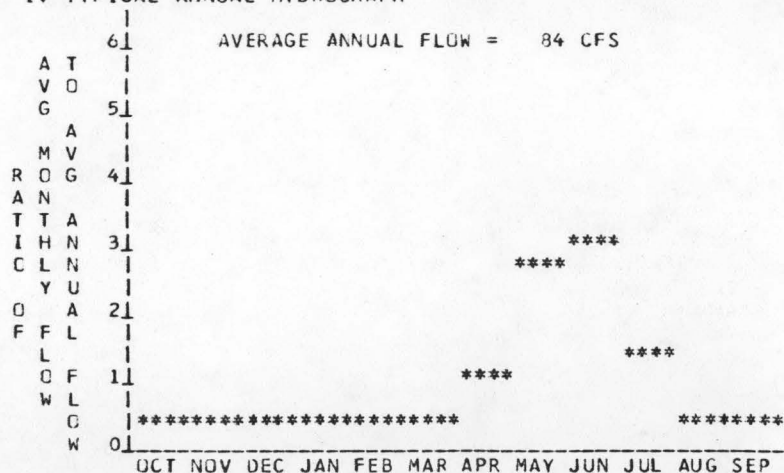
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4625 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4600 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	25 FT.
D. AVERAGE SLOPE IN REACH	62.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	57 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.18	1.56	1.00
80	29	0.23	1.94	0.97
50	36	0.28	2.26	0.91
30	53	0.41	2.71	0.75
10	245	1.90	5.31	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240160200R0021

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE, VALLEY
 C. TOWNSHIP, RANGE T10N R 4E
 D. LATITUDE, LONGITUDE 44 11 115 57
 E. STREAM NAME MID FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 0.0 TO 16.6

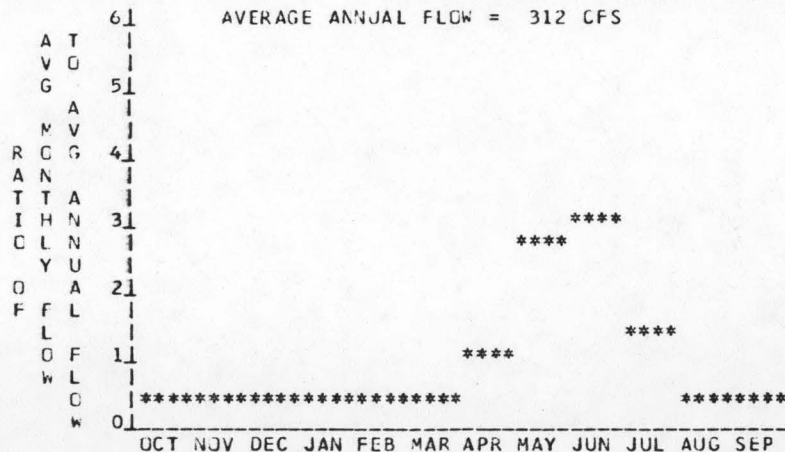
II HYDROLOGIC AND HYDPAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3680 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3000 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 680 FT.
 D. AVERAGE SLOPE IN REACH 41.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 338 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

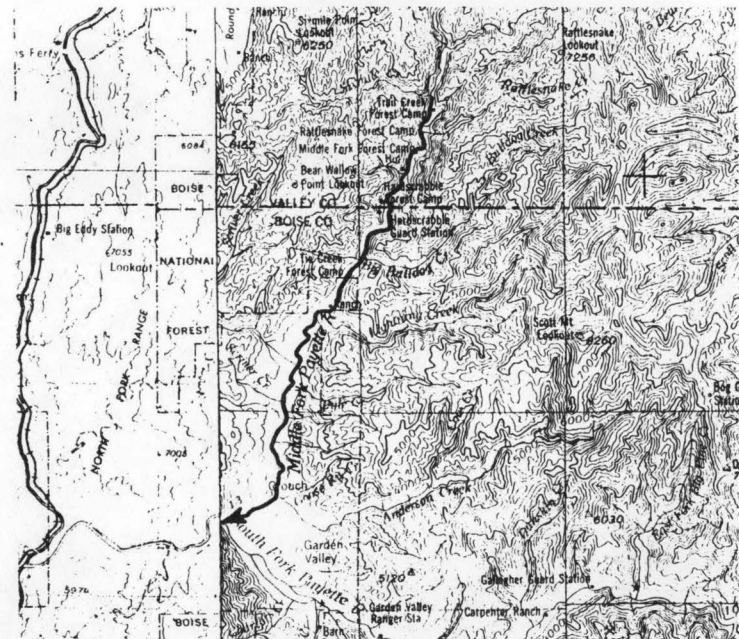
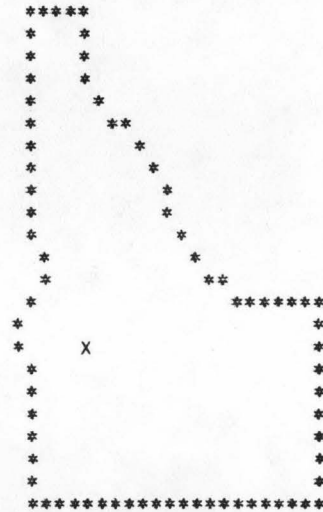
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	82	4.76	41.65	1.00
80	104	6.00	51.12	C.97
50	138	7.96	62.30	C.89
30	225	13.02	80.02	C.70
10	872	50.30	145.33	C.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002401602COR0023

I LOCATION

A. STATE	IDAHO
B. COUNTY	VALLEY
C. TOWNSHIP, RANGE	T12N R 5E
D. LATITUDE, LONGITUDE	44 21 115 50
E. STREAM NAME	MID FK PAYETTE RIVER
F. MAJOR BASIN NAME	PAYETTE RIVER
G. RIVER MILE	16.6 TO 28.7

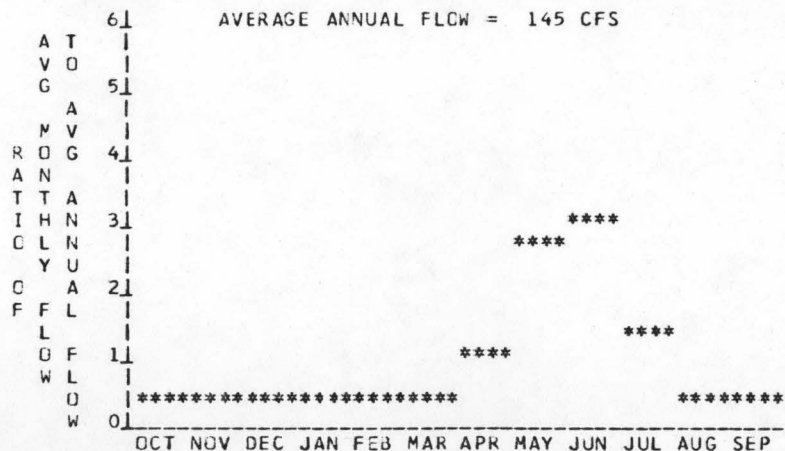
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4360 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3680 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	680 FT.
D. AVERAGE SLOPE IN REACH	56.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	154 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

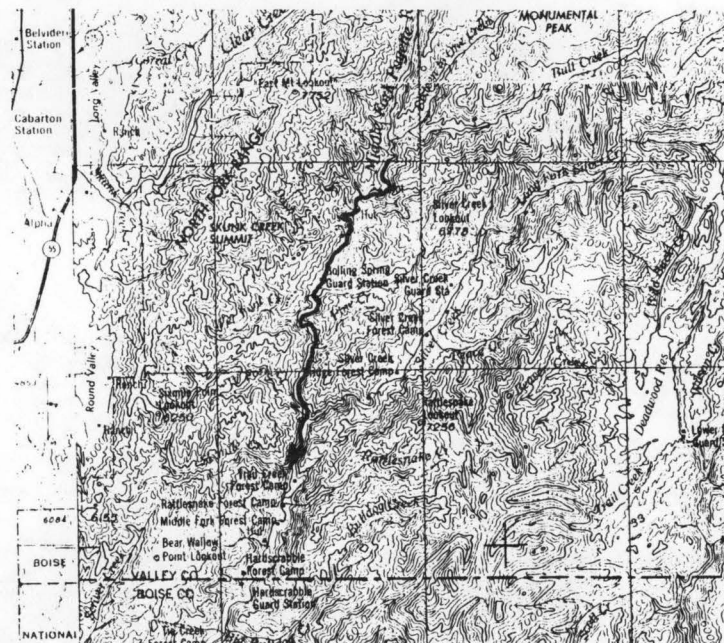
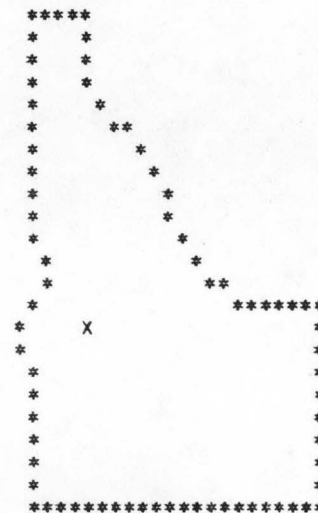
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mh	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	2.28	19.92	1.00
80	50	2.89	24.61	0.97
50	64	3.70	29.20	0.90
30	97	5.65	36.04	0.73
10	418	24.11	68.39	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
CHALLIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035024016C200R0025

I LOCATION

A. STATE IDAHO
 B. COUNTY VALLEY
 C. TOWNSHIP, RANGE T13N R 5E
 D. LATITUDE, LONGITUDE 44 27 115 46
 E. STREAM NAME MID FK PAYETTE RIVER
 F. MAJOR BASIN NAME PAYETTE RIVER
 G. RIVER MILE 28.7 TO 29.3

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 CHALLIS

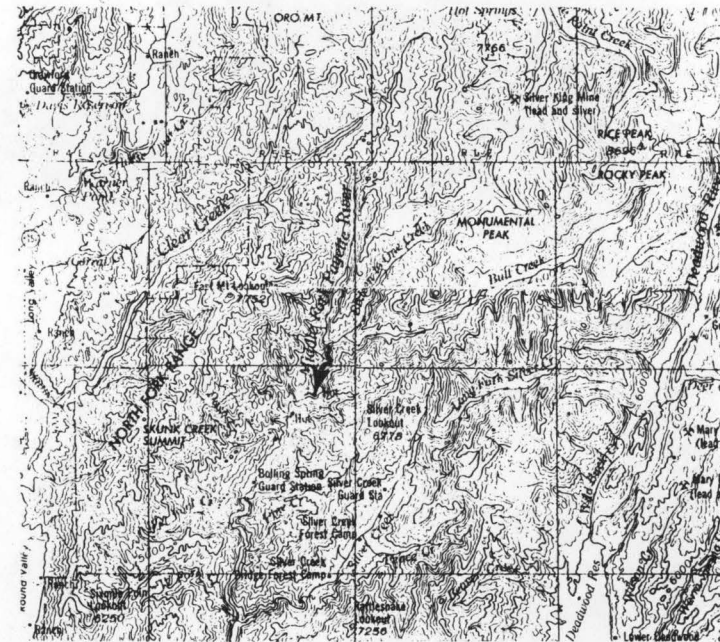
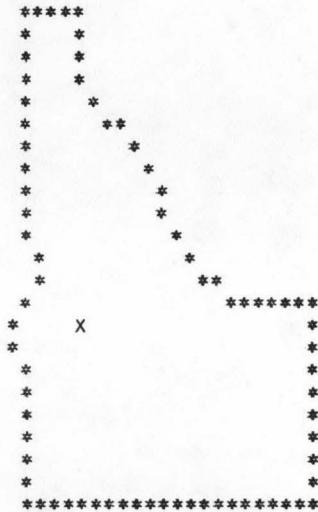
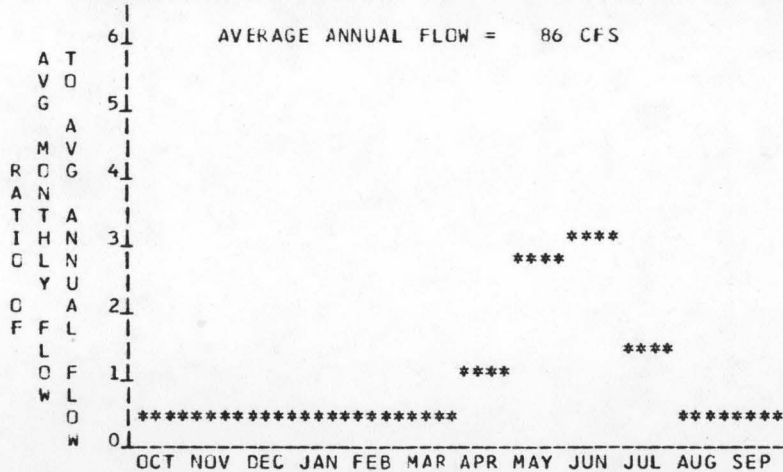
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4395 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4360 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 35 FT.
 D. AVERAGE SLOPE IN REACH 58.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 62 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.20	1.78	1.00
80	30	0.26	2.21	0.97
50	37	0.32	2.57	0.91
30	55	0.47	3.09	0.75
10	252	2.16	6.05	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024022000CR0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	CANYON
C. TOWNSHIP, RANGE	T 5N R 5W
D. LATITUDE, LONGITUDE	43 45 116 55
E. STREAM NAME	BOISE RIVER
F. MAJOR BASIN NAME	BOISE RIVER
G. RIVER MILE	0.0 TO 9.3

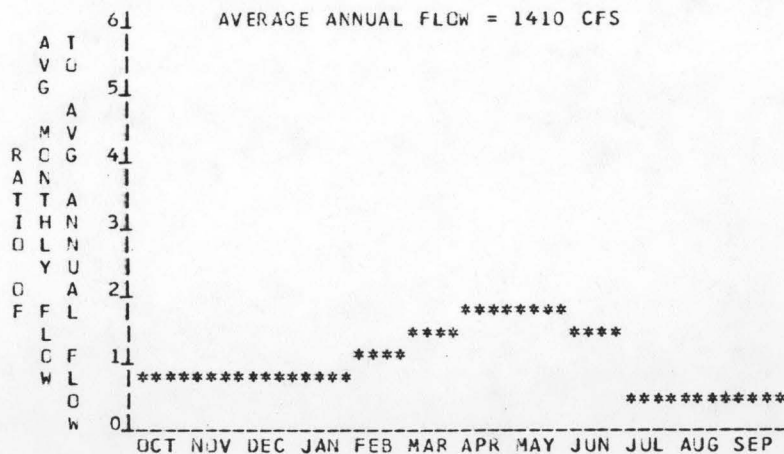
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2250 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2185 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	65 FT.
D. AVERAGE SLOPE IN REACH	7.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	4035 SQ. MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

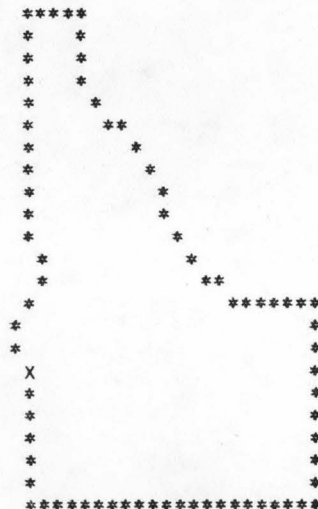
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	465	2.56	22.12	0.99
80	641	3.53	29.55	0.96
50	874	4.81	36.36	0.87
30	1097	6.04	41.16	0.78
10	3517	19.37	64.52	0.38

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. GEOLOGICAL SURVEY
 1:250000
 SCALE
 MAP NAME
 BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024027000CR0002

I LOCATION

A. STATE IDAHO
 B. COUNTY CANYON
 C. TOWNSHIP, RANGE T 5N R 4W
 D. LATITUDE, LONGITUDE 43 45 116 48
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 9.3 TO 18.9

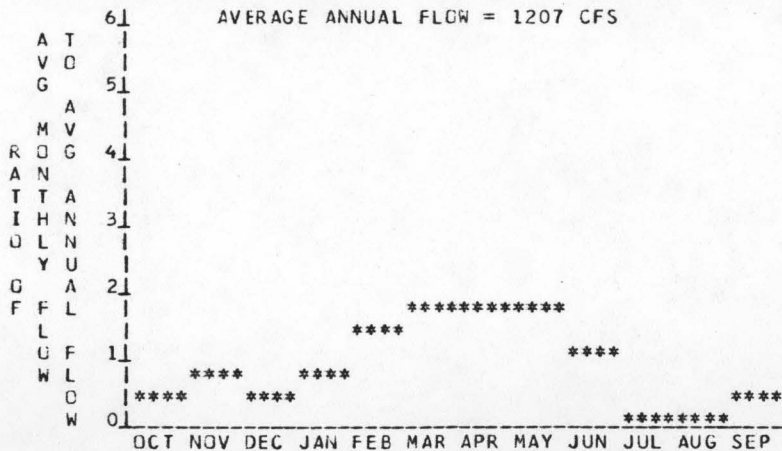
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2320 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2250 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 70 FT.
 D. AVERAGE SLOPE IN REACH 7.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3968 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

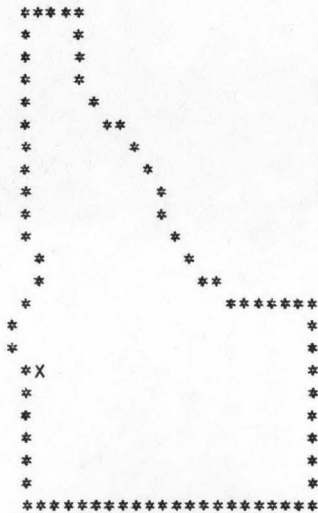
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	243	1.44	12.51	0.99
80	440	2.61	21.46	0.94
50	693	4.11	30.01	0.83
30	907	5.38	34.46	0.73
10	3299	19.57	59.32	0.35

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME BOISE



REACH HYDRG-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402200C003

I LOCATION

A. STATE IDAHO
 B. COUNTY CANYON
 C. TOWNSHIP, RANGE T 4N R 3W
 D. LATITUDE, LONGITUDE 43 40 116 40
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 18.9 TO 29.4

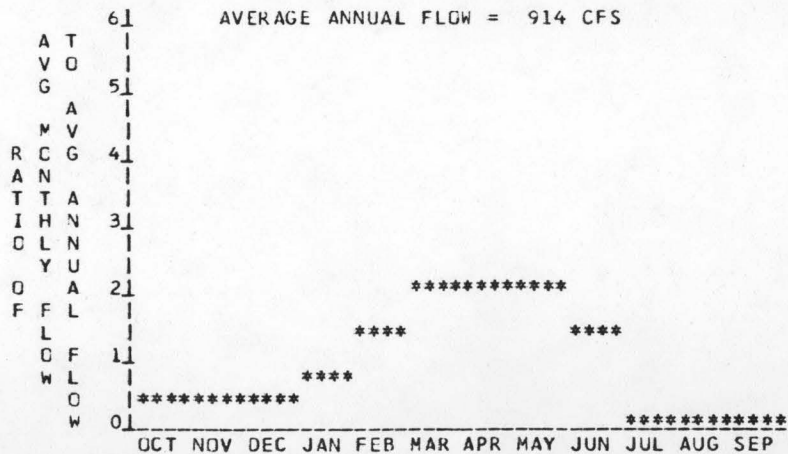
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2430 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2320 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 110 FT.
 D. AVERAGE SLOPE IN REACH 10.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3818 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	43	0.40	3.44	0.98
80	143	1.33	10.59	0.91
50	402	3.75	24.34	0.74
30	608	5.67	31.07	0.63
10	2873	26.78	68.06	0.29

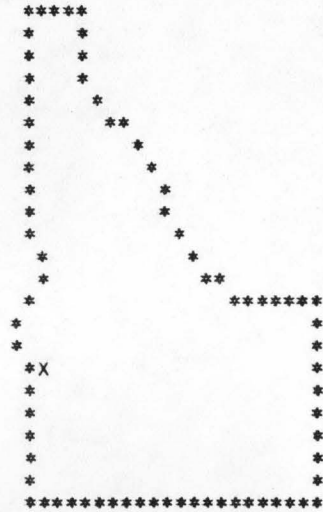
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024022000CR0004

I LOCATION

A. STATE IDAHO
 B. COUNTY CANYON, ADA
 C. TOWNSHIP, RANGE T 4N R 1W
 D. LATITUDE, LONGITUDE 43 42 116 30
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 29.4 TO 37.9

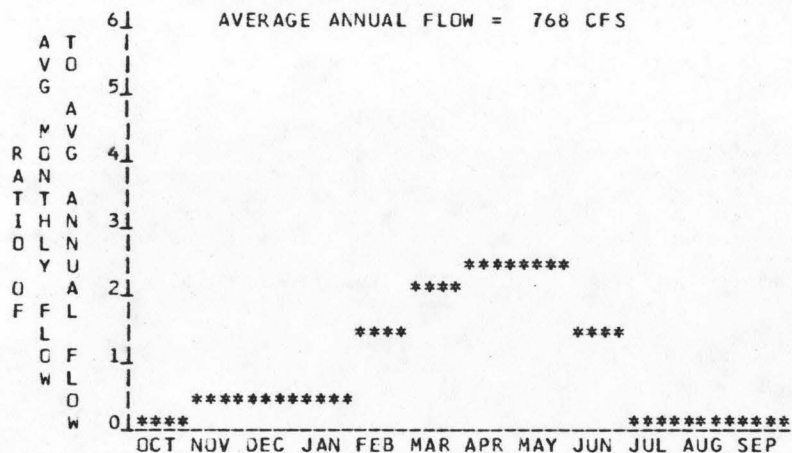
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2500 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2430 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 70 FT.
 D. AVERAGE SLOPE IN REACH 8.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3655 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

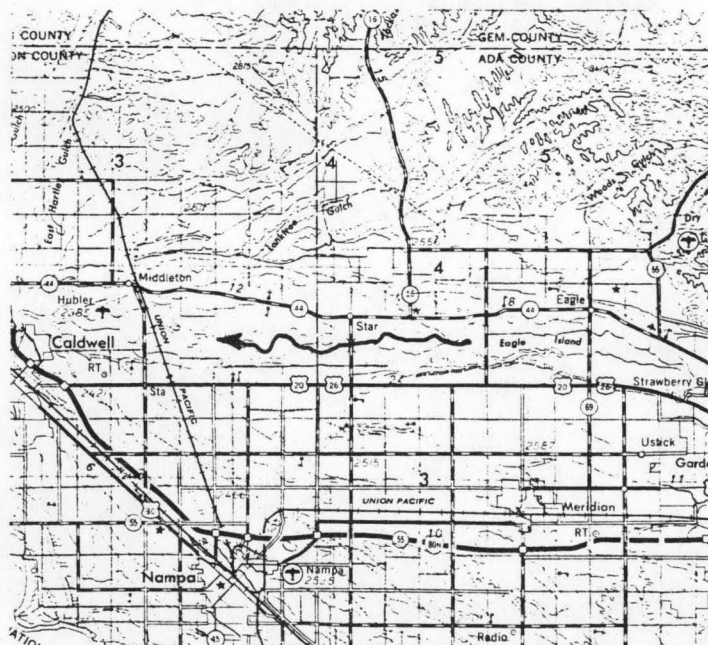
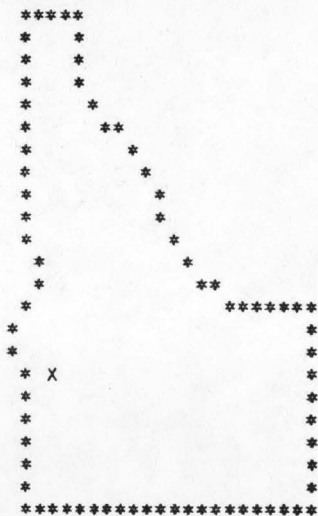
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	44	0.26	2.24	0.98
80	107	0.63	5.10	0.92
50	203	1.20	8.34	0.79
30	333	1.98	11.05	0.64
10	2806	16.65	36.75	0.25

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220000R0C05

I LOCATION

A. STATE IDAHO
 B. COUNTY ADA
 C. TOWNSHIP, RANGE T 4N R 1E
 D. LATITUDE, LONGITUDE 43 40 116 20
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 37.9 TO 45.9

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE

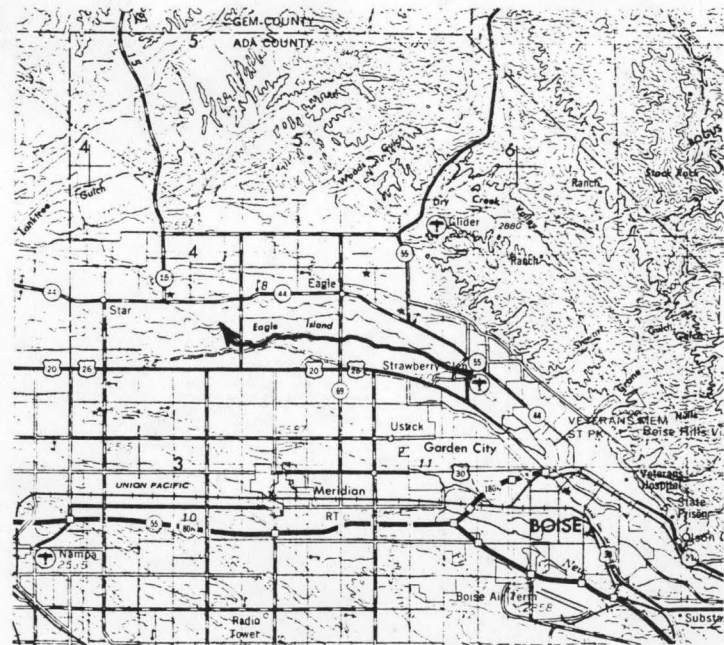
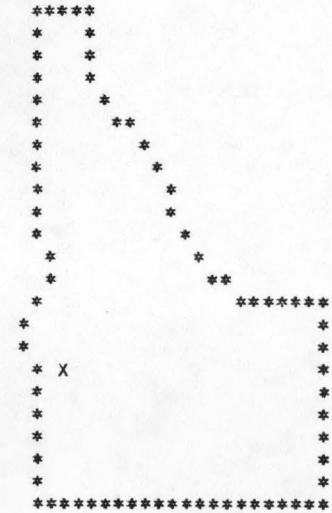
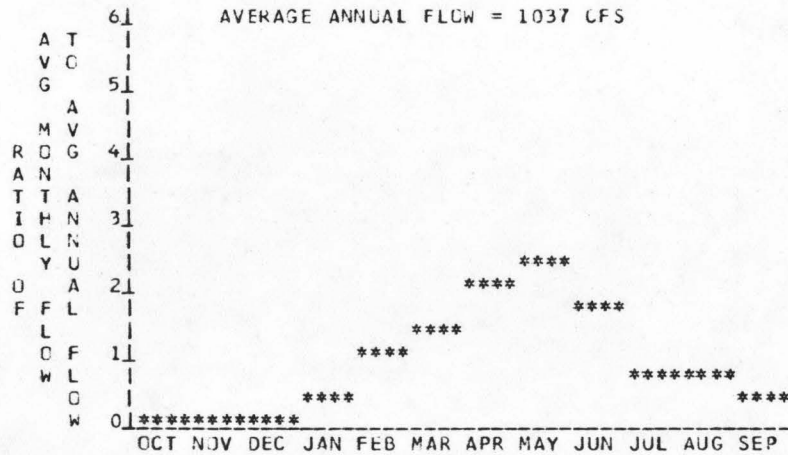
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2620 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2500 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 120 FT.
 D. AVERAGE SLOPE IN REACH 15.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3422 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	43	0.44	3.80	0.99
80	171	1.74	13.78	0.90
50	486	4.94	32.02	0.74
30	845	8.59	44.81	0.60
10	3191	32.45	86.61	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402200J0R0CC6

I LOCATION

A. STATE	IDAHO
B. COUNTY	ADA
C. TOWNSHIP, RANGE	T 3N R 2E
D. LATITUDE, LONGITUDE	43 35 116 13
E. STREAM NAME	BOISE RIVER
F. MAJOR BASIN NAME	BOISE RIVER
G. RIVER MILE	45.9 TO 54.5

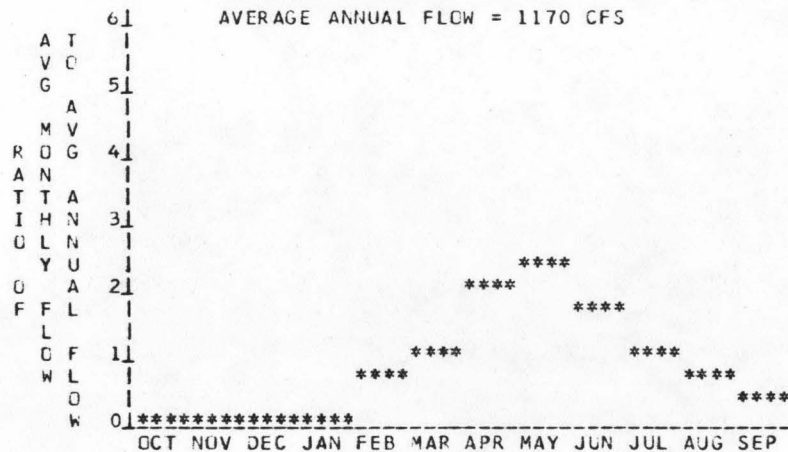
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2730 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2620 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	110 FT.
D. AVERAGE SLOPE IN REACH	12.8 FT./MI.
F. DRAINAGE AREA ABOVE REACH MOUTH	3183 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

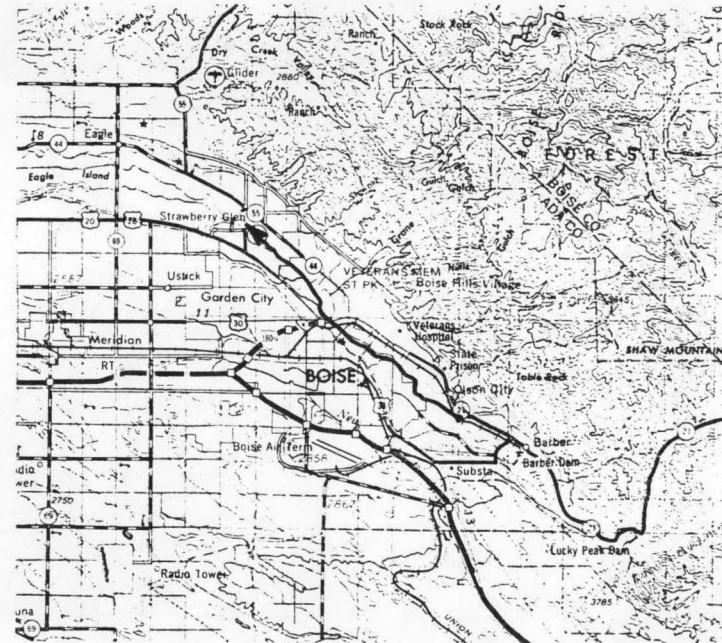
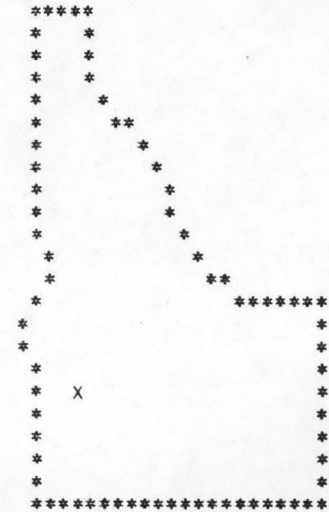
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8	0.07	0.65	0.99
80	133	1.24	9.58	0.88
50	664	6.19	37.76	0.70
30	1218	11.35	55.86	0.56
10	3348	31.21	90.65	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
BOISE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J35G02402200CCRC0C7

I LOCATION

A. STATE IDAHO
 B. COUNTY ADA
 C. TOWNSHIP, RANGE T 2N R 3E
 D. LATITUDE, LONGITUDE 43 30 116 6
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 54.5 TO 61.3

LOCATION MAPS

U.S. TOPD SERIES
 1:250000
 SCALE
 MAP NAME
 BOISE

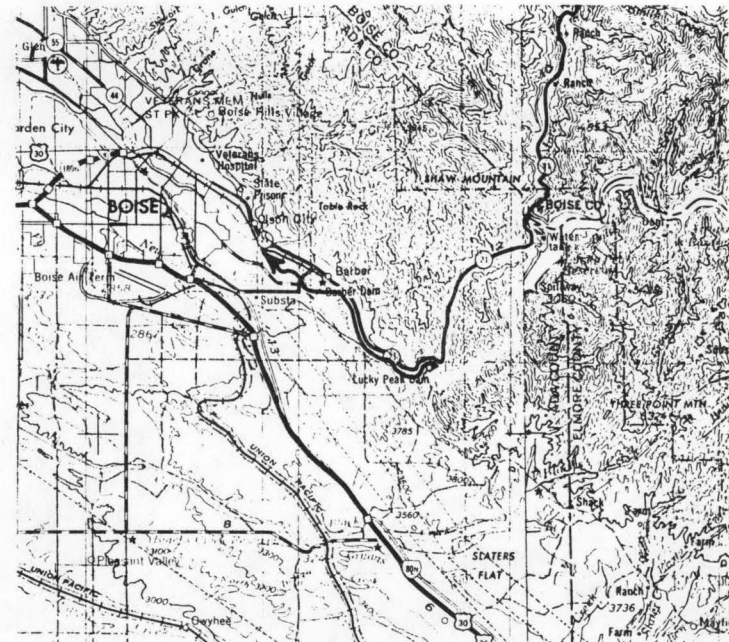
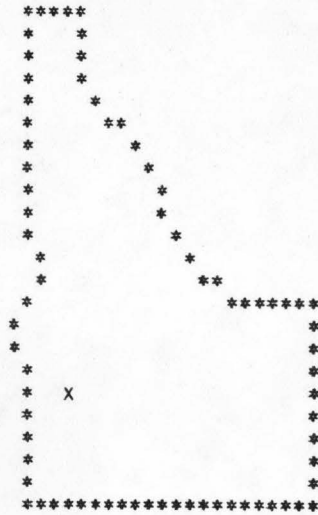
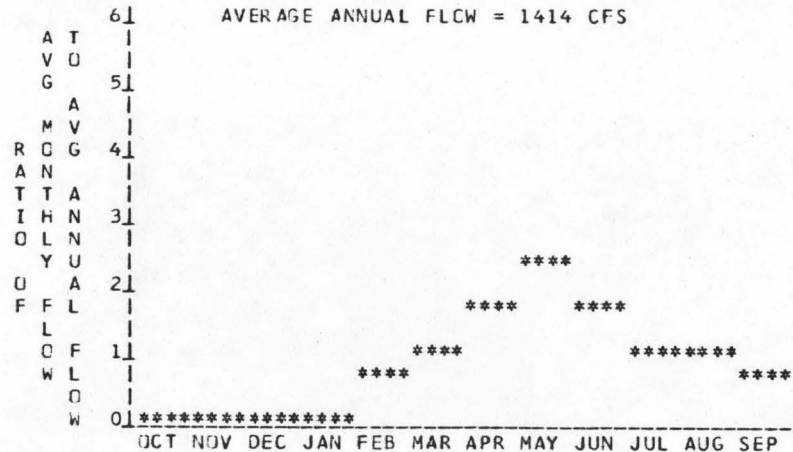
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 2800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2730 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 70 FT.
 D. AVERAGE SLOPE IN REACH 10.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2966 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	113	0.67	5.86	1.00
80	217	1.29	10.58	0.94
50	1099	6.52	40.38	0.71
30	1812	10.75	55.20	0.59
10	4132	24.51	79.31	0.37

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C220000R0C13

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE, ELMORE
 C. TOWNSHIP, RANGE T 4N R 7E
 D. LATITUDE, LONGITUDE 43 41 115 40
 E. STREAM NAME BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 87.7 TO 97.0

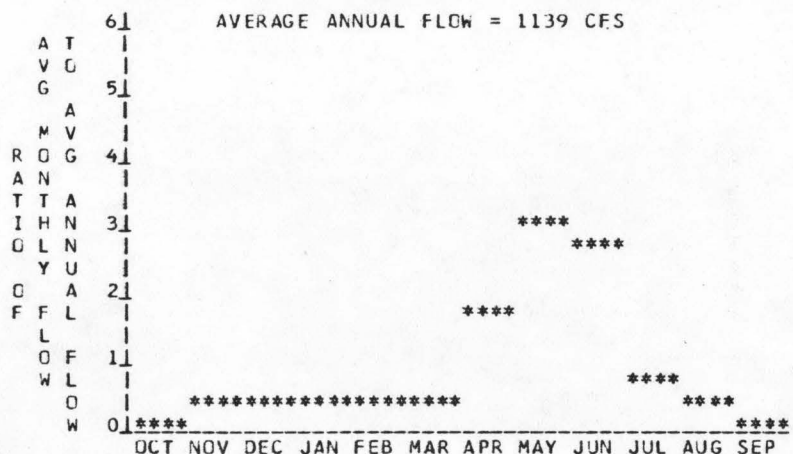
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3475 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3220 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 255 FT.
 D. AVERAGE SLOPE IN REACH 27.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 830 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	210	4.56	39.79	1.00
80	323	6.98	58.38	0.95
50	530	11.46	83.88	0.84
30	959	20.74	116.40	0.64
10	3477	75.14	211.71	0.32

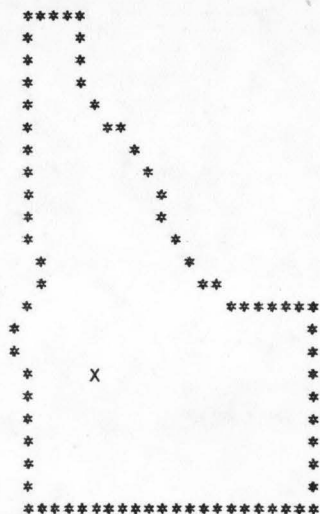
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TGPU SERIES
 1:250000
 SCALE

MAP NAME
 HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

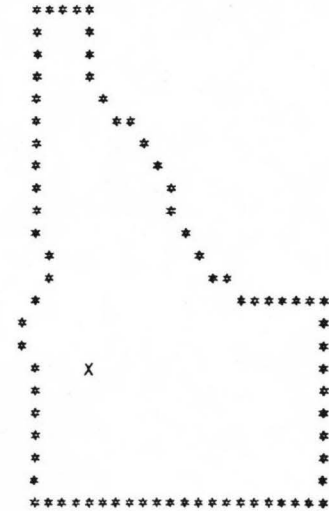
REACH NUMBER 0350024022003CROCC01

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 4N R 4E
 D. LATITUDE, LONGITUDE 43 40 115 58
 E. STREAM NAME MCRES CREEK
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 4.6 TO 12.8

LOCATION MAPS

U.S. TOPC SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



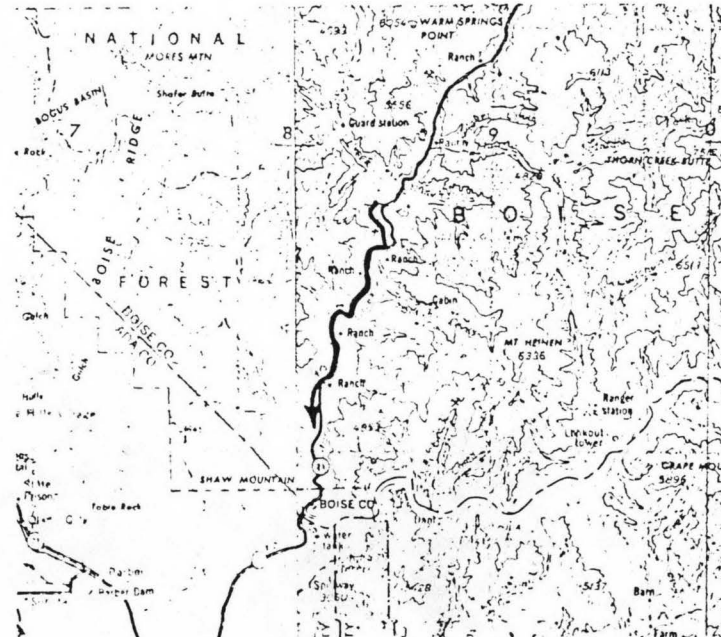
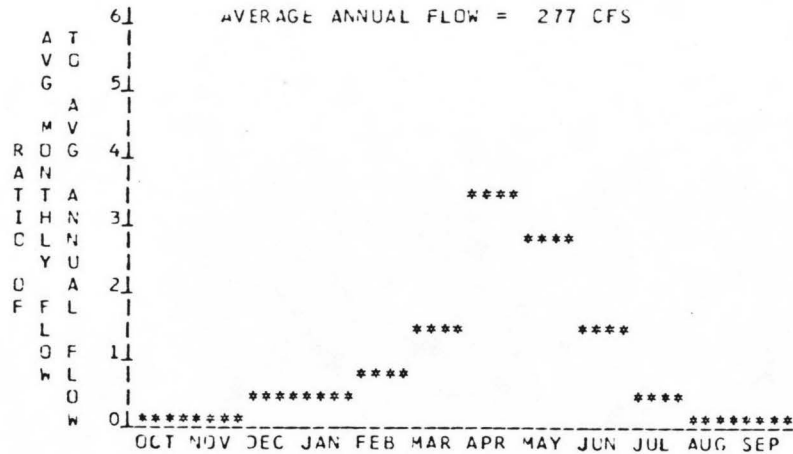
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3315 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3072 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 243 FT.
 D. AVERAGE SLOPE IN REACH 29.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 400 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III PEACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	40	0.83	7.26	1.00
80	65	1.35	11.22	0.95
50	113	2.34	16.87	0.82
30	211	4.36	23.94	0.63
10	223	16.95	46.00	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

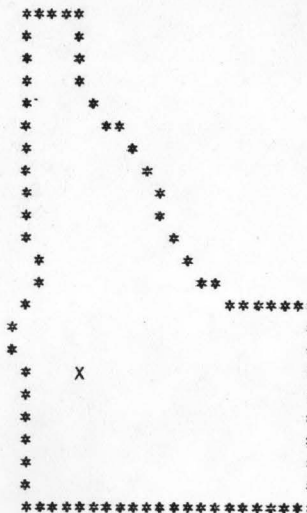
REACH NUMBER 0350024022C03CROCO3

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 5N R 5E
 D. LATITUDE, LONGITUDE 43 47 115 53
 E. STREAM NAME MORES CREEK
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 12.8 TO 19.6

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



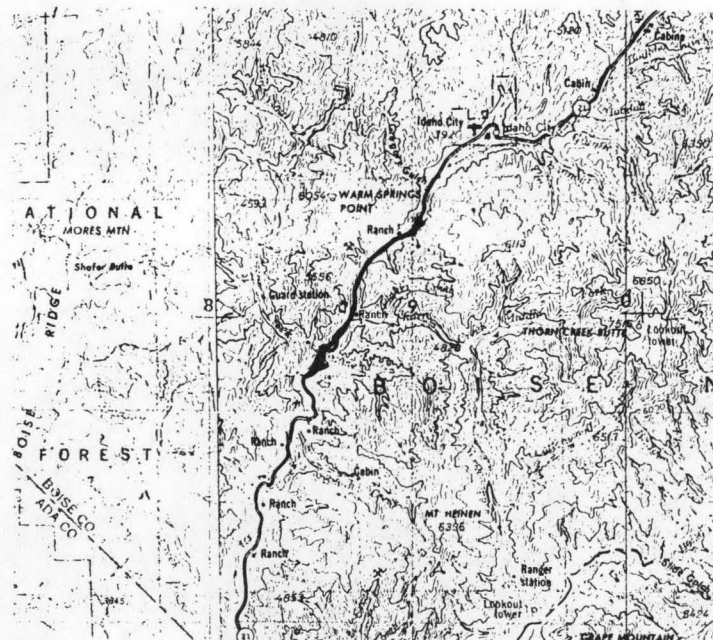
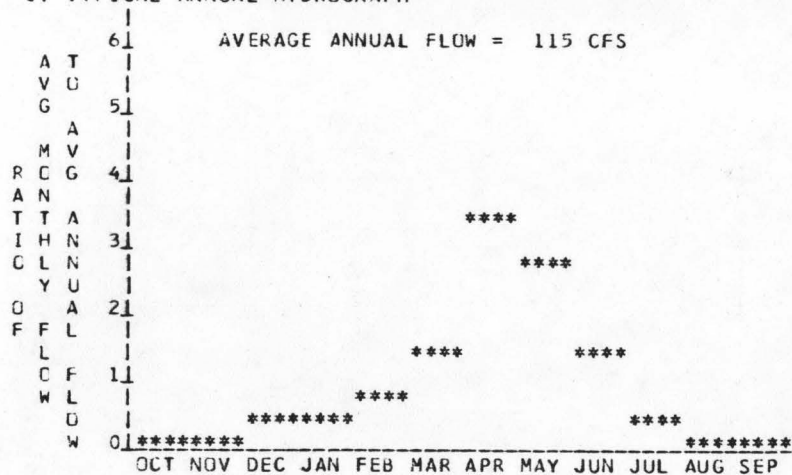
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3740 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3315 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 425 FT.
 D. AVERAGE SLOPE IN REACH 62.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 162 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.60	5.26	1.00
80	24	1.01	8.39	0.95
50	43	1.82	12.99	0.82
30	82	3.45	18.70	0.62
10	336	14.01	37.20	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

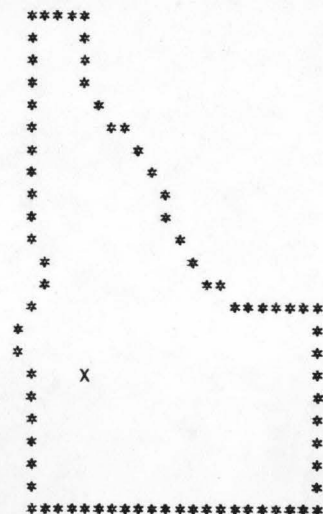
REACH NUMBER 0350024022003OROC07

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE
 C. TOWNSHIP, RANGE T 5N R 4E
 D. LATITUDE, LONGITUDE 43 46 115 59
 E. STREAM NAME GRIMES CREEK
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 0.0 TO 11.4

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



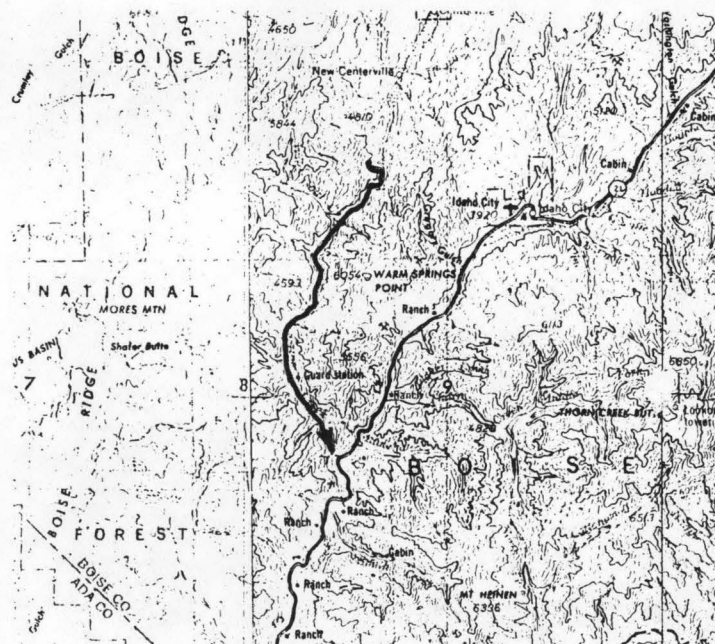
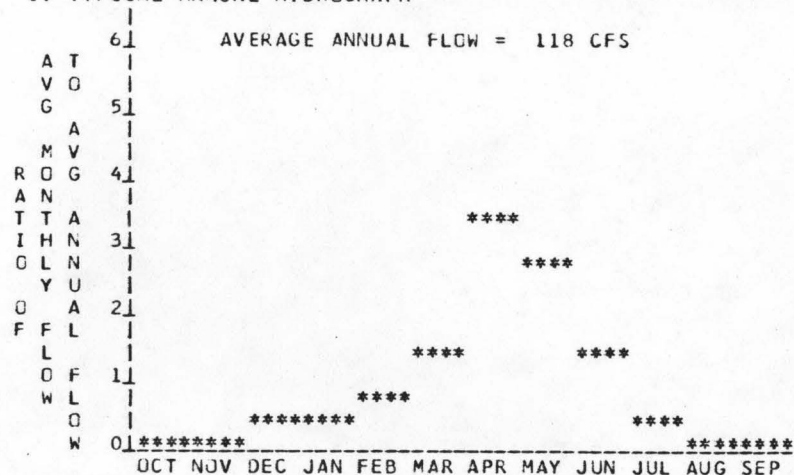
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4020 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3315 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 705 FT.
 D. AVERAGE SLOPE IN REACH 61.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 195 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.97	8.48	1.00
80	24	1.63	13.53	0.95
50	44	2.93	20.93	0.82
30	84	5.55	30.10	0.62
10	344	22.52	59.83	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

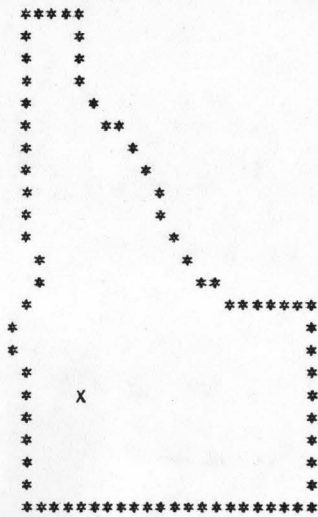
REACH NUMBER 03500240220150R0C01

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 2N R 6E
 D. LATITUDE, LONGITUDE 43 32 115 43
 E. STREAM NAME SO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 9.5 TO 13.8

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



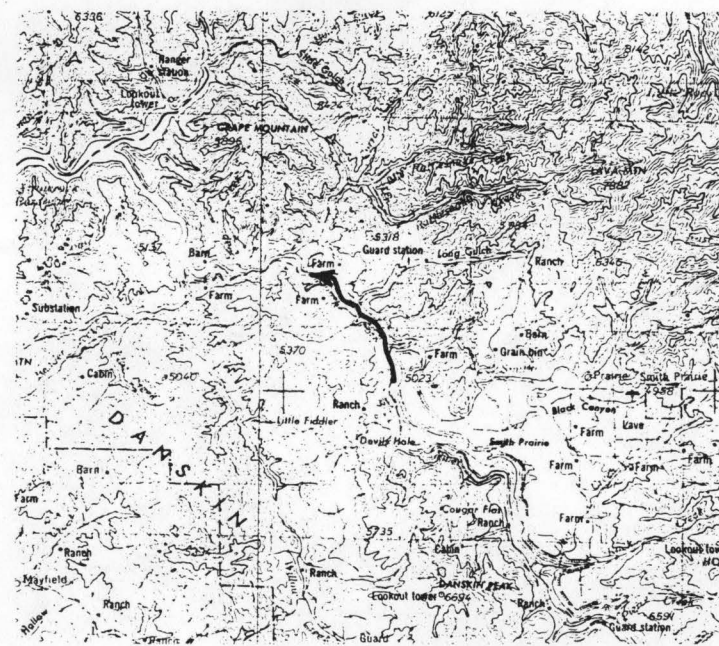
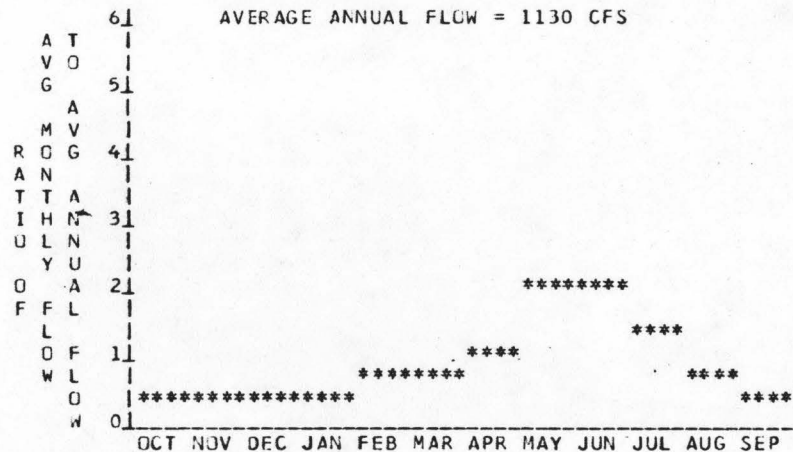
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3370 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3220 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 34.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1170 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	213	2.71	23.21	0.98
80	448	5.69	46.11	0.92
50	808	10.27	72.16	0.80
30	1223	15.55	90.65	0.67
10	2418	30.74	117.26	0.44

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220150R0C03

I LOCATION

A. STATE	IDAHO
B. COUNTY	ELMORE
C. TOWNSHIP, RANGE	T 1 N R 7 E
D. LATITUDE, LONGITUDE	43 24 115 35
E. STREAM NAME	SU FK BUISE RIVER
F. MAJOR BASIN NAME	BOISE RIVER
G. RIVER MILE	13.3 TO 37.6

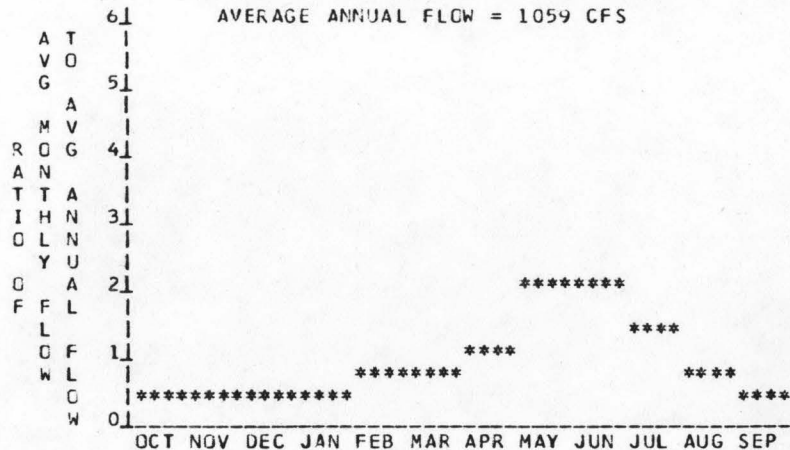
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3380 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3370 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	510 FT.
D. AVERAGE SLOPE IN REACH	21.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1076 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

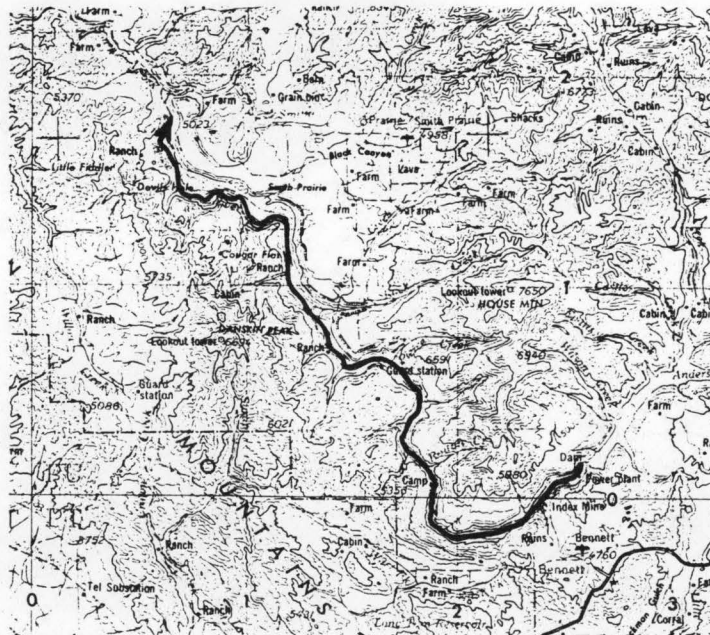
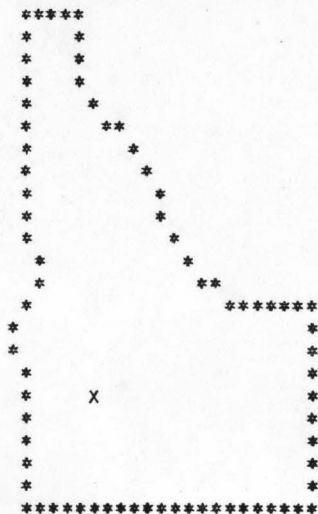
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	189	8.17	69.86	0.98
80	430	18.58	149.70	0.92
50	762	32.93	231.41	0.80
30	1203	51.99	298.19	0.65
10	2262	97.76	378.38	0.44

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

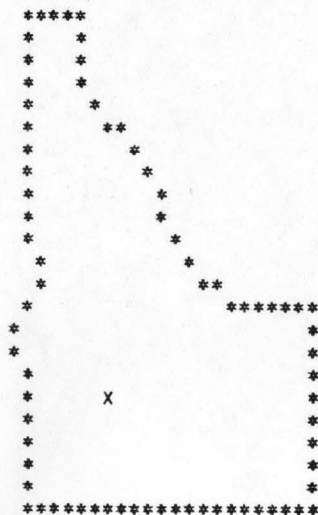
REACH NUMBER 03500240220150R0CC7

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 3N R10E
 D. LATITUDE, LONGITUDE 43 33 115 17
 E. STREAM NAME SU FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 51.8 TU 61.7

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



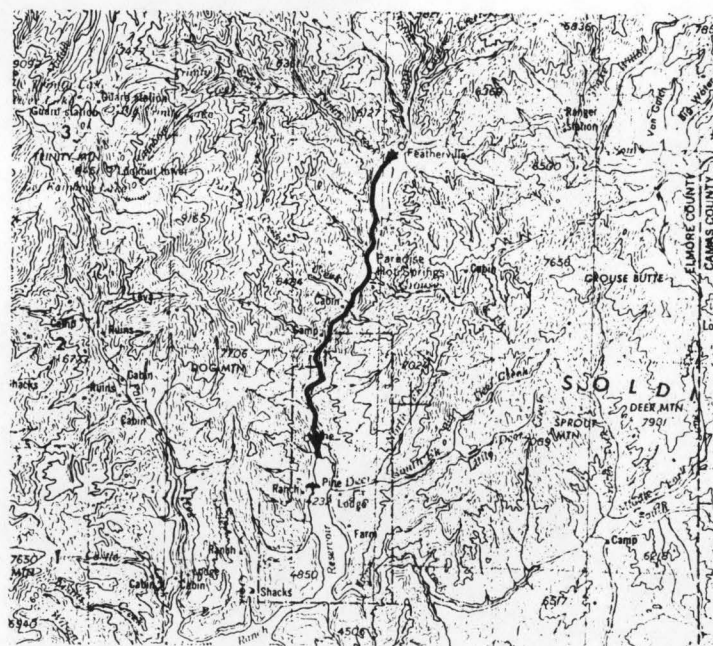
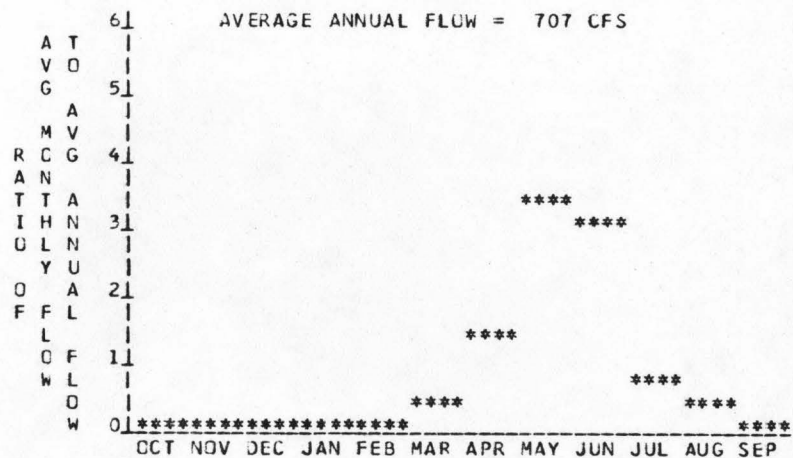
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4510 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4200 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 310 FT.
 D. AVERAGE SLOPE IN REACH 31.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 639 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	120	3.17	27.69	1.00
80	188	4.95	41.34	0.95
50	315	8.29	60.33	0.83
30	576	15.14	84.34	0.64
10	2138	56.18	156.24	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220150R0009

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE, CAMAS
 C. TOWNSHIP, RANGE T 3N R1E
 D. LATITUDE, LONGITUDE 43 36 115 6
 E. STREAM NAME SO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 61.7 TO 83.8

LOCATION MAPS
 U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY

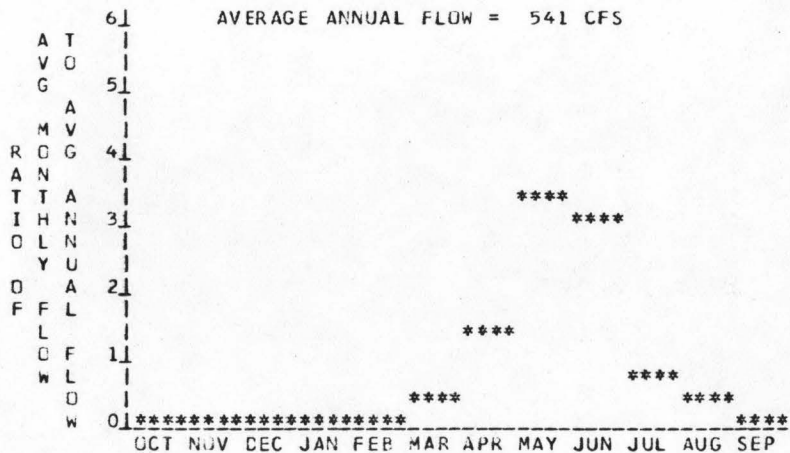
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5365 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4510 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 855 FT.
 D. AVERAGE SLOPE IN REACH 38.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 432 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	88	6.40	55.83	1.00
80	139	10.09	84.18	0.95
50	235	17.07	123.90	0.83
30	432	31.36	173.96	0.63
10	1627	117.91	325.61	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

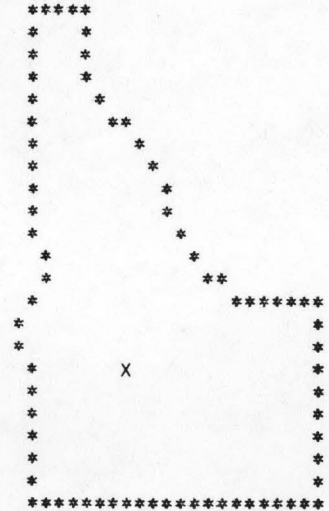
REACH NUMBER 03500240220150R0011

I LOCATION

A. STATE IDAHO
 B. COUNTY CAMAS
 C. TOWNSHIP, RANGE T 4N R13E
 D. LATITUDE, LONGITUDE 43 40 114 54
 E. STREAM NAME SO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 83.8 TO 92.8

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



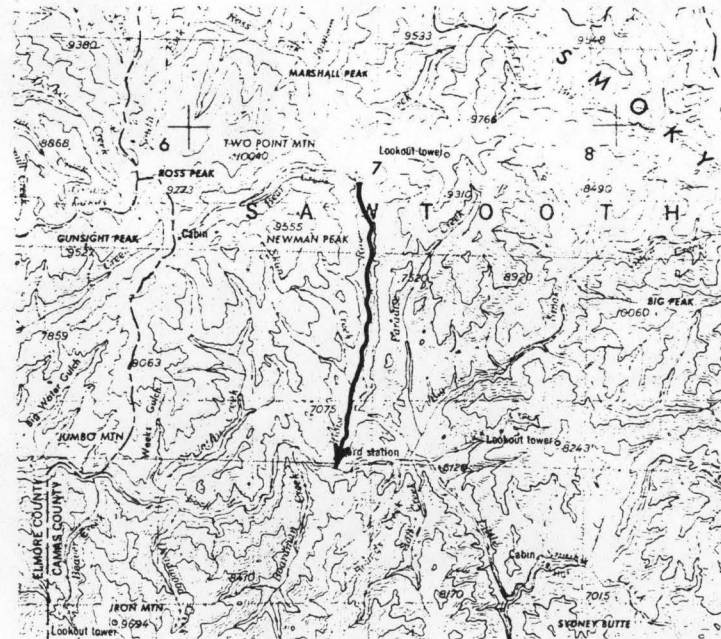
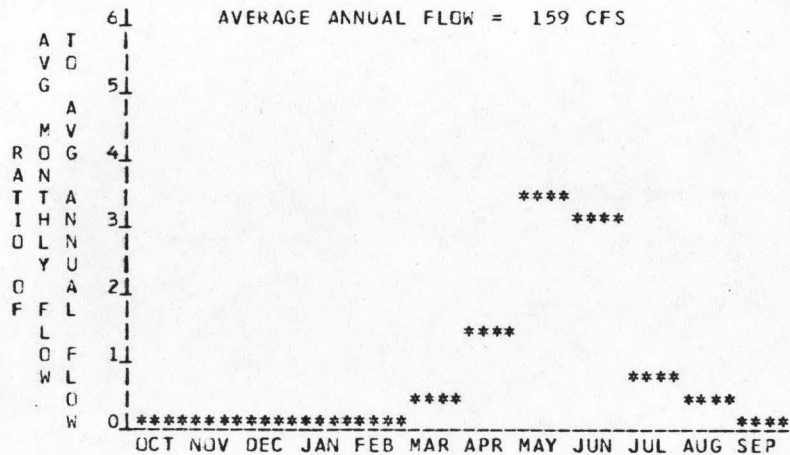
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6010 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5365 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 645 FT.
 D. AVERAGE SLOPE IN REACH 71.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 107 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	21	1.16	10.08	1.00
80	35	1.91	15.90	0.95
50	62	3.40	24.36	0.82
30	117	6.40	34.88	0.62
10	468	25.59	68.49	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

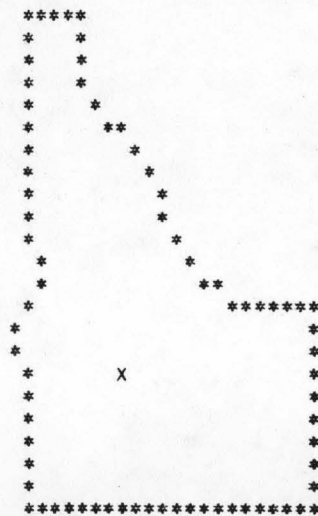
REACH NUMBER 03500240220150R0013

I LOCATION

A. STATE IDAHO
 B. COUNTY CAMAS
 C. TOWNSHIP, RANGE T 5N R13E
 D. LATITUDE, LONGITUDE 43 44 114 54
 E. STREAM NAME SO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 92.8 TO 96.4

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



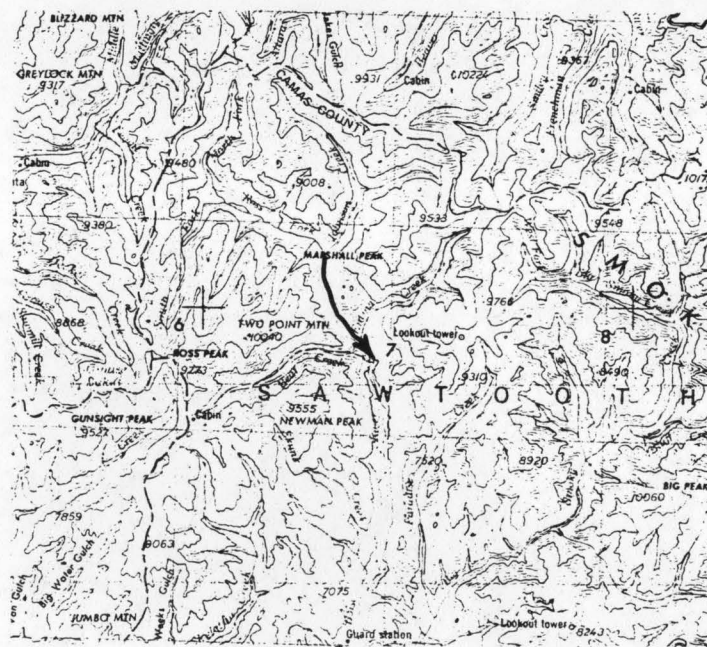
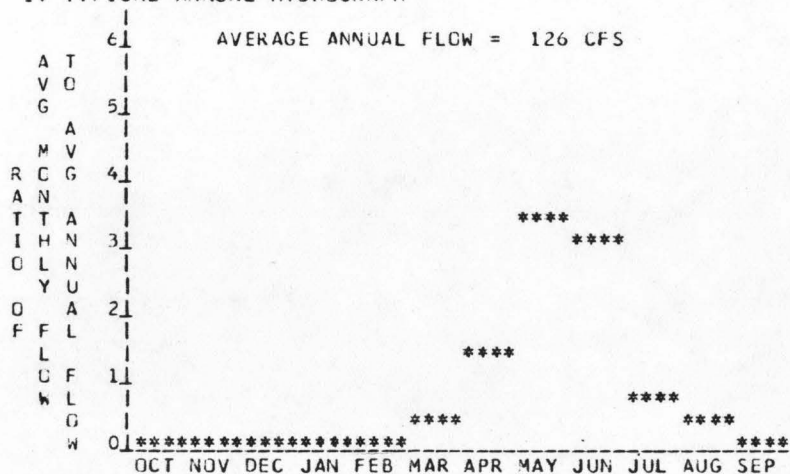
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6280 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6010 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 270 FT.
 D. AVERAGE SLOPE IN REACH 75.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 77 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	16	0.46	4.01	1.00
90	27	0.77	6.38	0.95
50	48	1.38	9.95	0.82
30	91	2.61	14.16	0.62
10	370	10.54	28.06	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

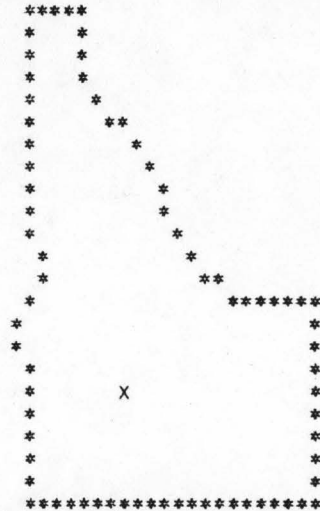
REACH NUMBER 03500240220150R0021

I LOCATION

A. STATE	IDAHO
B. COUNTY	CAMAS
C. TOWNSHIP, RANGE	T 3N R13E
D. LATITUDE, LONGITUDE	43 36 114 54
E. STREAM NAME	BIG SMOKEY CREEK
F. MAJOR BASIN NAME	BOISE RIVER
G. RIVER MILE	0.0 TO 2.3

LOCATION MAPS

U.S. TOPOG SERIES
1:250000
SCALE
MAP NAME
HAILEY



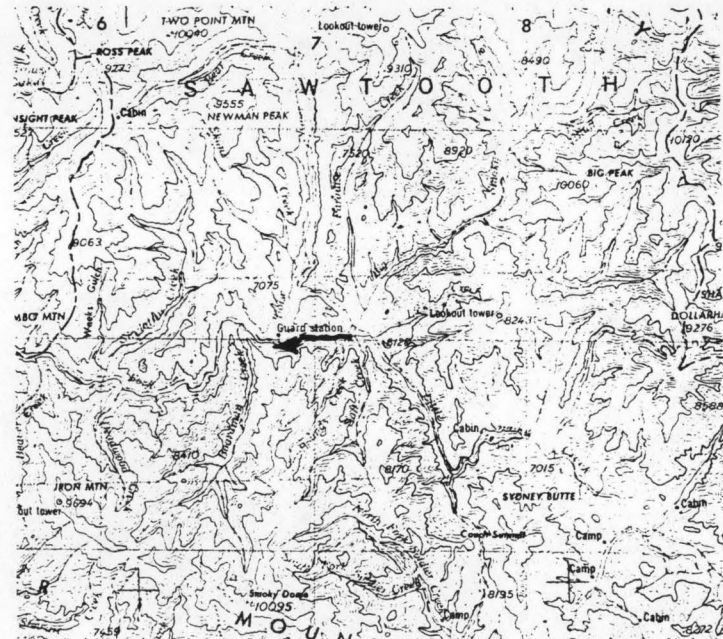
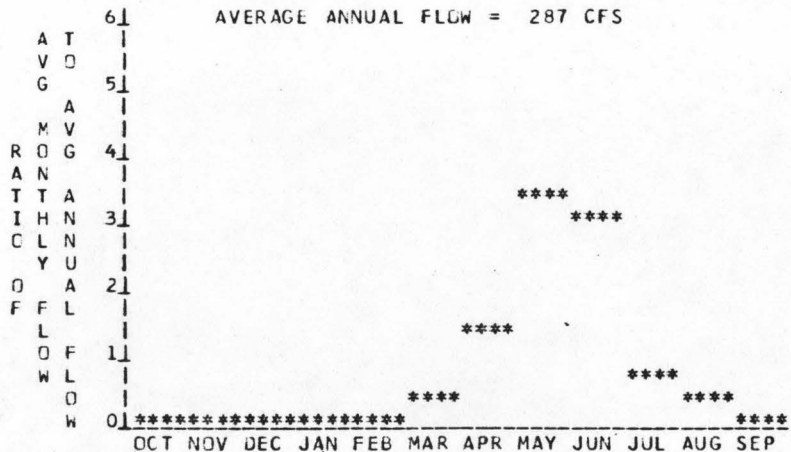
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5485 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5365 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	120 FT.
D. AVERAGE SLOPE IN REACH	52.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	215 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	42	0.43	3.73	1.00
80	68	0.69	5.76	0.95
50	118	1.20	8.66	0.82
30	219	2.23	12.28	0.63
10	852	8.67	23.56	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

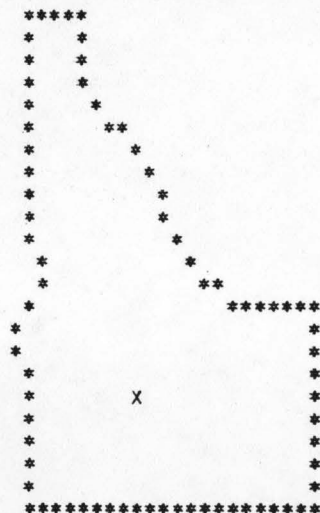
REACH NUMBER 03500240220150RJC23

I LOCATION

A. STATE IDAHO
 B. COUNTY CAMAS
 C. TOWNSHIP, RANGE T 4N R14E
 D. LATITUDE, LONGITUDE 43 39 114 48
 E. STREAM NAME BIG SMOKEY CREEK
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 2.3 TO 9.2

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



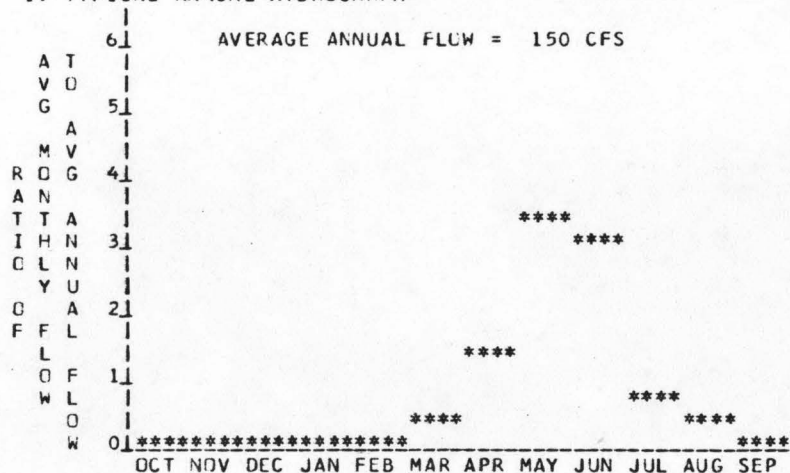
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6020 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5485 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 535 FT.
 D. AVERAGE SLOPE IN REACH 77.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 113 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III PEACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	19	1.01	8.78	1.00
80	32	1.67	13.88	0.95
50	58	2.98	21.31	0.82
30	110	5.61	30.53	0.62
10	441	22.48	60.09	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

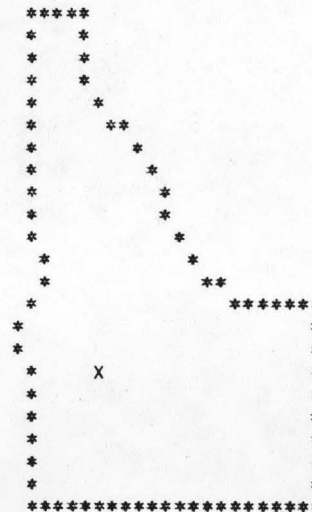
REACH NUMBER 0350024022017CR0001

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE, ELMORE
 C. TOWNSHIP, RANGE T 5N R 7E
 D. LATITUDE, LONGITUDE 43 46 115 37
 E. STREAM NAME NO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 0.0 TO 15.0

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



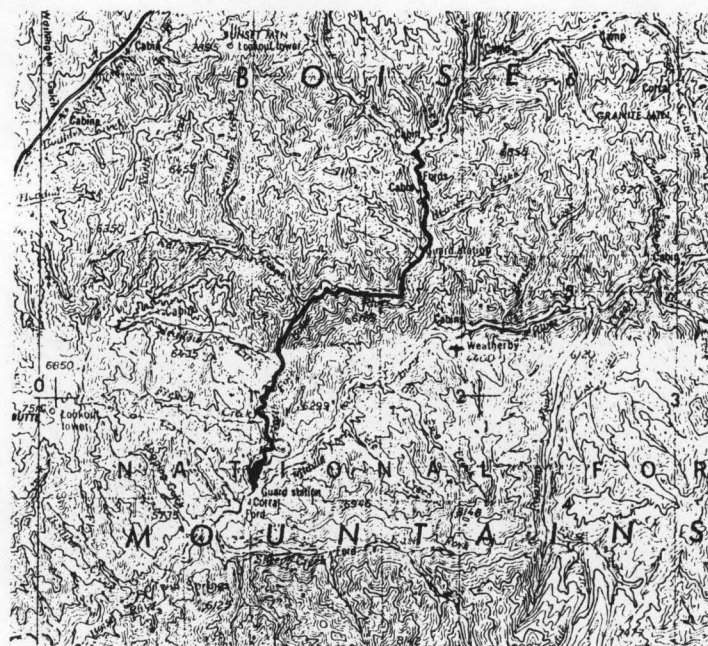
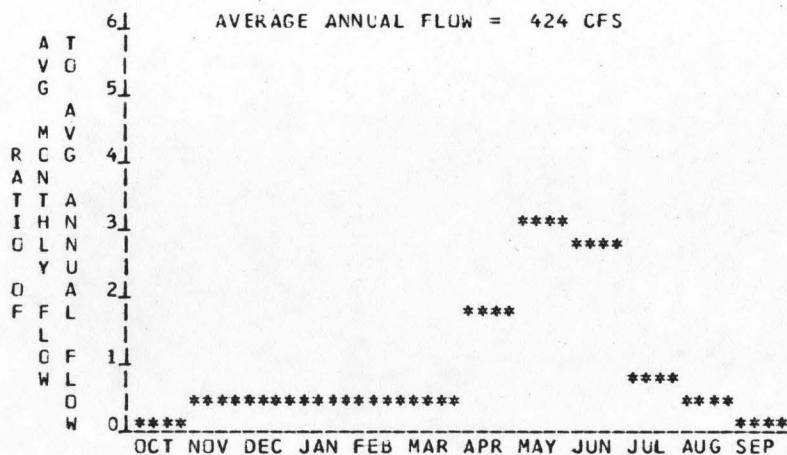
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4315 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3475 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 840 FT.
 D. AVERAGE SLOPE IN REACH 56.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 380 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	66	4.73	41.26	1.00
80	105	7.53	62.77	0.95
50	180	12.86	93.13	0.83
30	333	23.75	131.25	0.63
10	1269	90.38	248.01	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220170R0003

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE, ELMORE
 C. TOWNSHIP, RANGE T 7N R 9E
 D. LATITUDE, LONGITUDE 43 54 115 23
 E. STREAM NAME NO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 15.0 IC 27.2

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY

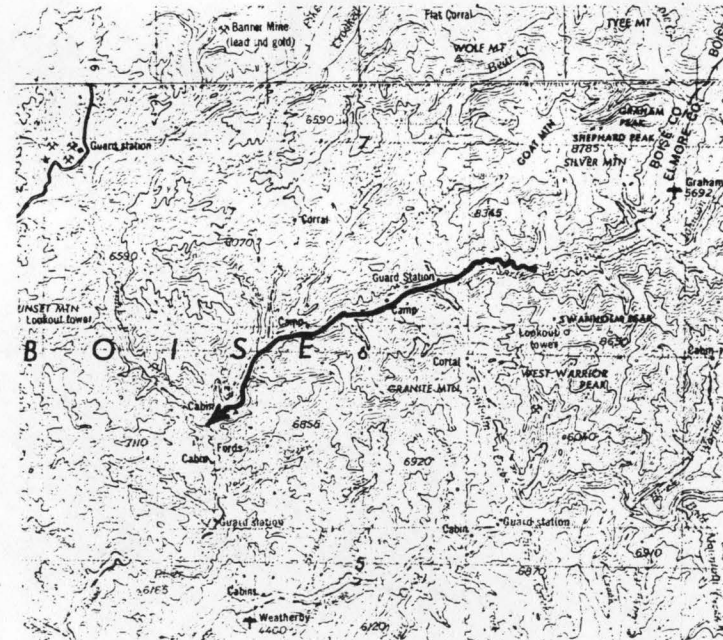
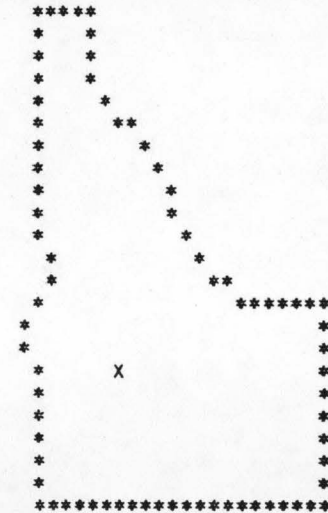
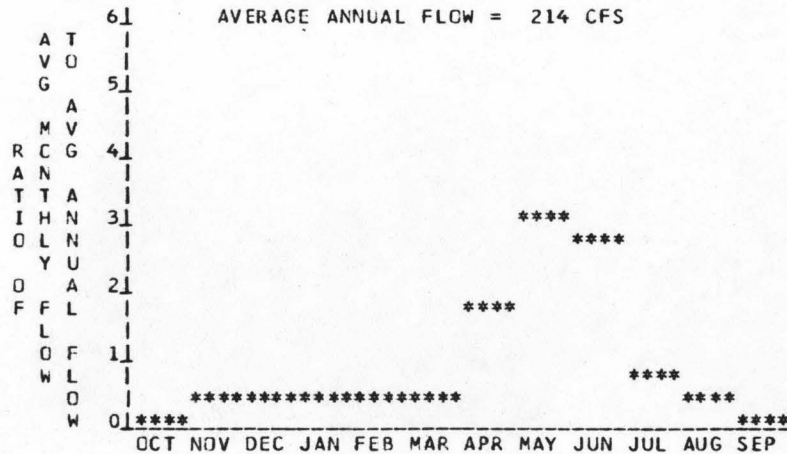
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5335 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4315 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1020 FT.
 D. AVERAGE SLOPE IN REACH 83.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 193 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	2.59	22.57	1.00
80	49	4.24	35.22	0.95
50	86	7.43	53.43	0.82
30	160	13.91	76.13	0.62
10	633	54.79	147.74	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

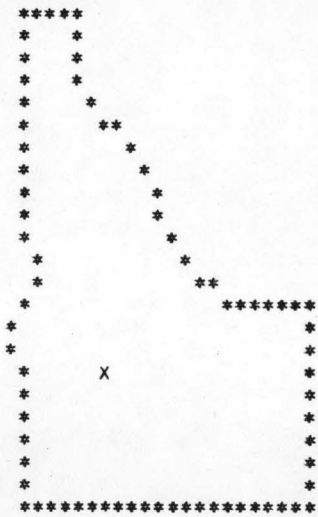
REACH NUMBER 03500240220170R0C05

I LOCATION

A. STATE IDAHO
 B. COUNTY BOISE, ELMORE
 C. TOWNSHIP, RANGE T 7N R10E
 D. LATITUDE, LONGITUDE 43 56 115 19
 E. STREAM NAME NO FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 27.2 TO 30.8

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



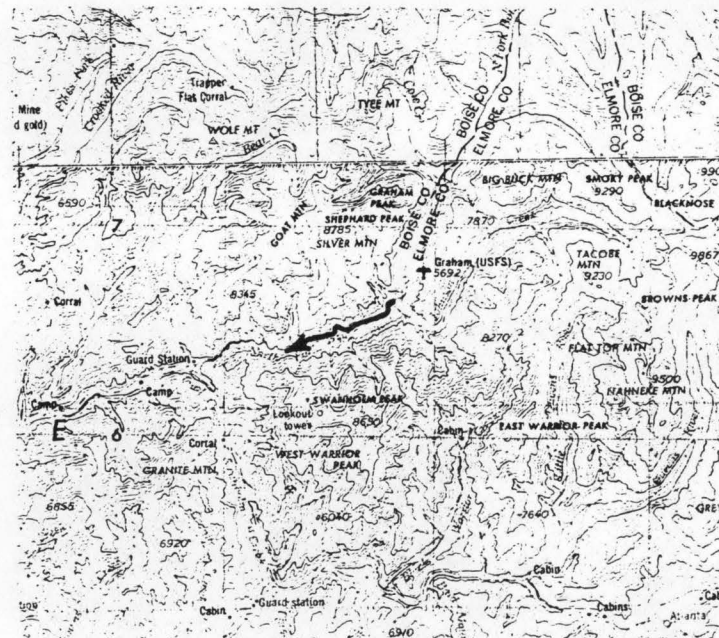
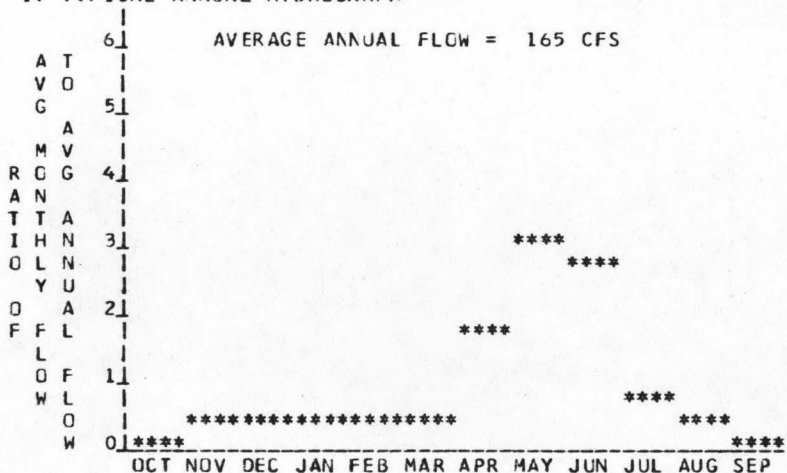
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5335 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 265 FT.
 D. AVERAGE SLOPE IN REACH 73.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 101 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	22	0.62	5.40	1.00
80	36	1.02	8.50	0.95
50	64	1.82	13.01	0.82
30	121	3.41	18.62	0.62
10	485	13.62	36.50	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220190R0001

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 5N R 8E
 D. LATITUDE, LONGITUDE 43 45 115 34
 E. STREAM NAME MID FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 0.0 TO 13.4

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY

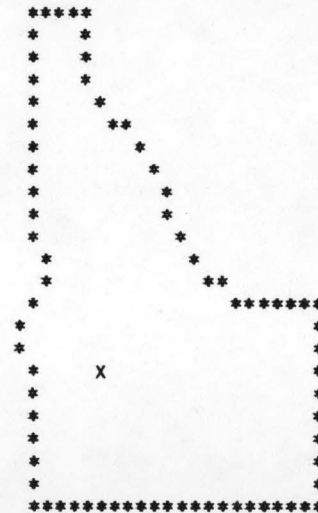
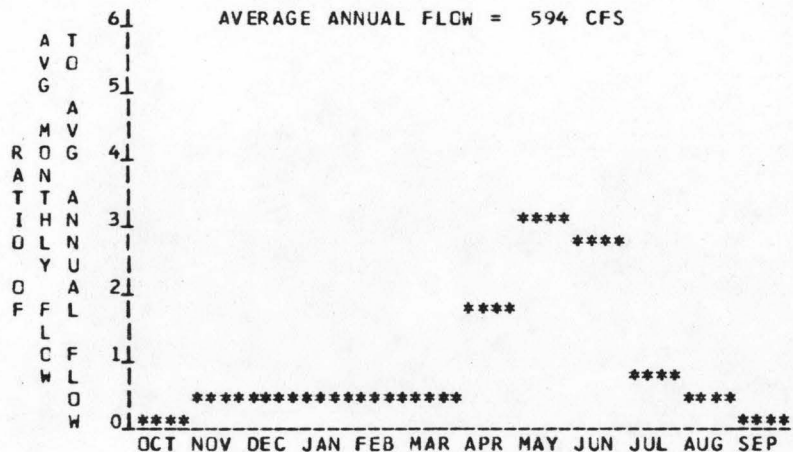
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4075 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3475 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 600 FT.
 D. AVERAGE SLOPE IN REACH 44.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 379 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	98	5.01	43.77	1.00
80	155	7.88	65.77	0.95
50	261	13.28	96.50	0.83
30	478	24.35	135.29	0.63
10	1792	91.14	252.30	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024022C190R0CC3

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 6N R10E
 D. LATITUDE, LONGITUDE 43 50 115 19
 E. STREAM NAME MID FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 13.4 TO 28.3

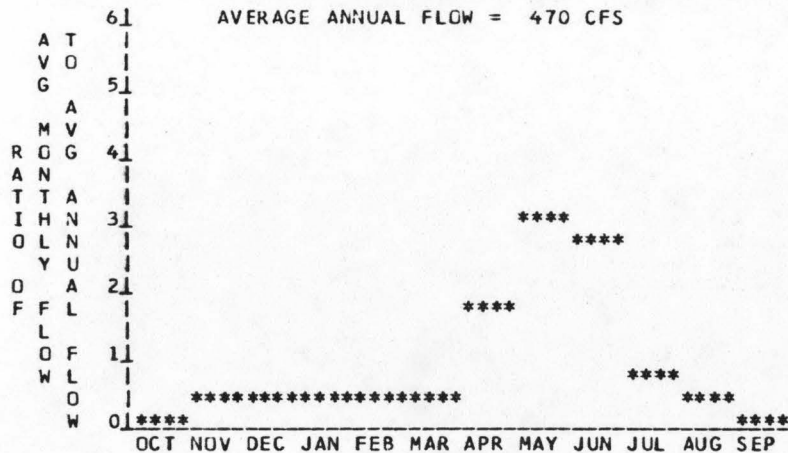
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4920 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4075 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 845 FT.
 D. AVERAGE SLOPE IN REACH 56.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 294 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

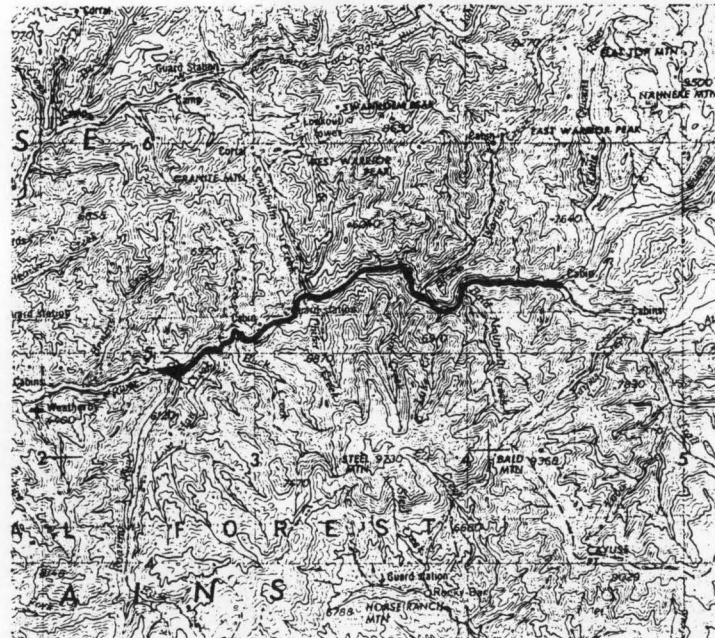
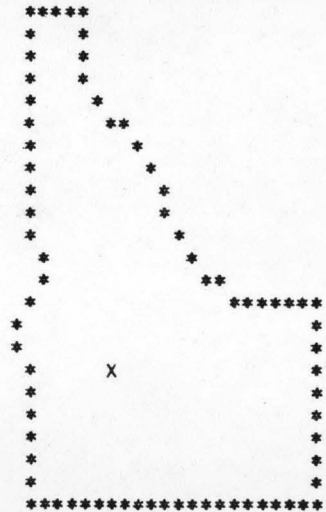
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	74	5.37	46.84	1.00
80	118	8.52	71.00	0.95
50	202	14.49	104.98	0.83
30	372	26.68	147.71	0.63
10	1410	101.04	277.98	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



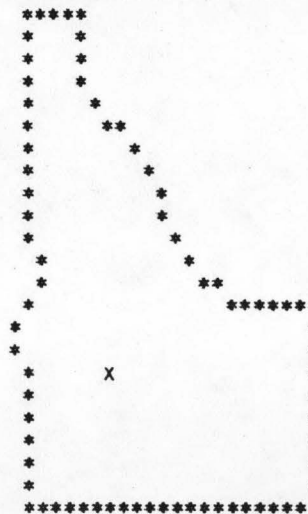
REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240220190R0005

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 5N R11E
 D. LATITUDE, LONGITUDE 43 48 115 9
 E. STREAM NAME MID FK BOISE RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 28.3 TO 34.8

LOCATION MAPS
 U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



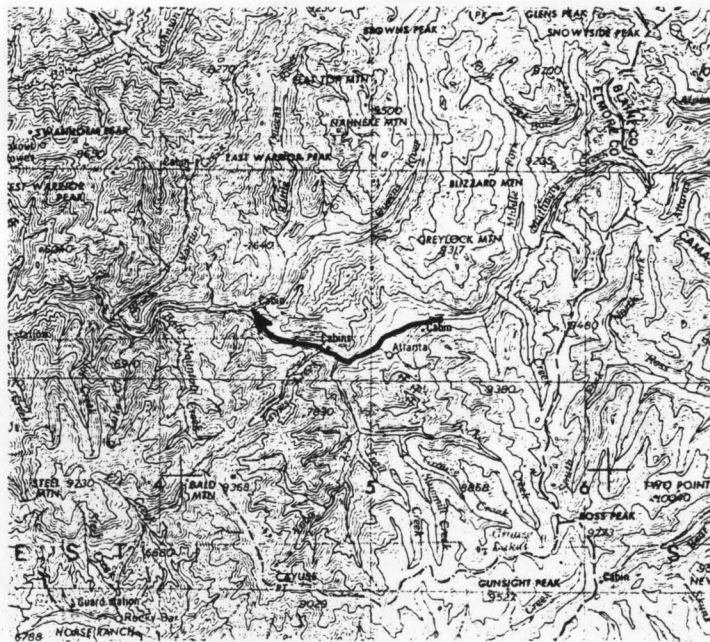
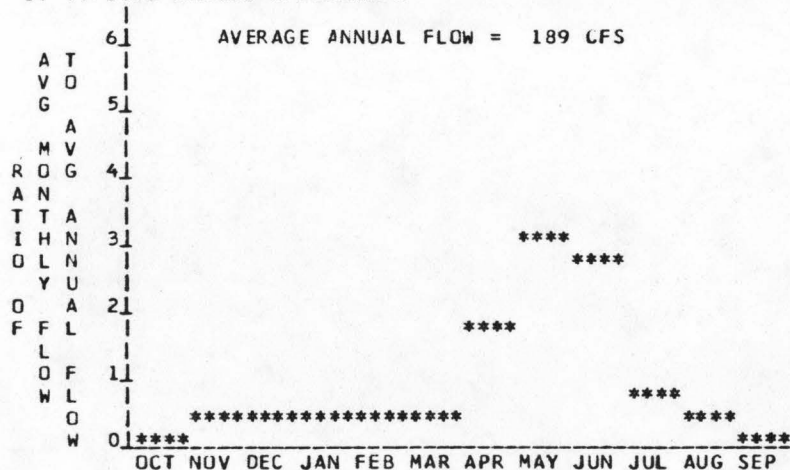
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5480 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4920 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 560 FT.
 D. AVERAGE SLOPE IN REACH 86.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 121 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	1.37	11.95	1.00
80	42	2.26	18.74	0.95
50	74	3.98	28.54	0.82
30	140	7.46	40.75	0.62
10	557	29.57	79.48	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

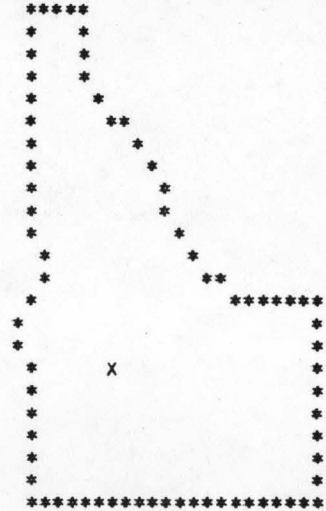
REACH NUMBER 0350024022C190R0C07

I LOCATION

A. STATE IDAHO
 B. COUNTY ELMORE
 C. TOWNSHIP, RANGE T 6N R11E
 D. LATITUDE, LONGITUDE 43 51 115 11
 E. STREAM NAME QUEENS RIVER
 F. MAJOR BASIN NAME BOISE RIVER
 G. RIVER MILE 0.0 TO 0.6

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



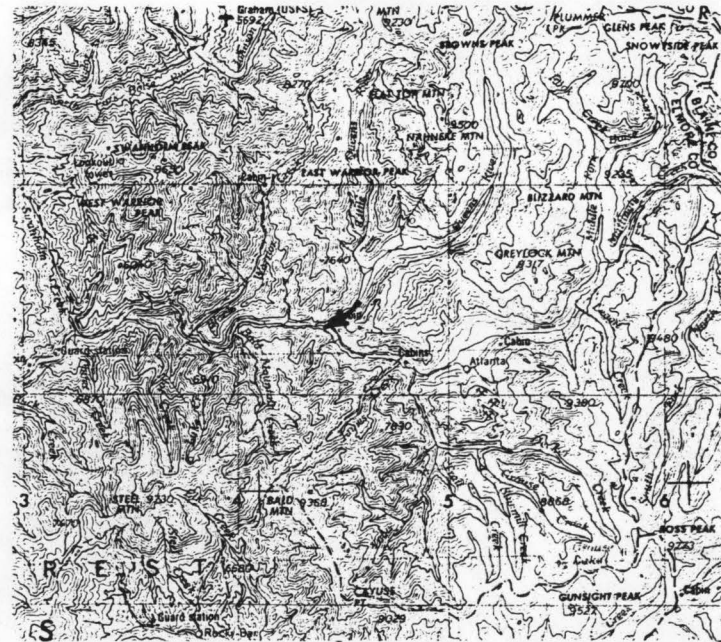
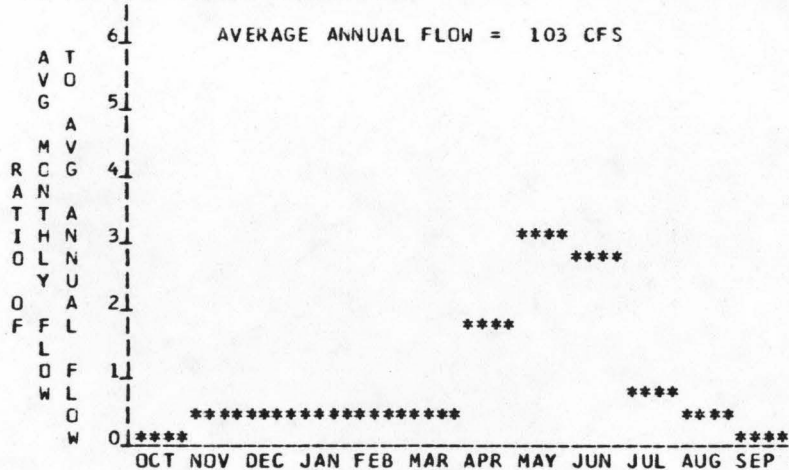
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5000 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4920 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 133.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 51 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.16	1.38	1.00
80	21	0.27	2.21	0.95
50	38	0.48	3.43	0.81
30	73	0.91	4.94	0.62
10	301	3.73	9.87	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402000COR0002

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T13S R 5W
 D. LATITUDE, LONGITUDE 42 17 116 57
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 176.9 TO 186.0

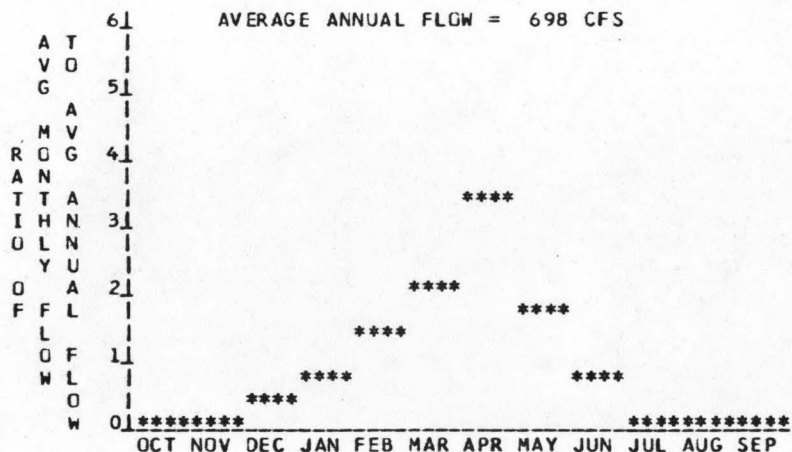
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4300 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4220 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 8.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 4960 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

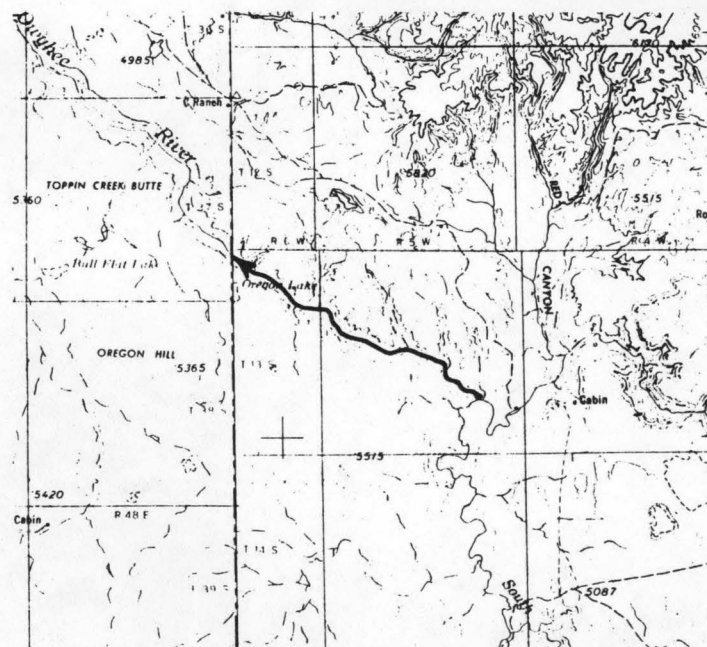
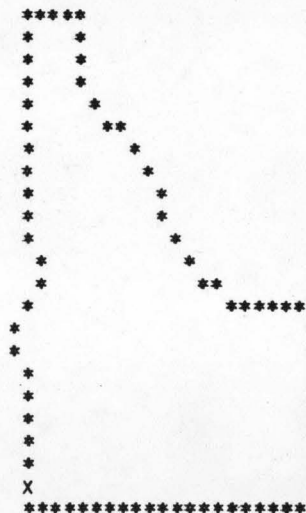
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	72	0.49	4.23	0.99
80	102	0.69	5.79	0.96
50	180	1.22	8.80	0.82
30	445	3.02	15.09	0.57
10	1883	12.77	32.17	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240200000R0C04

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T13S R 4W
 D. LATITUDE, LONGITUDE 42 15 116 45
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 186.0 TO 205.7

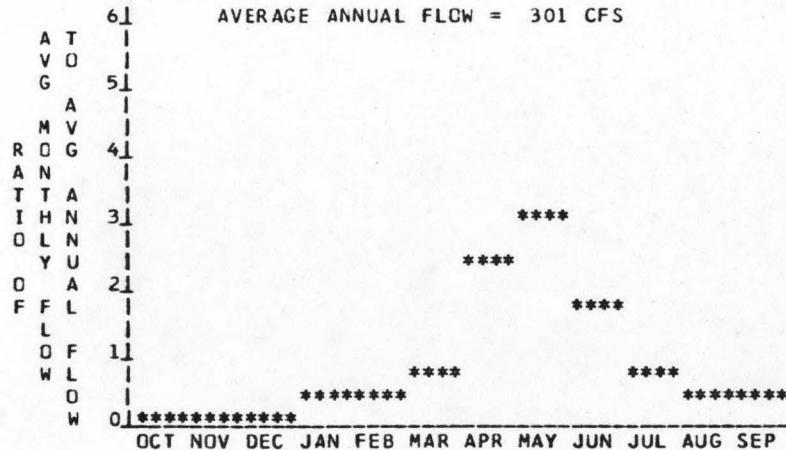
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4425 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4300 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 125 FT.
 D. AVERAGE SLOPE IN REACH 6.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2131 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

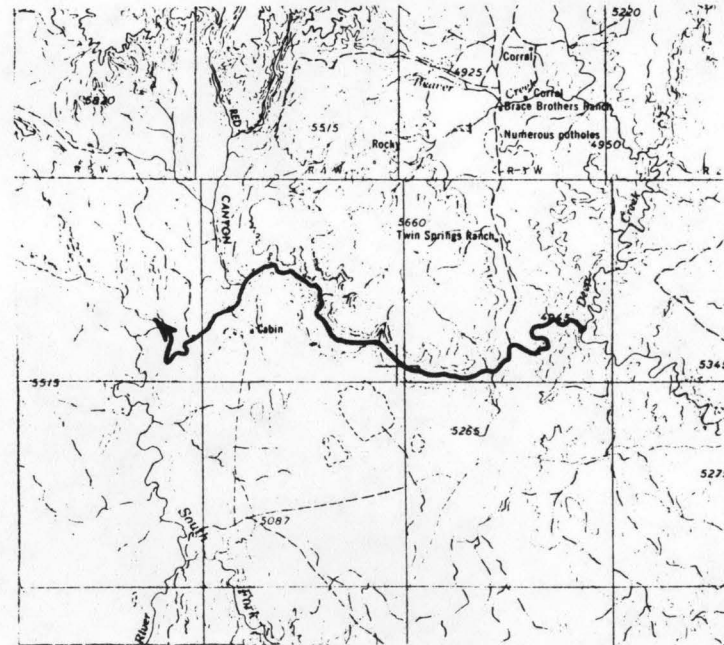
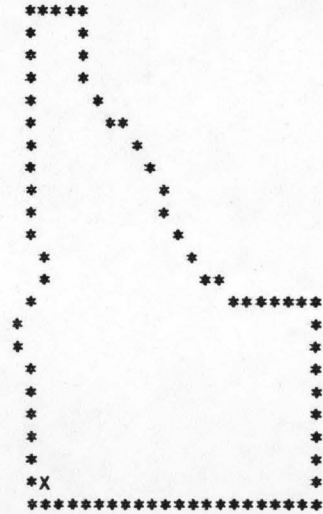
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	32	0.34	2.94	0.99
80	50	0.53	4.40	0.95
50	107	1.13	7.84	0.79
30	234	2.48	12.56	0.58
10	933	9.88	25.53	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240200000R0006

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T14S R 2W
 D. LATITUDE, LONGITUDE 42 14 116 34
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 205.7 TO 216.5

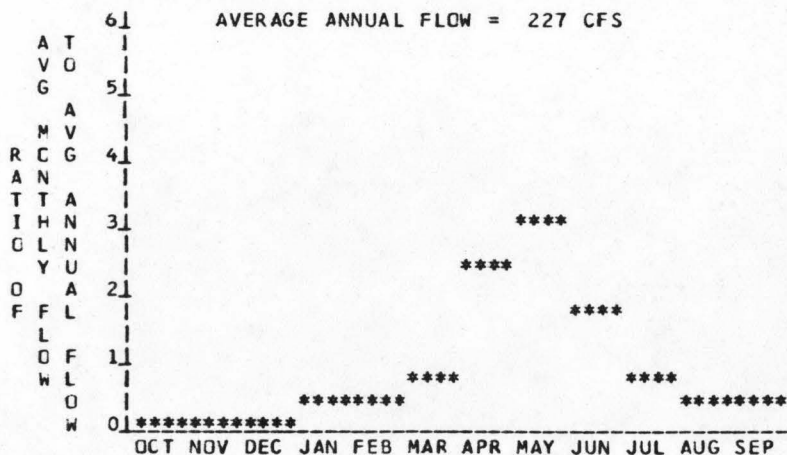
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4575 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4425 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 13.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1534 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	25	0.32	2.76	0.99
80	40	0.51	4.22	0.95
50	94	1.19	8.13	0.78
30	195	2.48	12.63	0.58
10	757	9.62	25.14	0.30

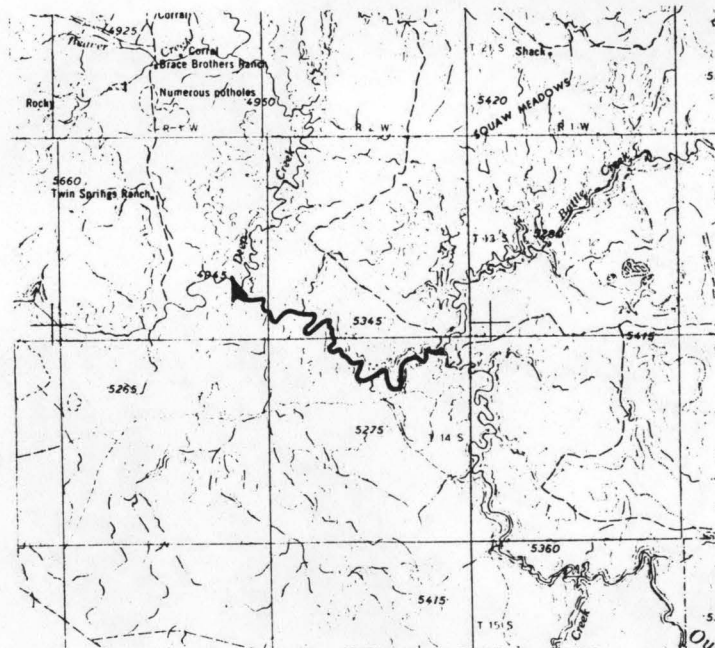
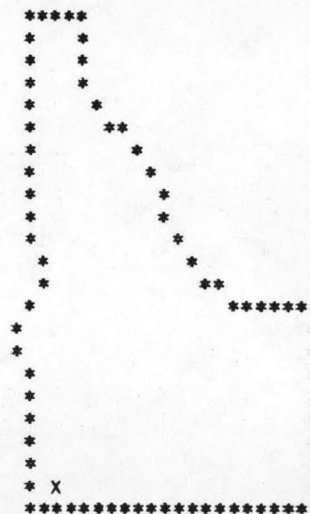
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024020000R0CC8

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T15S R 1W
 D. LATITUDE, LONGITUDE 42 8 116 26
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 216.5 TO 245.5

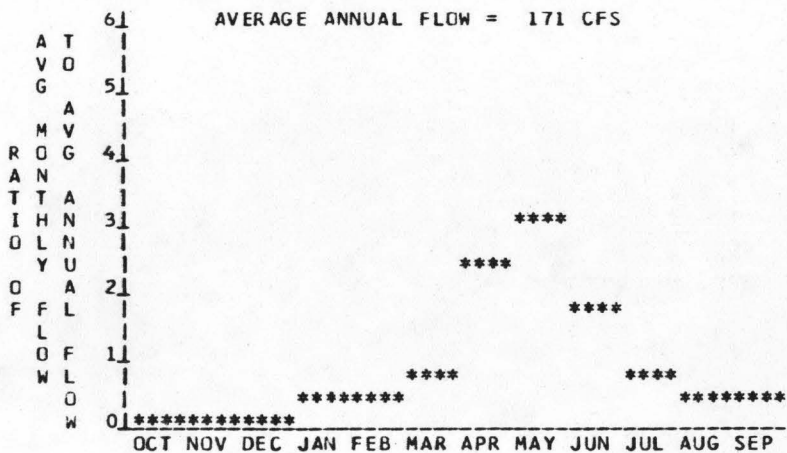
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5252 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4575 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 677 FT.
 D. AVERAGE SLOPE IN REACH 23.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1185 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

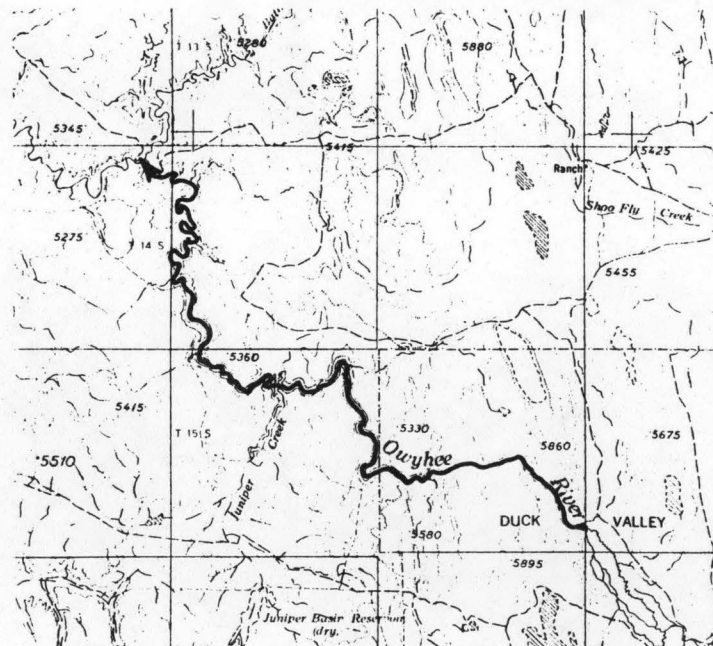
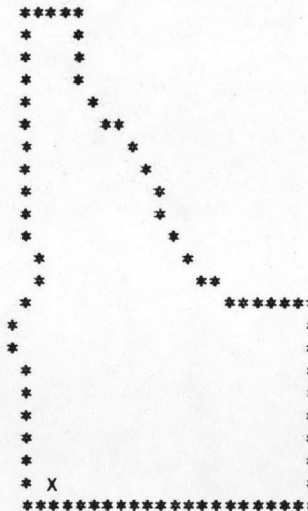
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	19	1.09	9.47	0.99
80	33	1.89	15.63	0.94
50	84	4.82	32.29	0.76
30	165	9.47	48.57	0.59
10	622	35.69	94.51	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402C000CRO010

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T16S R 2E
 D. LATITUDE, LONGITUDE 42 3 116 15
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 245.5 TO 251.8

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME JORDAN VALLEY

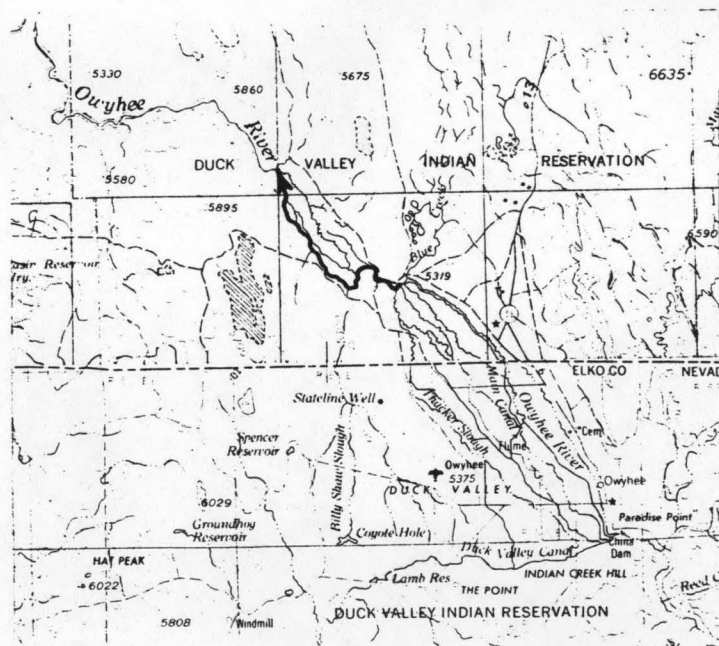
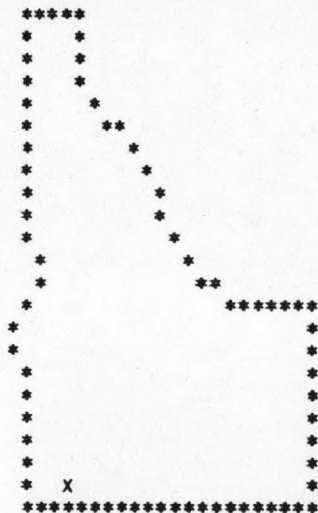
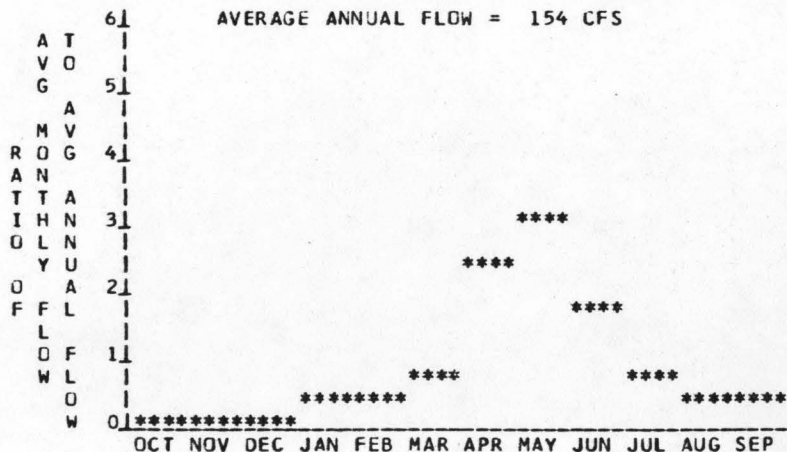
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5290 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5252 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 38 FT.
 D. AVERAGE SLOPE IN REACH 6.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 564 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	18	0.06	0.50	0.99
80	31	0.10	0.82	0.94
50	80	0.26	1.72	0.76
30	156	0.50	2.58	0.59
10	580	1.87	4.97	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402C000CR0012

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T16S R 2E
 D. LATITUDE, LONGITUDE 42 1 116 11
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 251.8 TO 256.0

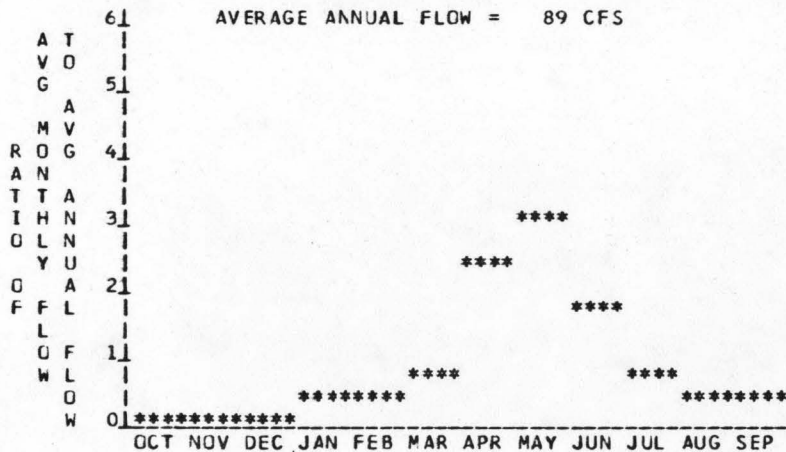
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5326 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5290 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 36 FT.
 D. AVERAGE SLOPE IN REACH 8.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 501 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	11	0.03	0.29	1.00
80	22	0.07	0.55	0.94
50	69	0.21	1.37	0.74
30	122	0.37	1.93	0.59
10	428	1.31	3.57	0.31

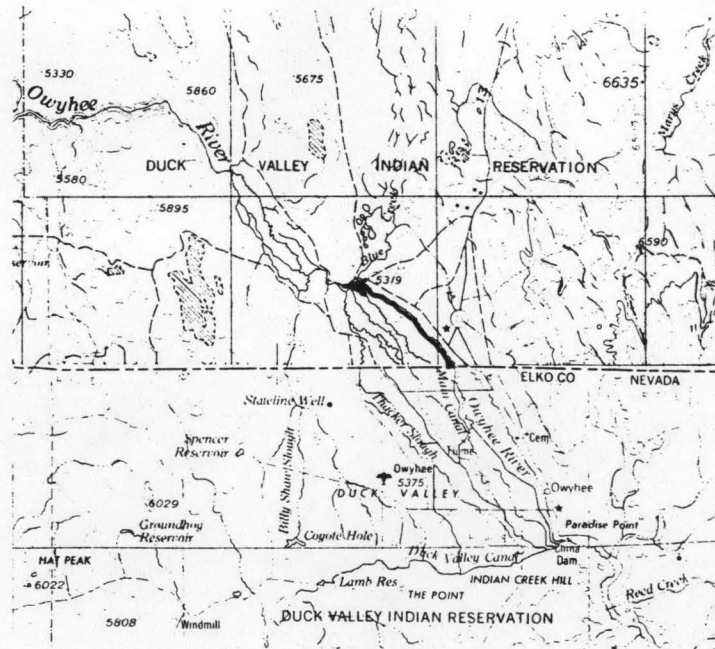
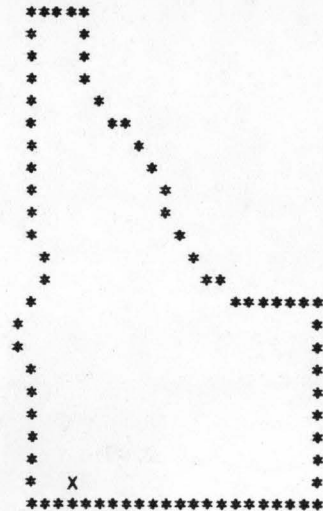
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 055002402C000CROG13

I LOCATION

A. STATE NEVADA
 B. COUNTY ELKO
 C. TOWNSHIP, RANGE T47N R52E
 D. LATITUDE, LONGITUDE 41 57 116 7
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 256.0 TO 263.4

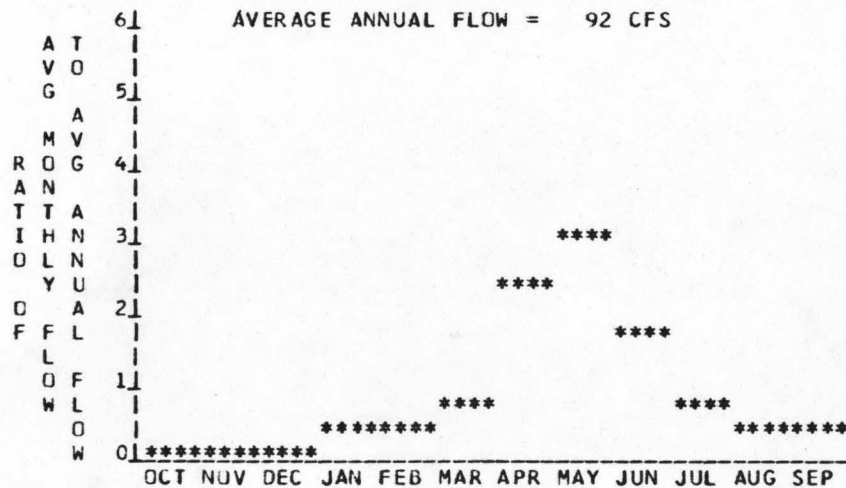
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5428 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5326 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 102 FT.
 D. AVERAGE SLOPE IN REACH 13.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 483 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

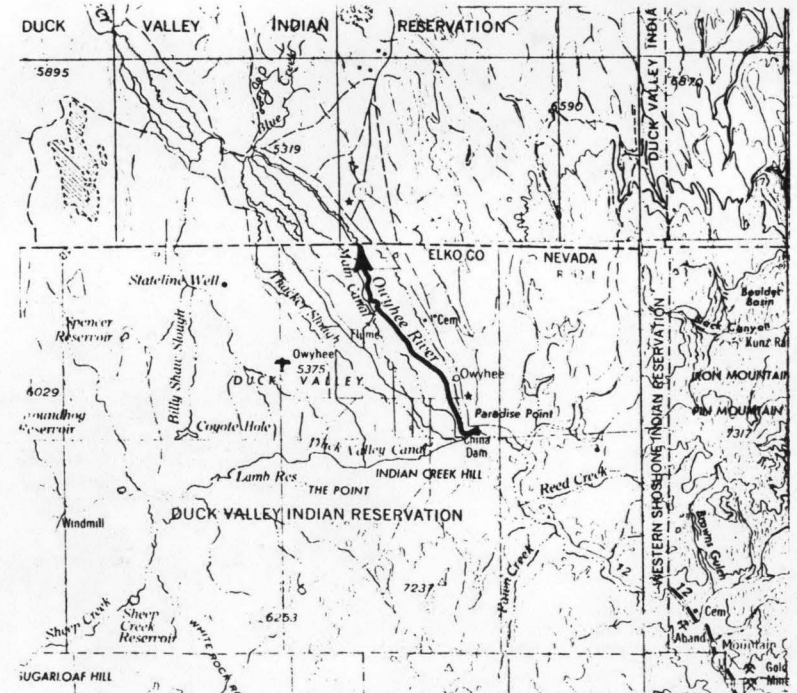
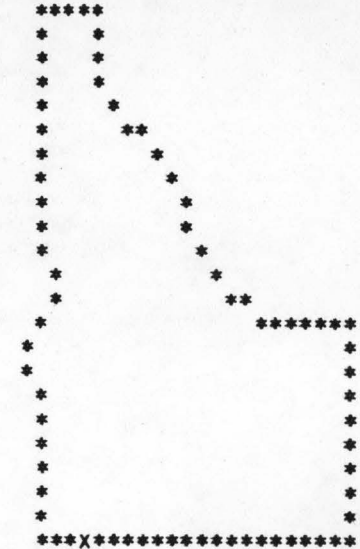
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	11	0.10	0.83	1.00
80	22	0.19	1.56	0.94
50	78	0.67	4.31	0.73
30	120	1.04	5.59	0.61
10	420	3.63	10.13	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 MC DERMITT



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0550024C2C0000R0014

I LOCATION

A. STATE NEVADA
 B. COUNTY ELKO
 C. TOWNSHIP, RANGE T46N R53E
 D. LATITUDE, LONGITUDE 41 53 116 0
 E. STREAM NAME OWYHEE RIVER
 F. MAJOR BASIN NAME OWYHEE RIVER
 G. RIVER MILE 263.4 TO 278.3

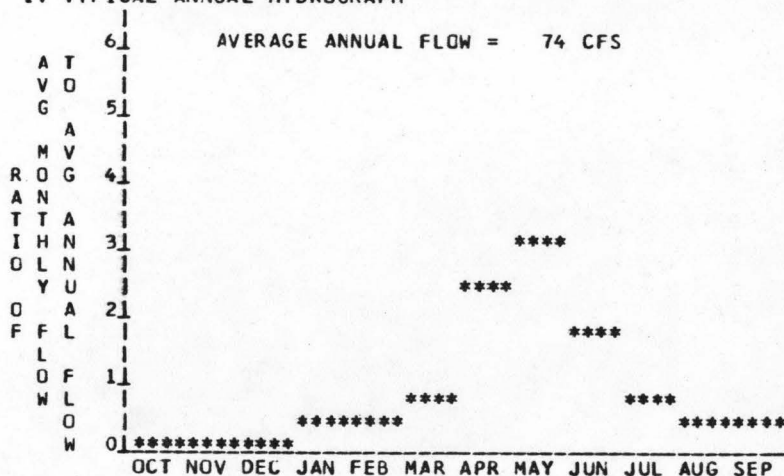
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5675 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5428 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 247 FT.
 D. AVERAGE SLOPE IN REACH 16.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 483 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8	0.21	1.85	1.00
80	16	0.42	3.48	0.94
50	59	1.56	9.97	0.73
30	99	2.63	13.69	0.60
10	344	9.12	25.08	0.31

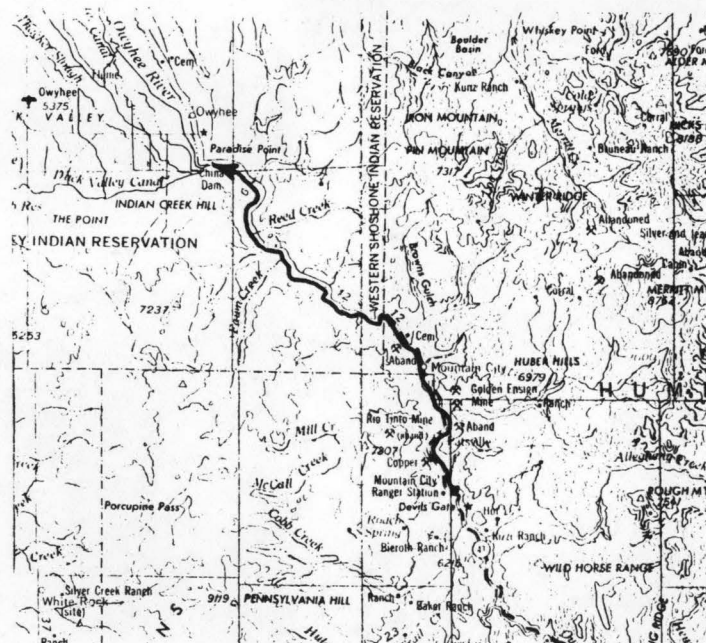
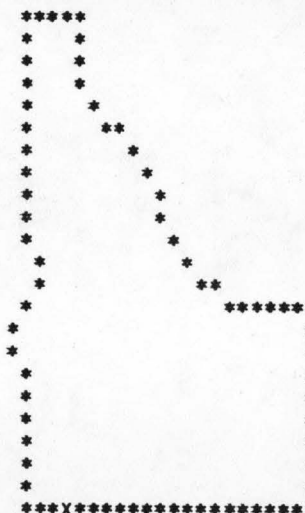
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 MC DERMITT



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024020001CR0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T 6S R 6W
D. LATITUDE, LONGITUDE	42 54 117 0
E. STREAM NAME	JORDAN CREEK
F. MAJOR BASIN NAME	OWYHEE RIVER
G. RIVER MILE	46.3 TO 53.8

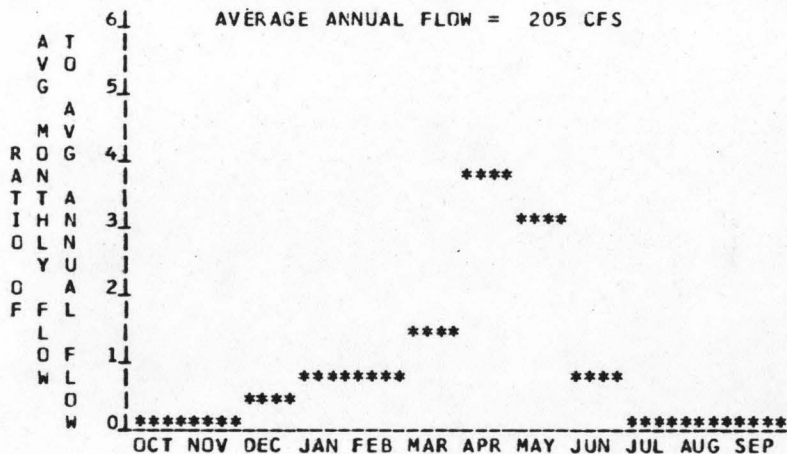
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4505 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4400 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	105 FT.
D. AVERAGE SLOPE IN REACH	14.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	517 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.04	0.39	0.99
80	8	0.07	0.59	0.95
50	37	0.33	2.06	0.71
30	150	1.33	5.58	0.48
10	600	5.34	12.60	0.27

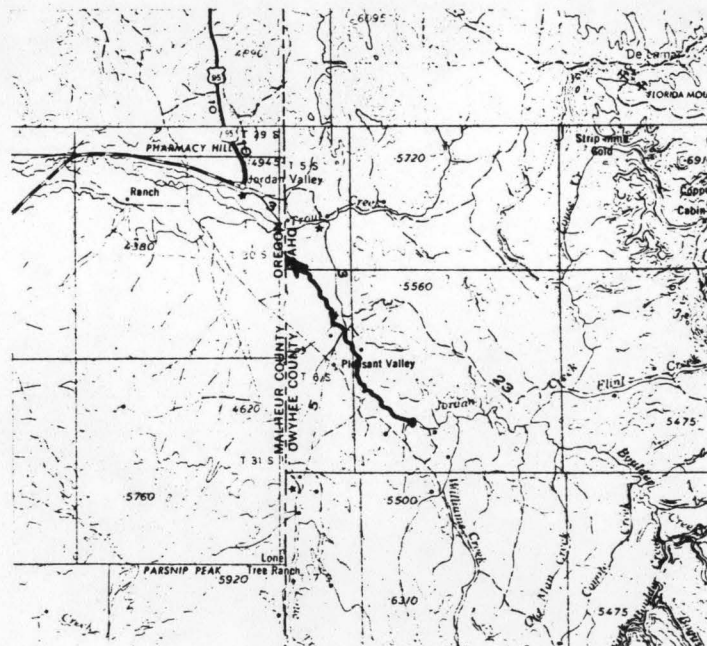
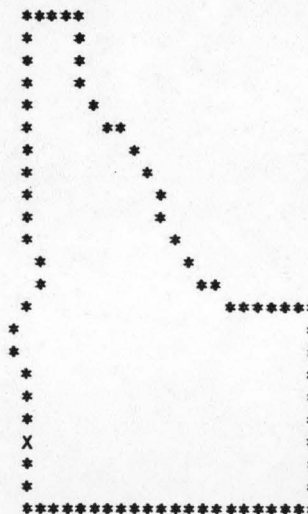
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240200010R0C04

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T 6S R 5W
D. LATITUDE, LONGITUDE	42 53 116 56
E. STREAM NAME	JORDAN CREEK
F. MAJOR BASIN NAME	OWYHEE RIVER
G. RIVER MILE	53.8 TO 58.3

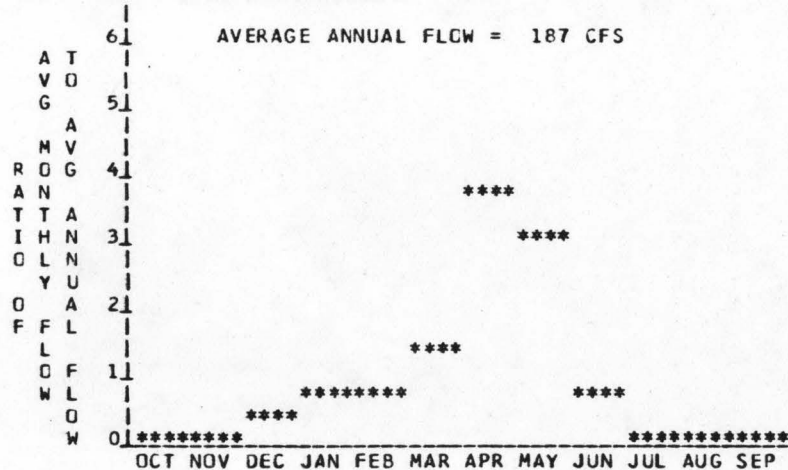
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4570 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4505 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	65 FT.
D. AVERAGE SLOPE IN REACH	14.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	453 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8	0.09	0.77	0.99
80	13	0.14	1.20	0.95
50	40	0.44	2.91	0.75
30	150	1.67	7.18	0.49
10	600	6.66	15.94	0.27

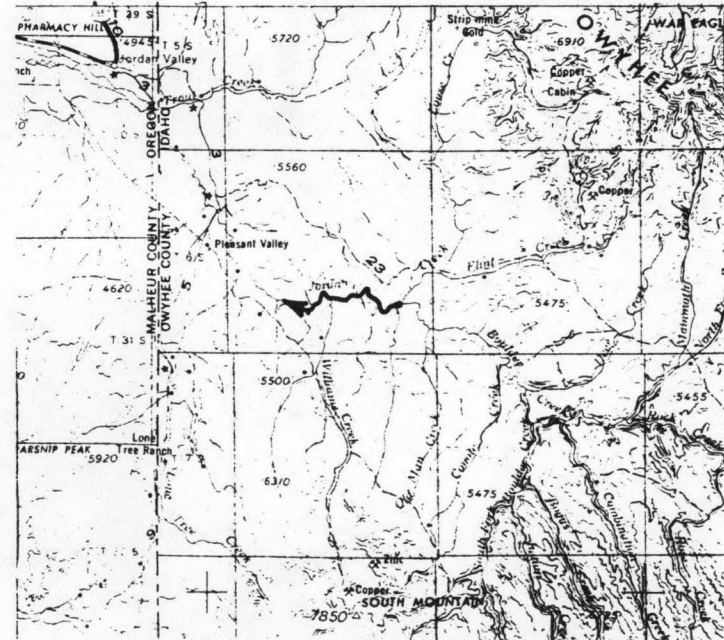
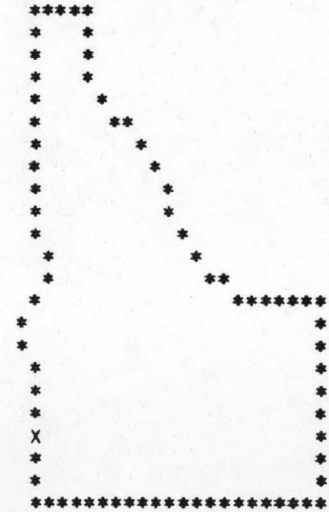
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPD SERIES
1:250000
SCALE

MAP NAME
JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

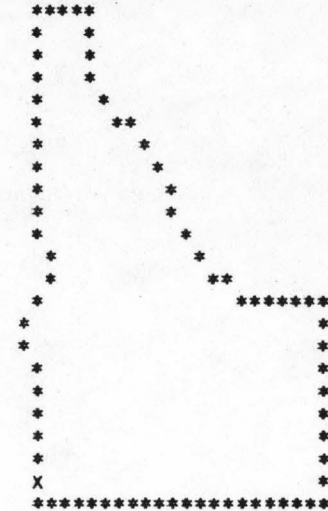
REACH NUMBER 03500240200020R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T14S R 5W
D. LATITUDE, LONGITUDE	42 13 116 54
E. STREAM NAME	SG FK OWYHEE RIVER
F. MAJOR BASIN NAME	OWYHEE RIVER
G. RIVER MILE	0.0 TO 12.0

LOCATION MAPS

U.S. TOPD SERIES
1:250000
SCALE
MAP NAME
JORDAN VALLEY



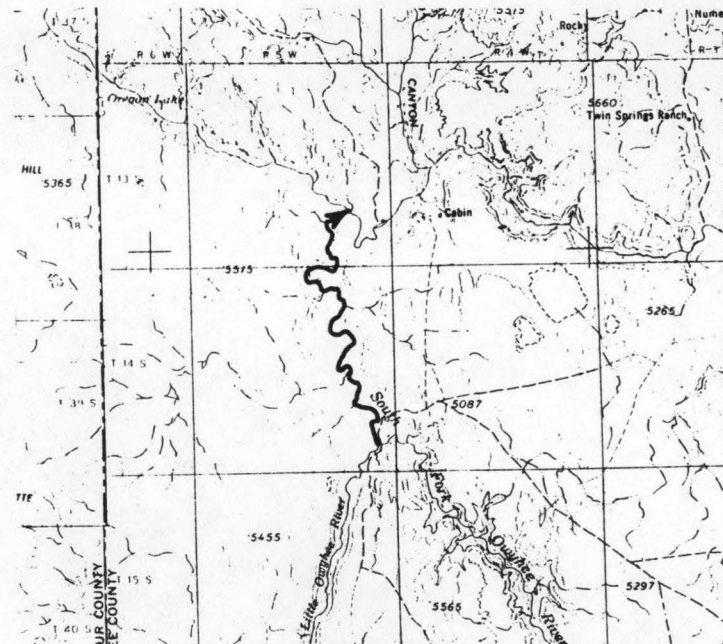
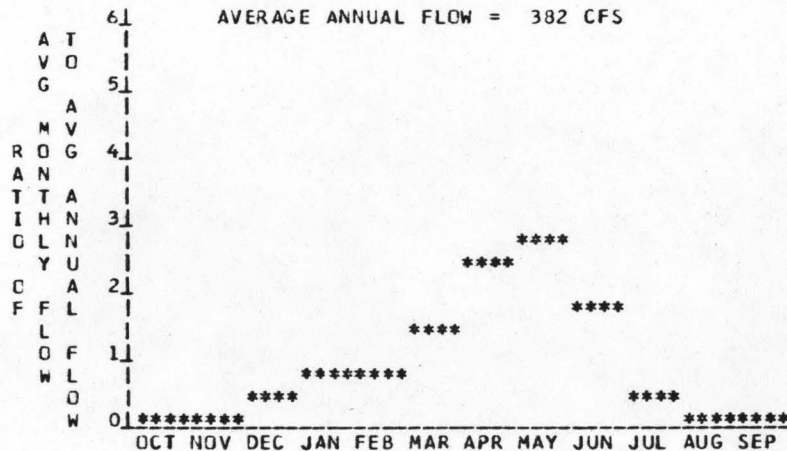
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4410 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4300 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	110 FT.
D. AVERAGE SLOPE IN REACH	9.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2788 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.05	0.40	0.98
80	36	0.34	2.62	0.89
50	115	1.07	6.81	0.72
30	234	2.18	10.70	0.56
10	1040	9.69	23.86	0.28

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240200020R0004

I LOCATION

A. STATE IDAHO
 B. COUNTY OWYHEE
 C. TOWNSHIP, RANGE T15S R 4W
 D. LATITUDE, LONGITUDE 42 6 116 47
 E. STREAM NAME SO FK CWYHEE RIVER
 F. MAJOR BASIN NAME CWYHEE RIVER
 G. RIVER MILE 12.0 TO 29.9

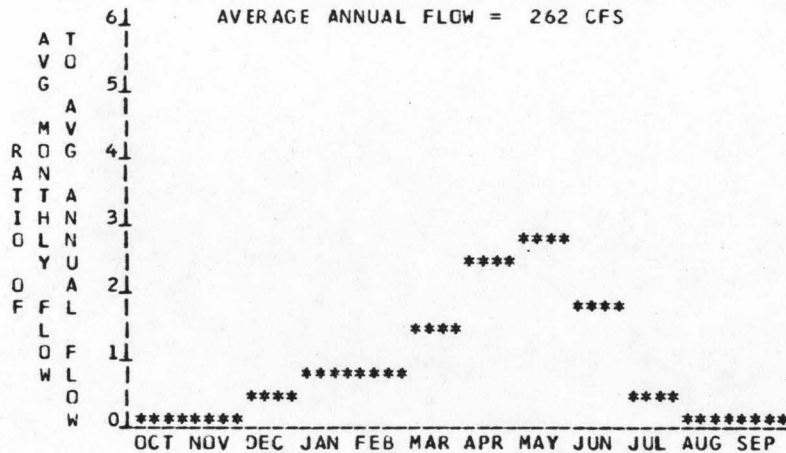
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4573 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4410 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 163 FT.
 D. AVERAGE SLOPE IN REACH 9.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1792 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.07	0.59	0.98
80	26	0.36	2.82	0.90
50	78	1.08	6.91	0.73
30	155	2.14	10.63	0.57
10	669	9.24	23.07	0.29

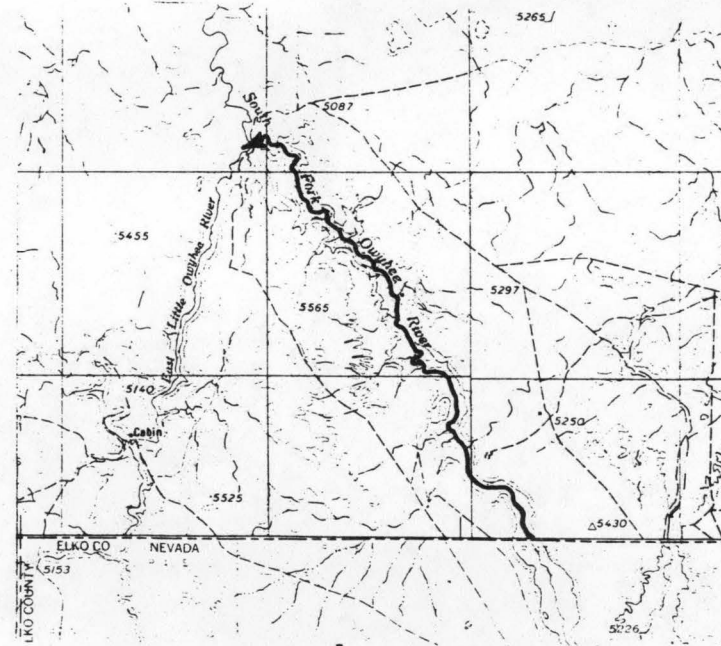
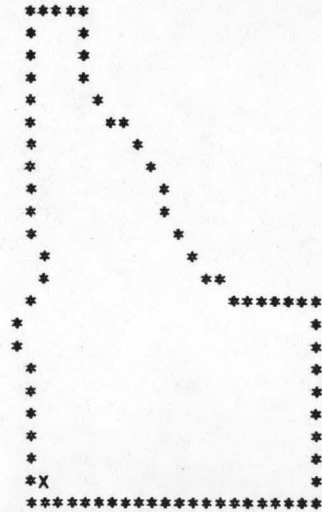
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 JORDAN VALLEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

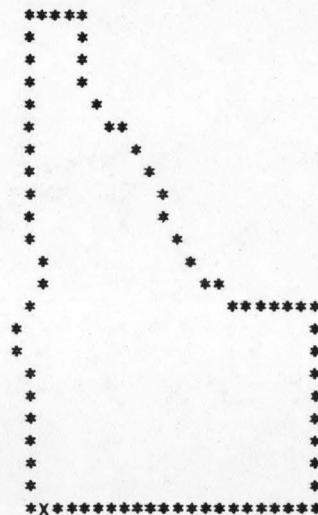
REACH NUMBER 05500240200020R0CC6

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T46N R48E
D. LATITUDE, LONGITUDE	41 54 116 37
E. STREAM NAME	SU FK OWYHEE RIVER
F. MAJOR BASIN NAME	OWYHEE RIVER
G. RIVER MILE	29.9 TO 49.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
MC DERMITT



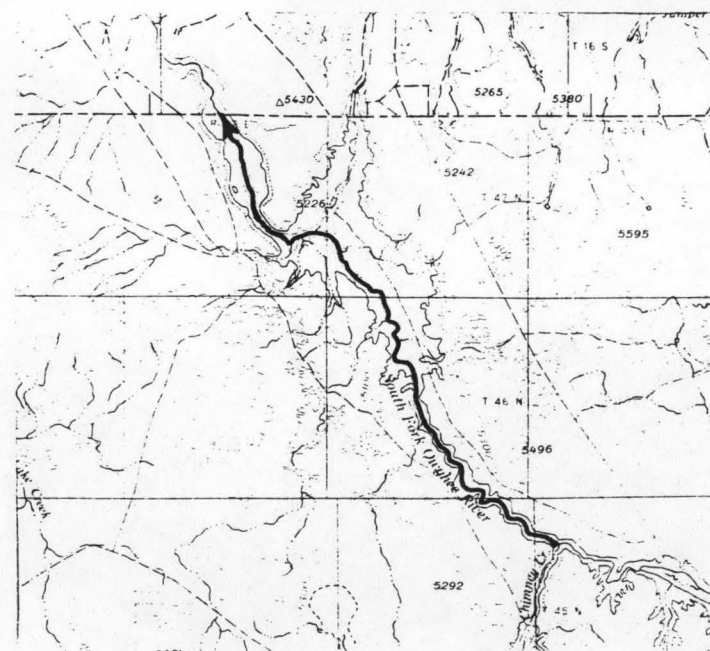
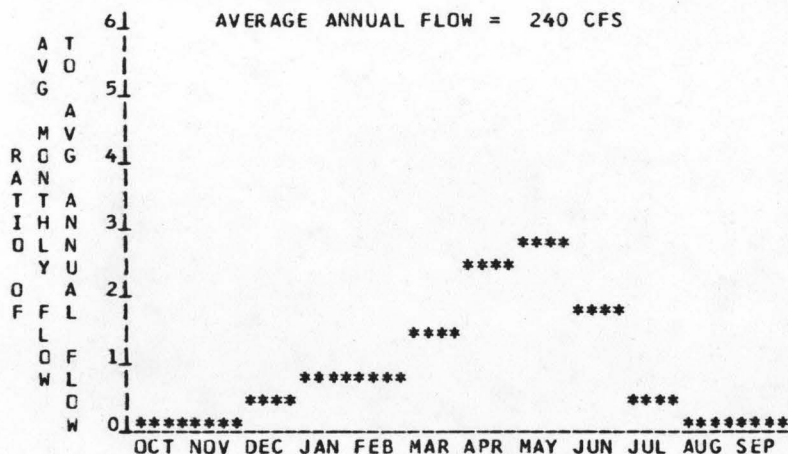
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4845 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4573 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	272 FT.
D. AVERAGE SLOPE IN REACH	14.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1670 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.12	0.99	0.98
80	25	0.58	4.52	0.90
50	72	1.66	10.69	0.74
30	143	3.30	16.43	0.57
10	614	14.15	35.45	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0550024020002CRO008

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T45N R49E
D. LATITUDE, LONGITUDE	41 49 116 30
E. STREAM NAME	SO FK GWYHEE RIVER
F. MAJOR BASIN NAME	GWYHEE RIVER
G. RIVER MILE	49.1 TO 52.6

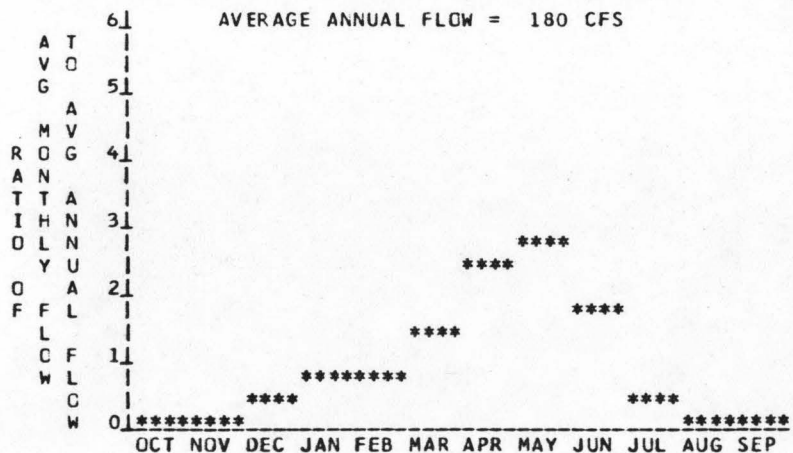
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4880 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4845 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	35 FT.
D. AVERAGE SLOPE IN REACH	10.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1090 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5	0.01	0.13	0.98
80	21	0.06	0.49	0.90
50	57	0.17	1.10	0.74
30	110	0.33	1.65	0.58
10	461	1.37	3.47	0.29

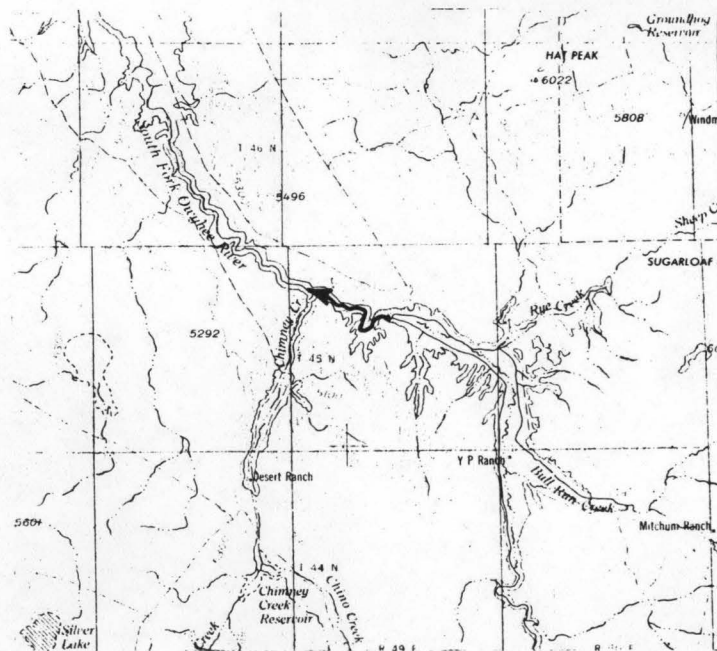
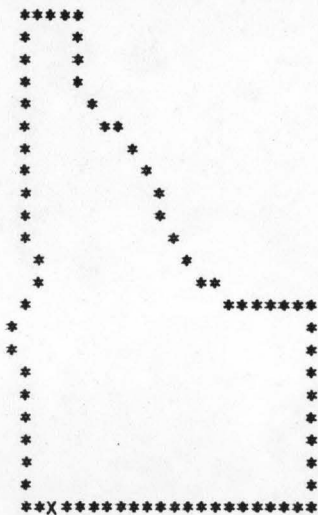
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
MC DERMITT



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0550024020C020R0010

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T44N R50E
D. LATITUDE, LONGITUDE	41 43 116 25
E. STREAM NAME	SO FK CUYHEE RIVER
F. MAJOR BASIN NAME	OWYHEE RIVER
G. RIVER MILE	52.6 TO 68.3

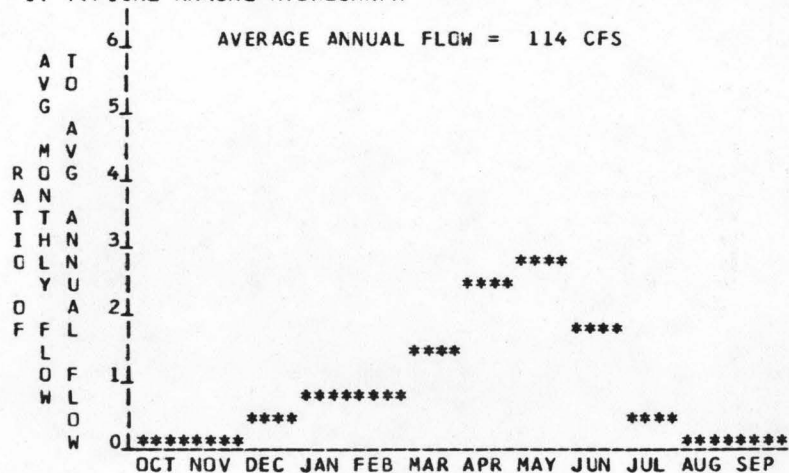
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5120 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4880 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	240 FT.
D. AVERAGE SLOPE IN REACH	15.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	699 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8	0.21	1.78	0.98
80	17	0.44	3.57	0.92
50	40	1.04	6.96	0.77
30	74	1.92	10.05	0.60
10	292	7.57	19.96	0.30

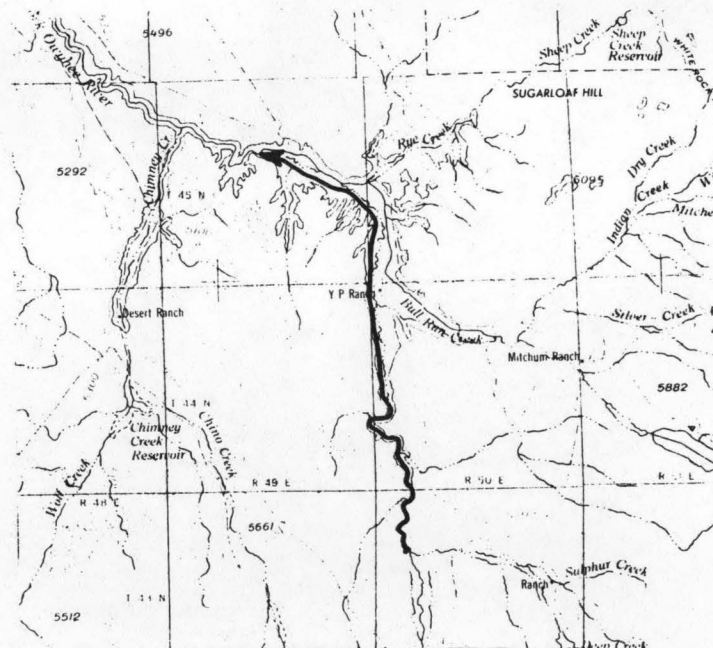
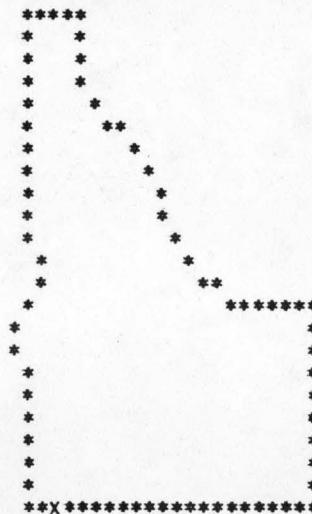
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
MC DERMITT



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402400COR0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T 7S R 6E
D. LATITUDE, LONGITUDE	42 50 115 45
E. STREAM NAME	BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	0.0 TO 11.8

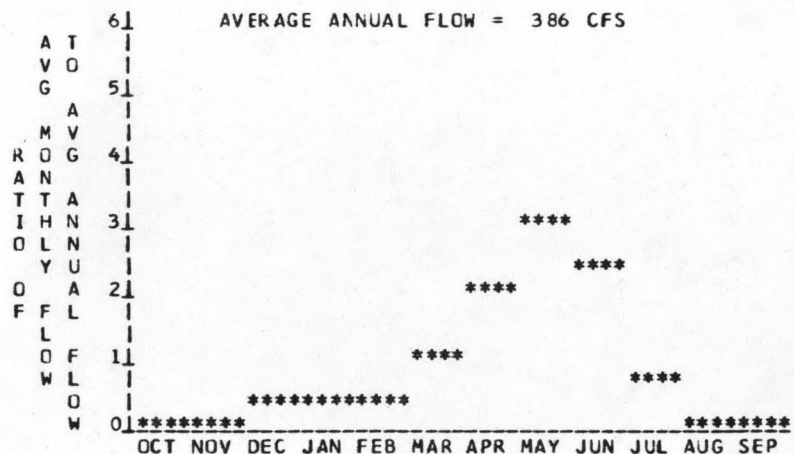
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	2610 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2455 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	155 FT.
D. AVERAGE SLOPE IN REACH	13.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2691 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	66	0.87	7.49	0.99
80	96	1.26	10.51	0.95
50	153	2.01	14.77	0.84
30	326	4.28	22.74	0.61
10	1224	16.08	43.40	0.31

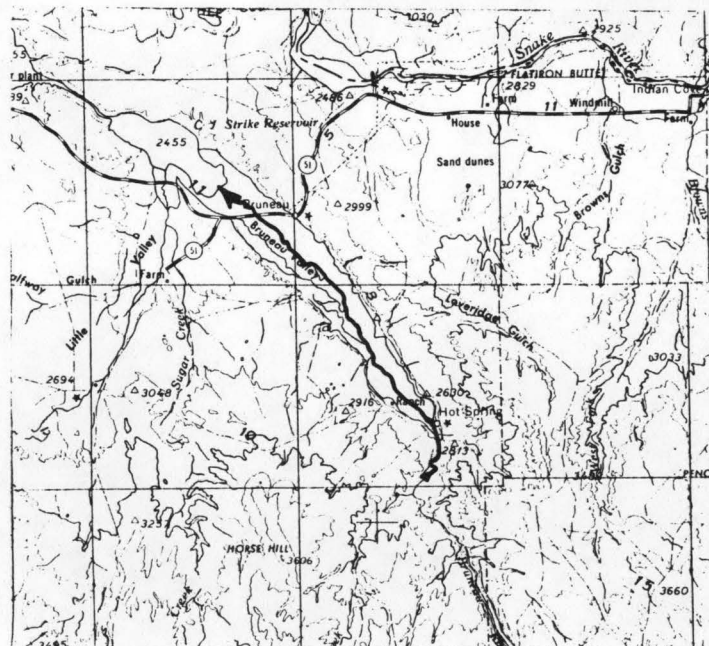
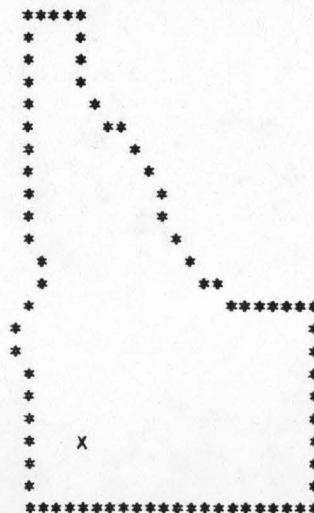
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

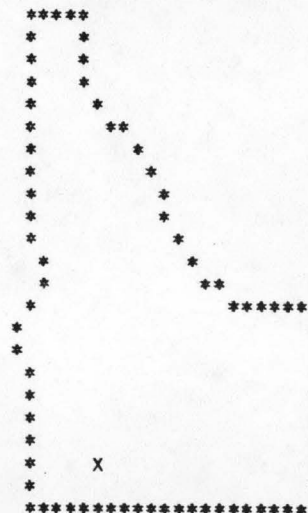
REACH NUMBER 03500240240000R0C04

I LOCATION

A. STATE	IDAHO
B. COUNTY	GWYHEE
C. TOWNSHIP, RANGE	T 9S R 6E
D. LATITUDE, LONGITUDE	42 38 115 42
E. STREAM NAME	BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	11.8 TO 29.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS



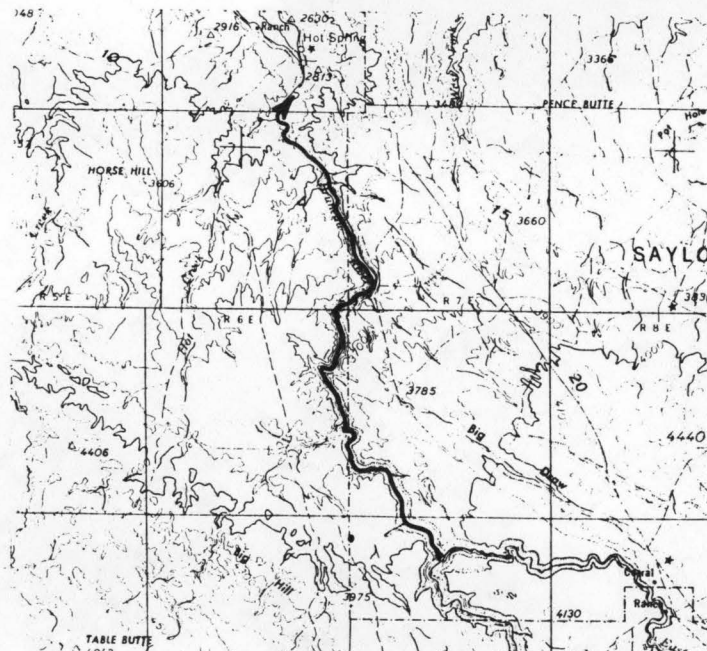
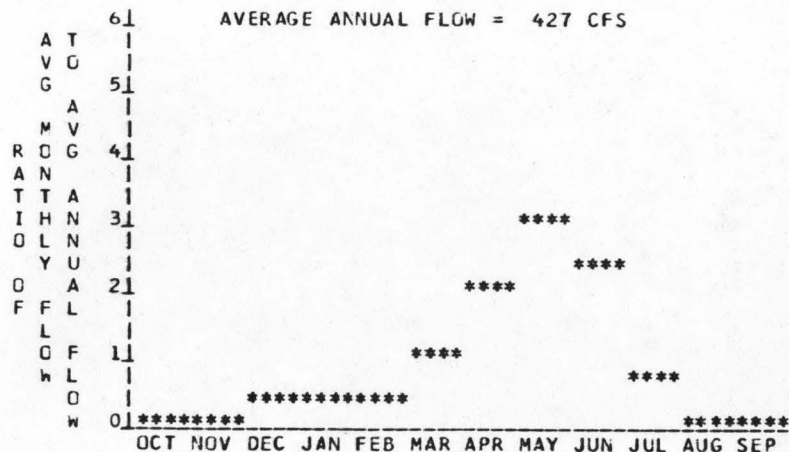
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3200 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2610 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	590 FT.
D. AVERAGE SLOPE IN REACH	33.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2612 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	63	3.15	27.21	0.99
80	91	4.55	37.94	0.95
50	146	7.30	53.60	0.84
30	311	15.55	82.51	0.61
10	1165	58.25	157.32	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024003GR0002

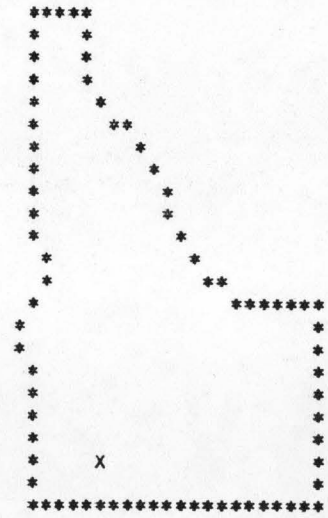
I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T10S R 7E
D. LATITUDE, LONGITUDE	42 30 115 36
E. STREAM NAME	W FK BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	0.0 TO 9.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



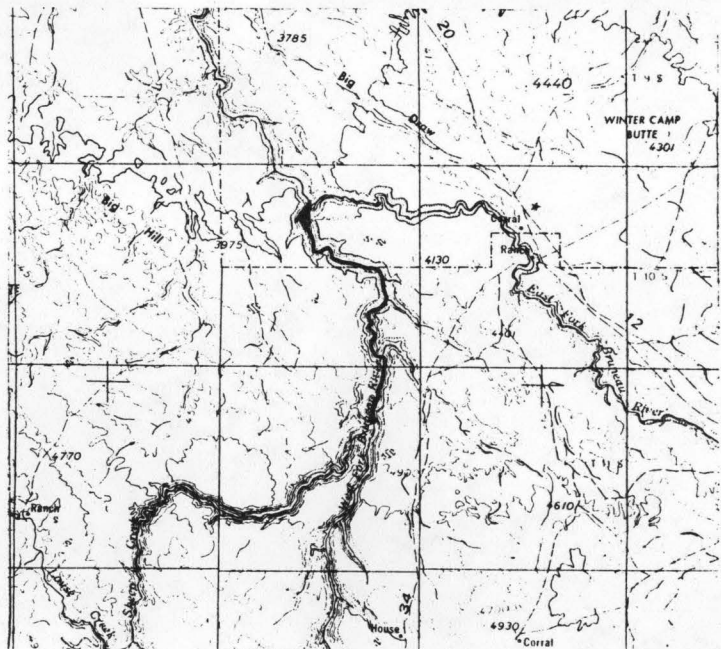
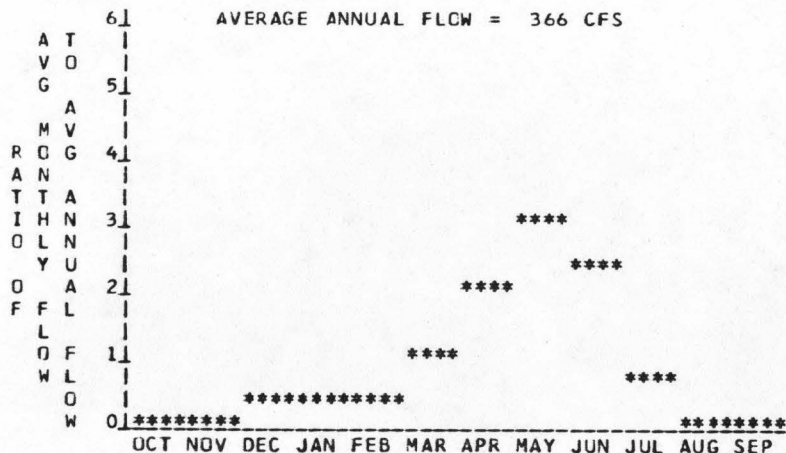
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3200 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	200 FT.
D. AVERAGE SLOPE IN REACH	21.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1813 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	47	0.80	6.88	0.99
80	68	1.15	9.61	0.95
50	113	1.92	13.95	0.83
30	242	4.10	21.61	0.60
10	899	15.24	41.12	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240240030R0004

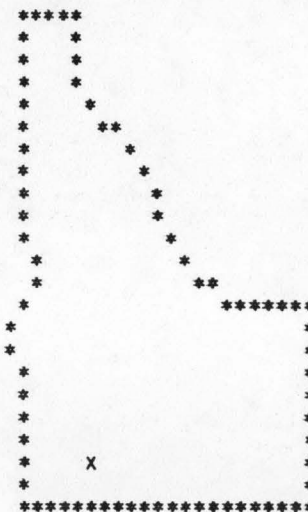
I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T12S R 7E
D. LATITUDE, LONGITUDE	42 23 115 38
E. STREAM NAME	W FK BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	9.2 TO 21.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



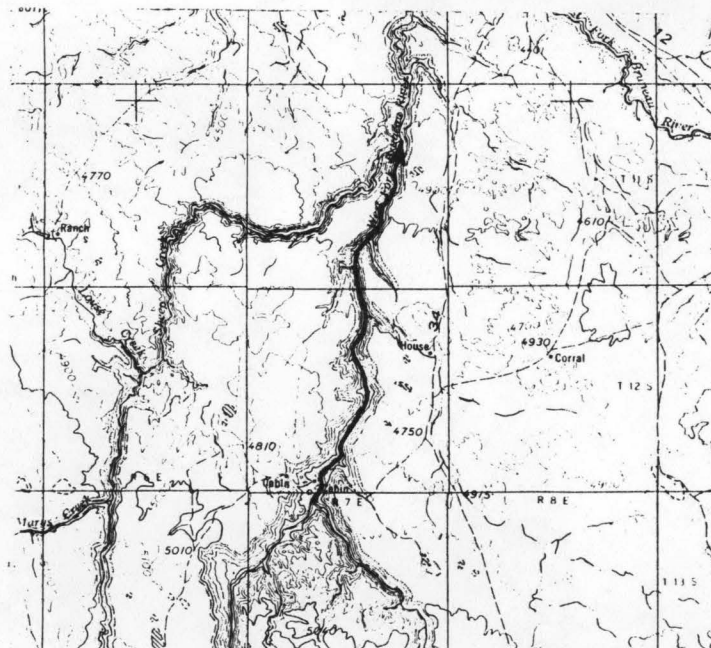
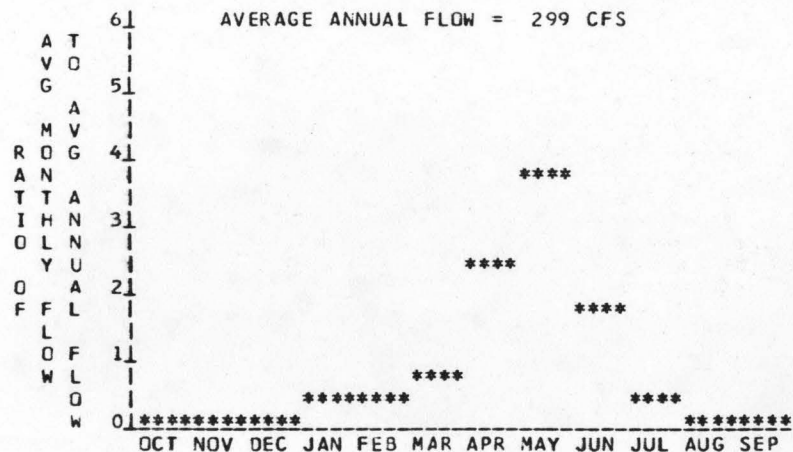
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3800 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3400 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	400 FT.
D. AVERAGE SLOPE IN REACH	33.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1175 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	1.05	9.08	0.99
80	46	1.56	12.98	0.95
50	83	2.81	20.12	0.82
30	175	5.93	31.05	0.60
10	646	21.90	59.02	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024003CR006

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T14S R 7E
D. LATITUDE, LONGITUDE	42 15 115 43
E. STREAM NAME	W FK BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	21.2 TO 36.1

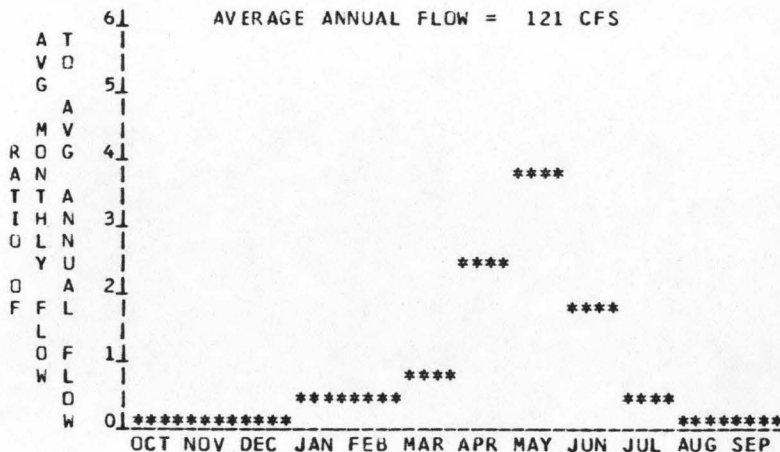
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3800 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	600 FT.
D. AVERAGE SLOPE IN REACH	40.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	541 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	13	0.66	5.71	0.99
80	22	1.12	9.22	0.94
50	48	2.44	16.75	0.78
30	101	5.14	26.19	0.58
10	362	18.41	49.44	0.31

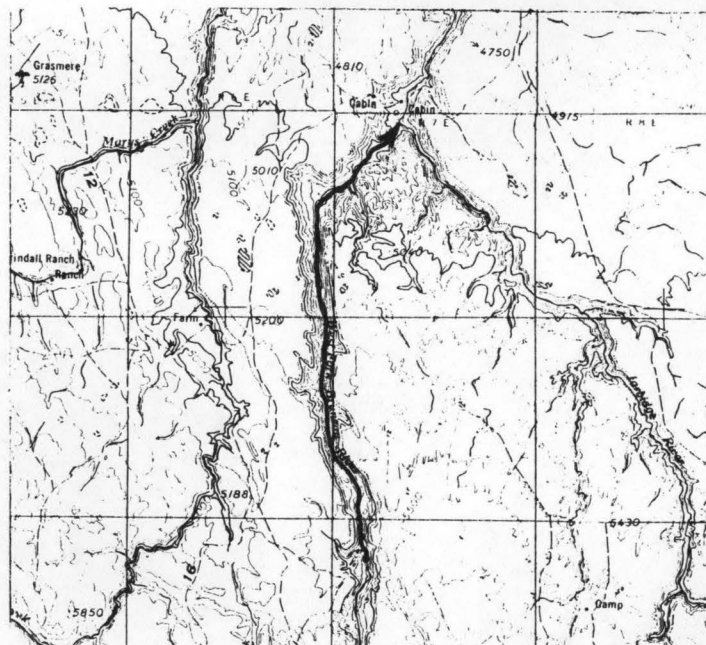
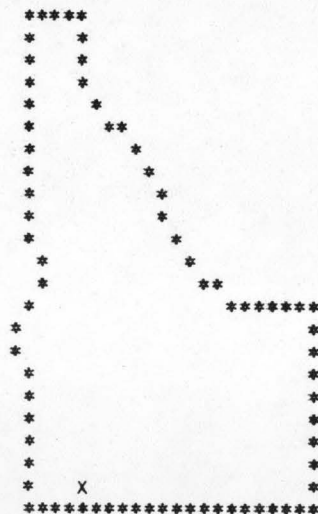
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240240030R0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T16S R 7E
D. LATITUDE, LONGITUDE	42 5 115 40
E. STREAM NAME	W FK BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	36.1 TO 47.5

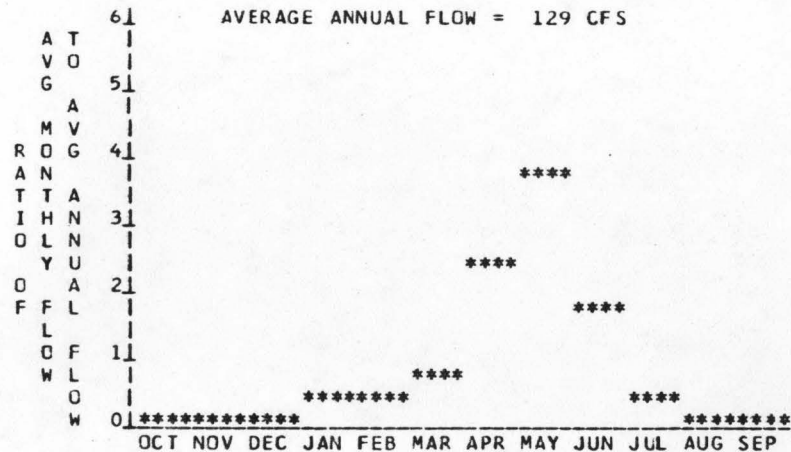
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4800 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4400 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	400 FT.
D. AVERAGE SLOPE IN REACH	35.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	481 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

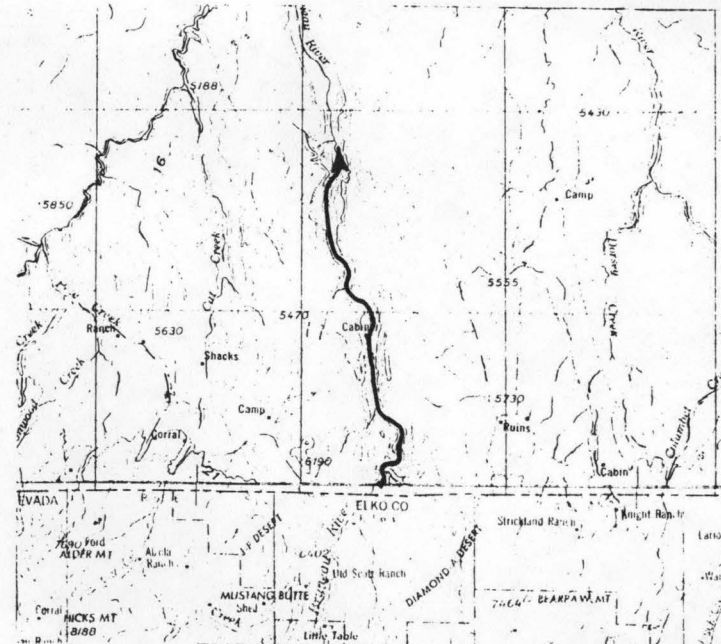
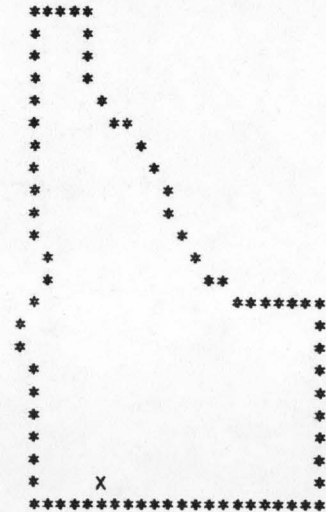
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.41	3.52	0.99
80	21	0.71	5.86	0.94
50	47	1.59	10.88	0.78
30	98	3.32	16.93	0.58
10	347	11.76	31.72	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0550024024003CR0009

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T47N R56E
D. LATITUDE, LONGITUDE	41 59 115 40
E. STREAM NAME	W FK BRUNEAU RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	47.5 TO 52.9

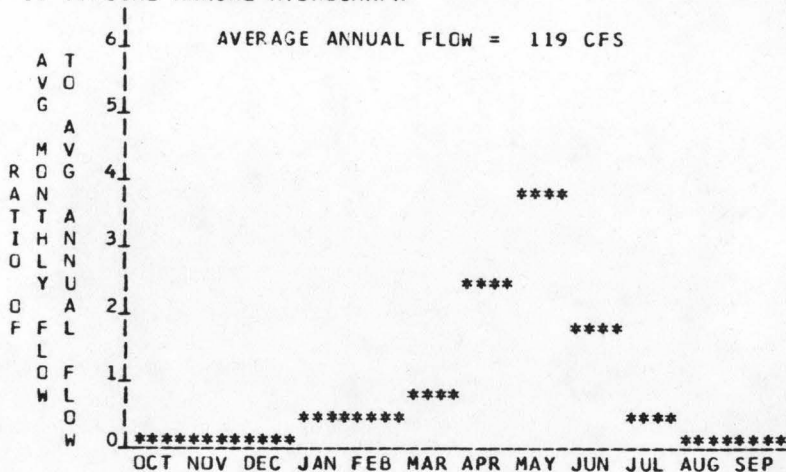
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4950 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4800 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	150 FT.
D. AVERAGE SLOPE IN REACH	27.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	442 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	10	0.18	1.59	0.99
80	19	0.35	2.85	0.94
50	44	0.81	5.46	0.77
30	92	1.68	8.53	0.58
10	325	5.95	16.01	0.31

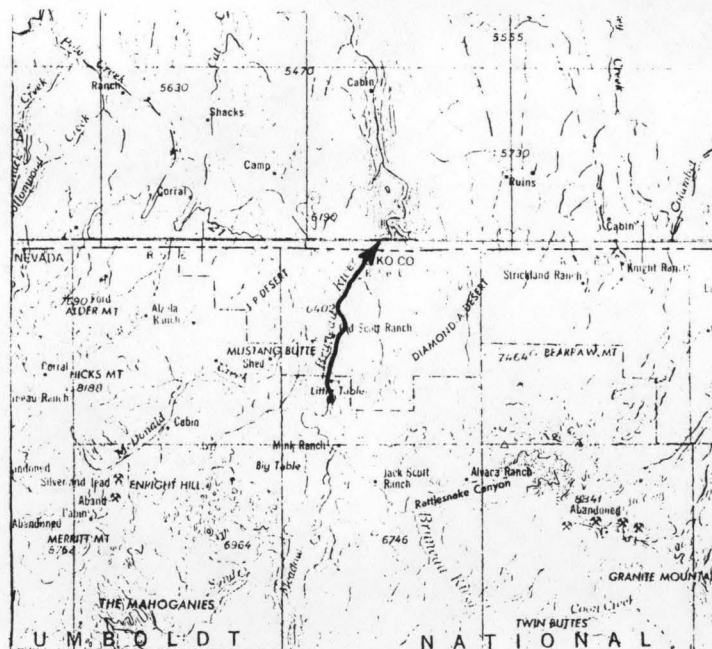
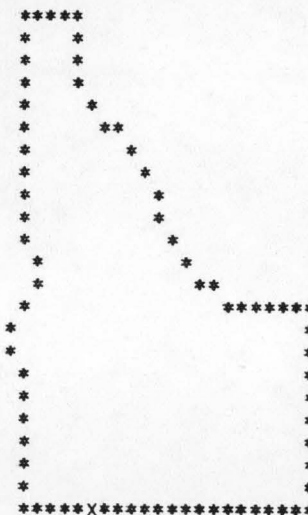
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE

MAP NAME
WELLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240240030R0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	OWYHEE
C. TOWNSHIP, RANGE	T14S R 8E
D. LATITUDE, LONGITUDE	42 12 115 30
E. STREAM NAME	JARBRIDGE RIVER
F. MAJOR BASIN NAME	BRUNEAU RIVER
G. RIVER MILE	0.0 TO 17.4

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS

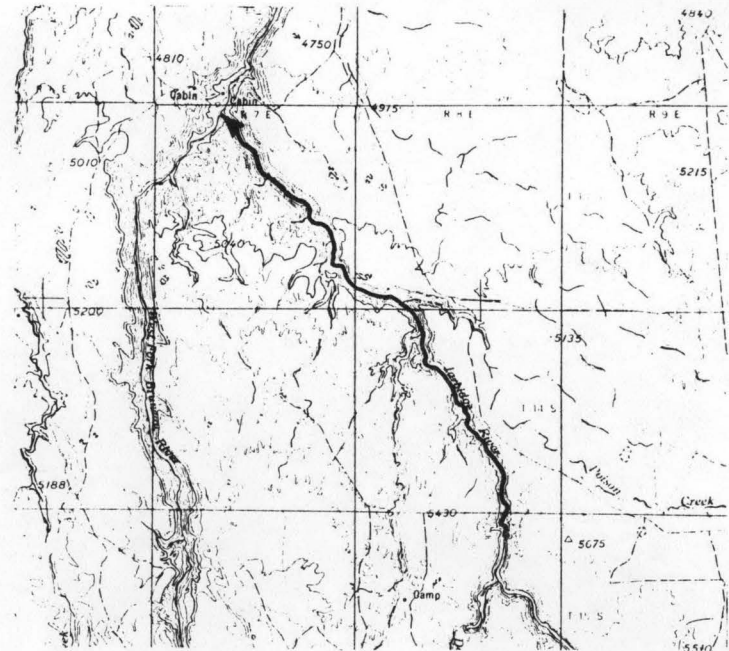
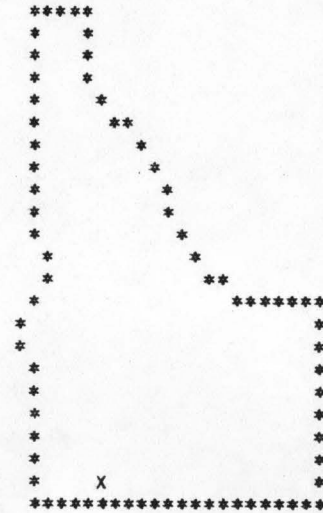
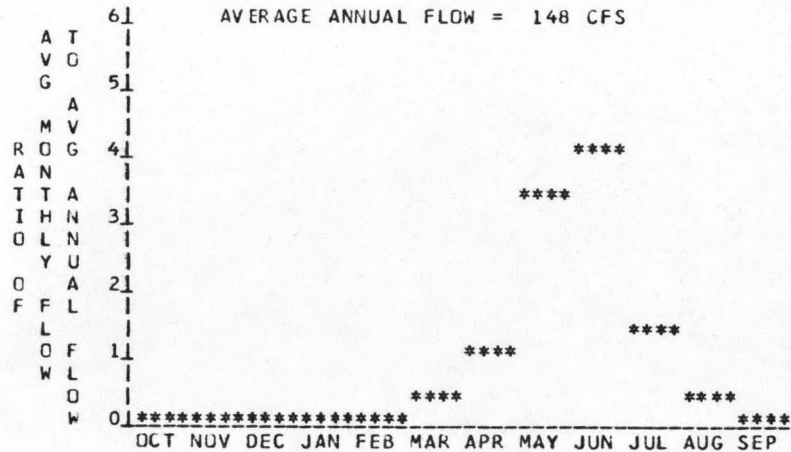
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4600 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3800 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	800 FT.
D. AVERAGE SLOPE IN REACH	46.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	476 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATICA AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	11	0.75	6.50	1.00
80	17	1.15	9.62	0.95
50	38	2.58	17.73	0.79
30	101	6.85	32.69	0.55
10	530	35.93	83.65	0.27

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRU-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242000R0004

I LOCATION

A. STATE IDAHO
 B. COUNTY GOODING
 C. TOWNSHIP, RANGE T06S R13E
 D. LATITUDE, LONGITUDE 42 52 114 54
 E. STREAM NAME MALAD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 1.4 TO 2.4

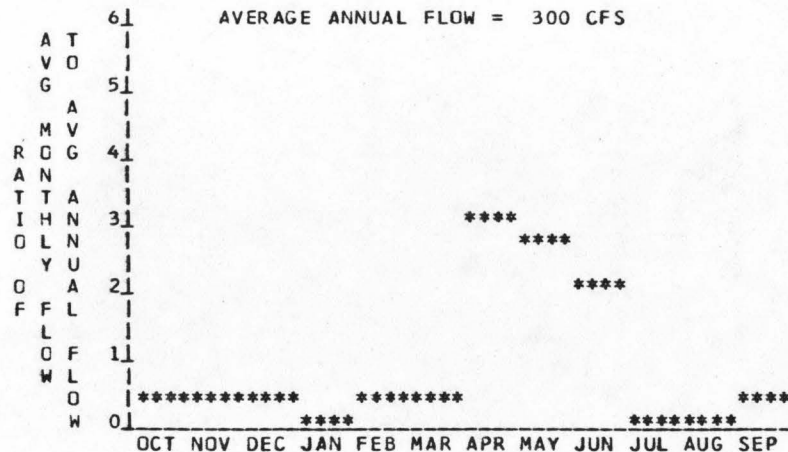
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3020 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2875 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 145 FT.
 D. AVERAGE SLOPE IN REACH 145.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3012 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	300	3.69	32.29	1.00
80	300	3.69	32.29	1.00
50	300	3.69	32.29	1.00
30	300	3.69	32.29	1.00
10	300	3.69	32.29	1.00

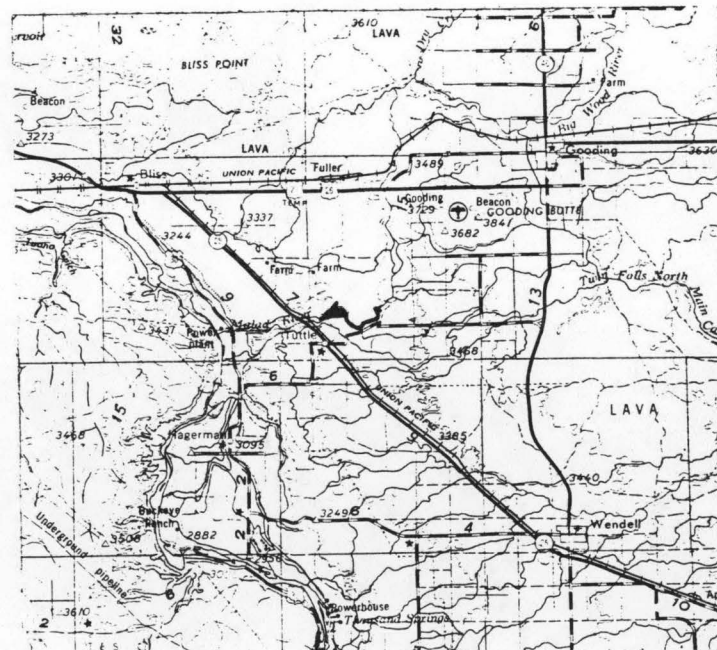
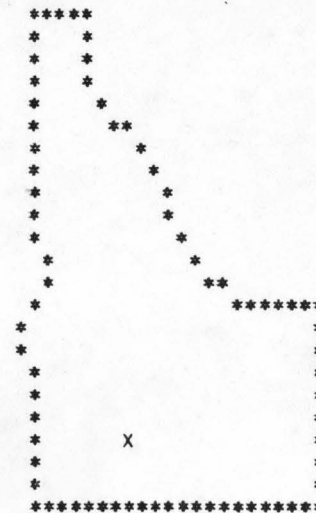
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242000R0C06

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING
C. TOWNSHIP, RANGE	T 6S R13E
D. LATITUDE, LONGITUDE	42 52 114 53
E. STREAM NAME	MALAD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	2.4 TO 3.5

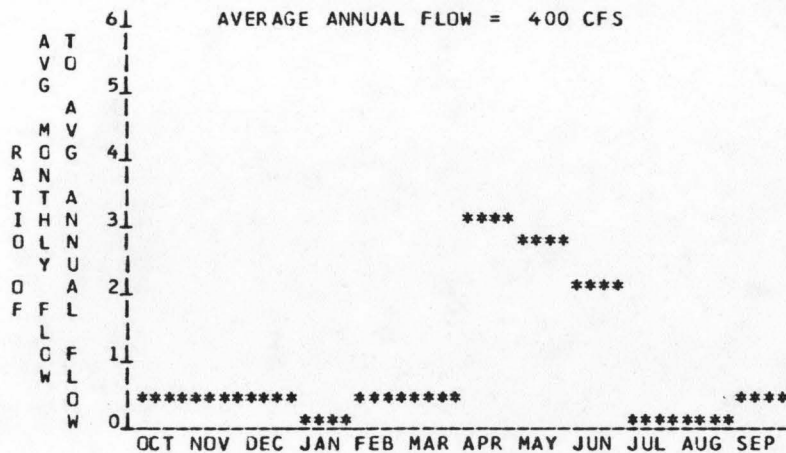
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3280 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3020 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	260 FT.
D. AVERAGE SLOPE IN REACH	236.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	3009 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	400	8.81	77.21	1.00
80	400	8.81	77.21	1.00
50	400	8.81	77.21	1.00
30	400	8.81	77.21	1.00
10	400	8.81	77.21	1.00

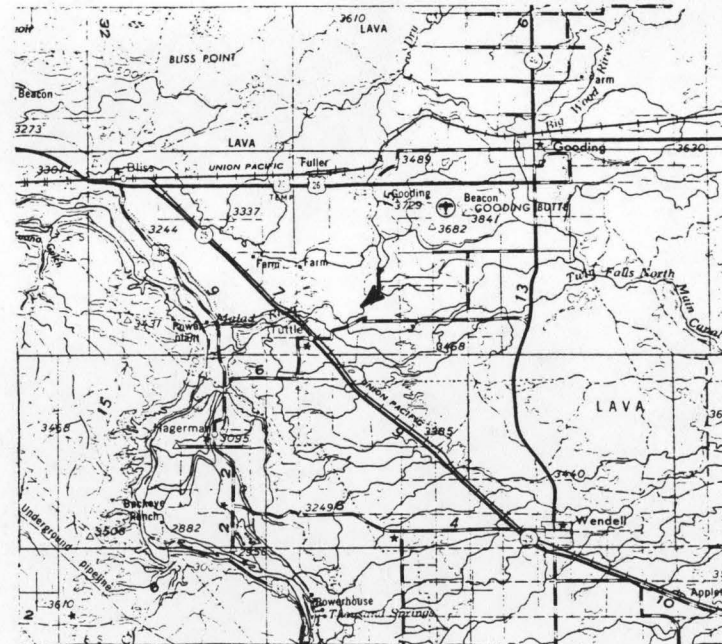
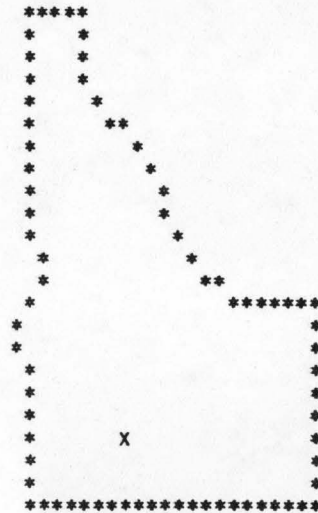
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242000R0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING
C. TOWNSHIP, RANGE	T 6S R14E
D. LATITUDE, LONGITUDE	42 54 114 48
E. STREAM NAME	MALAD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	3.5 TO 11.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS

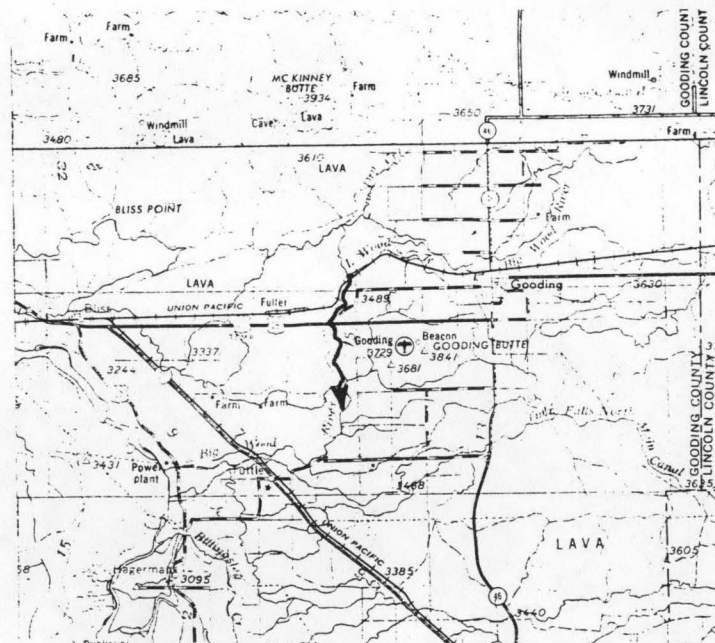
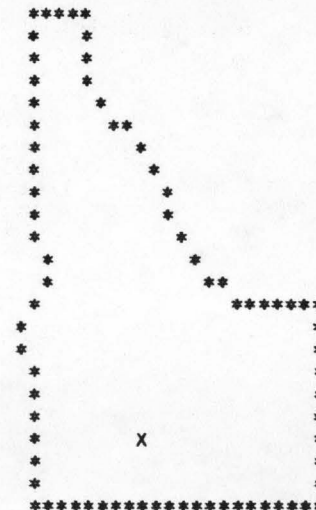
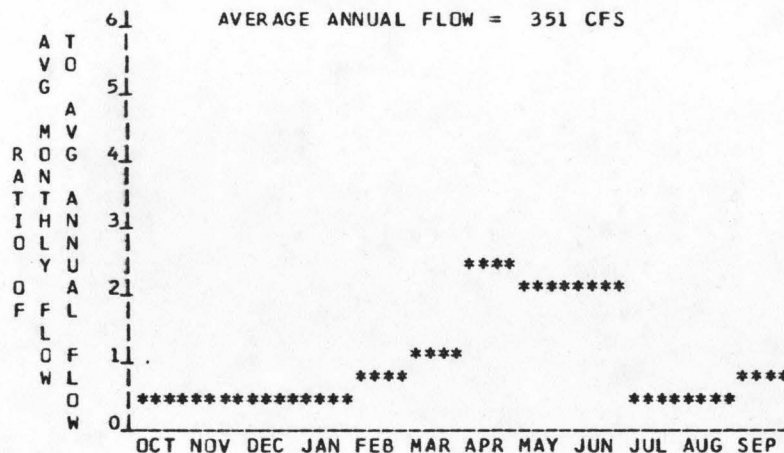
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3420 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3280 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	140 FT.
D. AVERAGE SLOPE IN REACH	16.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	3006 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.14	1.22	0.98
80	54	0.64	5.04	0.90
50	130	1.54	10.17	0.75
30	250	2.97	15.16	0.58
10	1000	11.86	30.75	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING
C. TOWNSHIP, RANGE	T 5S R14E
D. LATITUDE, LONGITUDE	42 58 114 48
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	0.0 TO 2.6

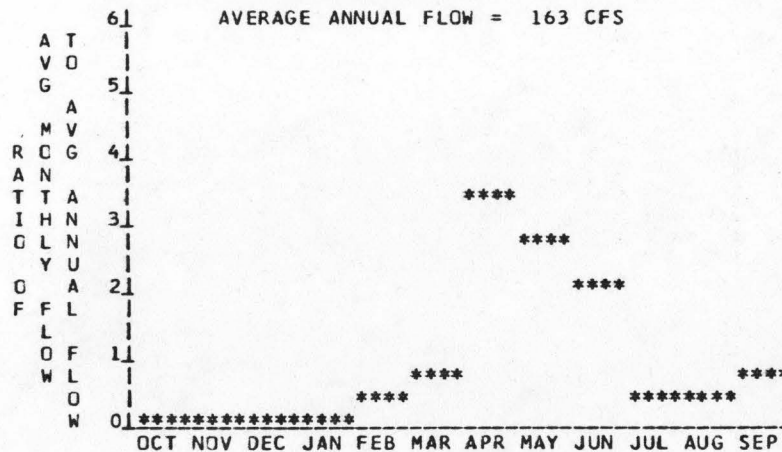
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3490 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3420 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	70 FT.
D. AVERAGE SLOPE IN REACH	26.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	2105 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1	0.01	0.05	0.98
80	2	0.01	0.10	0.93
50	56	0.33	1.92	0.66
30	122	0.72	3.29	0.52
10	316	1.87	5.31	0.32

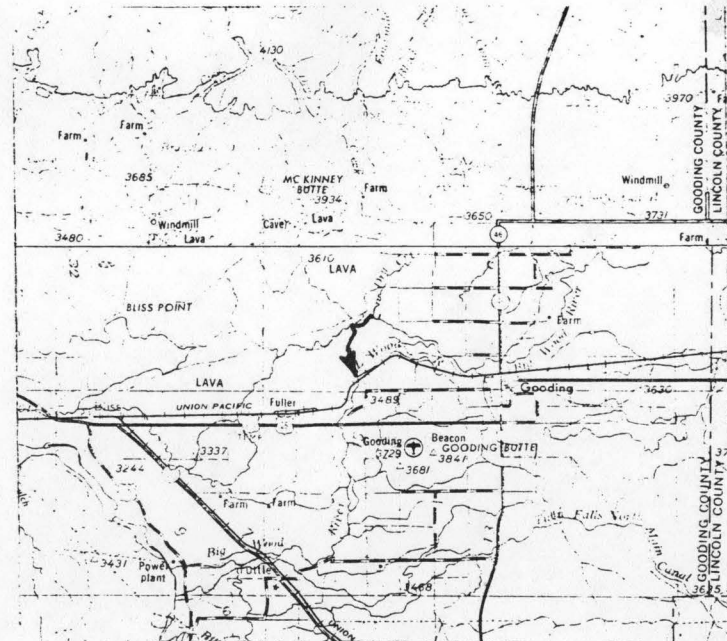
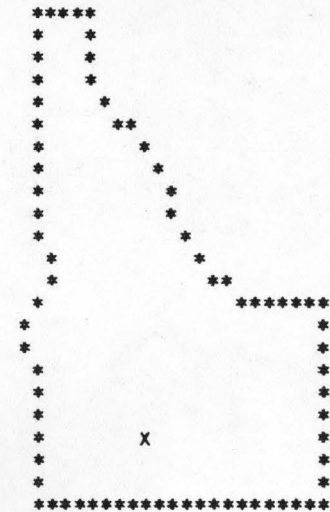
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024201CR0004

I LOCATION

A. STATE IDAHO
 B. COUNTY GOODING
 C. TOWNSHIP, RANGE T 5S R14E
 D. LATITUDE, LONGITUDE 42 58 114 46
 E. STREAM NAME BIG WOOD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 2.6 TO 5.6

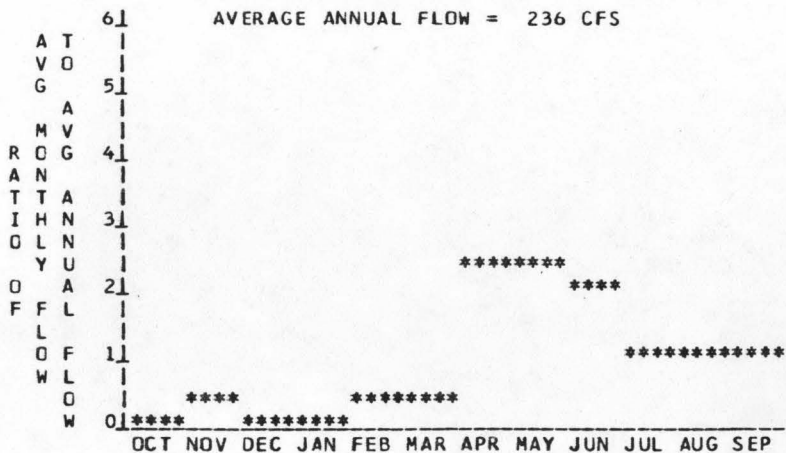
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3530 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3496 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 34 FT.
 D. AVERAGE SLOPE IN REACH 11.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1983 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

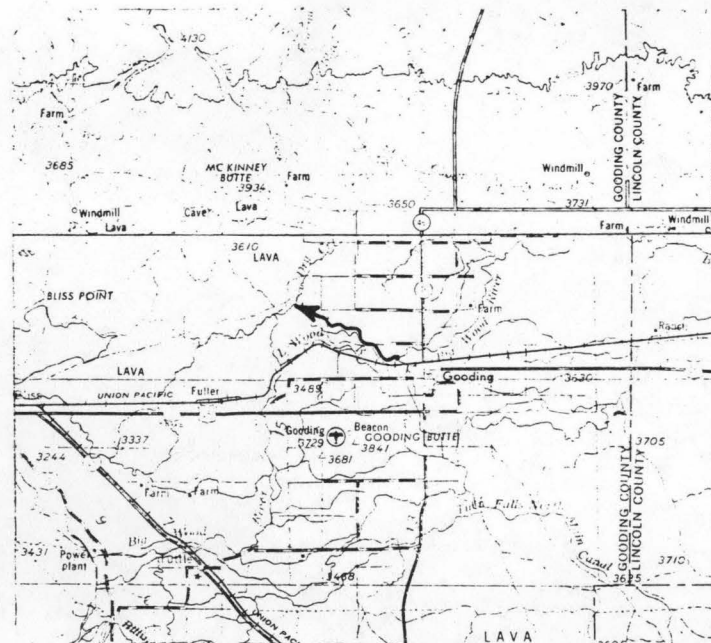
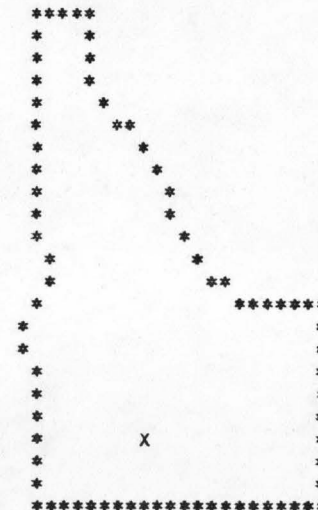
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3	0.01	0.07	0.98
80	19	0.05	0.43	0.89
50	157	0.45	2.69	0.68
30	248	0.71	3.61	0.58
10	397	1.14	4.36	0.44

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0006

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING
C. TOWNSHIP, RANGE	T 5S R15E
D. LATITUDE, LONGITUDE	42 57 114 44
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	5.6 TO 6.1

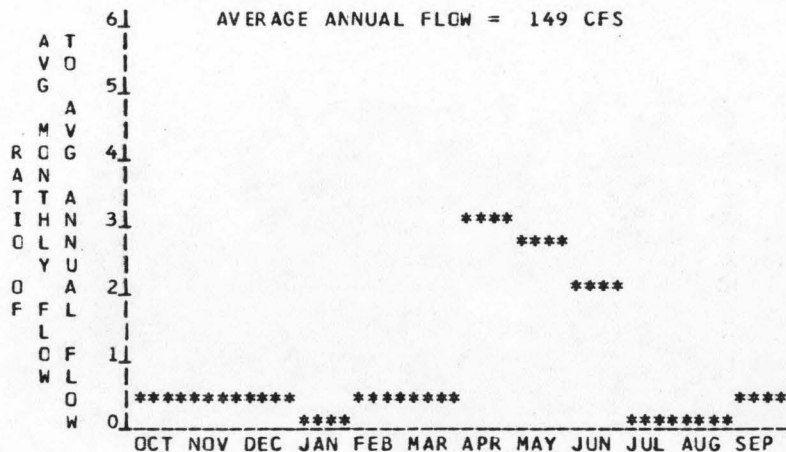
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3535 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3530 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	5 FT.
D. AVERAGE SLOPE IN REACH	10.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1979 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

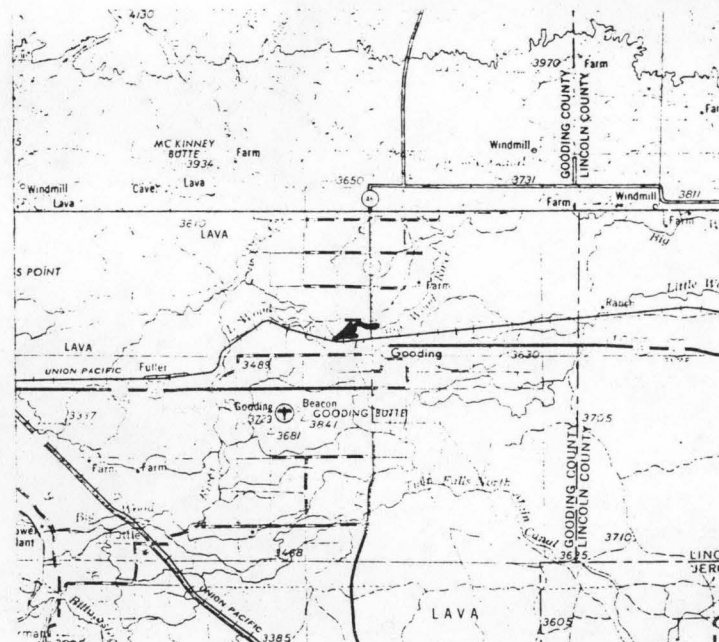
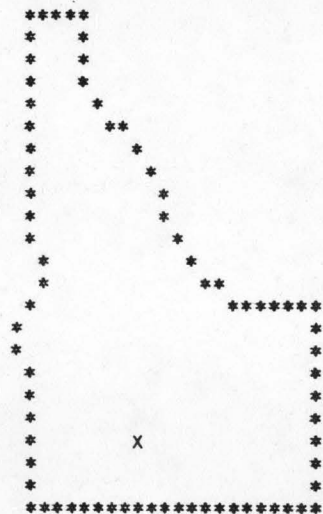
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2	0.00	0.01	0.98
80	11	0.00	0.04	0.89
50	51	0.02	0.13	0.70
30	88	0.04	0.19	0.58
10	287	0.12	0.34	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024201CRC008

I LOCATION

A. STATE IDAHO
 B. COUNTY GOODING
 C. TOWNSHIP, RANGE T 5S R15E
 D. LATITUDE, LONGITUDE 42 57 114 42
 E. STREAM NAME BIG WOOD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 6.1 TO 13.4

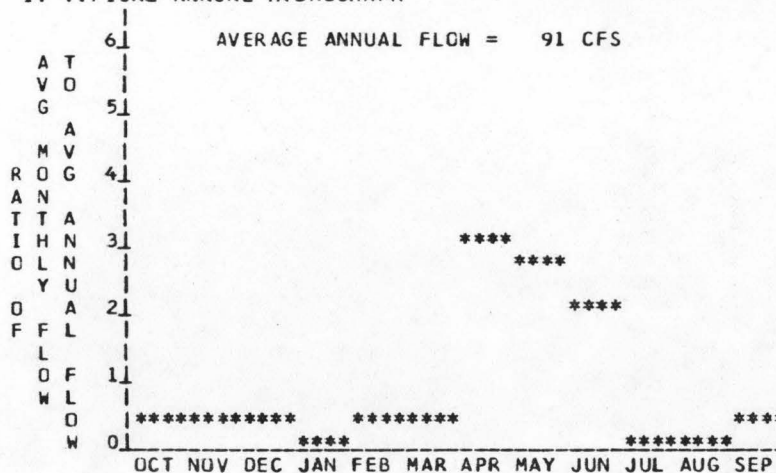
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3670 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3535 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 135 FT.
 D. AVERAGE SLOPE IN REACH 18.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1978 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

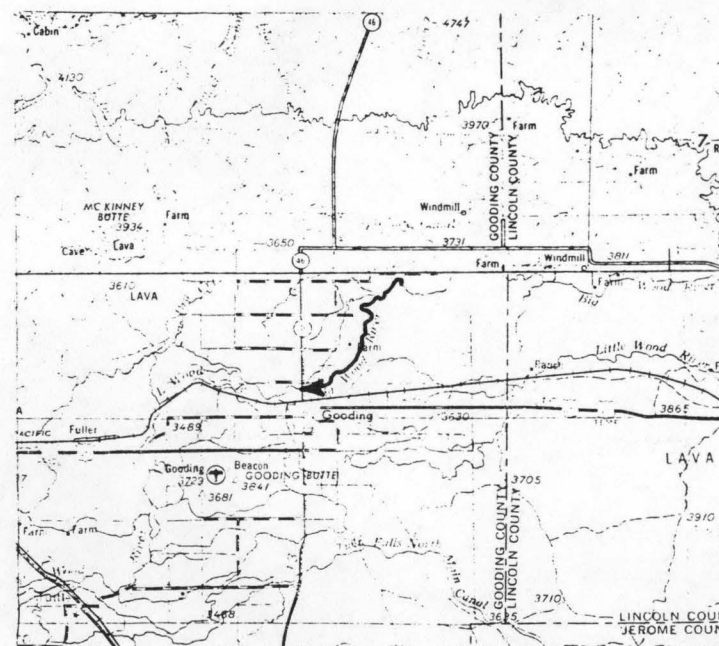
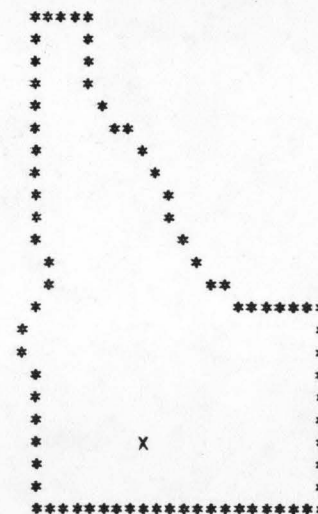
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2	0.03	0.29	0.98
80	12	0.20	1.60	0.89
50	98	1.67	9.94	0.68
30	153	2.61	13.22	0.58
10	234	3.99	15.64	0.45

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024024201CR0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 2S R18E
D. LATITUDE, LONGITUDE	43 14 114 22
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	52.7 TO 55.4

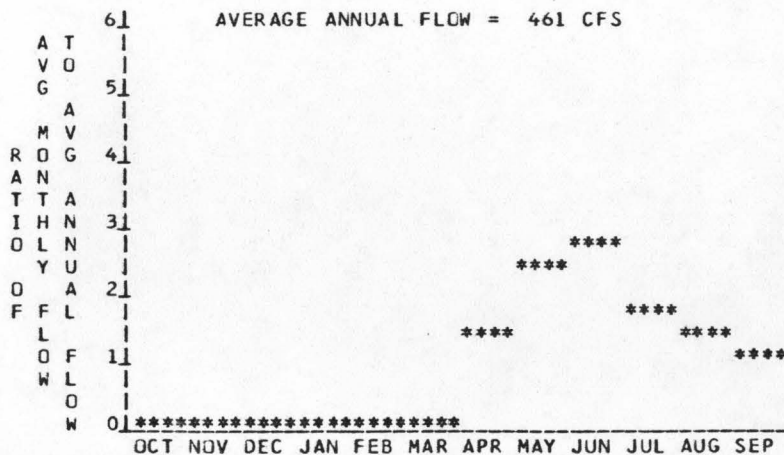
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4674 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4562 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	112 FT.
D. AVERAGE SLOPE IN REACH	41.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1605 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE	ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH	
95	5	0.05	0.41	0.98
80	11	0.10	0.85	0.92
50	68	0.65	3.93	0.69
30	722	6.85	25.68	0.43
10	1059	10.05	31.28	0.36

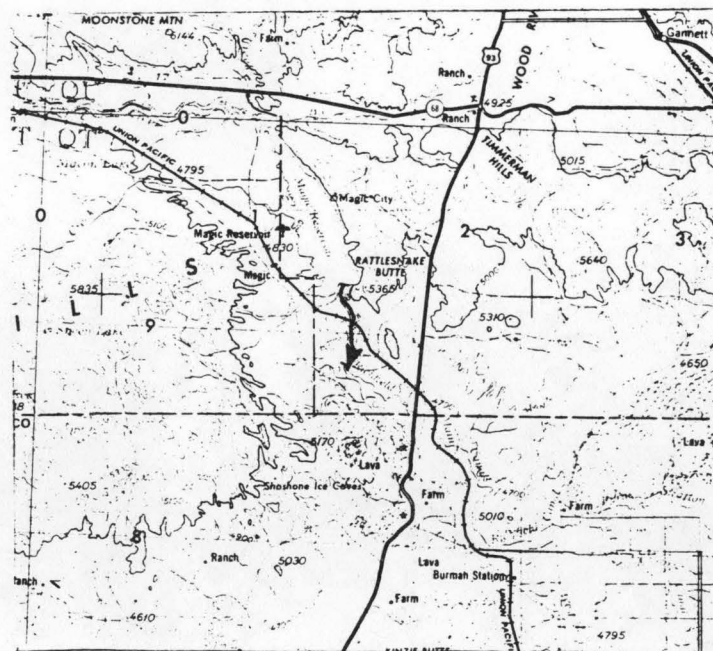
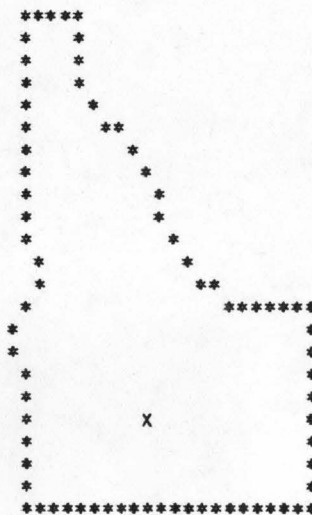
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0014

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 1N R18E
D. LATITUDE, LONGITUDE	43 25 114 16
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	61.9 TO 81.4

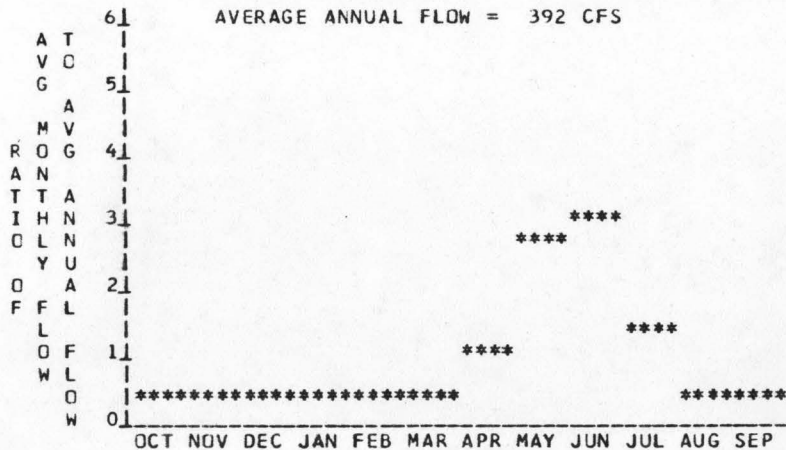
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5280 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4797 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	483 FT.
D. AVERAGE SLOPE IN REACH	24.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	820 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	74	3.03	26.14	0.99
80	107	4.38	36.49	0.95
50	163	6.67	49.54	0.85
30	270	11.05	64.89	0.67
10	1060	43.39	121.54	0.32

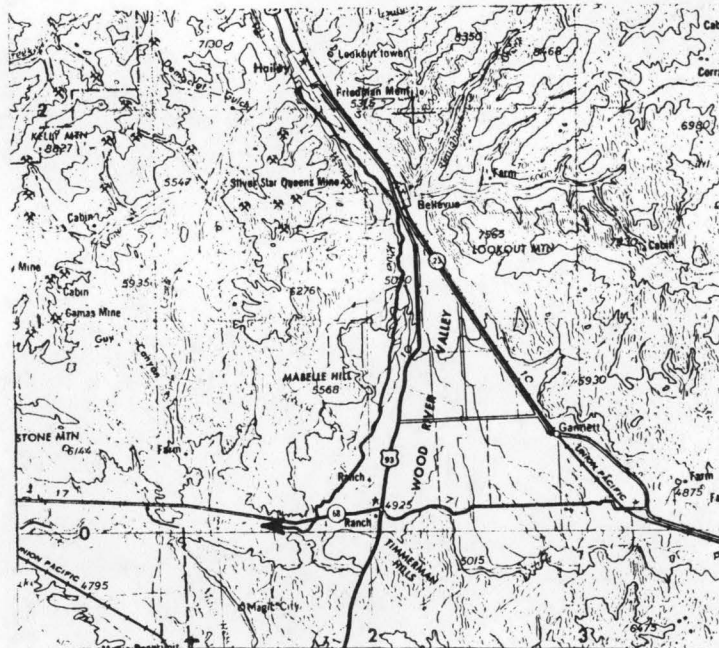
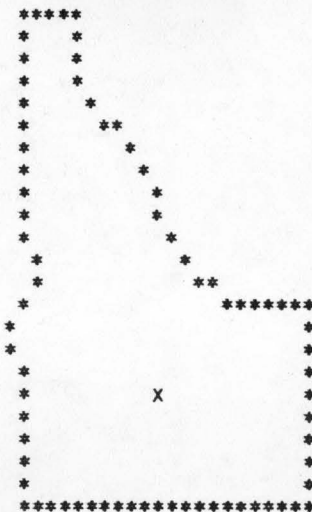
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 3N R18E
D. LATITUDE, LONGITUDE	43 32 114 20
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	81.4 TO 84.5

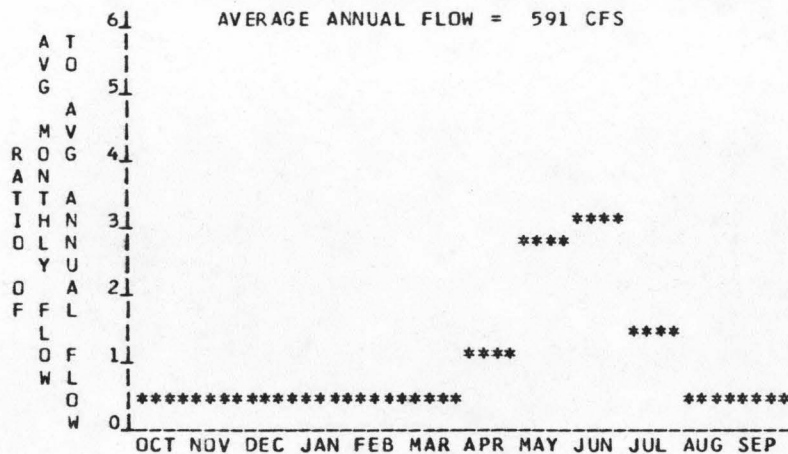
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5400 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5280 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	120 FT.
D. AVERAGE SLOPE IN REACH	38.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	629 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

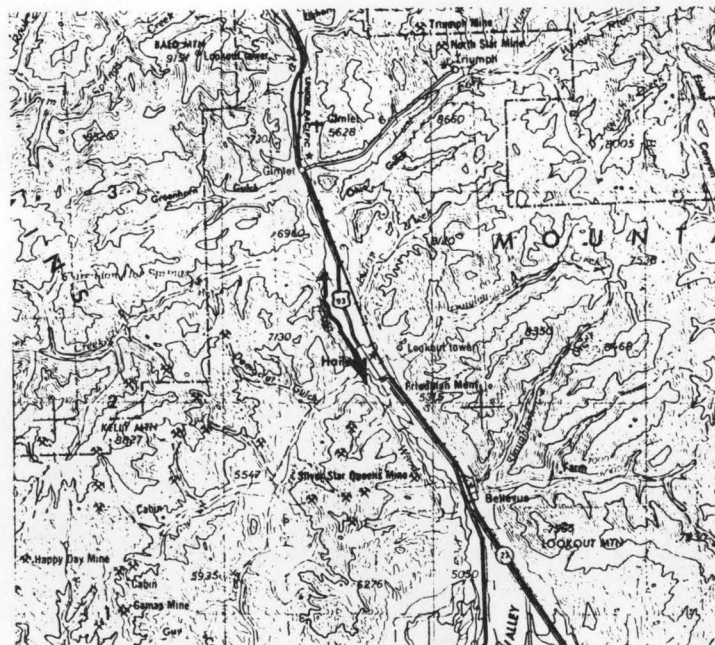
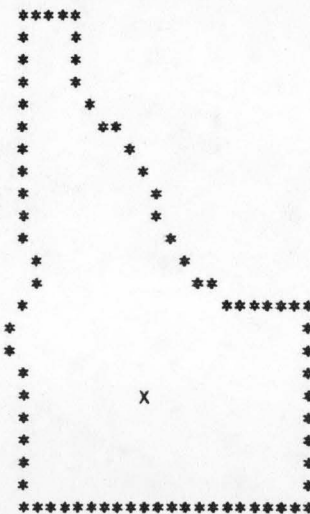
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	142	1.45	12.71	1.00
80	189	1.93	16.37	0.97
50	279	2.84	21.54	0.87
30	435	4.43	27.10	0.70
10	1705	17.34	49.73	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0C20

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 4N R18E
D. LATITUDE, LONGITUDE	43 39 114 21
E. STREAM NAME	BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	88.1 TO 94.4

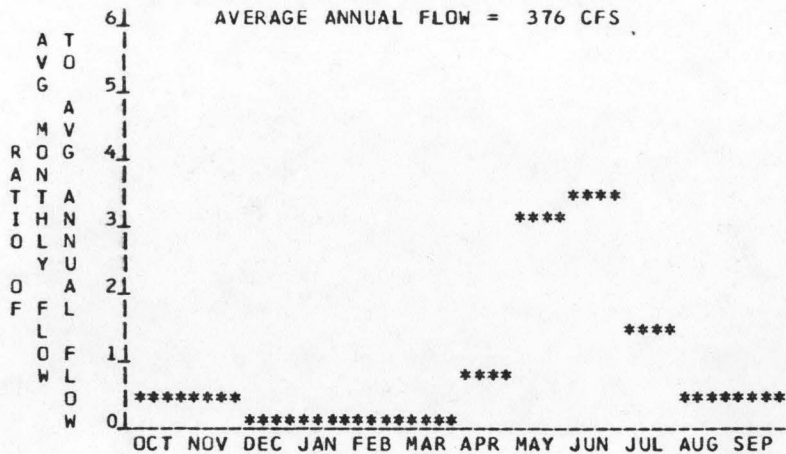
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5760 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5540 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	220 FT.
D. AVERAGE SLOPE IN REACH	34.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	433 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	84	1.57	13.70	1.00
80	115	2.16	18.22	0.96
50	171	3.20	24.15	0.86
30	269	5.03	30.55	0.69
10	1090	20.33	57.37	0.32

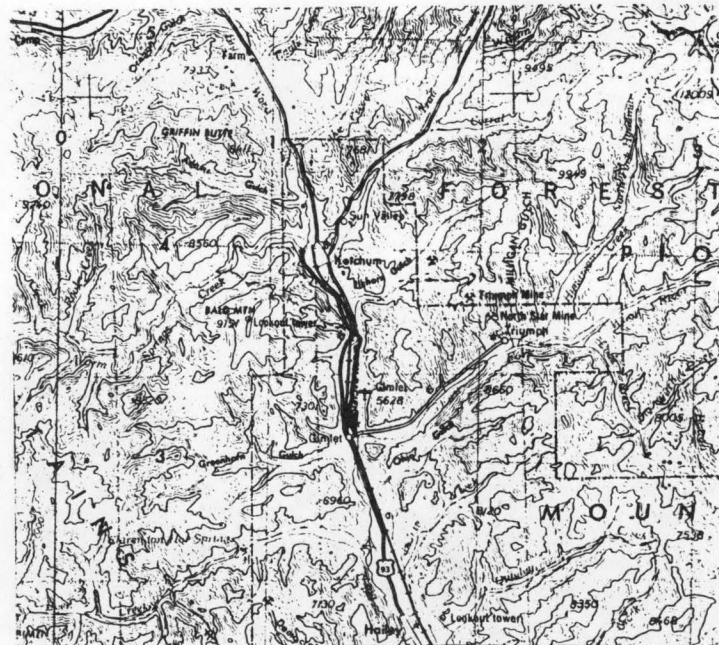
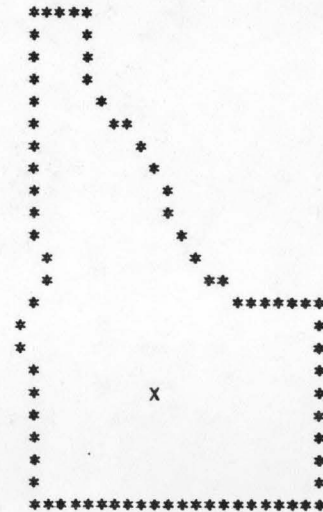
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0022

I LOCATION

A. STATE IDAHO
 B. COUNTY BLAINE
 C. TOWNSHIP, RANGE T 5N R17E
 D. LATITUDE, LONGITUDE 43 45 114 23
 E. STREAM NAME BIG WOOD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 94.4 TO 102.4

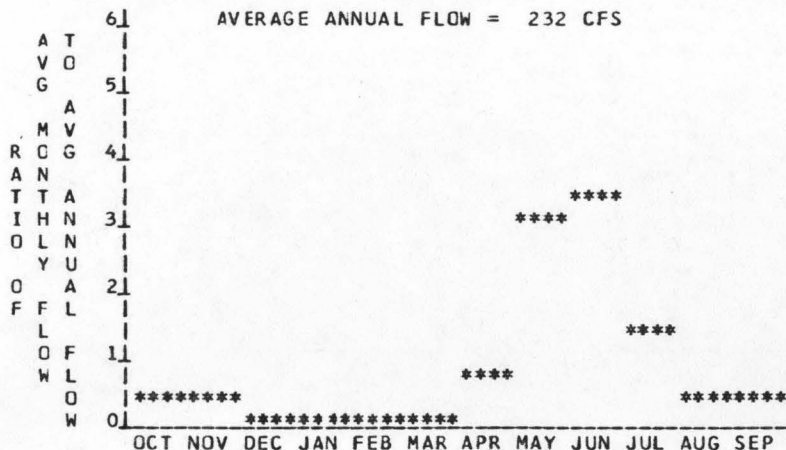
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6240 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5760 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 480 FT.
 D. AVERAGE SLOPE IN REACH 60.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 243 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

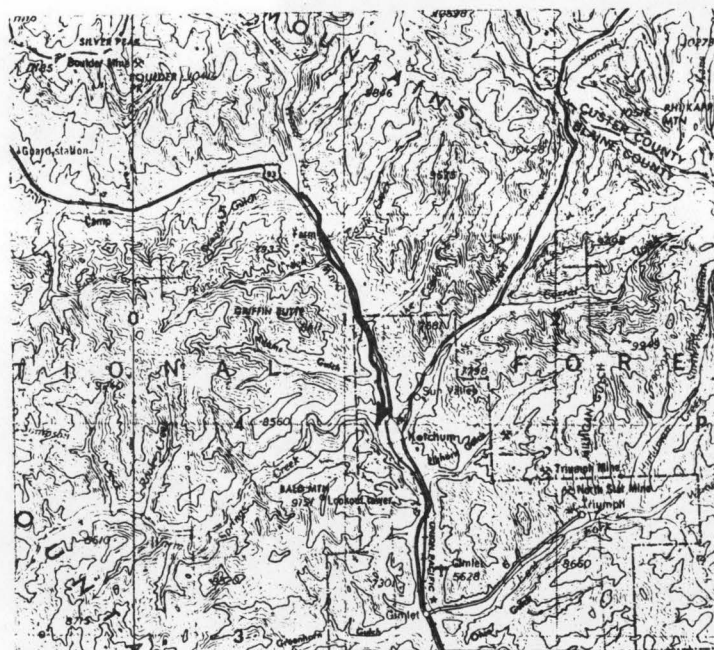
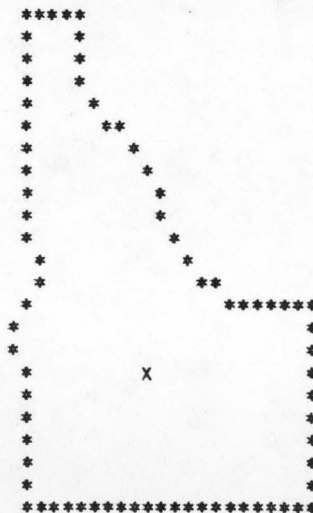
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	47	1.94	16.98	1.00
80	68	2.77	23.35	0.96
50	102	4.16	31.21	0.86
30	161	6.59	39.73	0.69
10	677	27.55	76.45	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242010R0C24

I LOCATION

A. STATE IDAHO
 B. COUNTY BLAINE
 C. TOWNSHIP, RANGE T 5N R16E
 D. LATITUDE, LONGITUDE 43 48 114 32
 E. STREAM NAME BIG WOOD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 102.4 TO 108.5

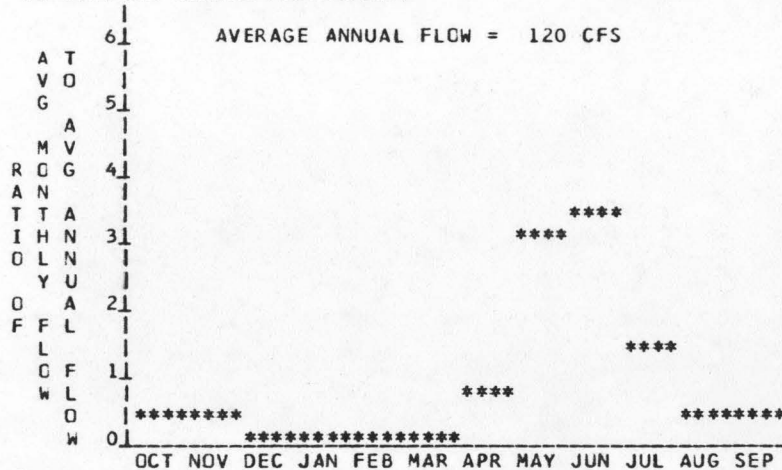
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6560 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6240 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 320 FT.
 D. AVERAGE SLOPE IN REACH 52.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 139 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

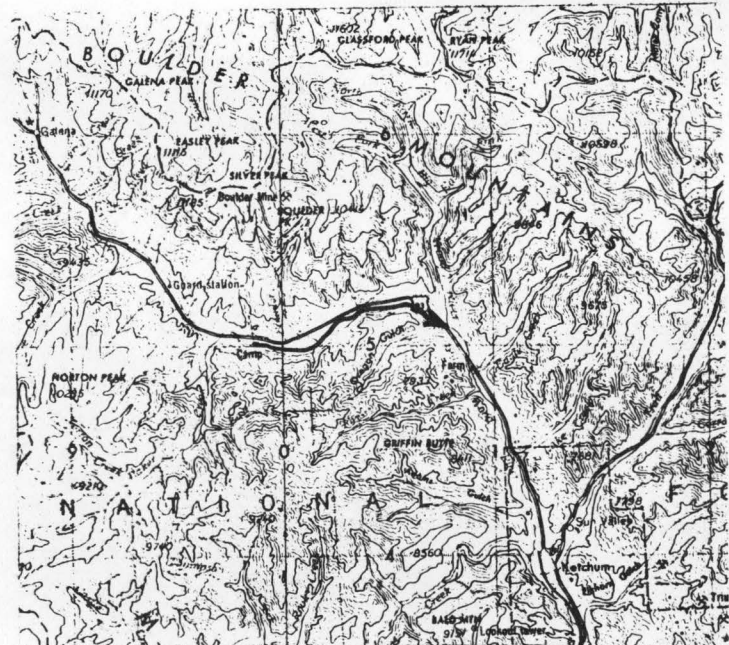
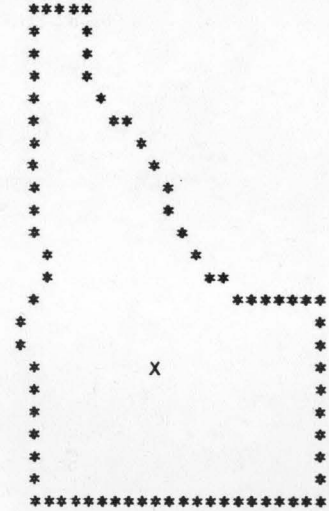
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	22	0.72	6.31	1.00
80	33	1.09	9.09	0.96
50	50	1.65	12.29	0.85
30	80	2.64	15.77	0.68
10	353	11.56	31.41	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024201CR0026

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 4N R19E
D. LATITUDE, LONGITUDE	43 40 114 13
E. STREAM NAME	EA FK BIG WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	0.0 TO 6.1

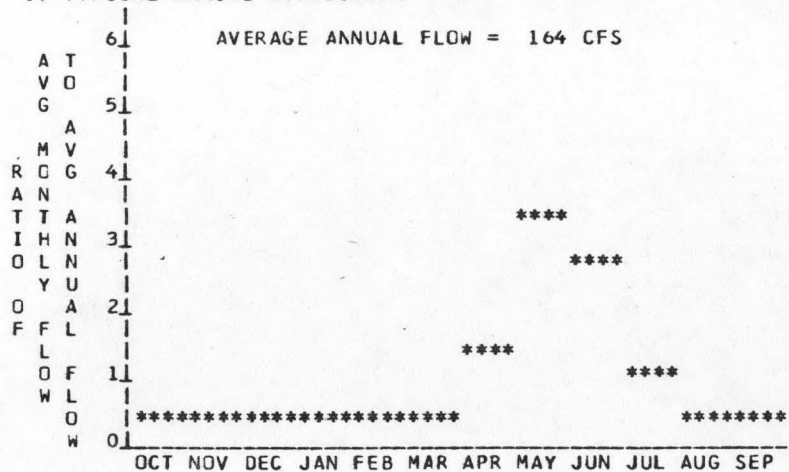
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6080 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5540 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	540 FT.
D. AVERAGE SLOPE IN REACH	88.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	87 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	1.64	14.28	1.00
80	46	2.40	20.13	0.96
50	70	3.62	27.06	0.85
30	112	5.77	34.59	0.68
10	481	24.71	67.78	0.31

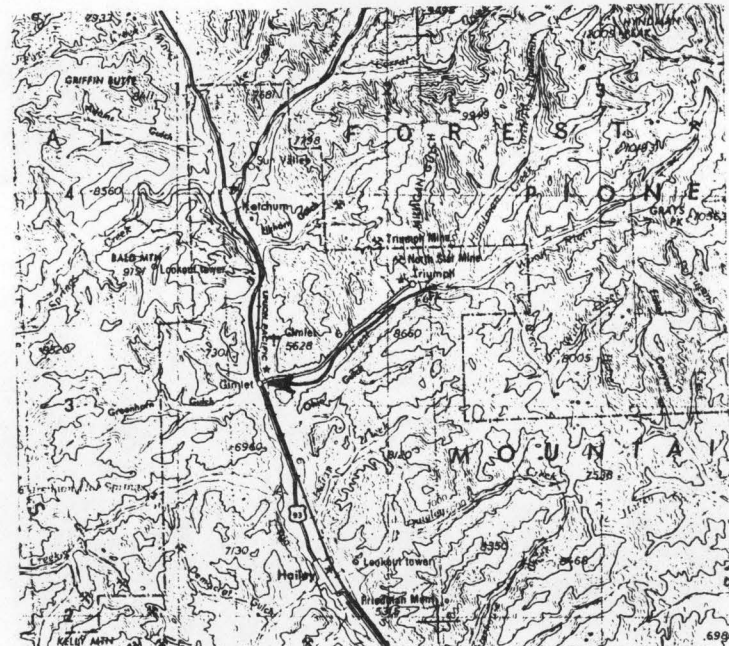
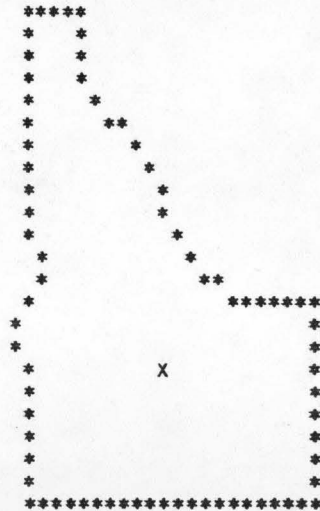
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

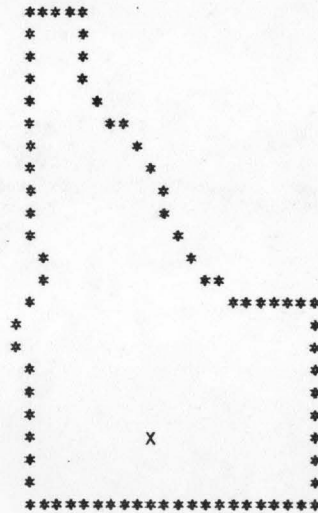
REACH NUMBER 0350024024202CR0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING, LINCOLN
C. TOWNSHIP, RANGE	T 5S R16E
D. LATITUDE, LONGITUDE	42 57 114 30
E. STREAM NAME	LITTLE WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	5.0 TO 24.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS



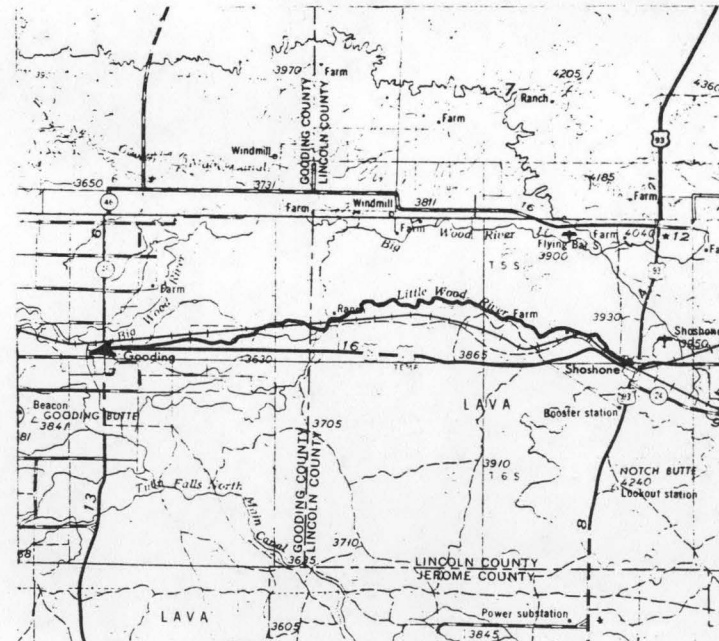
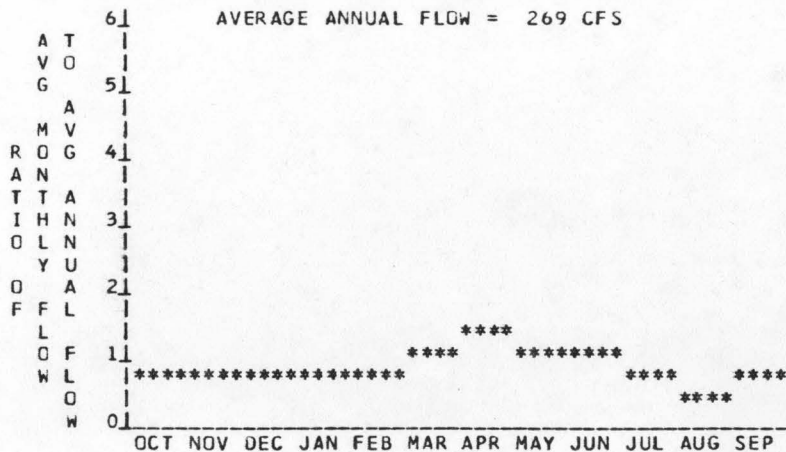
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3960 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3570 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	390 FT.
D. AVERAGE SLOPE IN REACH	20.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	863 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	50	1.65	14.17	0.98
80	110	3.64	29.37	0.92
50	180	5.95	42.54	0.82
30	390	12.89	66.86	0.59
10	540	17.85	75.54	0.48

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J3500240242020R0006

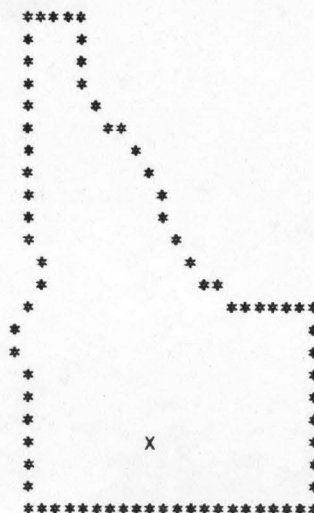
I LOCATION

A. STATE	IDAHO
B. COUNTY	LINCOLN
C. TOWNSHIP, RANGE	T 5S R18E
D. LATITUDE, LONGITUDE	42 57 114 19
E. STREAM NAME	LITTLE WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	24.2 TO 35.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



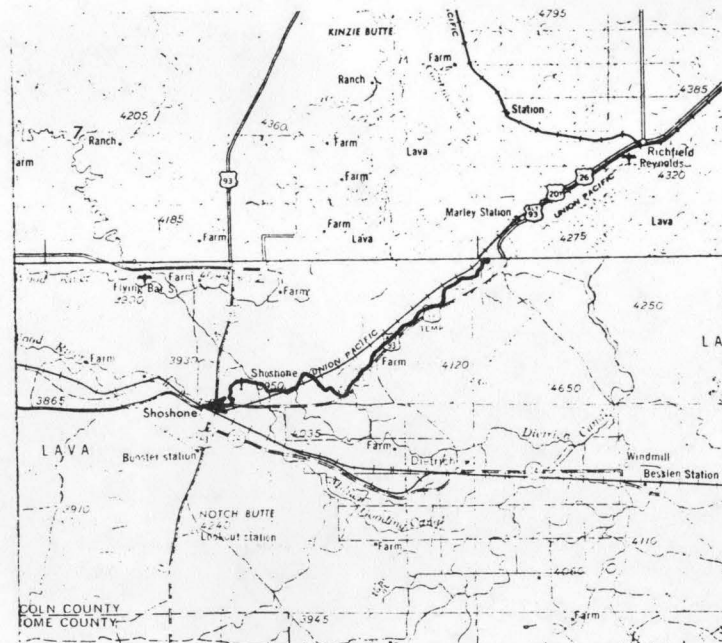
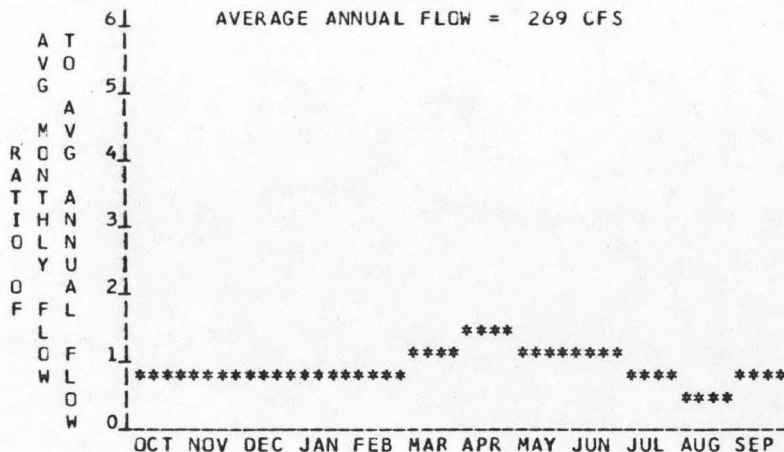
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4130 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	3960 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	170 FT.
D. AVERAGE SLOPE IN REACH	15.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	831 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	50	0.72	6.17	0.98
80	110	1.58	12.80	0.92
50	180	2.59	18.54	0.82
30	390	5.62	29.14	0.59
10	540	7.78	32.93	0.48

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242020R0C08

I LOCATION

A. STATE IDAHO
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T 5S R19E
 D. LATITUDE, LONGITUDE 43 2 114 11
 E. STREAM NAME LITTLE WOOD RIVER
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 35.0 TO 59.9

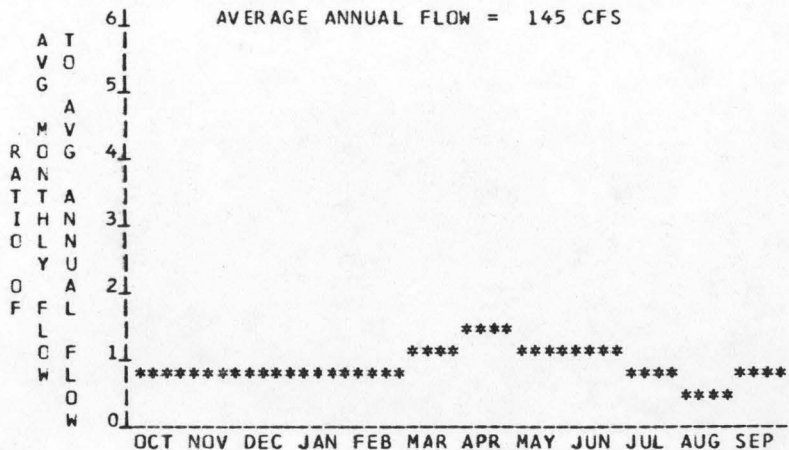
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4626 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4130 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 496 FT.
 D. AVERAGE SLOPE IN REACH 19.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 789 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	60	2.52	21.88	0.99
80	96	4.04	33.48	0.95
50	150	6.31	46.40	0.84
30	170	7.15	49.35	0.79
10	250	10.51	55.24	0.60

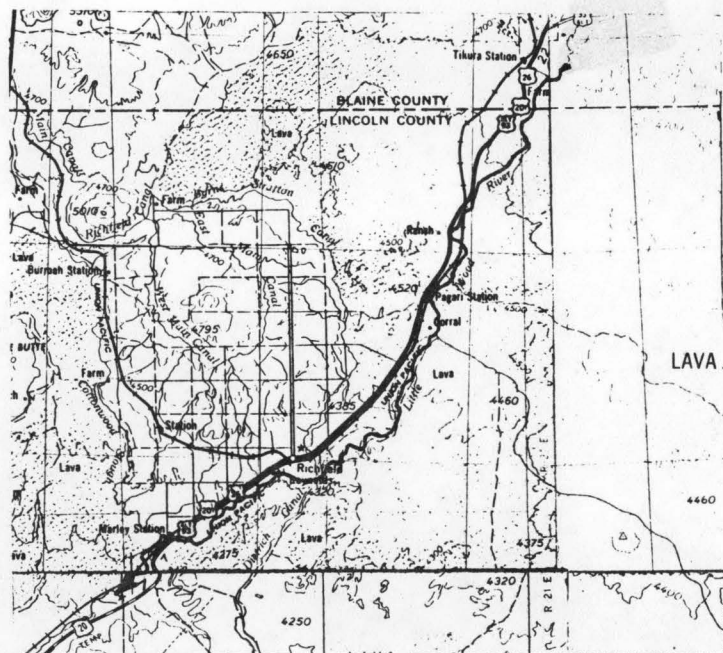
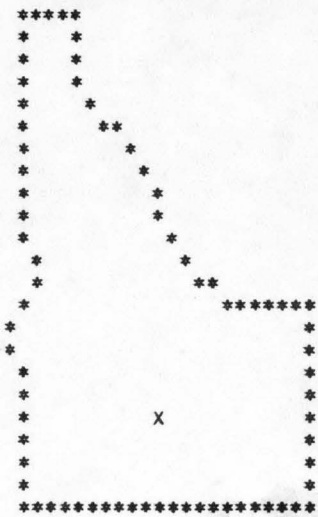
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242020R0010

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 1S R21E
D. LATITUDE, LONGITUDE	43 20 114 0
E. STREAM NAME	LITTLE WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	59.9 TO 78.4

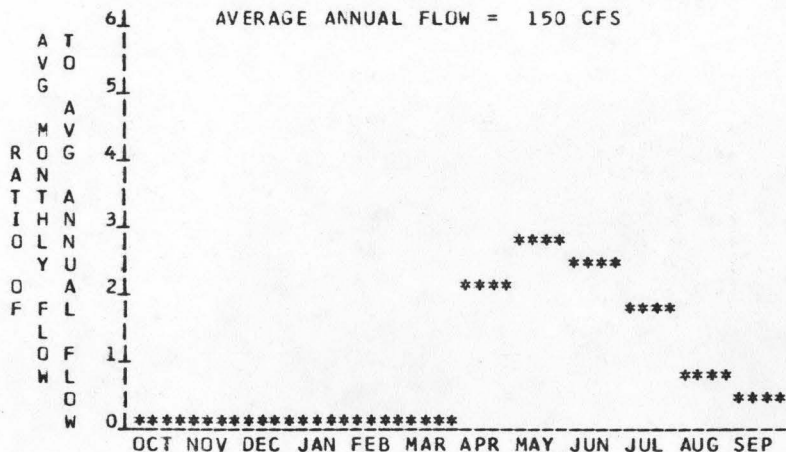
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5121 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4626 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	495 FT.
D. AVERAGE SLOPE IN REACH	26.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	561 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

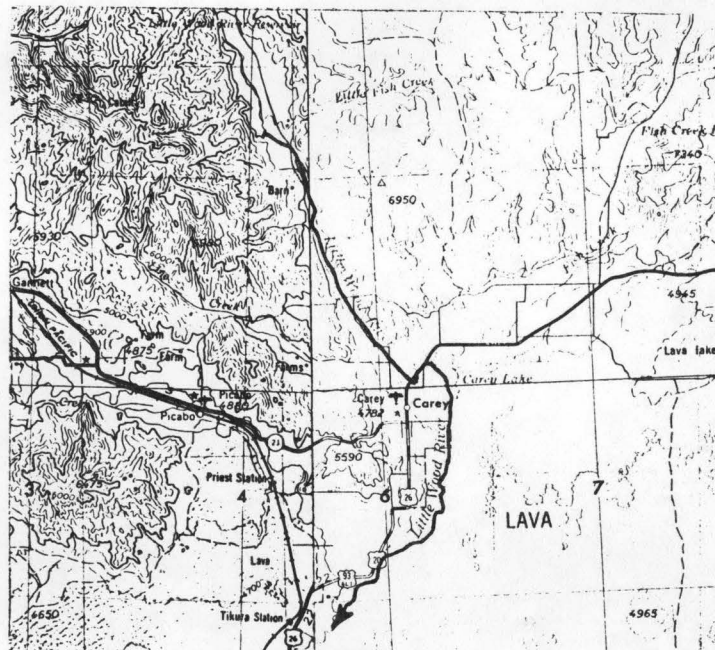
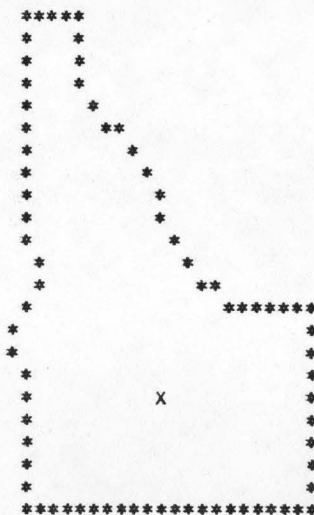
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.50	4.39	1.00
80	20	0.84	6.96	0.95
50	52	2.18	14.61	0.76
30	230	9.65	40.77	0.48
10	390	16.36	52.53	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242020R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	BLAINE
C. TOWNSHIP, RANGE	T 2N R20E
D. LATITUDE, LONGITUDE	43 29 114 2
E. STREAM NAME	LITTLE WOOD RIVER
F. MAJOR BASIN NAME	WOOD RIVER
G. RIVER MILE	80.5 TO 83.7

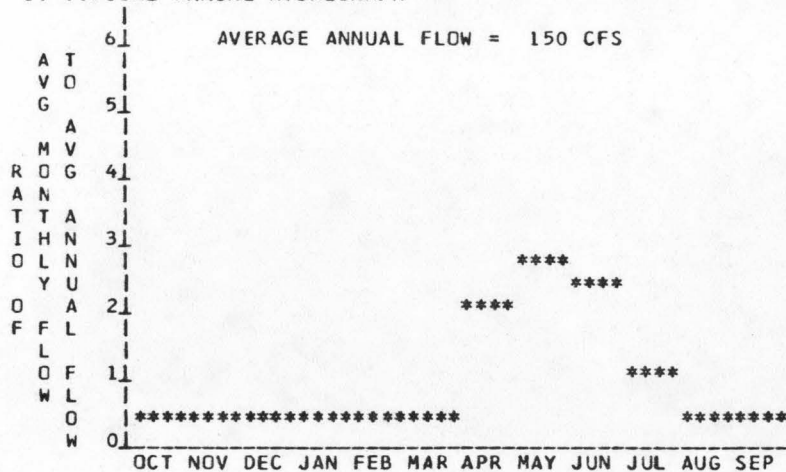
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5320 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5238 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	82 FT.
D. AVERAGE SLOPE IN REACH	25.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	264 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

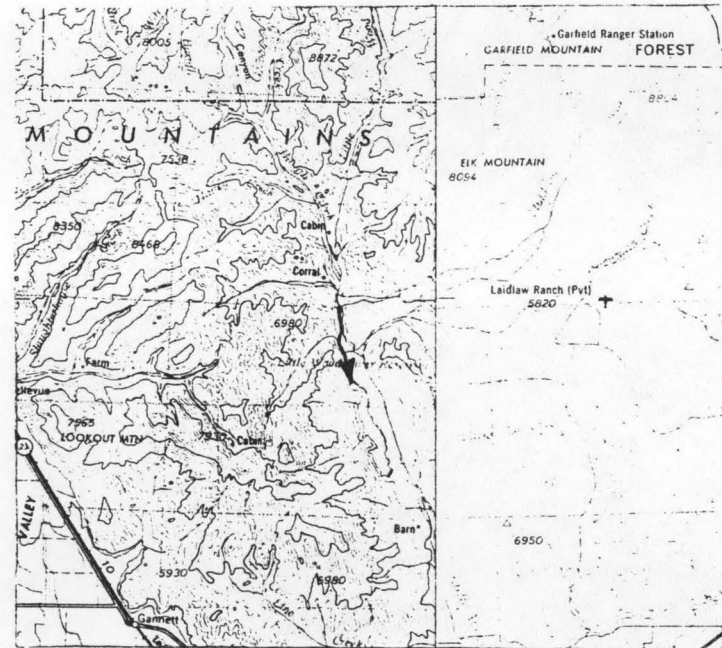
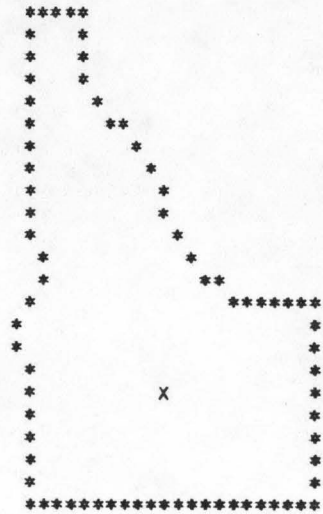
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	0.36	3.15	1.00
80	42	0.53	4.47	0.96
50	64	0.80	6.02	0.85
30	102	1.29	7.70	0.68
10	441	5.54	15.16	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024024202CR0C14

I LOCATION

A. STATE IDAHO
 B. COUNTY BLAINE
 C. TOWNSHIP, RANGE T 2S R21E
 D. LATITUDE, LONGITUDE 43 15 114 0
 E. STREAM NAME SILVER CREEK
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 0.0 TO 7.7

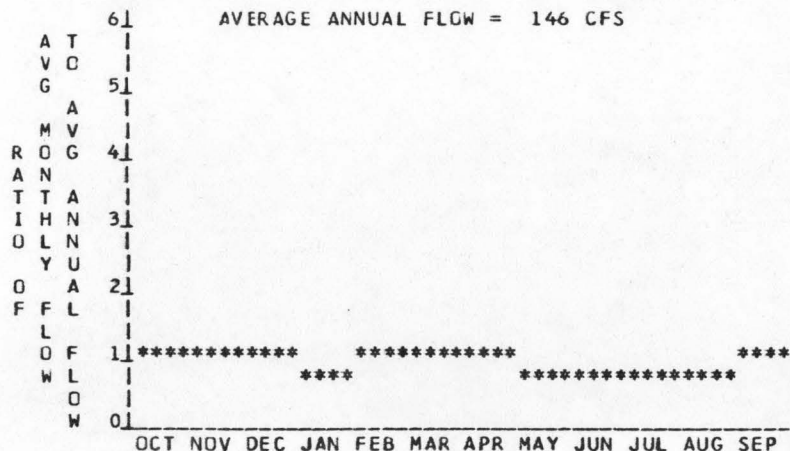
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4790 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4626 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 164 FT.
 D. AVERAGE SLOPE IN REACH 21.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 85 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

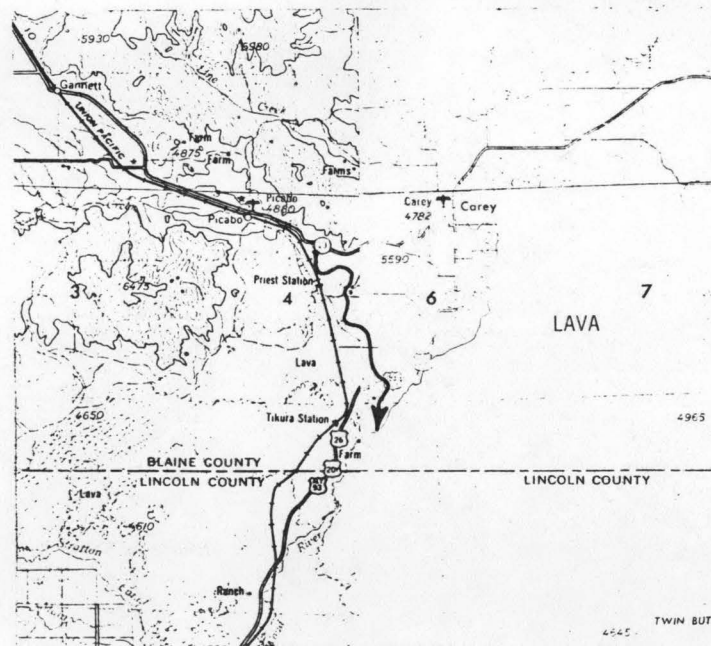
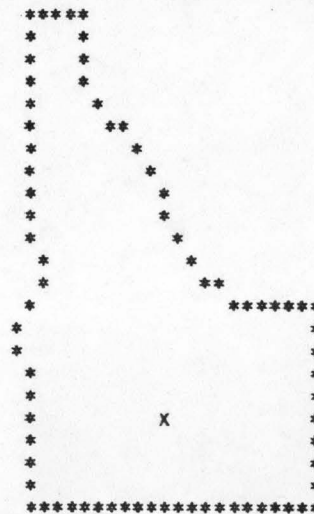
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	96	1.33	11.55	0.99
80	120	1.67	14.10	0.97
50	155	2.15	16.87	0.89
30	175	2.43	17.85	0.84
10	200	2.78	18.46	0.76

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240242020R0C16

I LOCATION

A. STATE IDAHO
 B. COUNTY BLAINE
 C. TOWNSHIP, RANGE T 1S R20E
 D. LATITUDE, LONGITUDE 43 19 114 5
 E. STREAM NAME SILVER CREEK
 F. MAJOR BASIN NAME WOOD RIVER
 G. RIVER MILE 7.7 TO 12.7

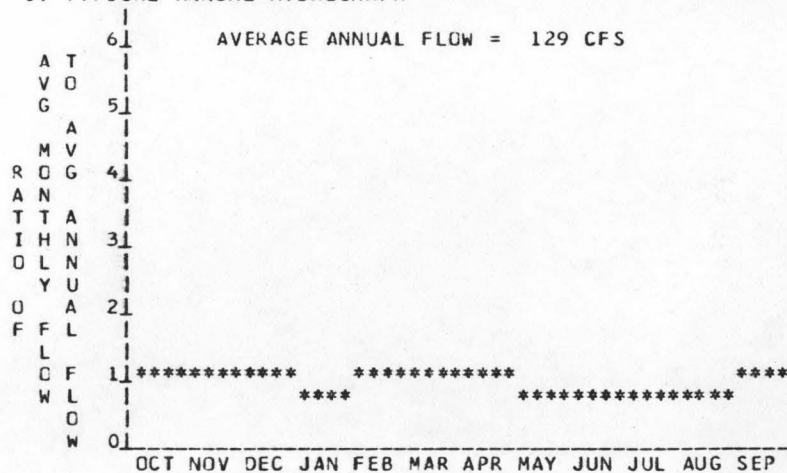
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4900 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4790 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 110 FT.
 D. AVERAGE SLOPE IN REACH 22.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 69 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS.

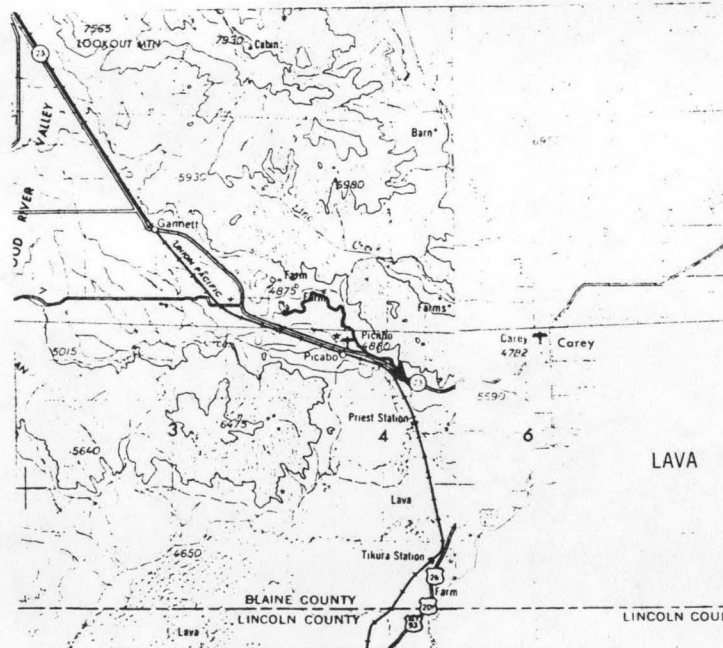
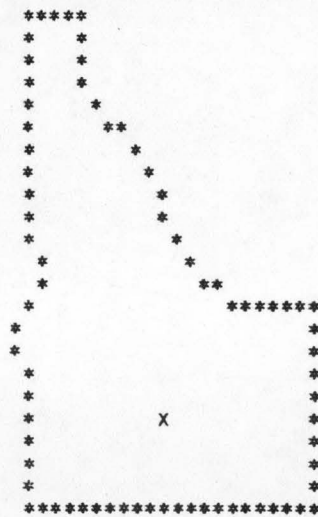
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	59	0.88	7.62	0.99
80	74	1.10	9.33	0.97
50	96	1.43	11.20	0.89
30	108	1.61	11.83	0.84
10	123	1.83	12.22	0.76

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME HAILEY



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402440CCR0004

I LOCATION

A. STATE IDAHO
 B. COUNTY TWIN FALLS
 C. TOWNSHIP, RANGE T11S R13E
 D. LATITUDE, LONGITUDE 42 28 114 55
 E. STREAM NAME SALMON FALLS CREEK
 F. MAJOR BASIN NAME SALMON FALLS CREEK
 G. RIVER MILE 20.4 TO 30.3

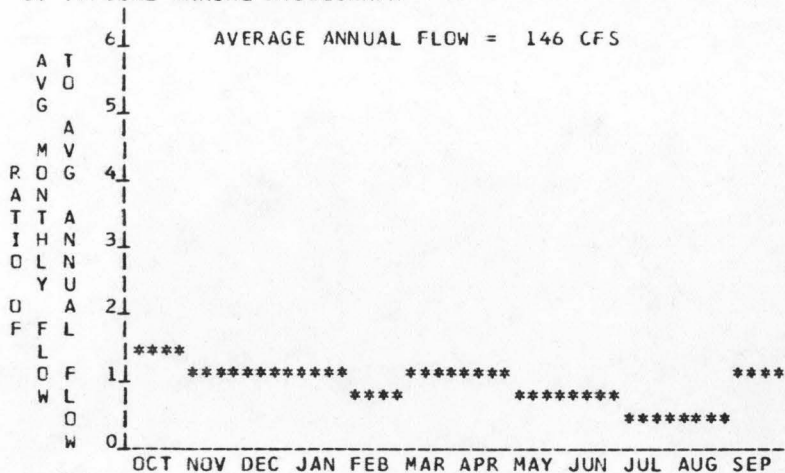
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3800 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 3500 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 300 FT.
 D. AVERAGE SLOPE IN REACH 30.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 2093 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

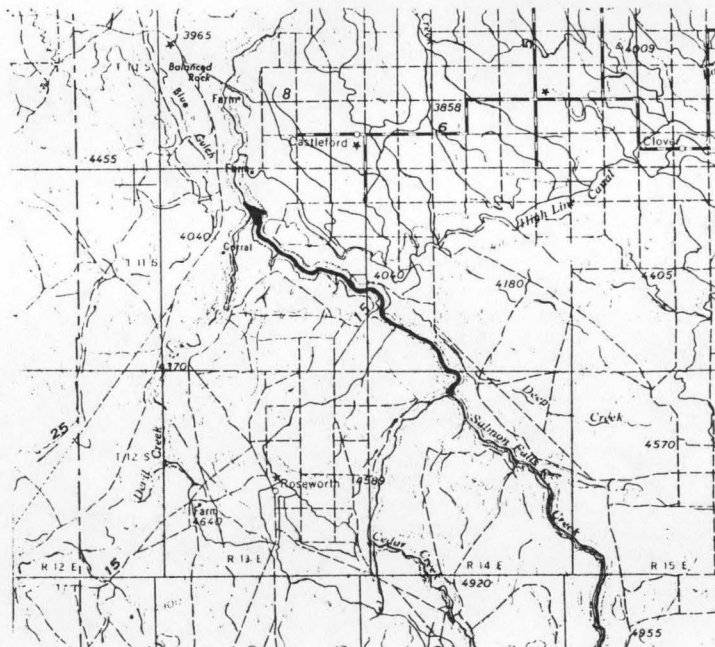
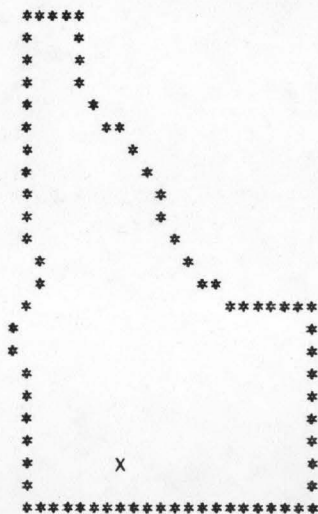
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	38	1.18	10.20	0.99
80	67	2.08	17.09	0.94
50	80	2.48	19.39	0.89
30	115	3.57	23.19	0.74
10	190	5.89	27.27	0.53

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240244000R010

I LOCATION

A. STATE IDAHO
 B. COUNTY TWIN FALLS
 C. TOWNSHIP, RANGE T16S R15E
 D. LATITUDE, LONGITUDE 42 3 114 45
 E. STREAM NAME SALMON FALLS CREEK
 F. MAJOR BASIN NAME SALMON FALLS CREEK
 G. RIVER MILE 57.3 TO 65.6

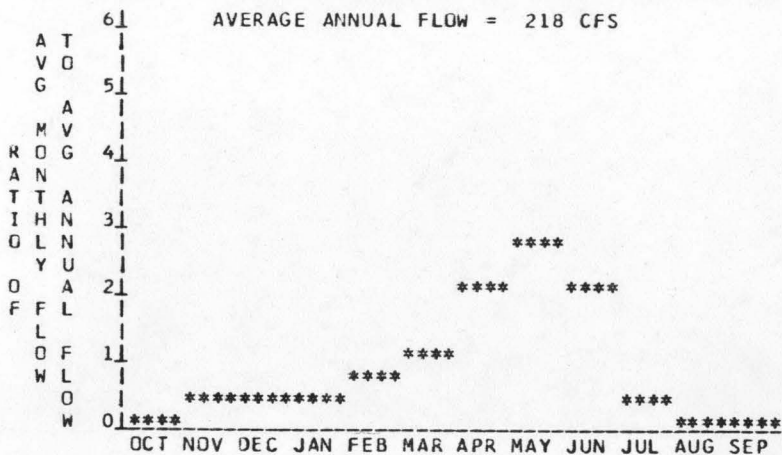
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5040 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5007 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 33 FT.
 D. AVERAGE SLOPE IN REACH 4.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1518 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	0.08	0.68	0.98
80	47	0.13	1.08	0.94
50	69	0.19	1.43	0.85
30	126	0.35	1.99	0.65
10	483	1.35	3.74	0.32

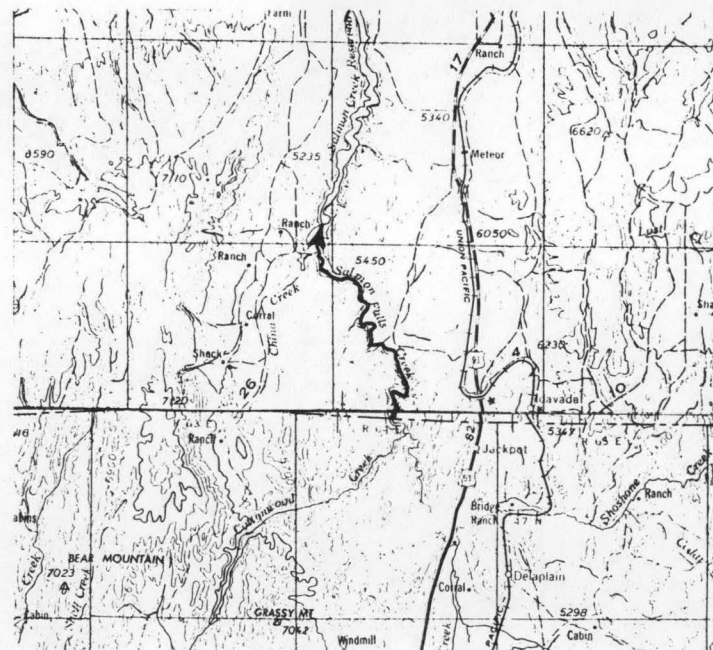
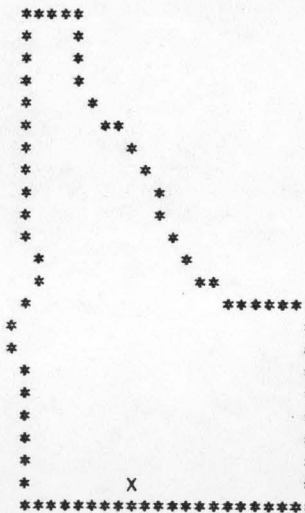
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE

MAP NAME TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0550024024400CR0012

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T47N R64E
D. LATITUDE, LONGITUDE	41 58 114 43
E. STREAM NAME	SALMON FALLS CREEK
F. MAJOR BASIN NAME	SALMON FALLS CREEK
G. RIVER MILE	65.6 TO 70.3

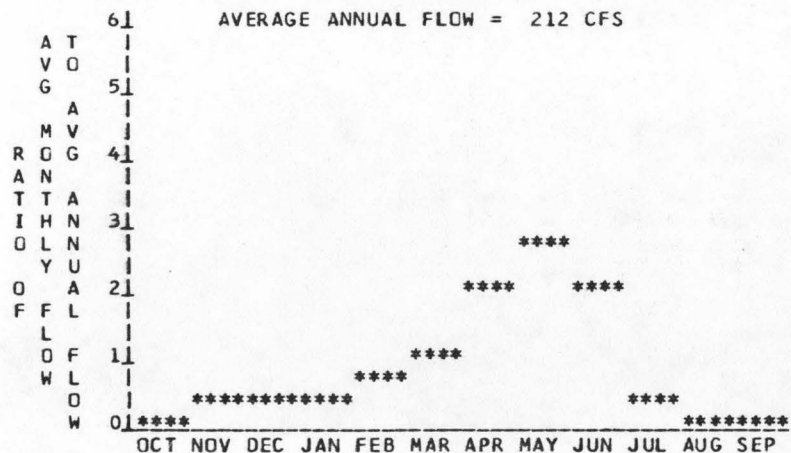
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5120 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5040 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	80 FT.
D. AVERAGE SLOPE IN REACH	17.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1454 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.16	1.40	0.99
80	40	0.27	2.24	0.94
50	61	0.41	3.05	0.84
30	111	0.75	4.23	0.64
10	429	2.91	8.01	0.31

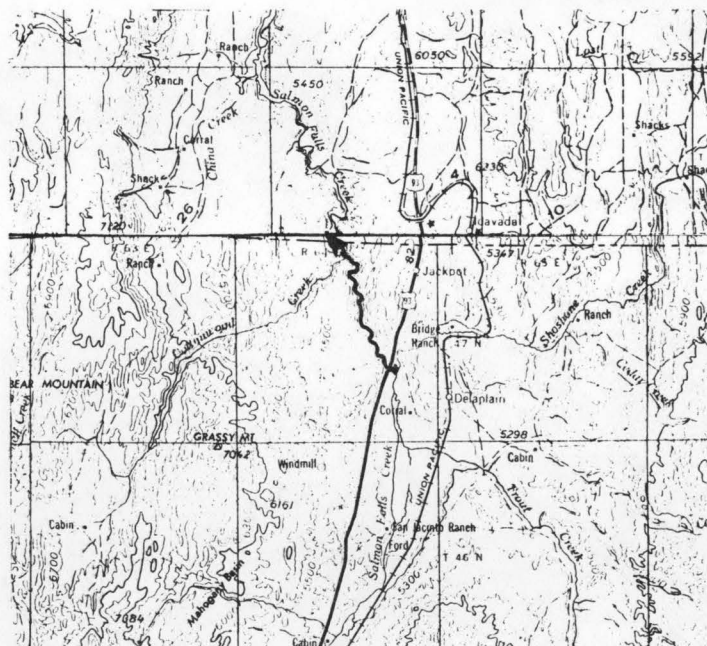
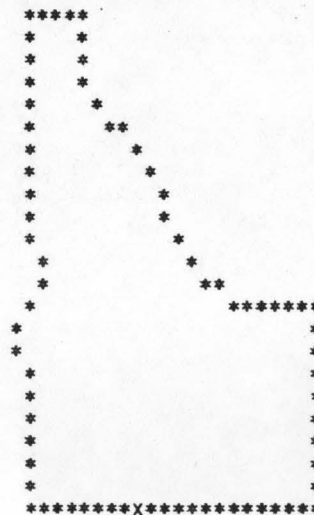
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
WELLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 055C024024400R0014

I LOCATION

A. STATE	NEVADA
B. COUNTY	ELKO
C. TOWNSHIP, RANGE	T46N R64E
D. LATITUDE, LONGITUDE	41 50 114 43
E. STREAM NAME	SALMON FALLS CREEK
F. MAJOR BASIN NAME	SALMON FALLS CREEK
G. RIVER MILE	70.3 TO 91.9

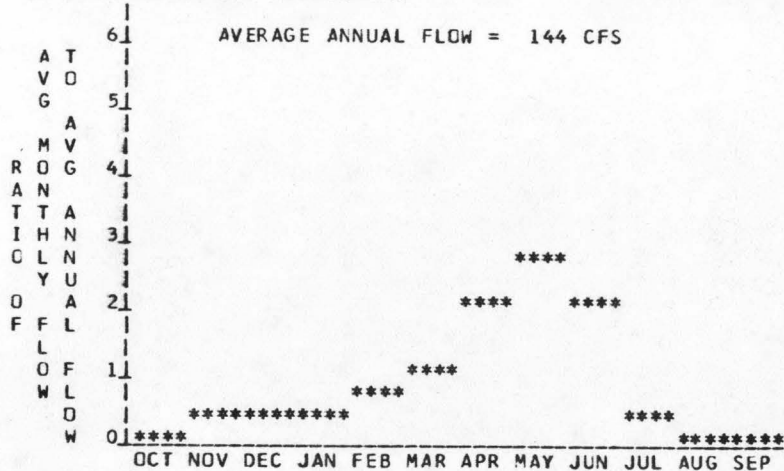
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5440 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5120 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	320 FT.
D. AVERAGE SLOPE IN REACH	14.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1041 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	19	0.62	5.38	0.99
80	31	1.01	8.39	0.94
50	50	1.64	11.93	0.83
30	88	2.88	16.28	0.65
10	352	11.51	31.41	0.31

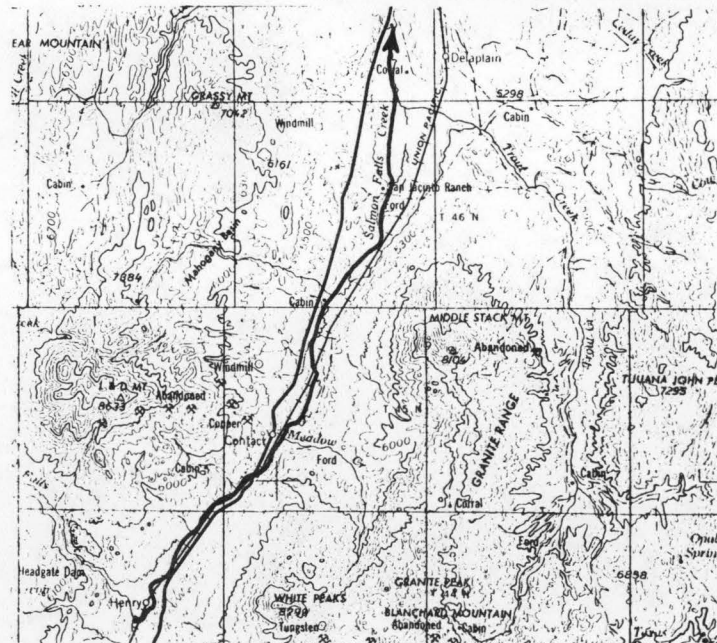
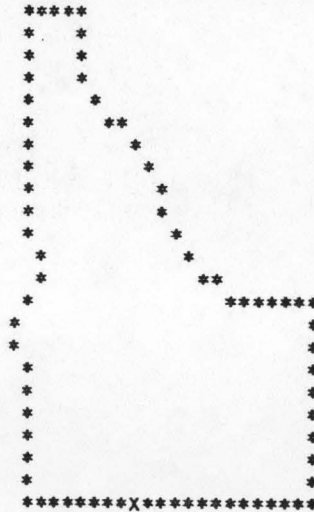
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
WELLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240250000R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	BUTTE, BINGHAM, JEFFERSON
C. TOWNSHIP, RANGE	T02N R29E
D. LATITUDE, LONGITUDE	43 30 113 0
E. STREAM NAME	BIG LOST RIVER
F. MAJOR BASIN NAME	LOST RIVER
G. RIVER MILE	0.0 TO 13.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
IDAHO FALLS

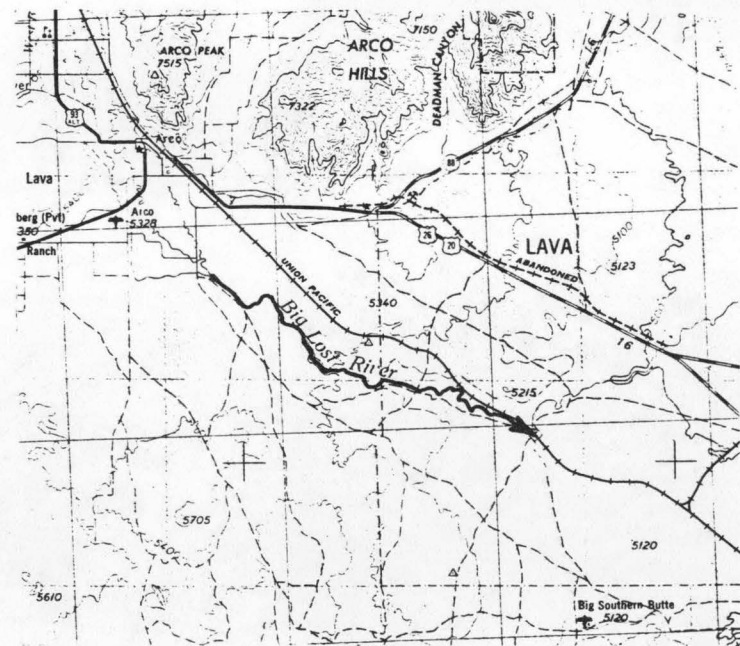
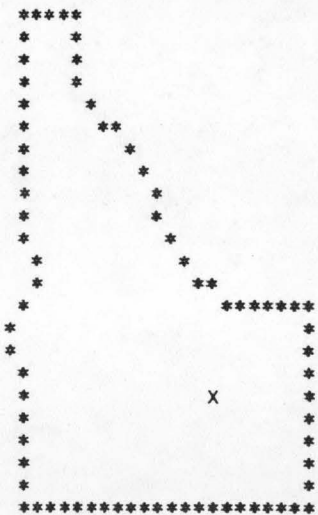
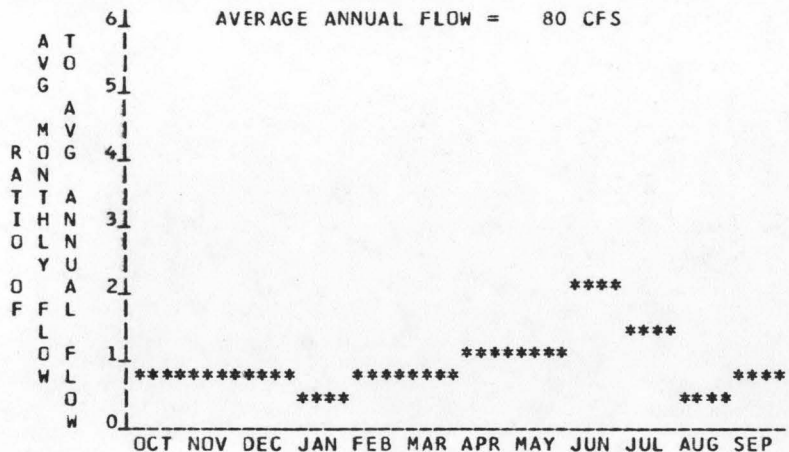
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5239 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5045 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	194 FT.
D. AVERAGE SLOPE IN REACH	14.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	224 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1	0.02	0.14	0.98
80	17	0.28	2.16	0.88
50	50	0.82	5.25	0.73
30	102	1.68	8.24	0.56
10	220	3.62	11.64	0.37

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240250000R0004

I LOCATION

A. STATE IDAHO
 B. COUNTY BUTTE
 C. TOWNSHIP, RANGE T05N R26E
 D. LATITUDE, LONGITUDE 43 45 113 22
 E. STREAM NAME BIG LCST RIVER
 F. MAJOR BASIN NAME LOST RIVER
 G. RIVER MILE 13.1 TO 37.1

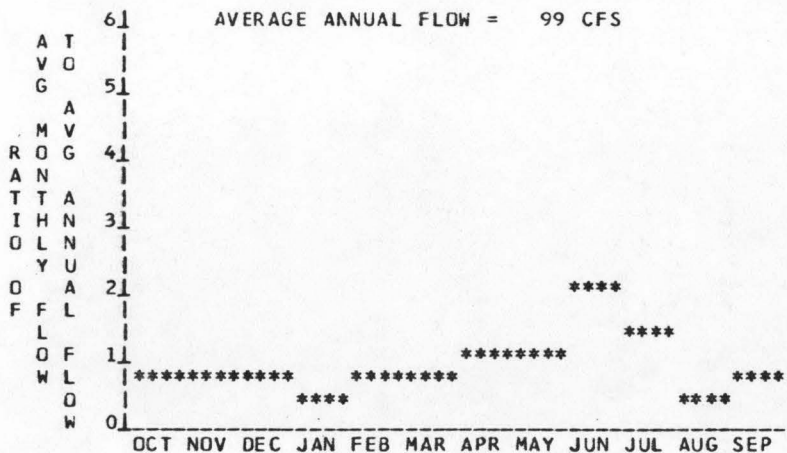
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5575 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5239 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 336 FT.
 D. AVERAGE SLOPE IN REACH 14.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 393 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	0.97	8.46	1.00
80	61	1.74	14.35	0.94
50	101	2.88	20.83	0.83
30	180	5.13	28.72	0.64
10	512	14.58	45.28	0.35

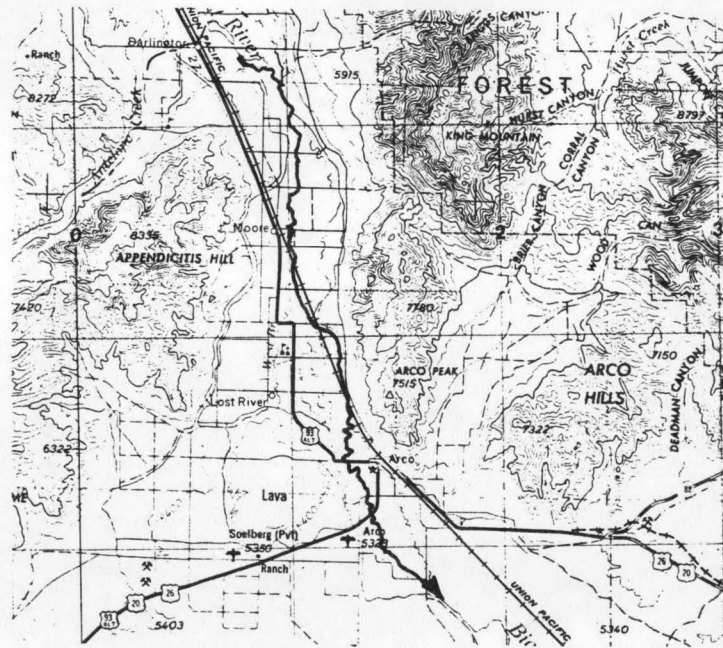
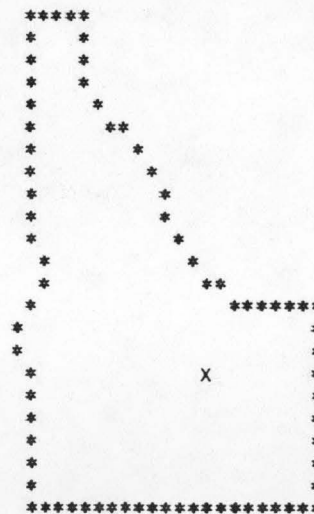
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TPO SERIES
 1:250000
 SCALE

MAP NAME
 IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

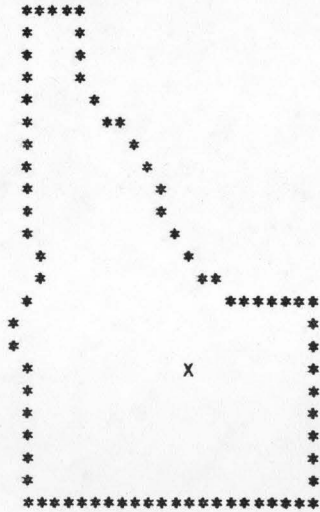
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I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER, BUTTE
 C. TOWNSHIP, RANGE T06N R24E
 D. LATITUDE, LONGITUDE 43 54 113 37
 E. STREAM NAME BIG LOST RIVER
 F. MAJOR BASIN NAME LOST RIVER
 G. RIVER MILE 37.1 TO 56.2

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 IDAHO FALLS



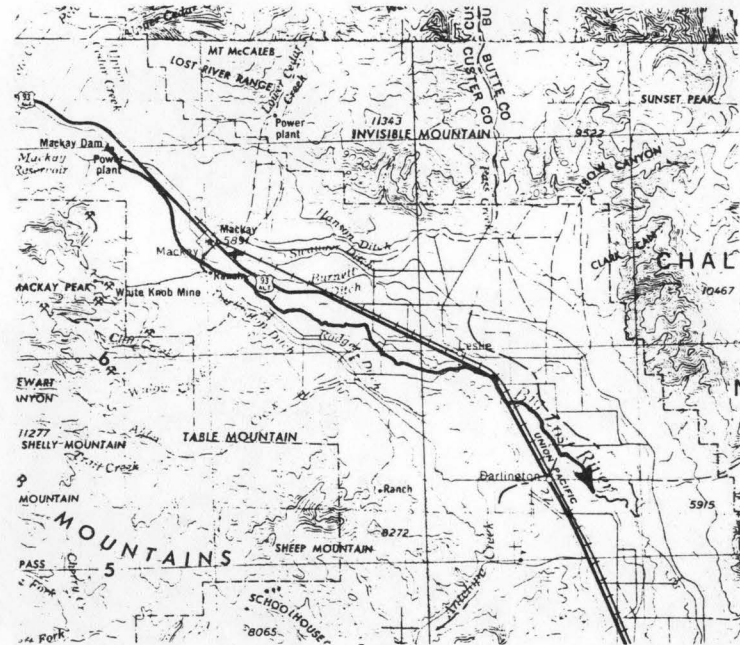
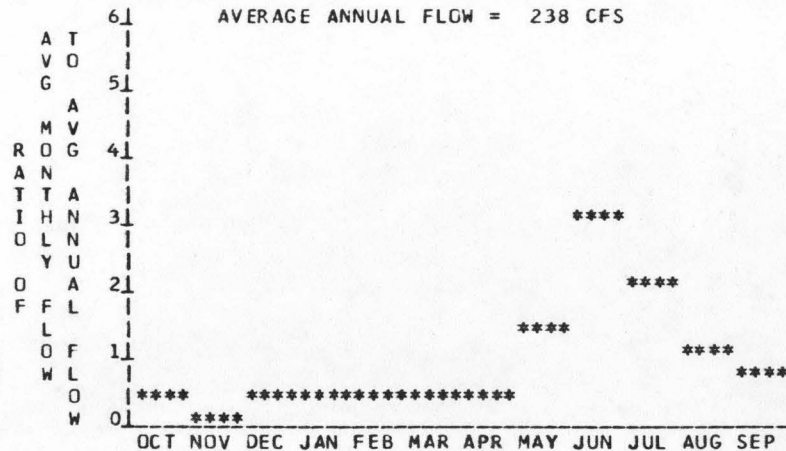
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5946 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5575 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 371 FT.
 D. AVERAGE SLOPE IN REACH 19.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 252 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	57	1.79	15.66	1.00
80	92	2.89	24.10	0.95
50	135	4.24	31.80	0.86
30	232	7.29	42.48	0.66
10	662	20.81	66.17	0.36

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

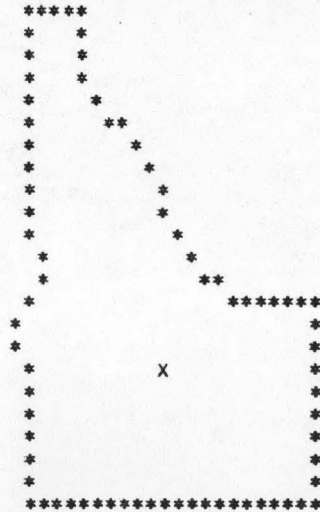
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I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER
 C. TOWNSHIP, RANGE T07N R20E
 D. LATITUDE, LONGITUDE 43 58 114 4
 E. STREAM NAME BIG LCST RIVER
 F. MAJOR BASIN NAME LOST RIVER
 G. RIVER MILE 77.5 TO 90.5

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 HAILEY



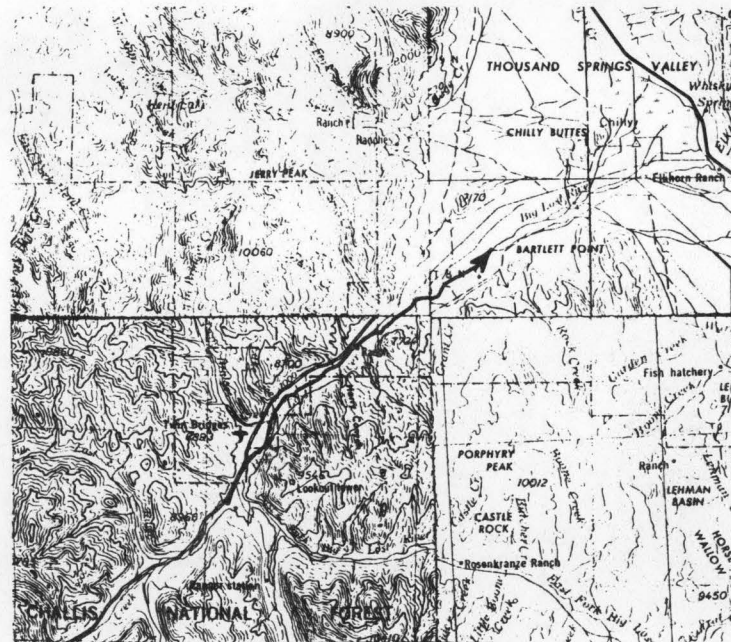
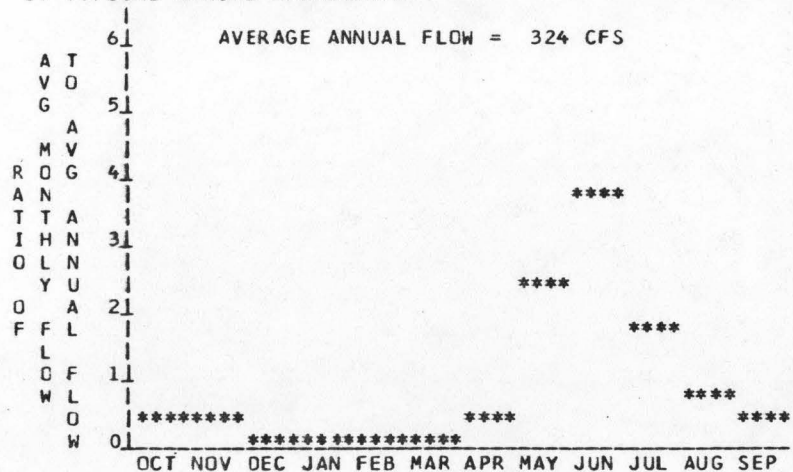
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6858 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6385 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 473 FT.
 D. AVERAGE SLOPE IN REACH 36.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 474 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	60	2.74	23.89	0.99
80	80	3.65	30.89	0.96
50	120	5.48	41.29	0.86
30	210	9.59	55.70	0.66
10	970	44.31	116.52	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024025000CRO012

I LOCATION

A. STATE	IDAHO
B. COUNTY	CUSTER
C. TOWNSHIP, RANGE	T04N R24E
D. LATITUDE, LONGITUDE	43 45 113 30
E. STREAM NAME	ANTELOPE CREEK
F. MAJOR BASIN NAME	LOST RIVER
G. RIVER MILE	0.0 TO 17.2

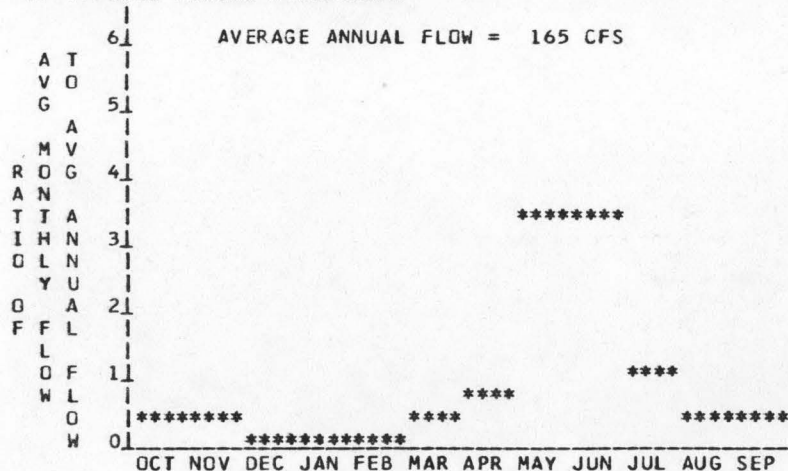
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6240 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5575 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	665 FT.
D. AVERAGE SLOPE IN REACH	38.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	249 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	1.80	15.70	1.00
80	38	2.35	19.97	0.97
50	47	2.91	23.15	0.91
30	72	4.46	28.57	0.73
10	330	20.44	56.57	0.32

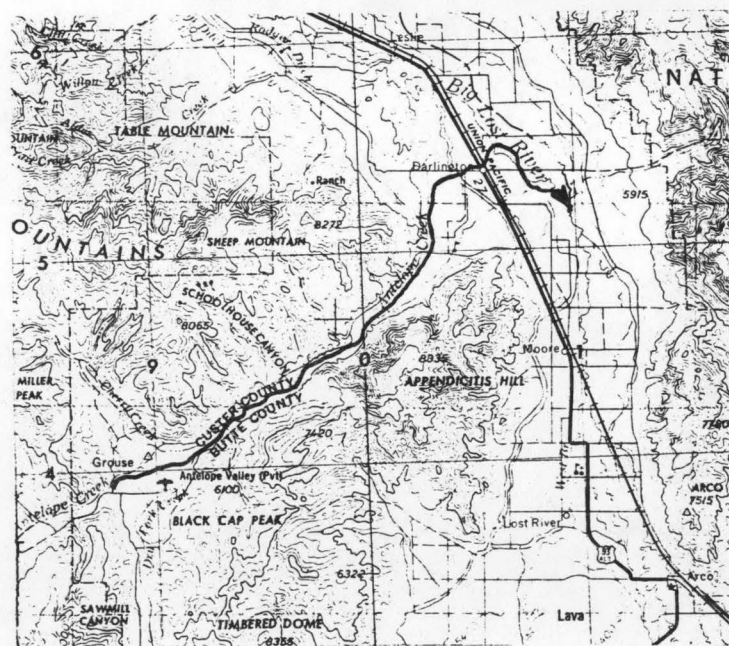
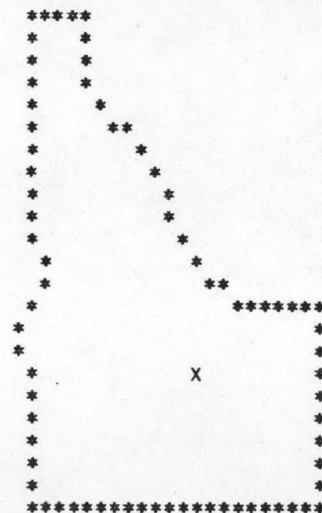
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C250020R0C04

I LOCATION

A. STATE IDAHO
 B. COUNTY BUTTE, CLARK
 C. TOWNSHIP, RANGE T08N R27E
 D. LATITUDE, LONGITUDE 44 2 113 14
 E. STREAM NAME LITTLE LOST RIVER
 F. MAJOR BASIN NAME LOST RIVER
 G. RIVER MILE 0.0 TO 21.0

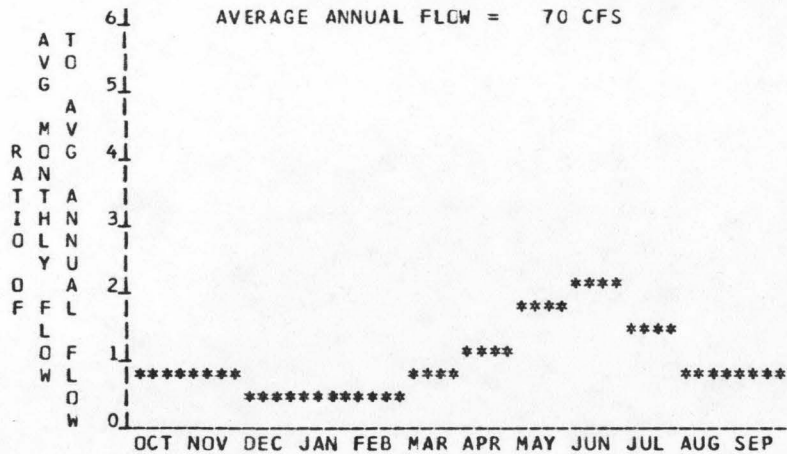
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5870 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5025 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 845 FT.
 D. AVERAGE SLOPE IN REACH 40.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 251 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

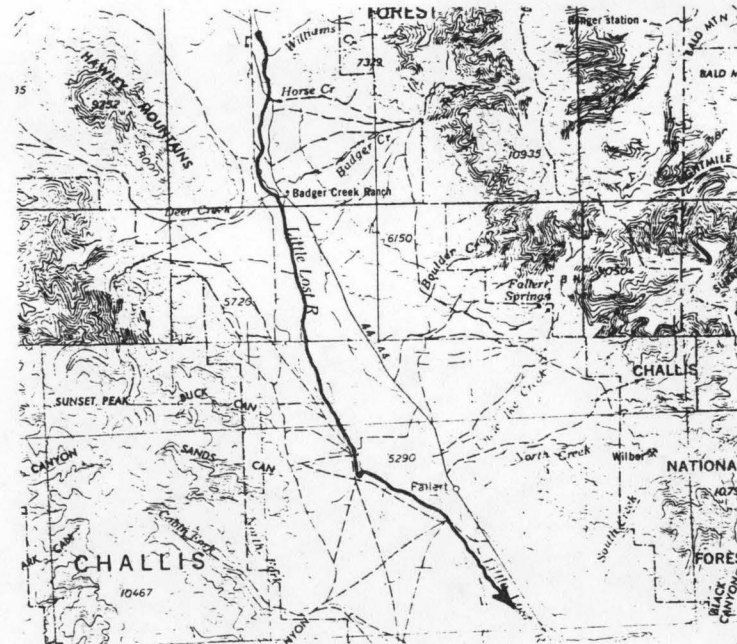
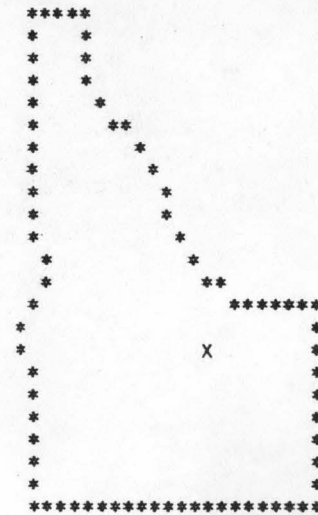
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	18	1.29	11.24	1.00
80	32	2.29	18.93	0.94
50	55	3.94	28.31	0.82
30	78	5.59	34.08	0.70
10	147	10.53	42.74	0.46

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000 SCALE
 MAP NAME DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240250020R0006

I LOCATION

A. STATE IDAHO
 B. COUNTY CUSTER, BUTTE, LEMHI
 C. TOWNSHIP, RANGE T10N R26E
 D. LATITUDE, LONGITUDE 44 12 113 20
 E. STREAM NAME LITTLE LCST RIVER
 F. MAJOR BASIN NAME LCST RIVER
 G. RIVER MILE 21.0 TO 26.4

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DUBOIS

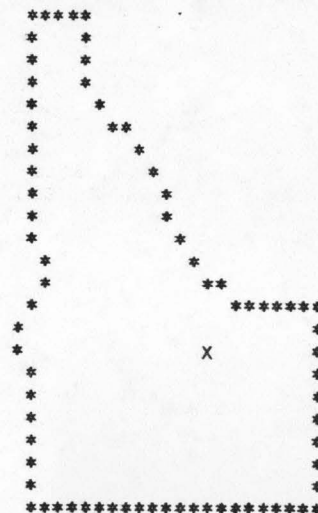
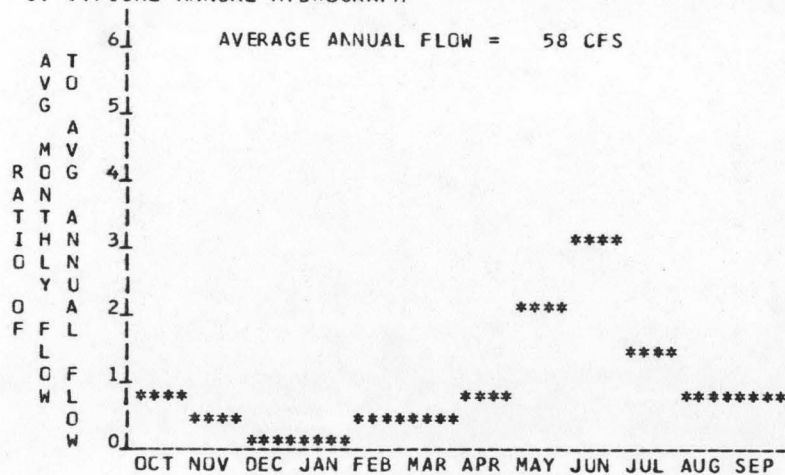
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6050 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5870 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 180 FT.
 D. AVERAGE SLOPE IN REACH 33.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 447 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.25	2.18	1.00
80	22	0.46	3.78	0.94
50	40	0.83	5.92	0.81
30	62	1.29	7.52	0.66
10	135	2.81	10.19	0.41

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024025004 CROCO2

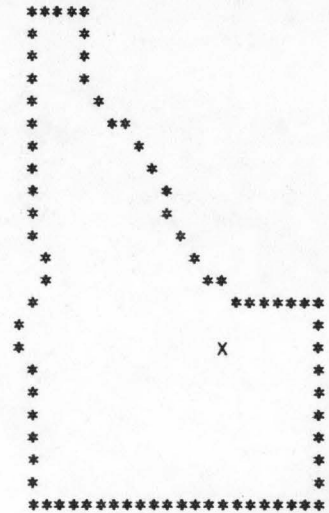
I LOCATION

A. STATE IDAHO
 B. COUNTY CLARK, BUTTE, JEFFERSON
 C. TOWNSHIP, RANGE T09N R30E
 D. LATITUDE, LONGITUDE 44 5 112 53
 E. STREAM NAME BIRCH CREEK
 F. MAJOR BASIN NAME LOST RIVER
 G. RIVER MILE 0.0 TO 11.7

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 DUBOIS



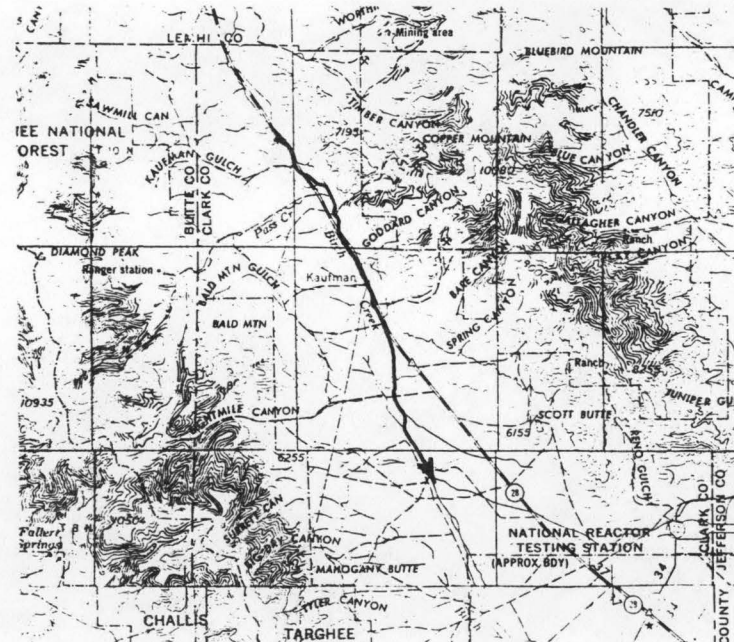
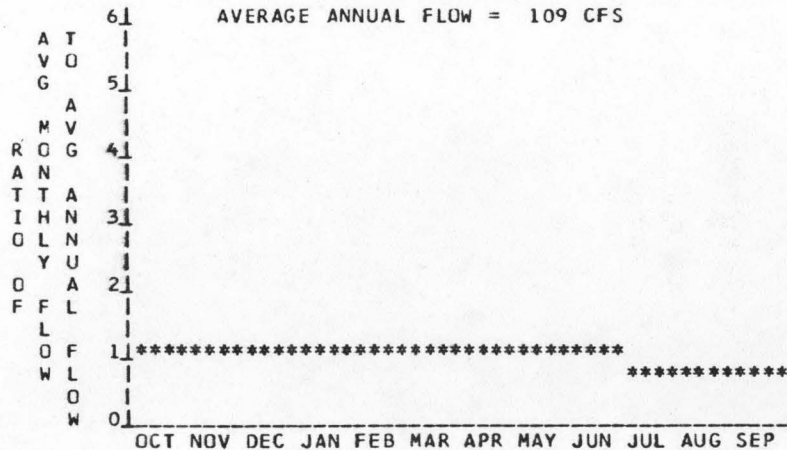
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6240 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5620 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 620 FT.
 D. AVERAGE SLOPE IN REACH 53.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 159 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	72	3.78	33.08	1.00
80	86	4.52	38.72	0.98
50	96	5.04	41.71	0.94
30	97	5.10	41.90	0.94
10	98	5.15	41.99	0.93

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

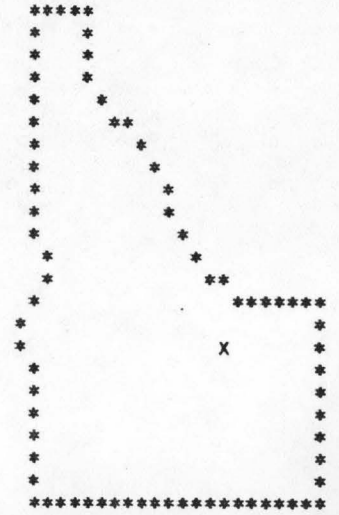
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I LOCATION

A. STATE IDAHO
 B. COUNTY LEMHI, BUTTE, CLARK
 C. TOWNSHIP, RANGE T11N R29E
 D. LATITUDE, LONGITUDE 44 15 113 0
 E. STREAM NAME BIRCH CREEK
 F. MAJOR BASIN NAME LGST RIVER
 G. RIVER MILE 11.7 TO 15.1

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DUBOIS



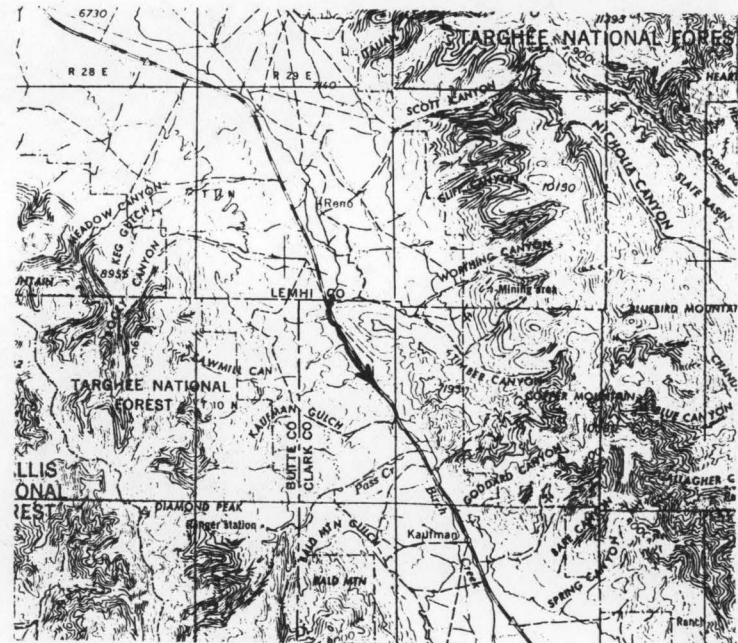
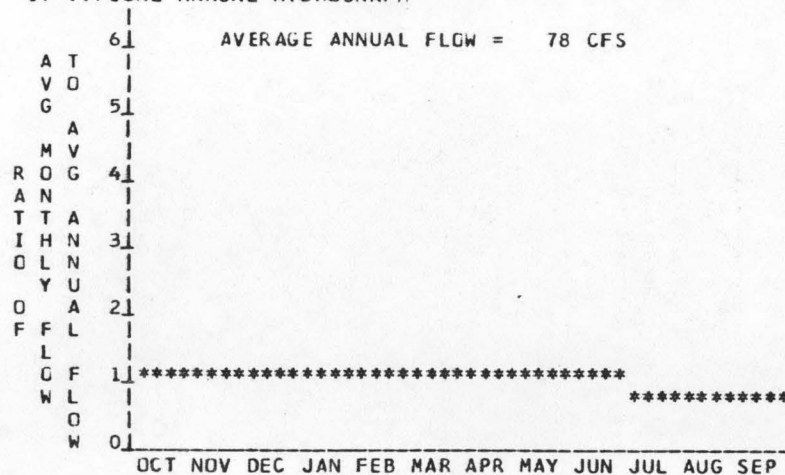
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6380 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6240 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 140 FT.
 D. AVERAGE SLOPE IN REACH 41.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 319 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	72	1.26	10.99	1.00
80	86	1.50	12.87	0.98
50	96	1.68	13.86	0.94
30	97	1.69	13.92	0.94
10	98	1.71	13.95	0.93

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002402460C0R0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	GOODING
C. TOWNSHIP, RANGE	T 8S R14E
D. LATITUDE, LONGITUDE	42 39 114 40
E. STREAM NAME	BOX CANYON SPRINGS
F. MAJOR BASIN NAME	BOX CANYON SPRINGS
G. RIVER MILE	0.0 TO 1.3

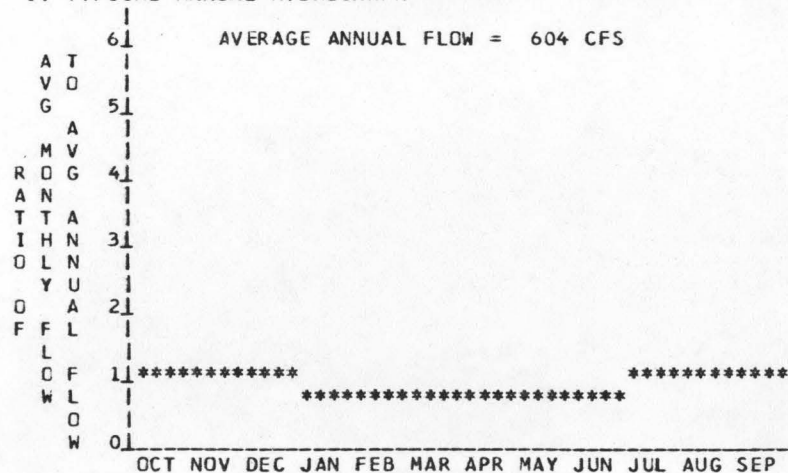
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3160 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2880 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	280 FT.
D. AVERAGE SLOPE IN REACH	215.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	0 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

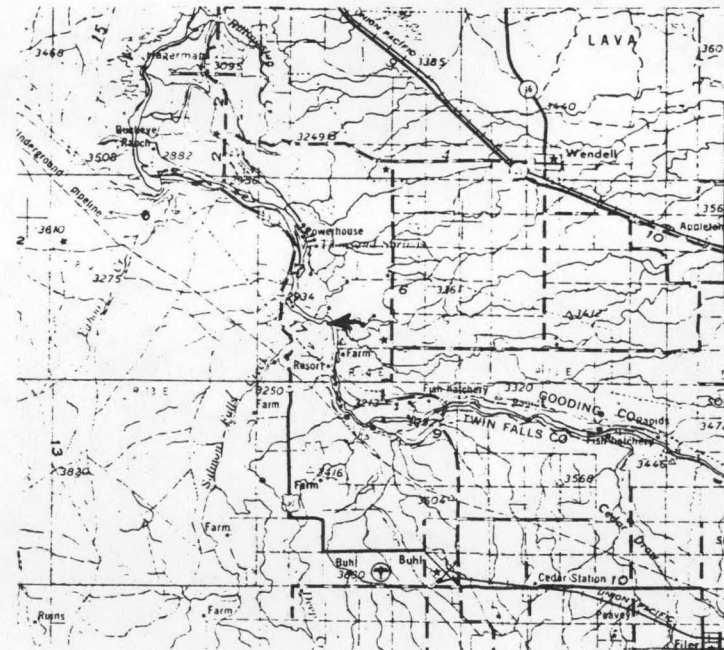
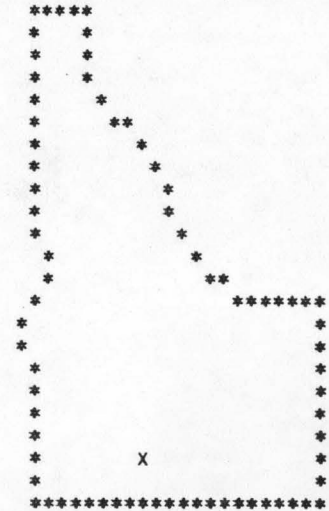
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	465	13.63	119.34	1.00
80	510	14.95	129.46	0.99
50	600	17.59	144.48	0.94
30	660	19.35	150.65	0.89
10	720	21.11	153.73	0.83

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

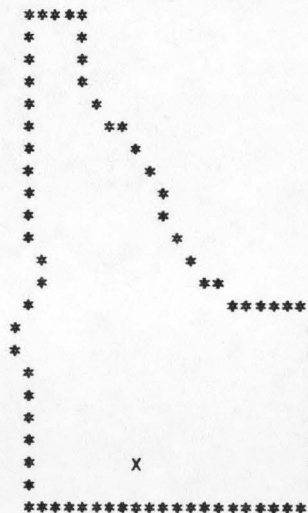
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I LOCATION

A. STATE IDAHO
 B. COUNTY TWIN FALLS
 C. TOWNSHIP, RANGE T 9S R14E
 D. LATITUDE, LONGITUDE 42 38 114 50
 E. STREAM NAME DEEP CREEK
 F. MAJOR BASIN NAME DEEP CREEK
 G. RIVER MILE 0.0 TO 4.8

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 TWIN FALLS



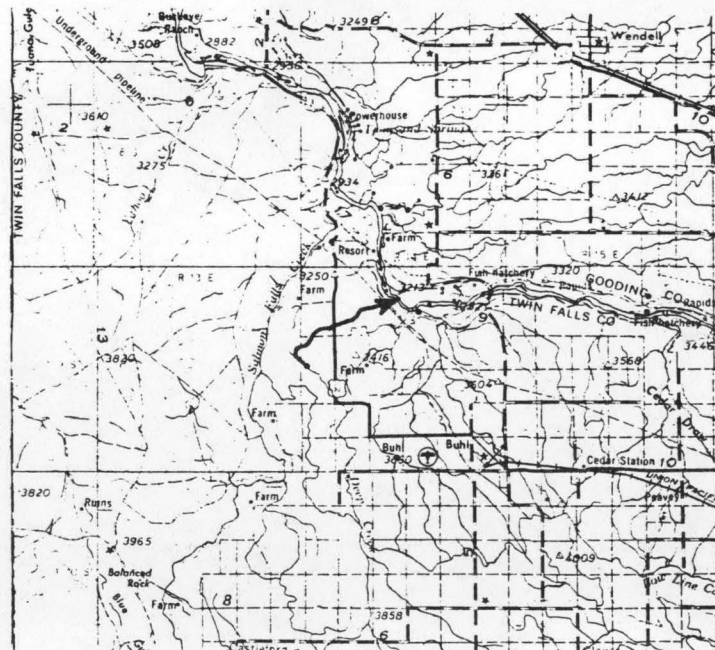
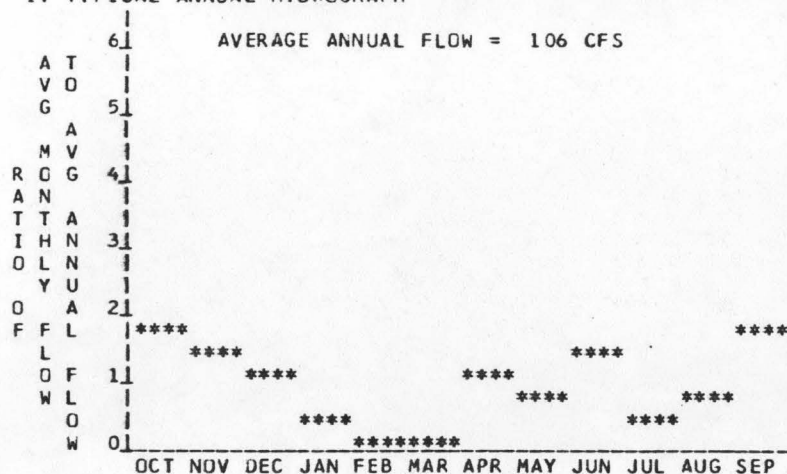
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3480 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2900 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 580 FT.
 D. AVERAGE SLOPE IN REACH 120.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 68 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	16	0.88	7.60	0.99
80	46	2.52	20.19	0.92
50	105	5.75	38.58	0.77
30	150	8.21	47.21	0.66
10	200	10.95	52.01	0.54

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240252000R0001

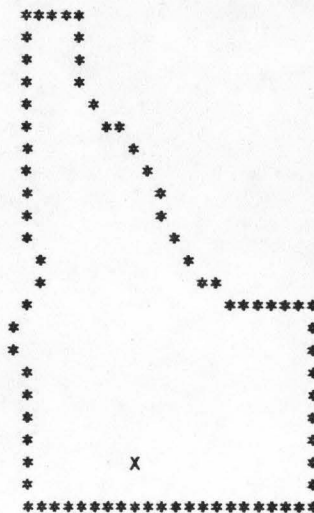
I LOCATION

A. STATE	IDAHO
B. COUNTY	TWIN FALLS
C. TOWNSHIP, RANGE	T 9S R14E
D. LATITUDE, LONGITUDE	42 39 114 47
E. STREAM NAME	MUD CREEK
F. MAJOR BASIN NAME	MUD CREEK
G. RIVER MILE	0.0 TO 8.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



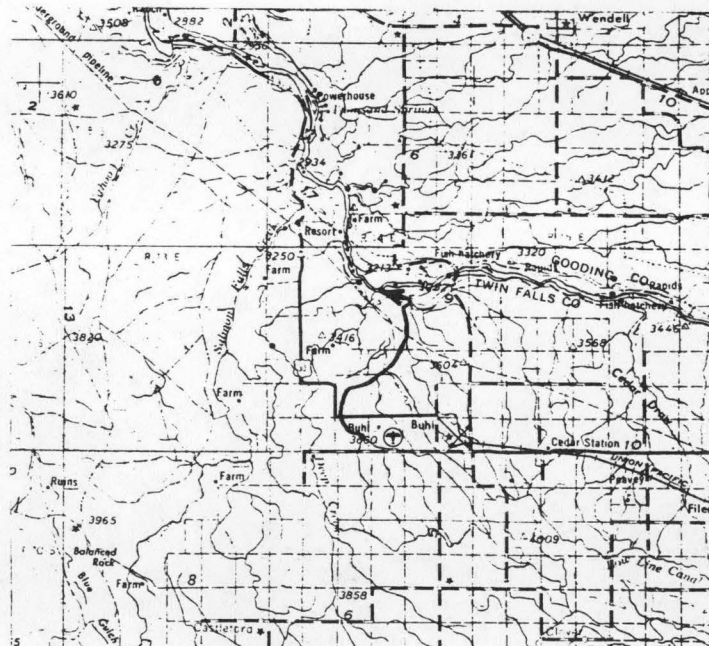
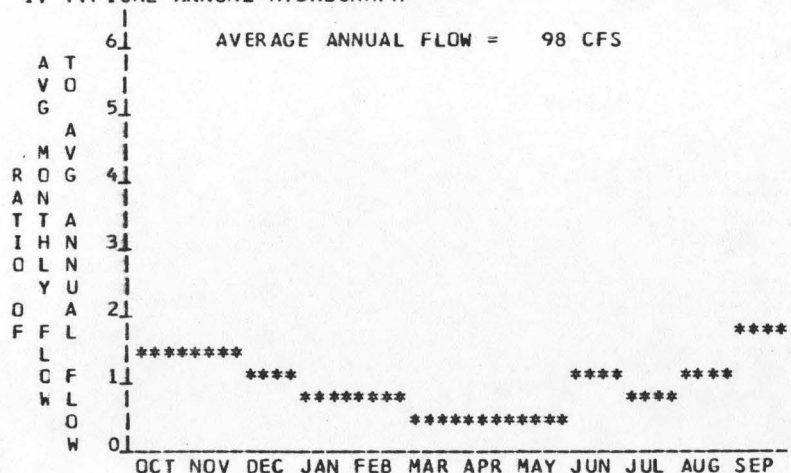
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3620 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2900 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	720 FT.
D. AVERAGE SLOPE IN REACH	90.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	90 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	38	2.53	22.06	0.99
80	58	3.86	32.27	0.95
50	100	6.66	48.20	0.83
30	120	7.99	52.87	0.75
10	170	11.32	58.70	0.59

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240254000R0C01

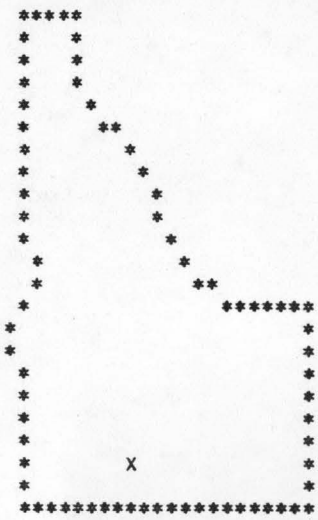
I LOCATION

A. STATE IDAHO
 B. COUNTY GODDING
 C. TOWNSHIP, RANGE T 9S R15E
 D. LATITUDE, LONGITUDE 42 39 114 40
 E. STREAM NAME NIAGARA SPRINGS
 F. MAJOR BASIN NAME NIAGARA SPRINGS
 G. RIVER MILE 0.0 TO 0.2

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 TWIN FALLS



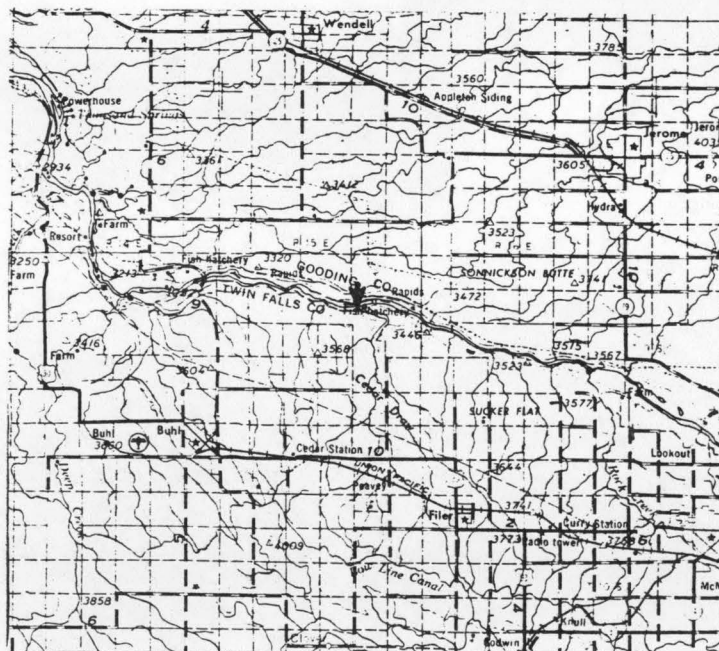
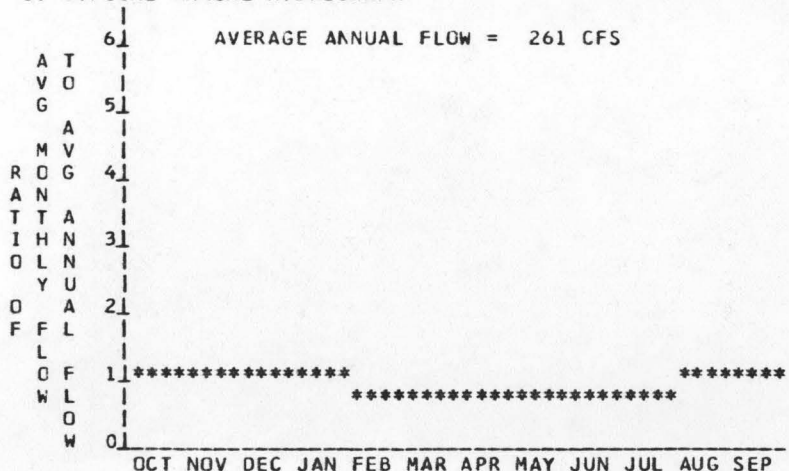
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 3050 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 2980 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 70 FT.
 D. AVERAGE SLOPE IN REACH 350.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 0 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	200	2.31	20.07	0.99
80	225	2.59	22.27	0.98
50	250	2.88	23.92	0.95
30	255	2.94	24.12	0.94
10	290	3.34	24.82	0.85

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240256000R0001

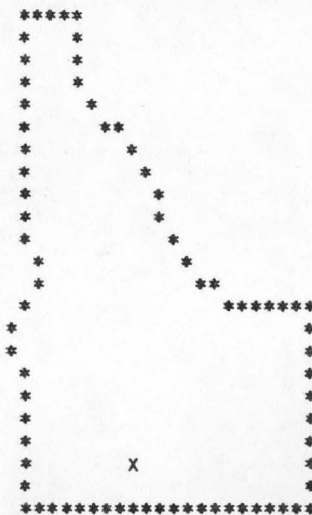
I LOCATION

A. STATE	IDAHO
B. COUNTY	TWIN FALLS
C. TOWNSHIP, RANGE	T 9S R15E
D. LATITUDE, LONGITUDE	42 38 114 40
E. STREAM NAME	CEDAR DRAW
F. MAJOR BASIN NAME	CEDAR DRAW
G. RIVER MILE	0.0 TO 3.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



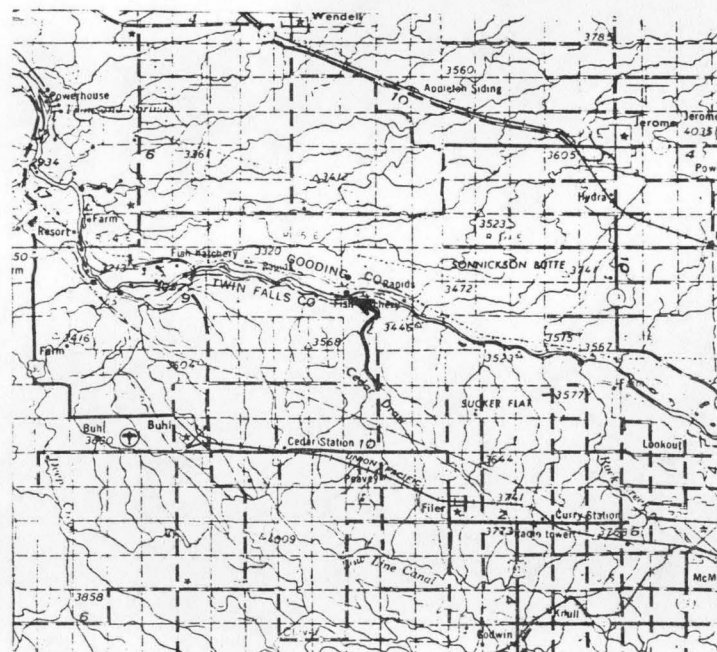
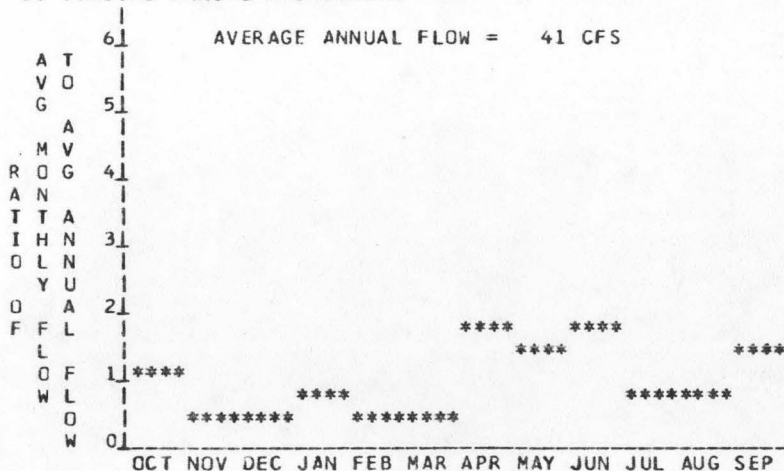
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3530 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2980 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	550 FT.
D. AVERAGE SLOPE IN REACH	144.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	0 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	6	0.31	2.73	1.00
80	12	0.63	5.13	0.94
50	38	1.98	12.86	0.74
30	60	3.13	16.89	0.62
10	84	4.39	19.08	0.50

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240258000R0001

I LOCATION

A. STATE	IDAHO
B. COUNTY	TWIN FALLS
C. TOWNSHIP, RANGE	T10S R16E
D. LATITUDE, LONGITUDE	42 32 114 30
E. STREAM NAME	ROCK CREEK
F. MAJOR BASIN NAME	ROCK CREEK
G. RIVER MILE	0.0 TO 10.7

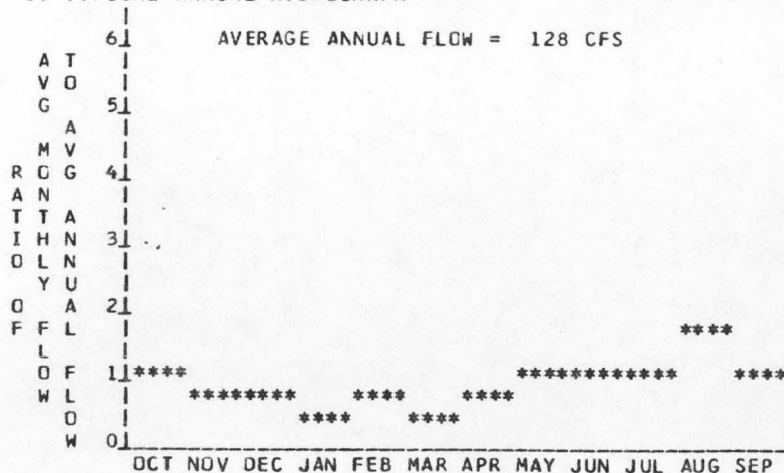
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	3750 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2990 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	760 FT.
D. AVERAGE SLOPE IN REACH	71.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	387 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	71	4.97	43.40	1.00
80	86	6.02	51.45	0.98
50	135	9.45	70.98	0.86
30	154	10.78	75.64	0.80
10	166	11.62	77.11	0.76

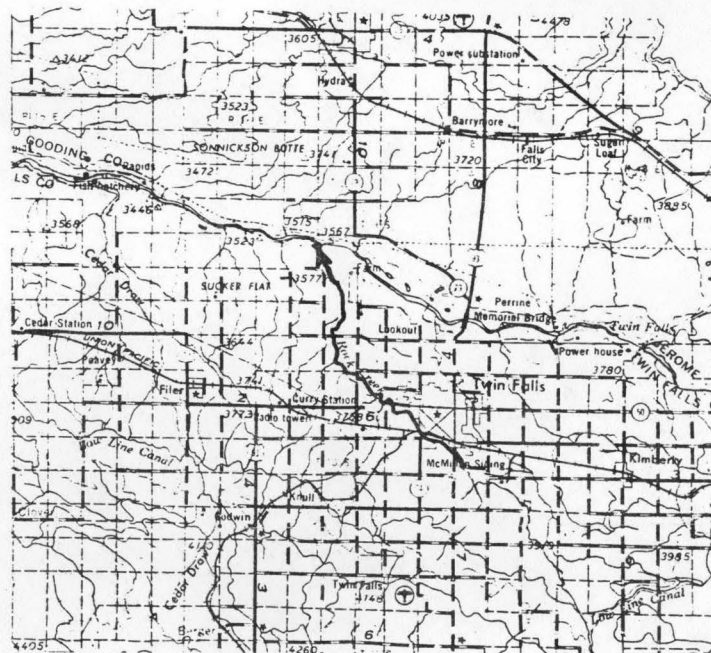
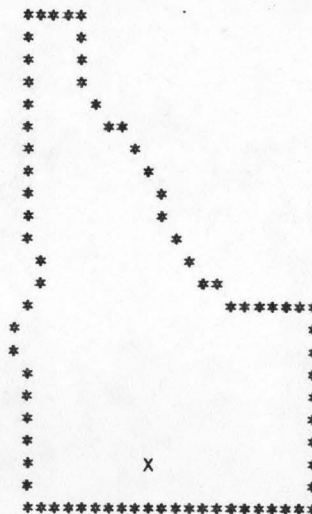
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024026000CR0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	BANNOCK, POWER
C. TOWNSHIP, RANGE	T 6S R34E
D. LATITUDE, LONGITUDE	42 54 112 30
E. STREAM NAME	PORTNEUF RIVER
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	0.0 TO 9.5

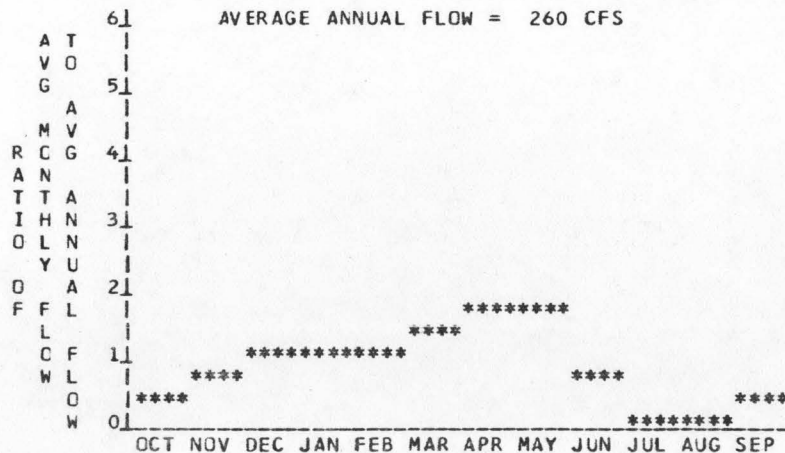
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4420 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4354 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	66 FT.
D. AVERAGE SLOPE IN REACH	6.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1294 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

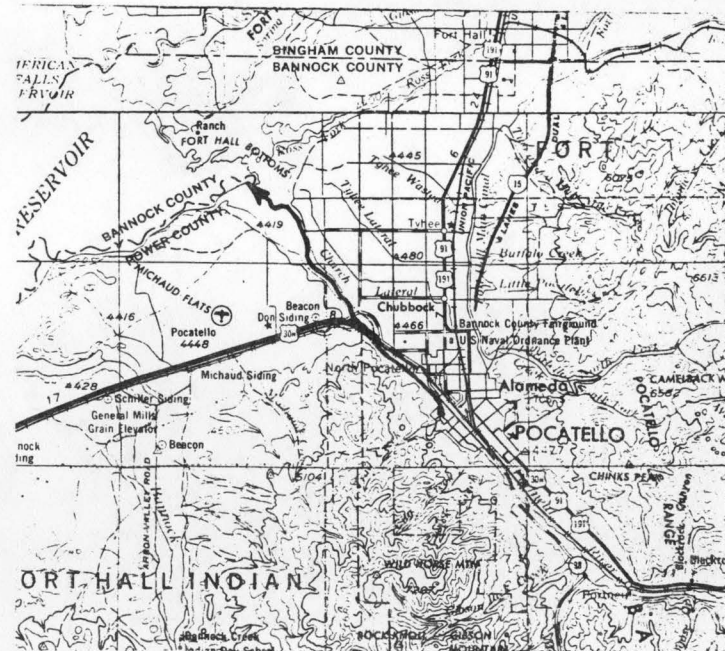
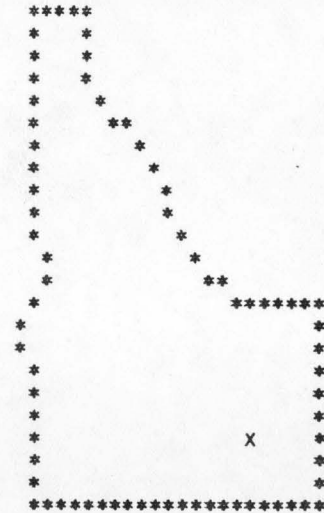
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	46	0.26	2.24	0.99
80	91	0.51	4.16	0.93
50	233	1.30	8.69	0.76
30	318	1.78	10.35	0.66
10	487	2.72	12.01	0.50

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
POCATELLO



REACH HYDRO-POTENTIAL CHARACTERISTICS

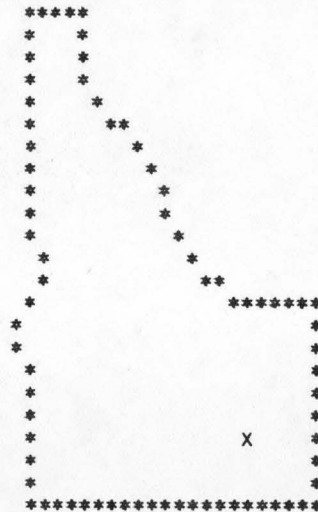
REACH NUMBER 0350024026000CR0006

I LOCATION

A. STATE IDAHO
 B. COUNTY BANNOCK
 C. TOWNSHIP, RANGE T 7S R35E
 D. LATITUDE, LONGITUDE 42 48 112 21
 E. STREAM NAME PORTNEUF RIVER
 F. MAJOR BASIN NAME PORTNEUF RIVER
 G. RIVER MILE 14.7 TO 24.2

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 POCATELLO



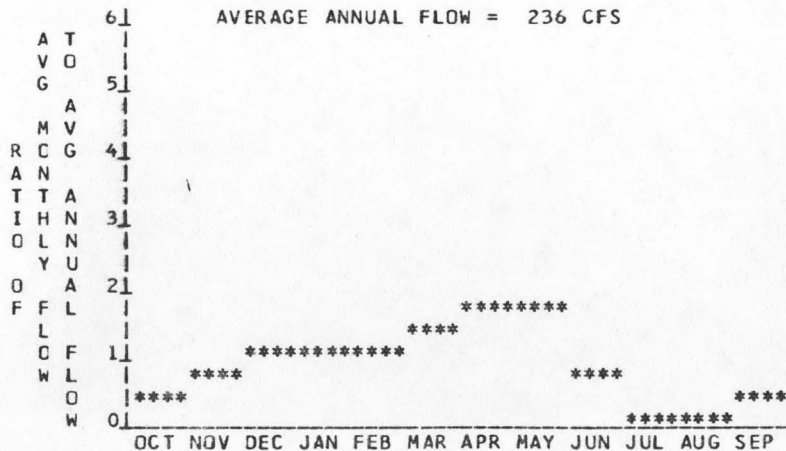
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4520 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4460 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 60 FT.
 D. AVERAGE SLOPE IN REACH 6.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1237 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	41	0.21	1.81	0.99
80	82	0.42	3.41	0.93
50	212	1.08	7.17	0.76
30	289	1.47	8.54	0.66
10	443	2.25	9.92	0.50

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240260000R0C08

I LOCATION

A. STATE	IDAHO
B. COUNTY	BANNOCK
C. TOWNSHIP, RANGE	T 8S R36E
D. LATITUDE, LONGITUDE	42 43 112 13
E. STREAM NAME	PORTNEUF RIVER
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	24.2 TO 40.6

LOCATION MAPS

U.S. TQPD SERIES
1:250000
SCALE

MAP NAME
POCATELLO

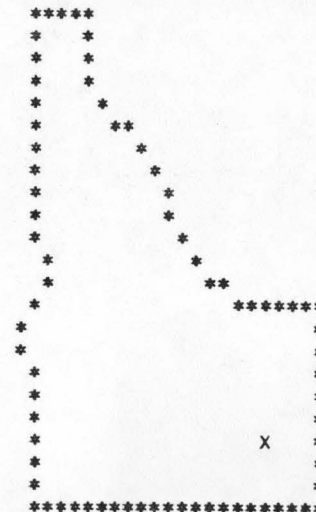
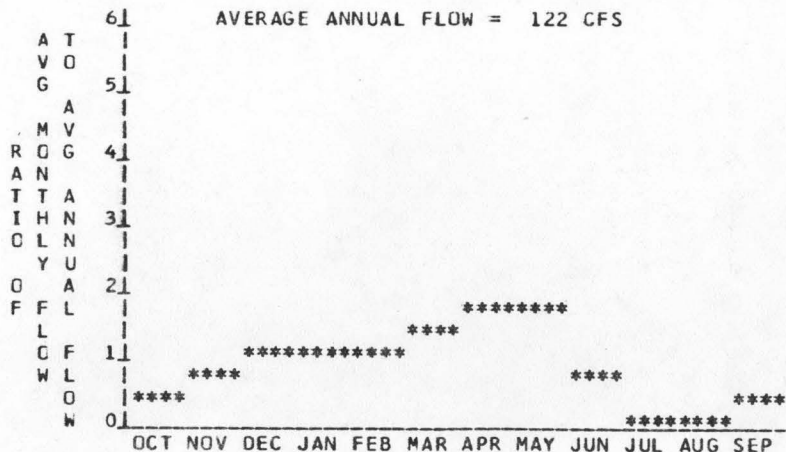
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4920 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4520 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	400 FT.
D. AVERAGE SLOPE IN REACH	24.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	649 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	22	0.75	6.47	0.99
80	43	1.46	11.93	0.93
50	110	3.73	24.86	0.76
30	150	5.08	29.61	0.66
10	229	7.76	34.31	0.50

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240260000ROC10

I LOCATION

A. STATE	IDAHO
B. COUNTY	BANNOCK, CARIBOU
C. TOWNSHIP, RANGE	T 8S R38E
D. LATITUDE, LONGITUDE	42 41 112 0
E. STREAM NAME	PORTNEUF RIVER
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	40.6 TO 59.3

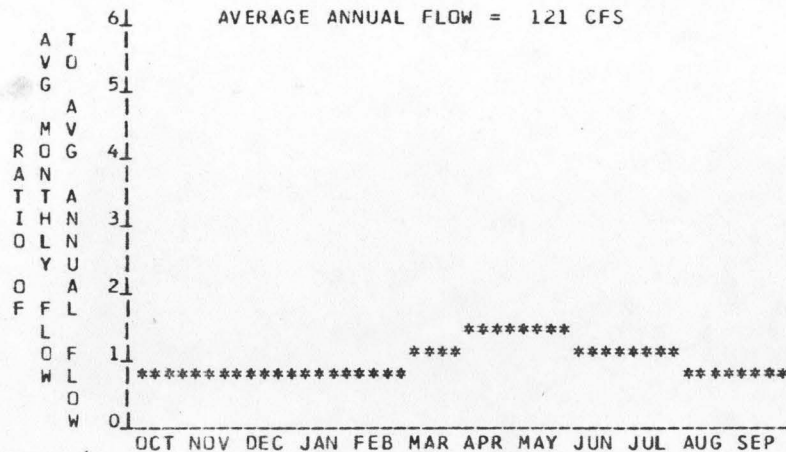
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5310 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4920 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	390 FT.
D. AVERAGE SLOPE IN REACH	20.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	577 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

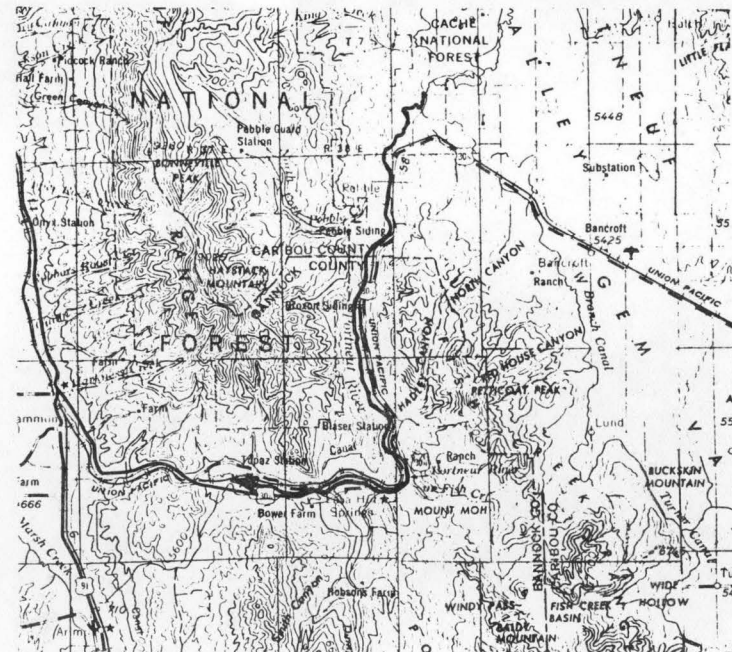
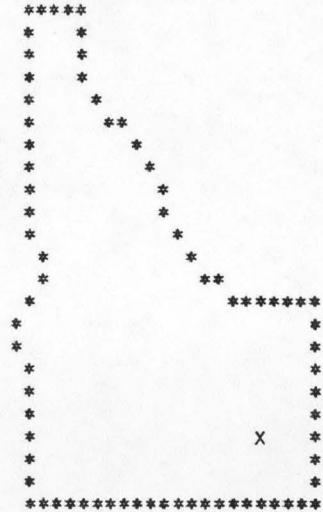
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	64	2.12	18.39	0.99
80	77	2.54	21.69	0.97
50	108	3.57	27.52	0.88
30	135	4.46	30.65	0.78
10	192	6.35	33.95	0.61

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
POCATELLO



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C260000R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	CARIBOU
C. TOWNSHIP, RANGE	T 7S R39E
D. LATITUDE, LONGITUDE	42 50 111 51
E. STREAM NAME	PORTNEUF RIVER
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	59.3 TO 61.0

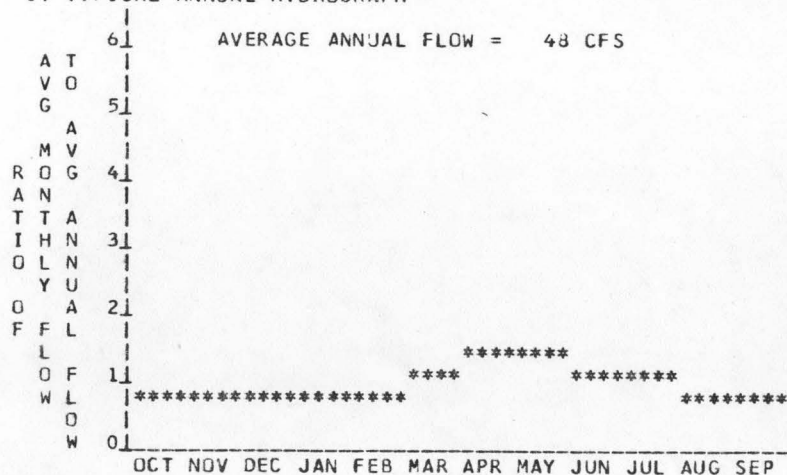
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5354 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5310 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	44 FT.
D. AVERAGE SLOPE IN REACH	25.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	245 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

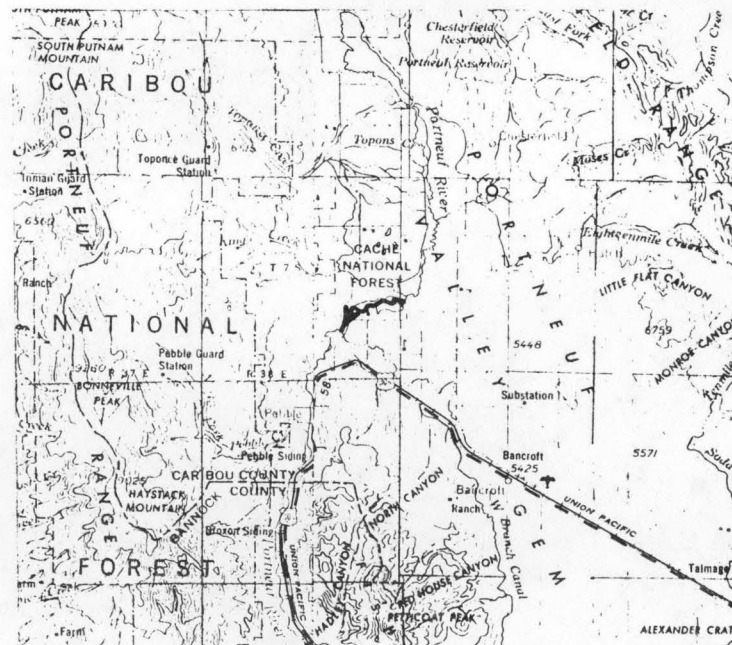
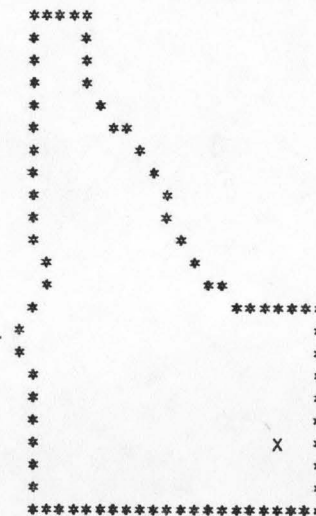
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.22	1.95	0.99
80	30	0.28	2.37	0.97
50	41	0.38	2.96	0.88
30	52	0.48	3.32	0.78
10	85	0.79	3.86	0.56

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
PRESTON



REACH HYDRO-POTENTIAL CHARACTERISTICS .

REACH NUMBER 0350024026001CROCO2

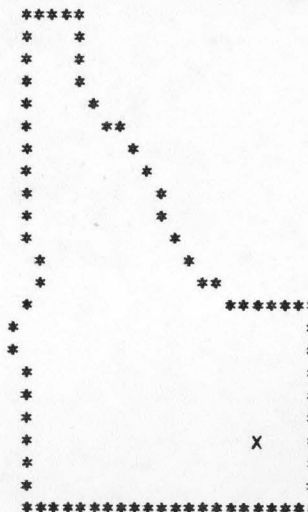
I LOCATION

A. STATE	IDAHO
B. COUNTY	BANNOCK
C. TOWNSHIP, RANGE	T 8S R36E
D. LATITUDE, LONGITUDE	42 43 112 15
E. STREAM NAME	MARSH CREEK
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	0.0 TO 12.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
POCATELLO



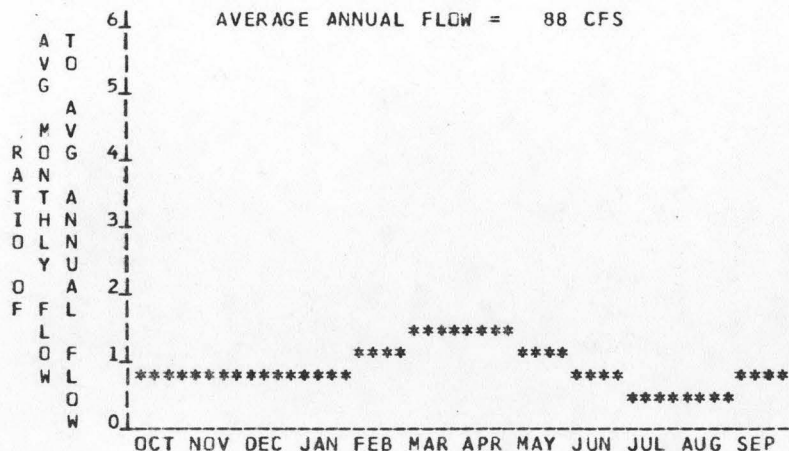
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4620 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4520 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	100 FT.
D. AVERAGE SLOPE IN REACH	8.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MCUTH	416 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	42	0.36	3.08	0.99
80	58	0.49	4.12	0.96
50	75	0.64	4.94	0.89
30	90	0.76	5.39	0.81
10	140	1.19	6.13	0.59

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240260010R0006

I LOCATION

A. STATE	IDAHO
B. COUNTY	BANNOCK
C. TOWNSHIP, RANGE	T10S R37E
D. LATITUDE, LONGITUDE	42 33 112 8
E. STREAM NAME	MARSH CREEK
F. MAJOR BASIN NAME	PORTNEUF RIVER
G. RIVER MILE	12.1 TO 24.7

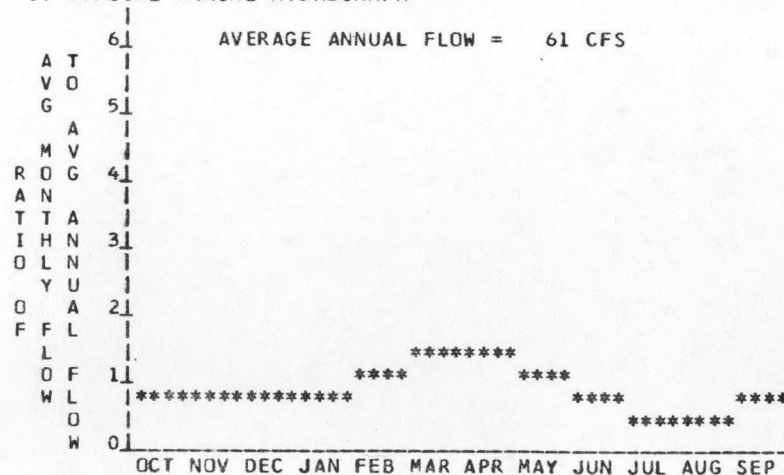
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4680 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4620 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	60 FT.
D. AVERAGE SLOPE IN REACH	4.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	362 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	29	0.31	2.68	0.99
80	40	0.43	3.58	0.96
50	52	0.56	4.31	0.89
30	63	0.67	4.72	0.80
10	97	1.04	5.36	0.59

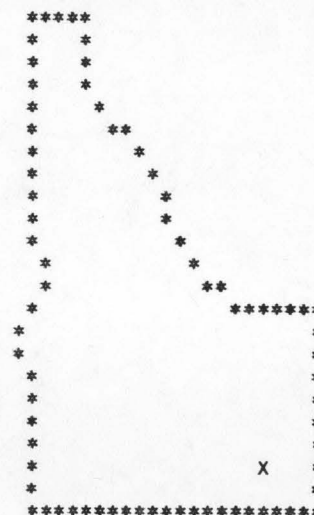
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
POCATELLO



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024026200CR0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	CLARK
C. TOWNSHIP, RANGE	T12N R34E
D. LATITUDE, LONGITUDE	44 17 112 27
E. STREAM NAME	MEDICINE LODGE CREEK
F. MAJOR BASIN NAME	MUD LAKE
G. RIVER MILE	4.1 TO 10.6

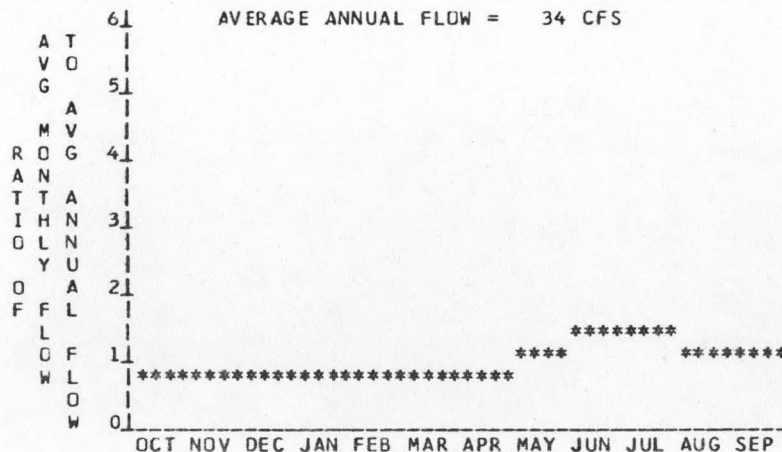
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5710 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5420 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	290 FT.
D. AVERAGE SLOPE IN REACH	44.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	107 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	17	0.42	3.65	1.00
80	28	0.69	5.72	0.95
50	41	1.01	7.54	0.85
30	49	1.20	8.23	0.78
10	63	1.55	8.83	0.65

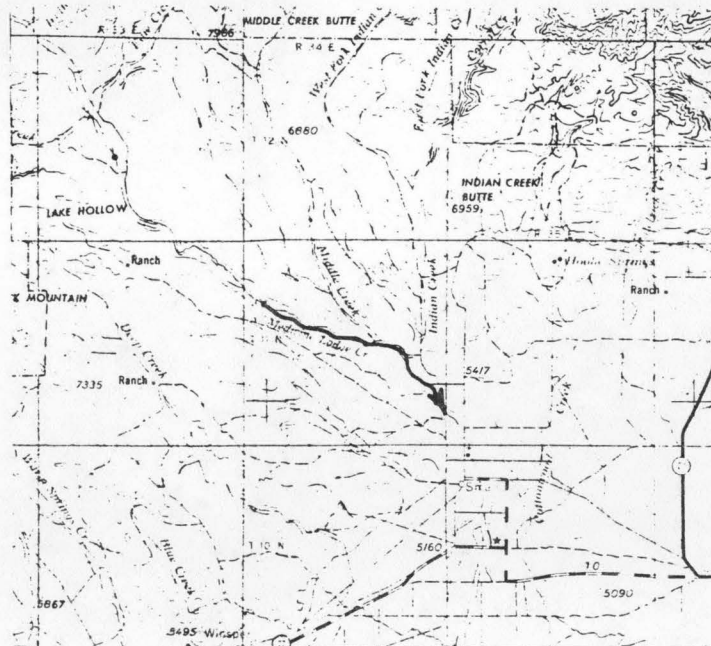
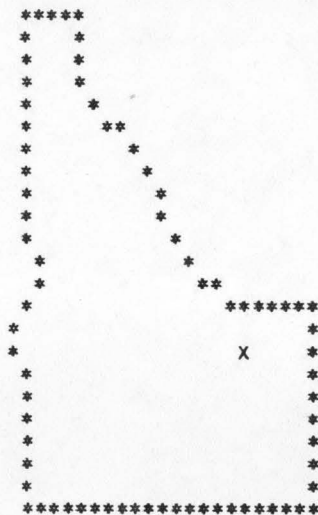
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TQPD SERIES
1:250000
SCALE

MAP NAME
DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240262000R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	CLARK
C. TOWNSHIP, RANGE	T12N R33E
D. LATITUDE, LONGITUDE	44 19 112 31
E. STREAM NAME	MEDICINE LODGE CREEK
F. MAJOR BASIN NAME	MUD LAKE
G. RIVER MILE	10.6 TO 17.4

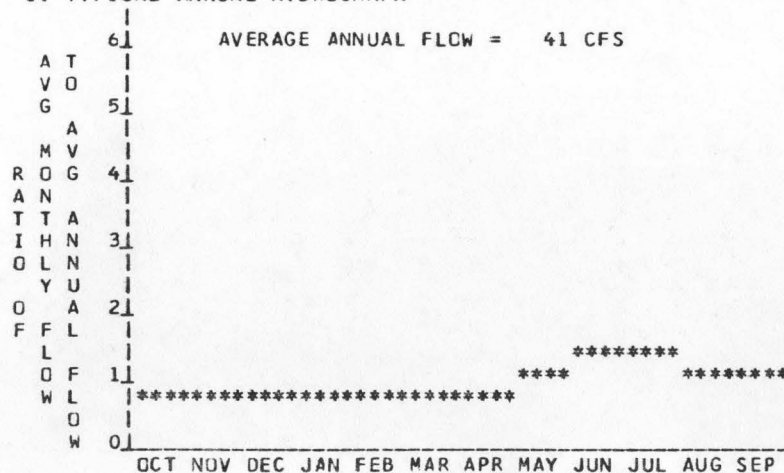
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5840 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5710 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	130 FT.
D. AVERAGE SLOPE IN REACH	19.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	158 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	17	0.28	2.47	1.00
80	28	0.47	3.87	0.95
50	41	0.68	5.10	0.85
30	49	0.81	5.56	0.78
10	63	1.05	5.97	0.65

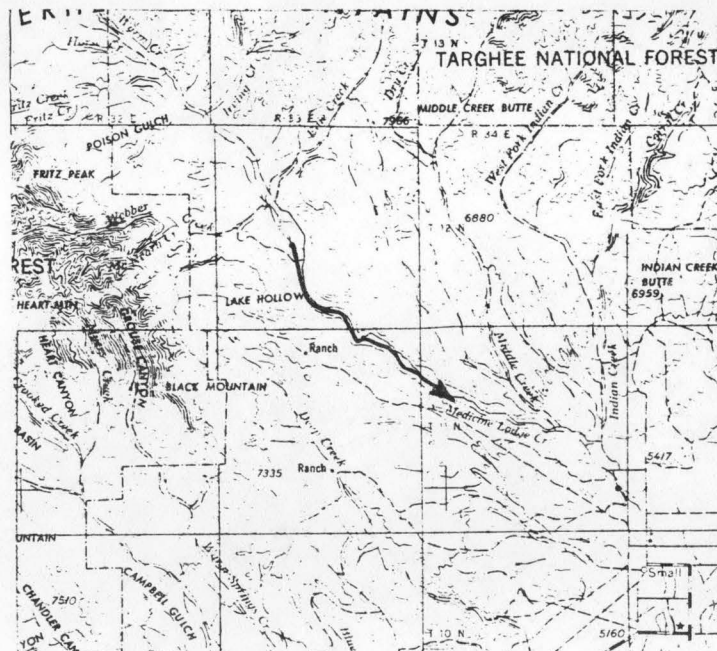
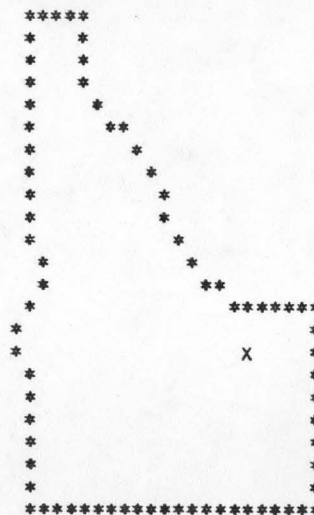
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DUBOIS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240280000R0C02

I LOCATION

A. STATE	IDAHO
B. COUNTY	BINGHAM
C. TOWNSHIP, RANGE	T 3S R35E
D. LATITUDE, LONGITUDE	43 9 112 20
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	0.0 TO 10.6

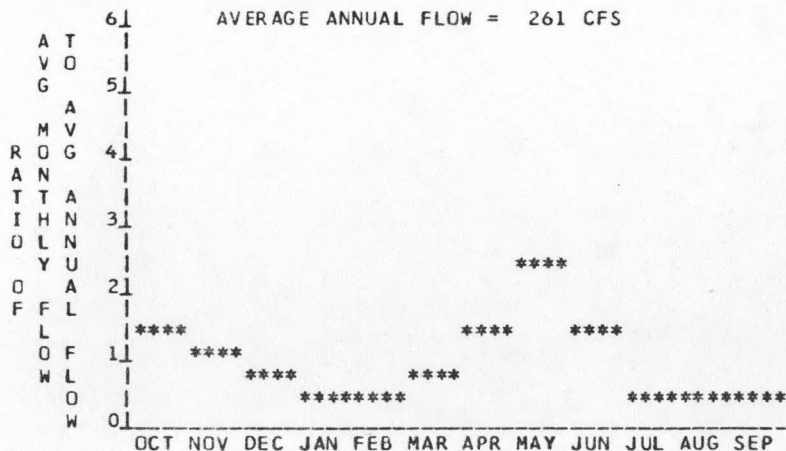
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4500 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4408 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	92 FT.
D. AVERAGE SLOPE IN REACH	8.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1077 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

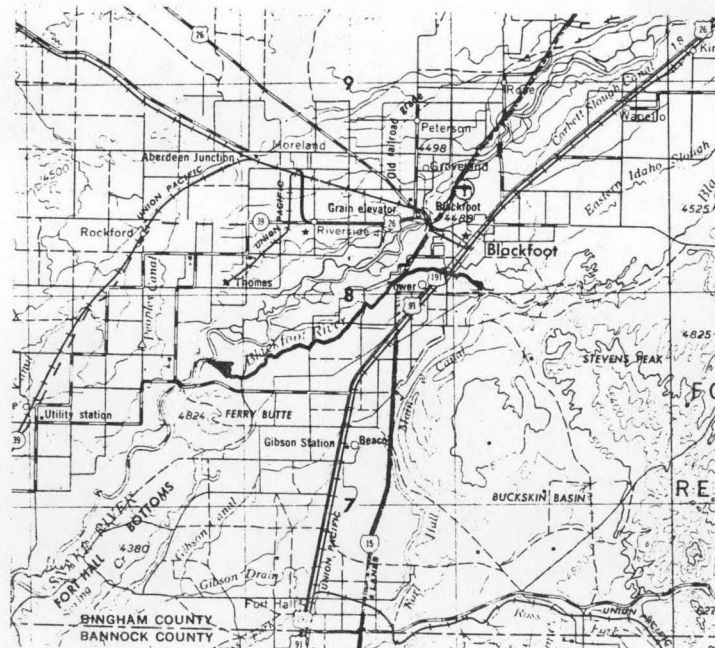
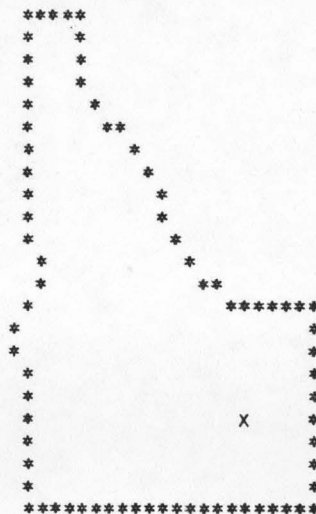
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.19	1.62	0.99
80	82	0.64	5.08	0.91
50	188	1.47	9.79	0.76
30	287	2.24	12.49	0.64
10	521	4.06	15.69	0.44

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240280000R0003

I LOCATION

A. STATE	IDAHO
B. COUNTY	BINGHAM
C. TOWNSHIP, RANGE	T 3S R35E
D. LATITUDE, LONGITUDE	43 10 112 19
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	10.6 TO 12.4

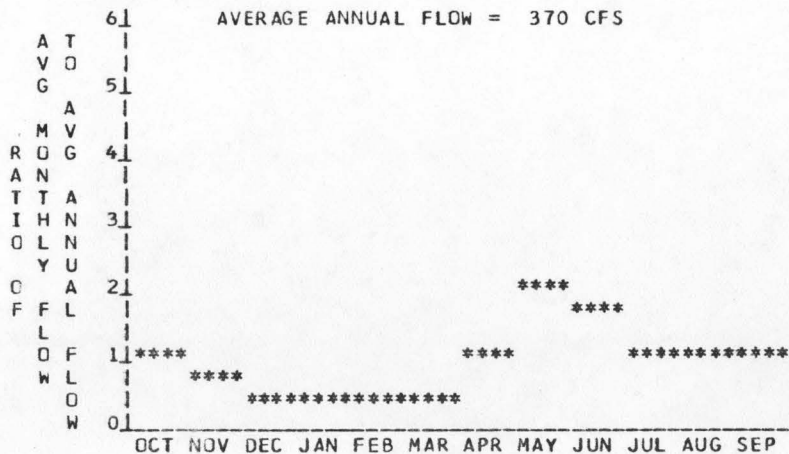
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4508 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4500 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	8 FT.
D. AVERAGE SLOPE IN REACH	4.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1049 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	77	0.05	0.45	0.98
80	151	0.10	0.83	0.93
50	307	0.21	1.44	0.79
30	427	0.29	1.72	0.68
10	680	0.46	2.02	0.50

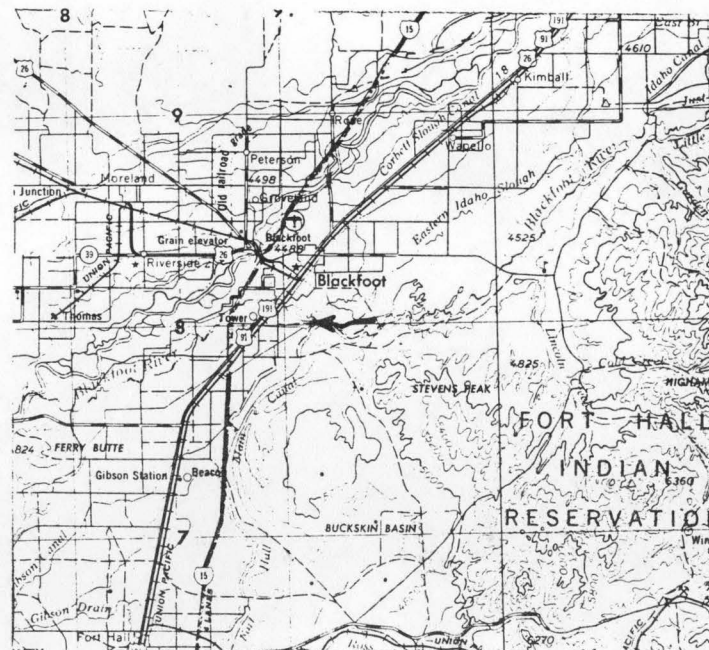
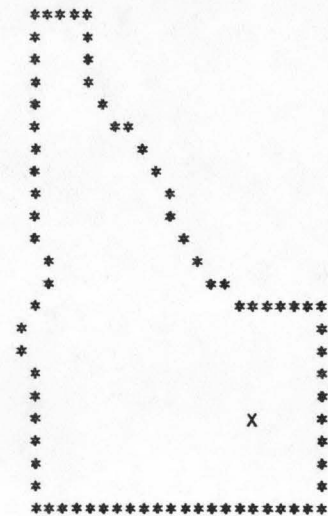
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024028000CR0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	BINGHAM
C. TOWNSHIP, RANGE	T 2S R36E
D. LATITUDE, LONGITUDE	43 13 112 13
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	14.8 TO 21.2

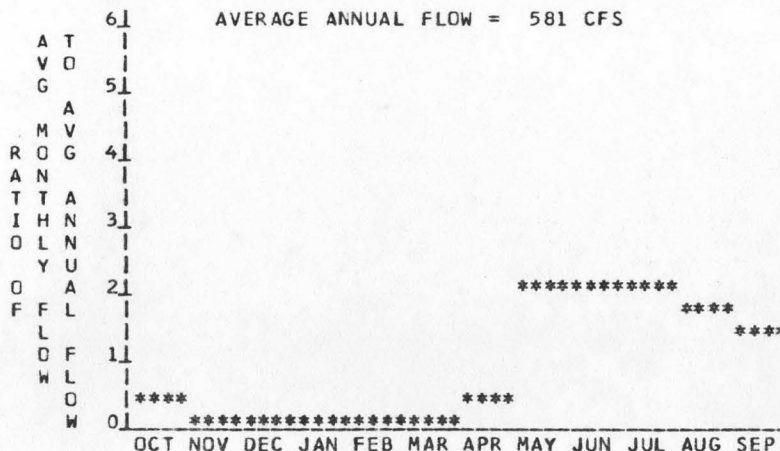
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4555 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4525 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	30 FT.
D. AVERAGE SLOPE IN REACH	4.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1037 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	52	0.13	1.15	0.99
80	71	0.18	1.52	0.96
50	268	0.68	4.37	0.73
30	987	2.51	10.77	0.49
10	1384	3.52	12.54	0.41

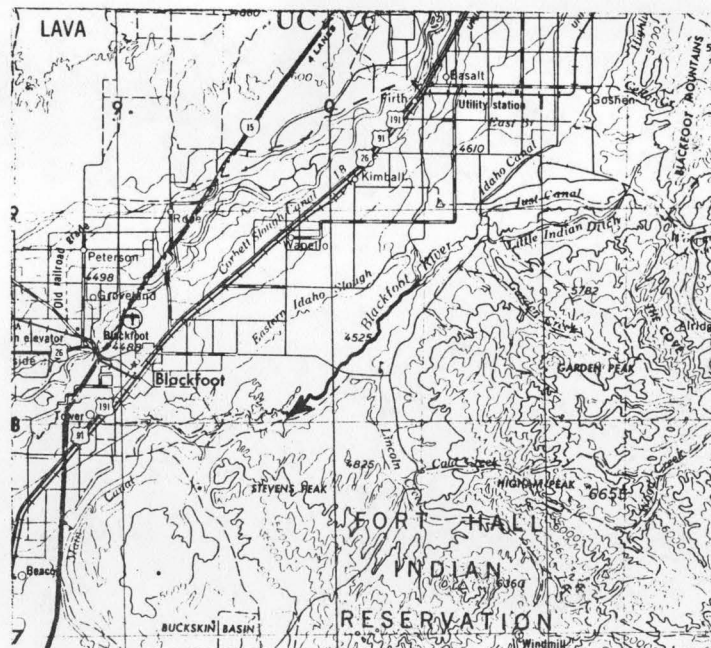
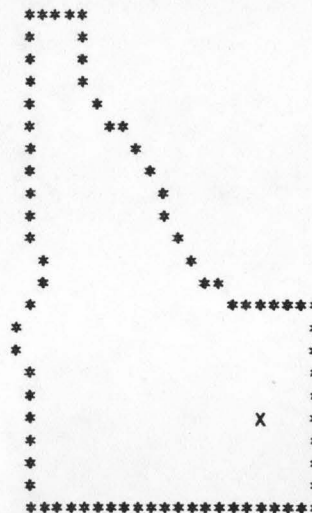
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240280000R0005

I LOCATION

A. STATE	IDAHO
B. COUNTY	BINGHAM
C. TOWNSHIP, RANGE	T 2S R37E
D. LATITUDE, LONGITUDE	43 15 112 7
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	21.2 TO 29.7

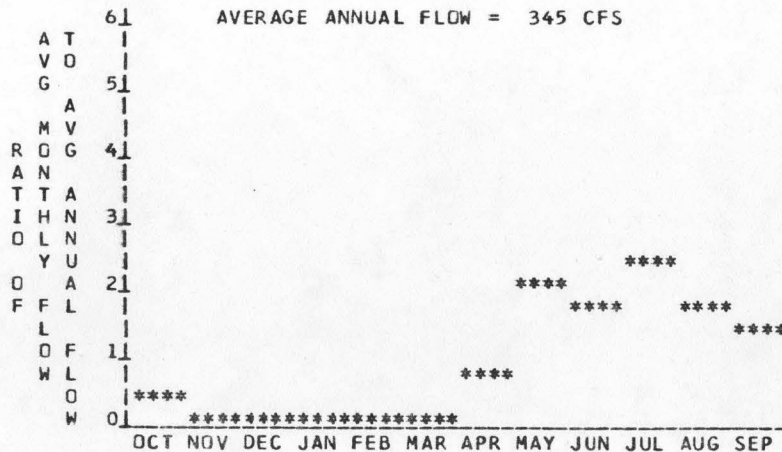
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4650 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4555 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	95 FT.
D. AVERAGE SLOPE IN REACH	11.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	936 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

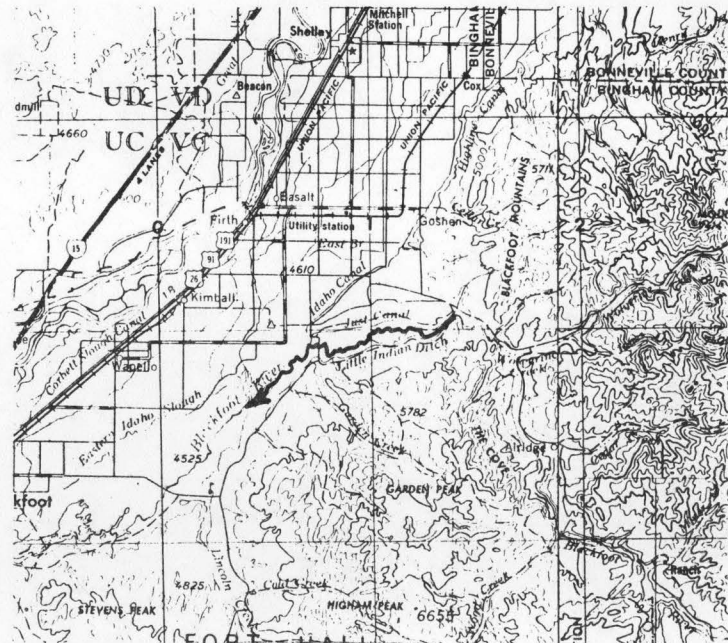
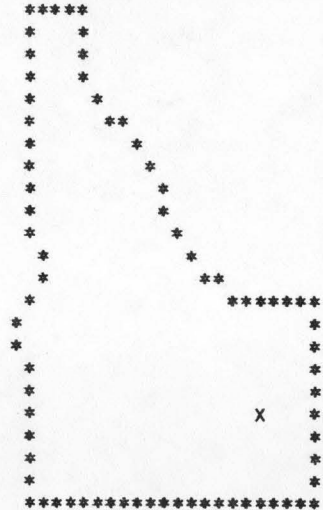
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	51	0.41	3.56	0.99
80	65	0.52	4.42	0.96
50	171	1.38	9.28	0.77
30	517	4.16	19.04	0.52
10	825	6.64	23.39	0.40

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
IDAHO FALLS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240280000R0006

I LOCATION

A. STATE IDAHO
 B. COUNTY BINGHAM
 C. TOWNSHIP, RANGE T 3S R38E
 D. LATITUDE, LONGITUDE 43 10 112 0
 E. STREAM NAME BLACKFOOT RIVER
 F. MAJOR BASIN NAME BLACKFOOT RIVER
 G. RIVER MILE 29.7 TO 53.2

LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME IDAHO FALLS

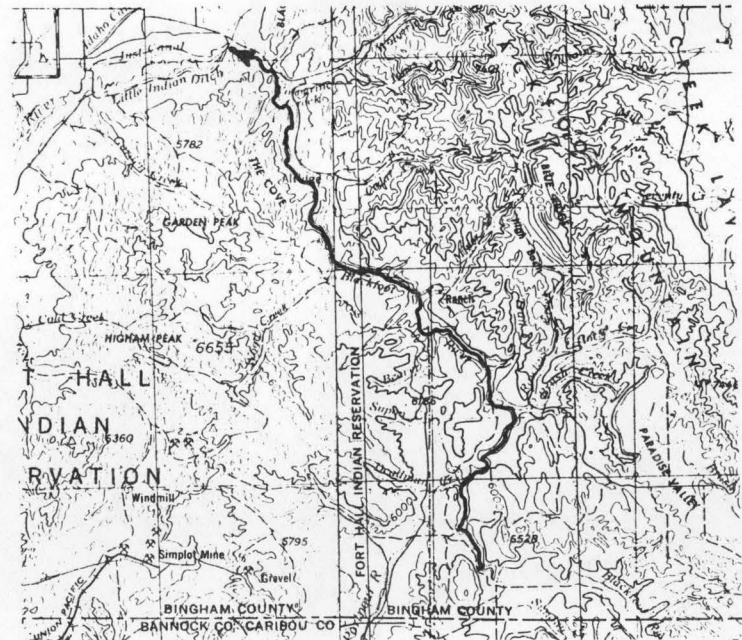
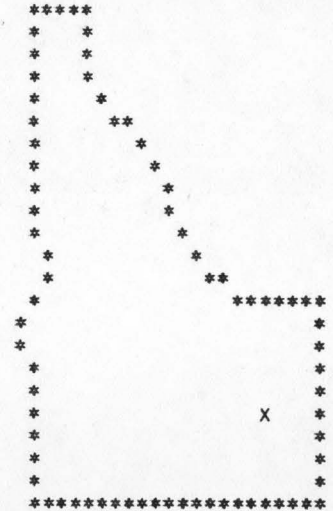
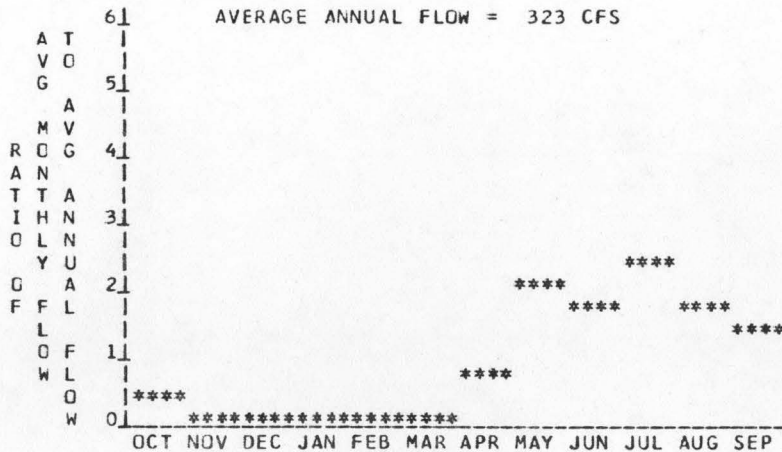
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5780 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4650 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 1130 FT.
 D. AVERAGE SLOPE IN REACH 48.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 899 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	37	3.54	30.43	0.98
80	47	4.50	37.77	0.96
50	133	12.74	84.66	0.76
30	502	48.07	208.48	0.50
10	811	77.66	260.33	0.38

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024028000OR0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	BINGHAM, CARIBOU
C. TOWNSHIP, RANGE	T 5S R40E
D. LATITUDE, LONGITUDE	43 0 111 48
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	53.2 TO 67.6

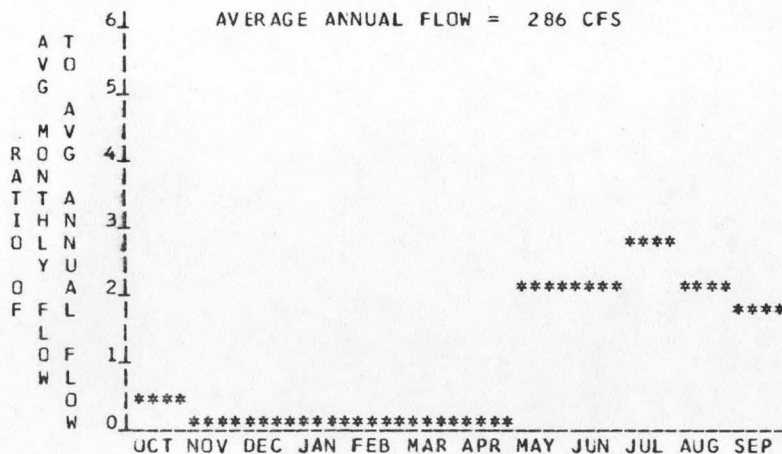
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6100 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5780 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	320 FT.
D. AVERAGE SLOPE IN REACH	22.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	705 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.38	3.27	0.98
80	34	0.92	7.43	0.92
50	137	3.72	23.33	0.72
30	476	12.91	55.55	0.49
10	786	21.32	70.28	0.38

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

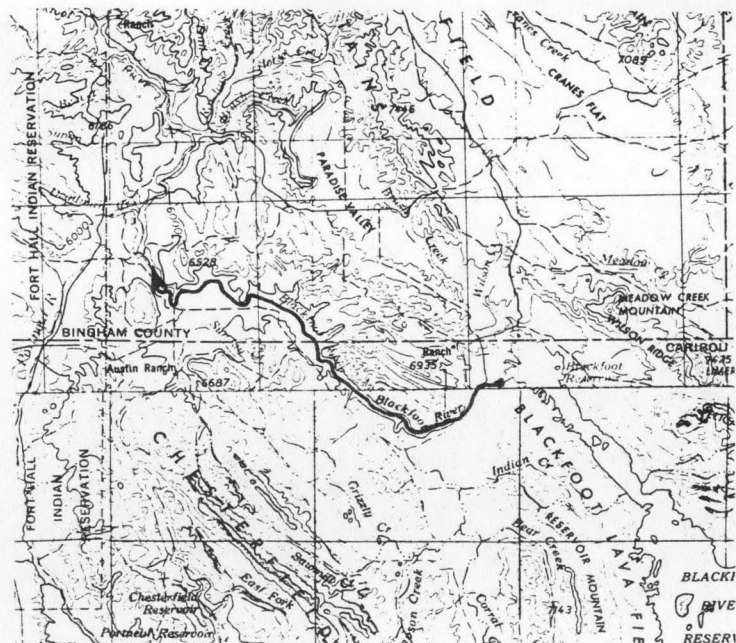
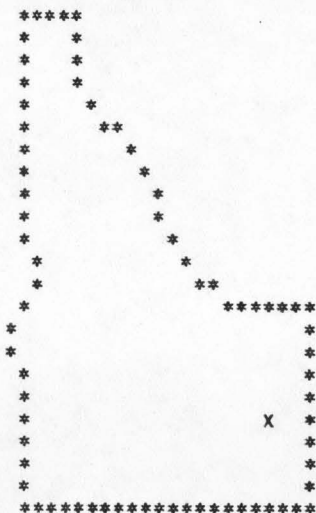
U.S. TOPO SERIES

1:250000

SCALE

MAP NAME

DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240280000R0012

I LOCATION

A. STATE IDAHO
 B. COUNTY CARIBOU
 C. TOWNSHIP, RANGE T 7S R42E
 D. LATITUDE, LONGITUDE 42 48 111 33
 E. STREAM NAME BLACKFOOT RIVER
 F. MAJOR BASIN NAME BLACKFOOT RIVER
 G. RIVER MILE 82.4 TO 88.2

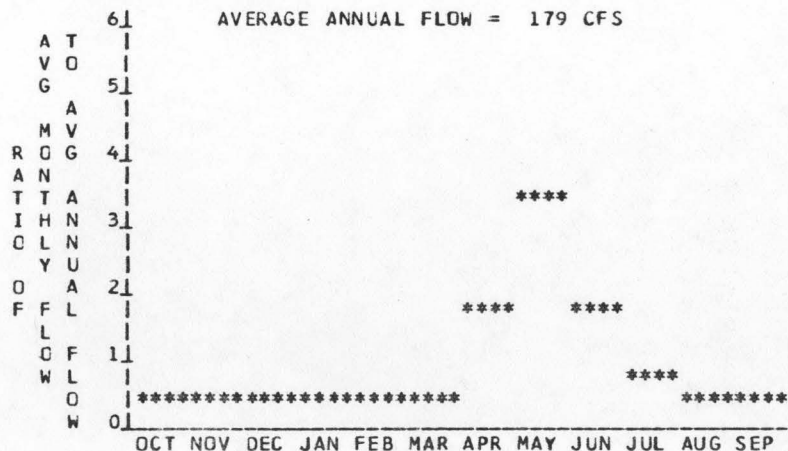
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6240 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6111 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 129 FT.
 D. AVERAGE SLOPE IN REACH 22.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 360 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

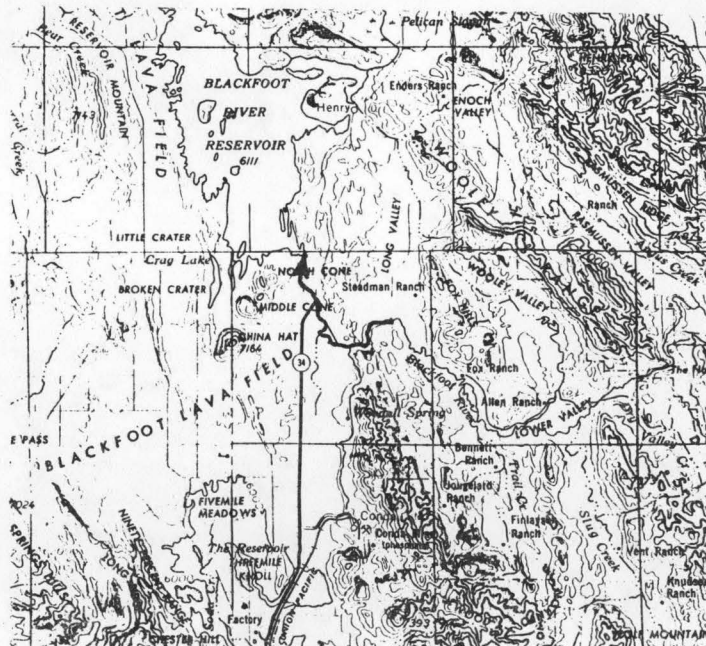
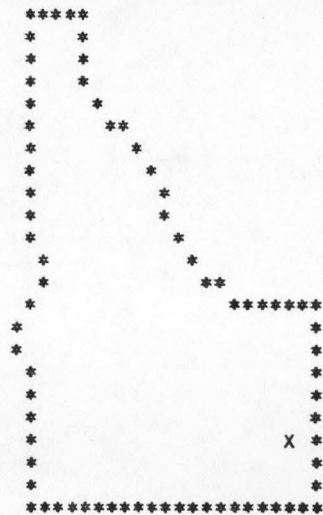
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	59	0.64	5.64	1.00
80	75	0.82	6.98	0.97
50	103	1.13	8.72	0.88
30	158	1.73	10.83	0.72
10	423	4.62	15.90	0.39

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 PRESTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024028000CROC14

I LOCATION

A. STATE IDAHO
 B. COUNTY CARIBOU
 C. TOWNSHIP, RANGE T 7S R43E
 D. LATITUDE, LONGITUDE 42 47 111 25
 E. STREAM NAME BLACKFOOT RIVER
 F. MAJOR BASIN NAME BLACKFOOT RIVER
 G. RIVER MILE 88.2 TO 97.0

LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 PRESTON

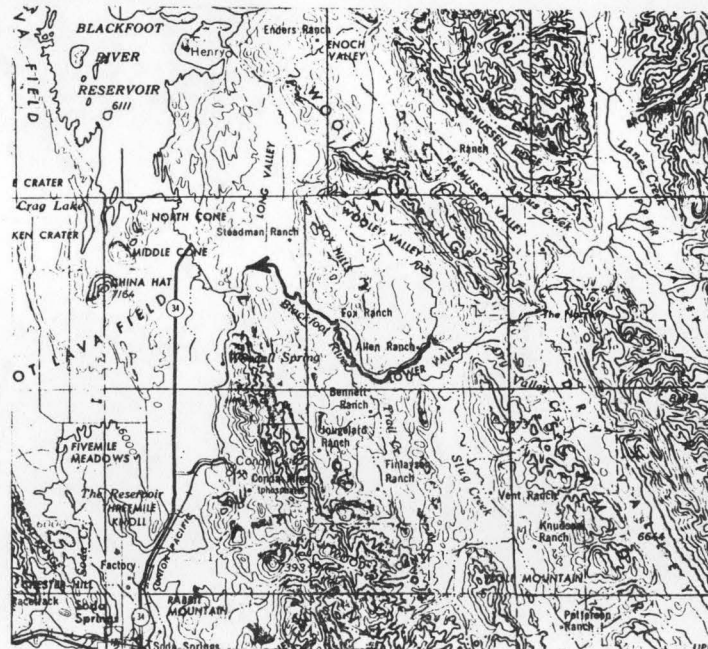
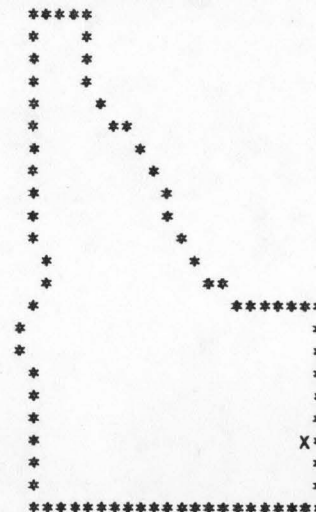
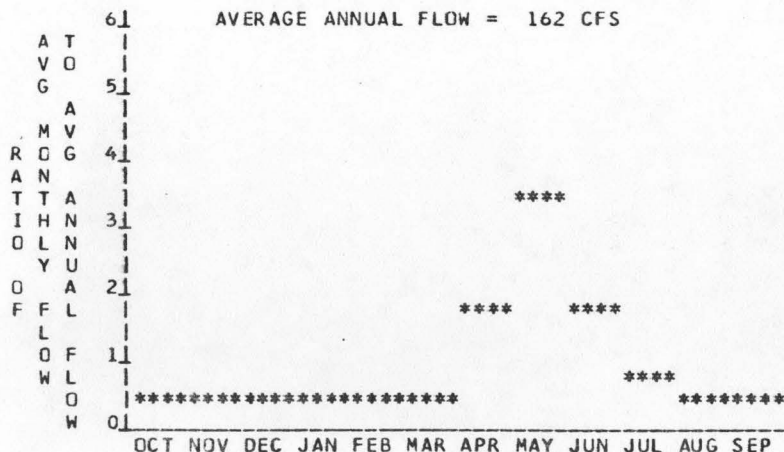
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6310 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6240 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 70 FT.
 D. AVERAGE SLOPE IN REACH 8.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 337 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	55	0.33	2.85	1.00
80	69	0.41	3.49	0.97
50	95	0.56	4.37	0.88
30	144	0.85	5.39	0.72
10	376	2.23	7.80	0.40

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

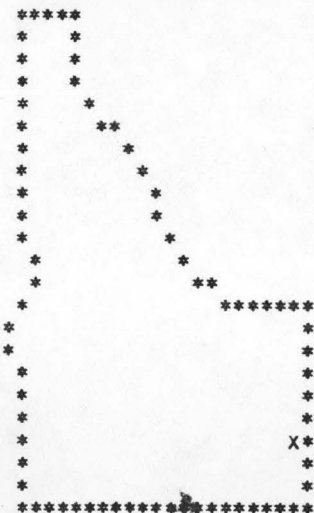
REACH NUMBER 03500240280000R0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	CARIBOU
C. TOWNSHIP, RANGE	T 7S R44E
D. LATITUDE, LONGITUDE	42 50 111 20
E. STREAM NAME	BLACKFOOT RIVER
F. MAJOR BASIN NAME	BLACKFOOT RIVER
G. RIVER MILE	97.0 TO 105.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
PRESTON



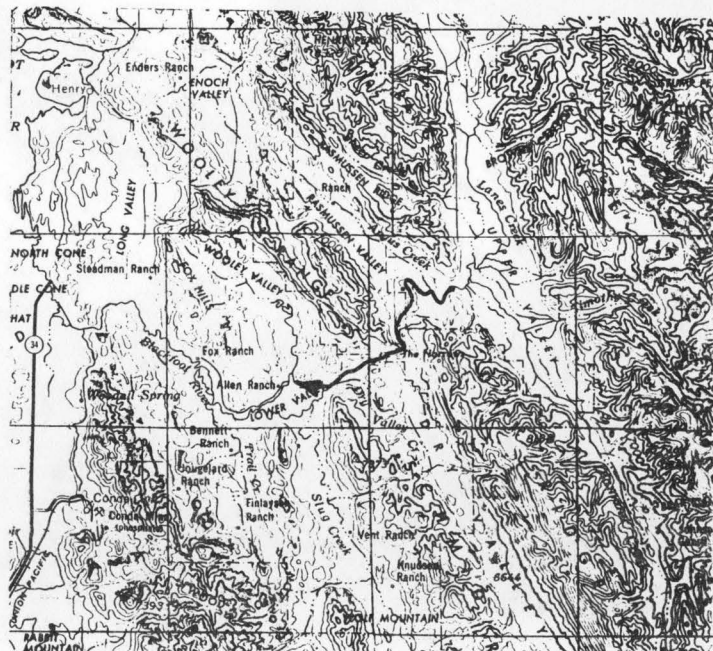
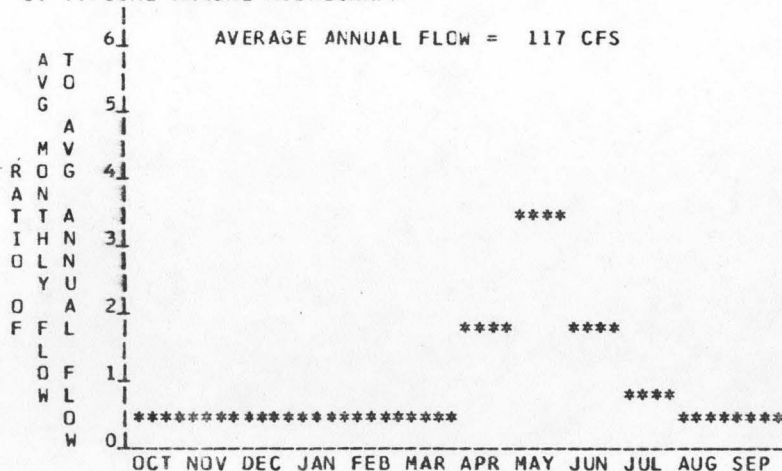
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6415 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6310 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	105 FT.
D. AVERAGE SLOPE IN REACH	13.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	284 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	43	0.62	5.45	1.00
80	53	0.77	6.56	0.97
50	72	1.04	8.13	0.89
30	106	1.54	9.85	0.73
10	258	3.74	13.71	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240288000R0C02

I LOCATION

A. STATE	IDAHO
B. COUNTY	BONNEVILLE
C. TOWNSHIP, RANGE	T 3N R39E
D. LATITUDE, LONGITUDE	43 35 111 52
E. STREAM NAME	WILLOW CREEK
F. MAJOR BASIN NAME	WILLOW CREEK
G. RIVER MILE	6.0 TO 23.0

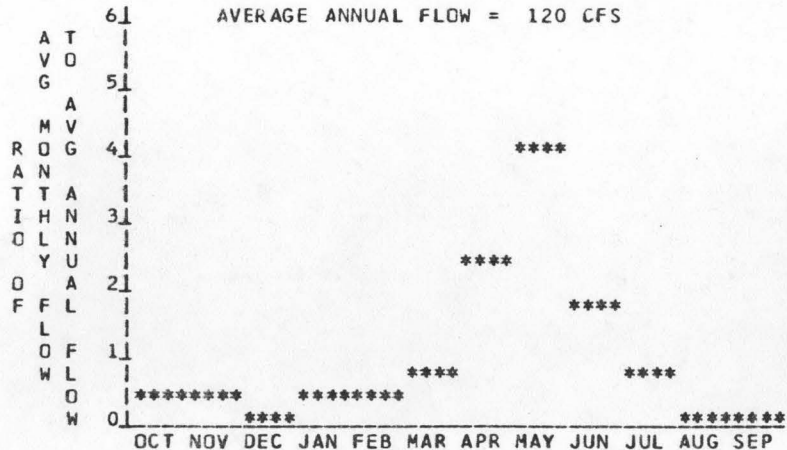
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5000 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4770 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	230 FT.
D. AVERAGE SLOPE IN REACH	13.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	729 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

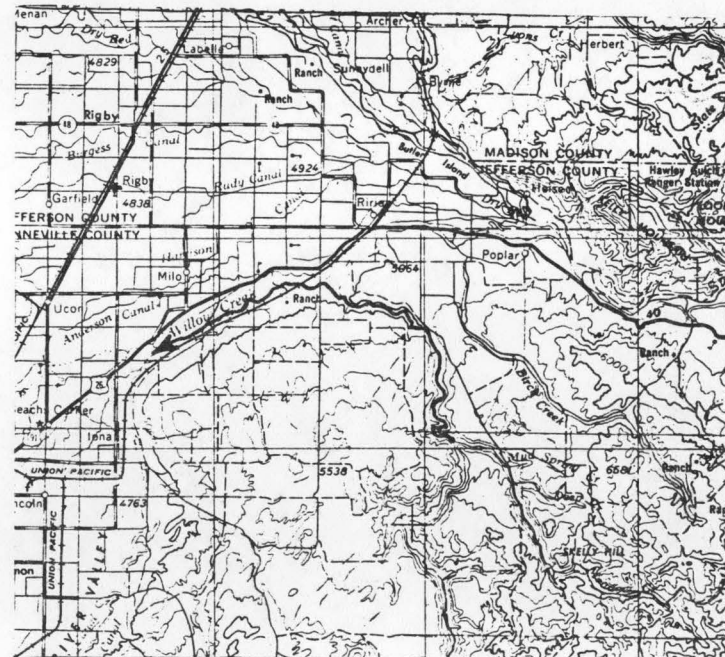
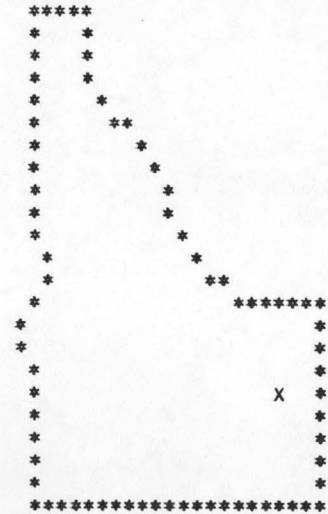
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	11	0.21	1.84	0.98
80	21	0.41	3.33	0.93
50	56	1.09	7.21	0.75
30	99	1.93	10.15	0.60
10	360	7.02	19.06	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403CC00OR0C02

I LOCATION

A. STATE IDAHO
 B. COUNTY MADISON
 C. TOWNSHIP, RANGE T 5N R38E
 D. LATITUDE, LONGITUDE 43 48 111 56
 E. STREAM NAME HENRYS FORK
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 0.0 TO 9.1

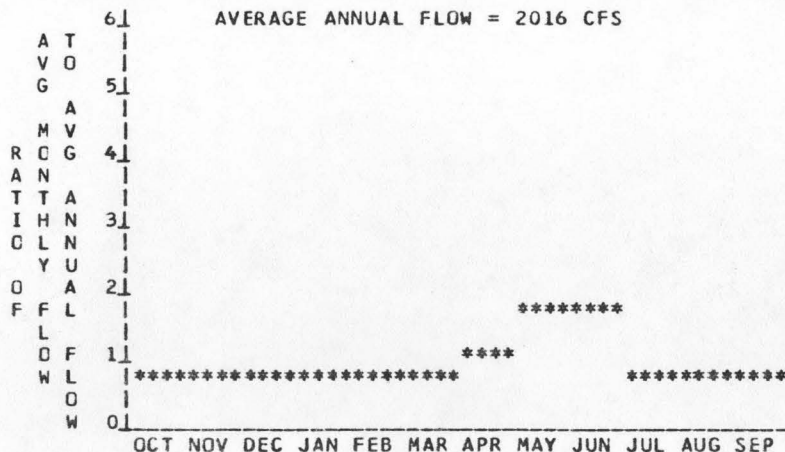
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 4812 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4800 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 12 FT.
 D. AVERAGE SLOPE IN REACH 1.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 3220 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

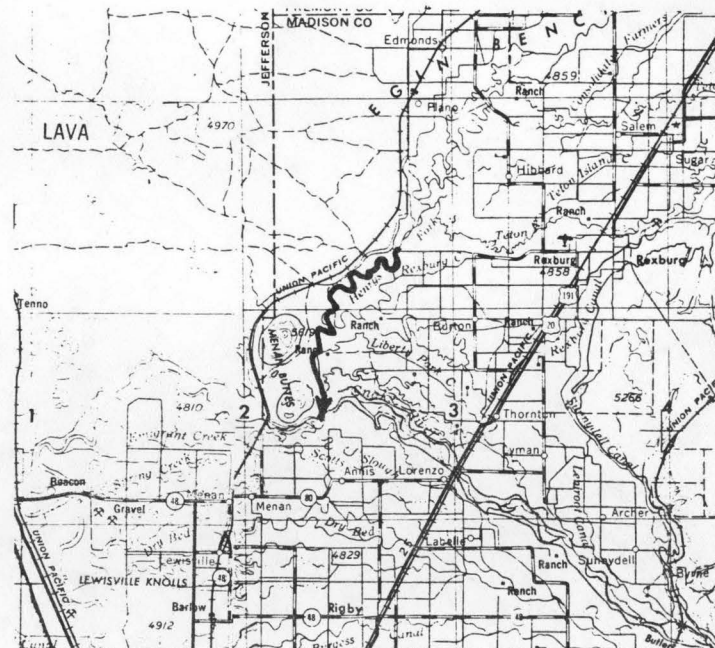
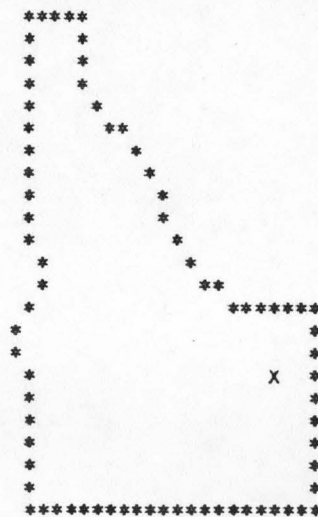
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	871	0.89	7.63	0.98
80	1276	1.30	10.79	0.95
50	1753	1.78	13.55	0.87
30	2130	2.17	14.89	0.78
10	3299	3.35	16.98	0.58

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES 1:250000
 SCALE
 MAP NAME DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024030000R0C04

I LOCATION

A. STATE	IDAHO
B. COUNTY	MADISON, FREMONT
C. TOWNSHIP, RANGE	T 7N R40E
D. LATITUDE, LONGITUDE	43 55 111 49
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	9.1 TO 30.9

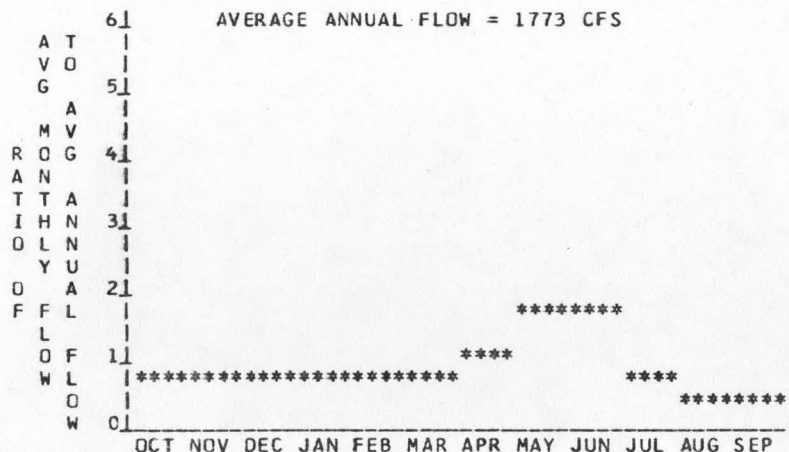
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	4952 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	4812 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	140 FT.
D. AVERAGE SLOPE IN REACH	6.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	3194 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

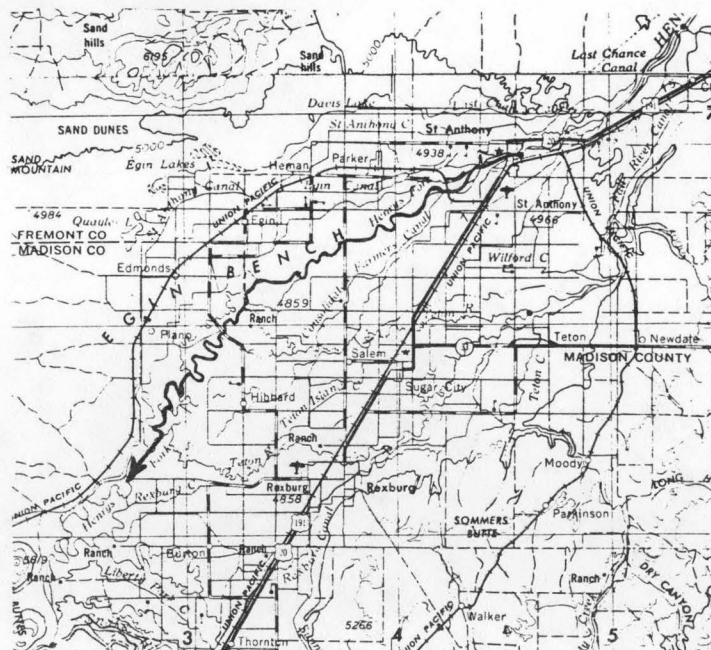
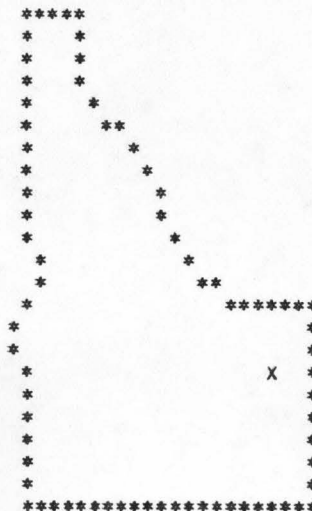
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	776	9.21	79.54	0.99
80	1117	13.25	110.56	0.95
50	1515	17.97	137.44	0.87
30	1837	21.79	150.83	0.79
10	3005	35.65	175.11	0.56

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TUPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240300000R0C06

I LOCATION

A. STATE IDAHO
 B. COUNTY FREMONT
 C. TOWNSHIP, RANGE T 8N R41E
 D. LATITUDE, LONGITUDE 44 0 111 36
 E. STREAM NAME HENRYS FORK
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 30.9 TO 37.3

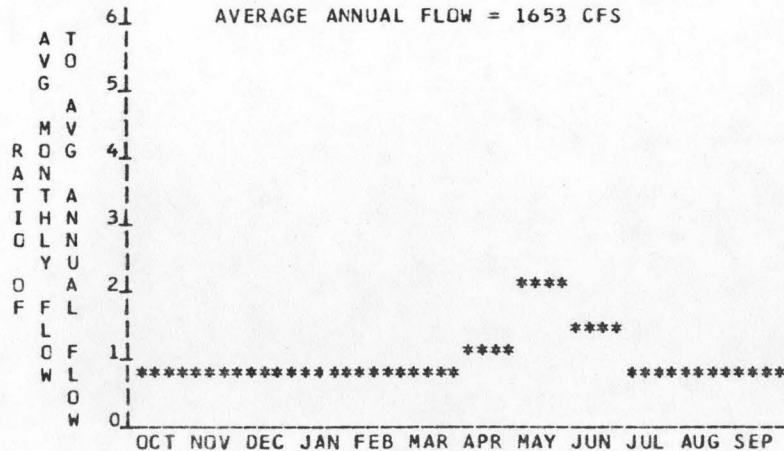
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5043 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4952 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 91 FT.
 D. AVERAGE SLOPE IN REACH 14.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 1909 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

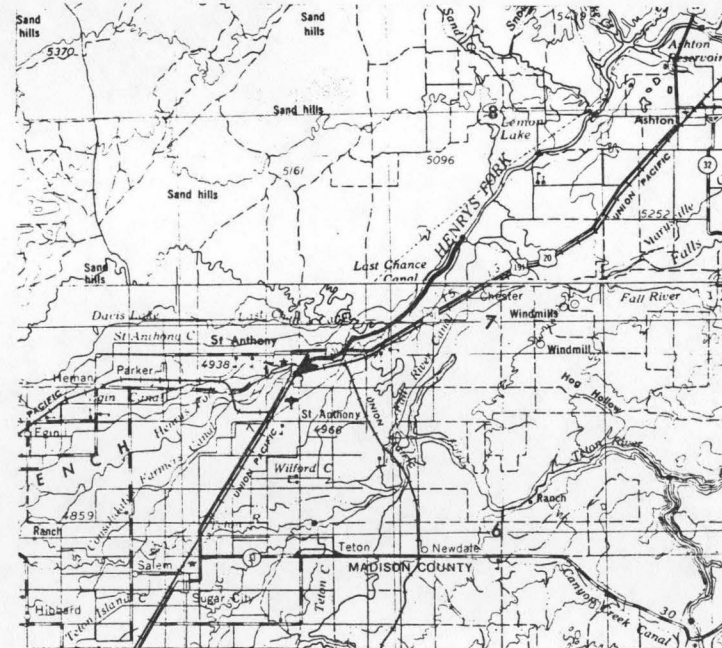
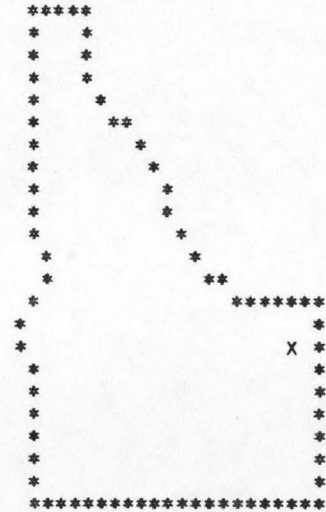
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	835	6.44	55.84	0.99
80	1071	8.26	69.79	0.96
50	1387	10.70	83.67	0.89
30	1677	12.93	91.51	0.81
10	2831	21.83	107.10	0.56

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024030000QR0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 9N R42E
D. LATITUDE, LONGITUDE	44 3 111 32
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	37.3 TO 43.1

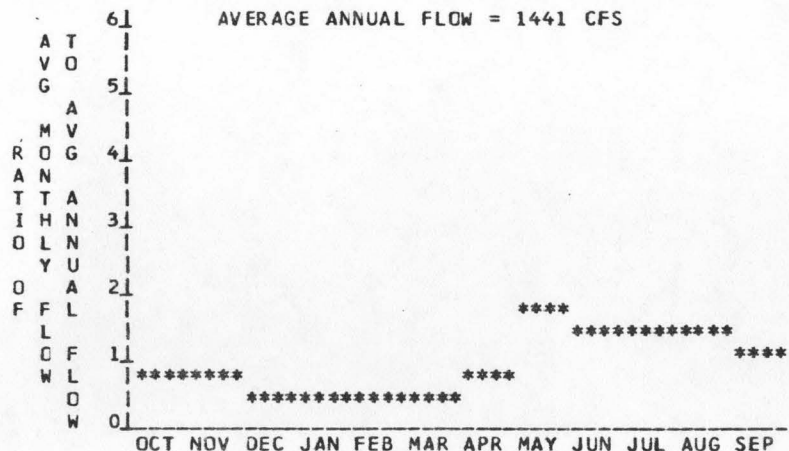
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5105 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5043 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	62 FT.
D. AVERAGE SLOPE IN REACH	10.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1290 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	633	3.33	28.98	0.99
80	865	4.54	38.33	0.96
50	1334	7.01	52.36	0.85
30	1842	9.68	61.71	0.73
10	2372	12.46	66.59	0.61

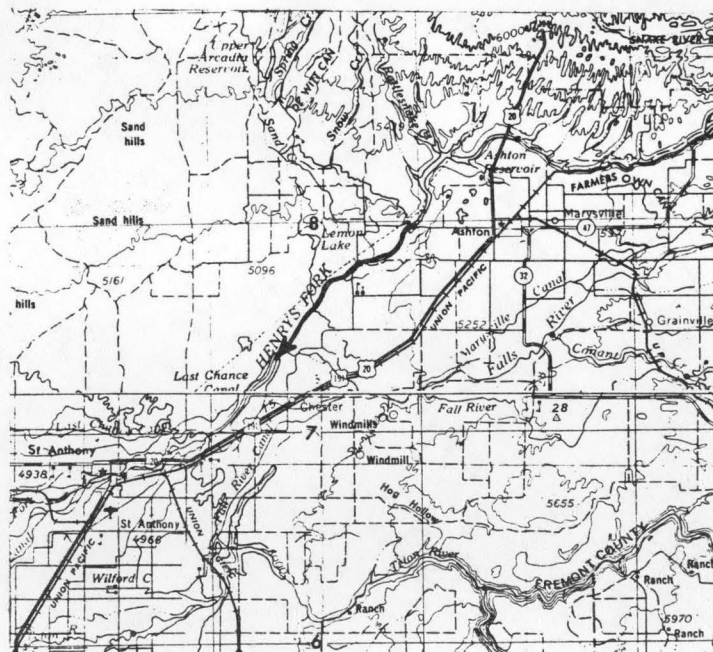
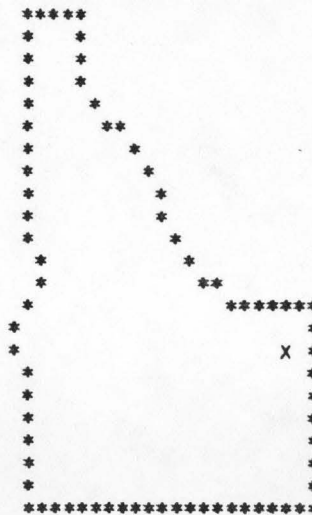
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C0000R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 9N R43E
D. LATITUDE, LONGITUDE	44 6 111 23
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	48.1 TO 54.1

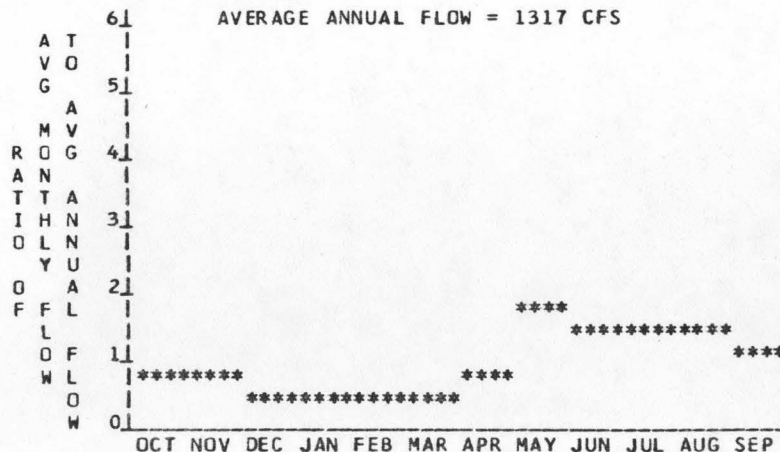
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5260 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5154 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	106 FT.
D. AVERAGE SLOPE IN REACH	17.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	1073 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	540	4.85	42.32	1.00
80	733	6.58	55.61	0.96
50	1199	10.77	79.44	0.84
30	1699	15.26	95.18	0.71
10	2186	19.64	102.84	0.60

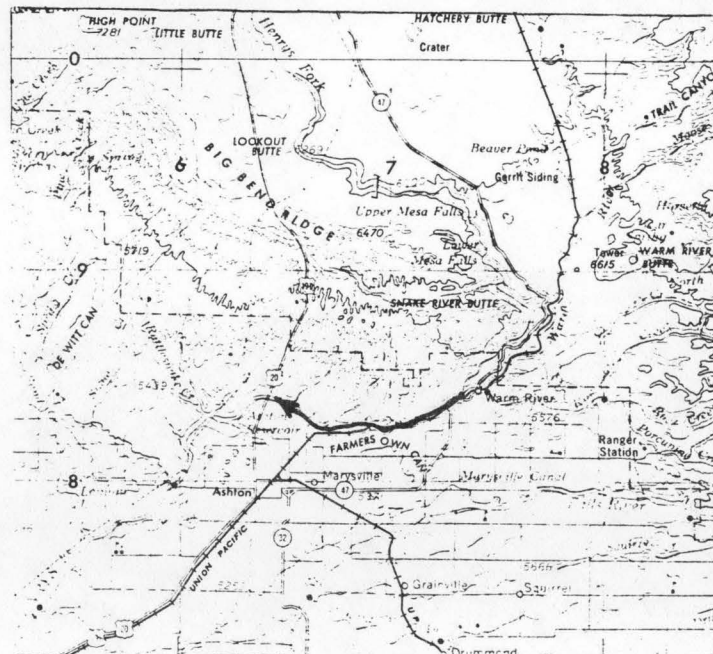
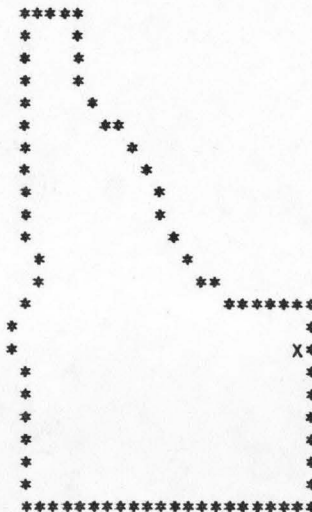
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C000QR0014

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T11N R42E
D. LATITUDE, LONGITUDE	44 16 111 27
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	54.1 TO 87.4

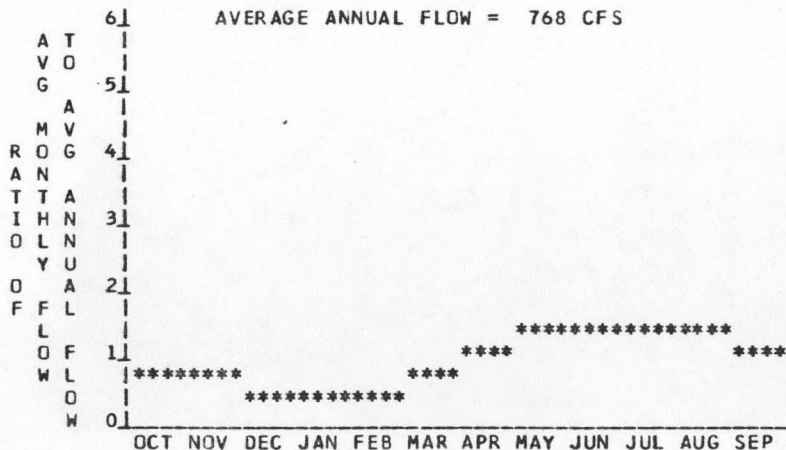
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6234 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5260 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	974 FT.
D. AVERAGE SLOPE IN REACH	29.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	804 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	184	15.19	132.48	1.00
80	368	30.38	248.90	0.94
50	709	58.52	409.17	0.80
30	1026	84.69	500.85	0.68
10	1442	119.03	561.01	0.54

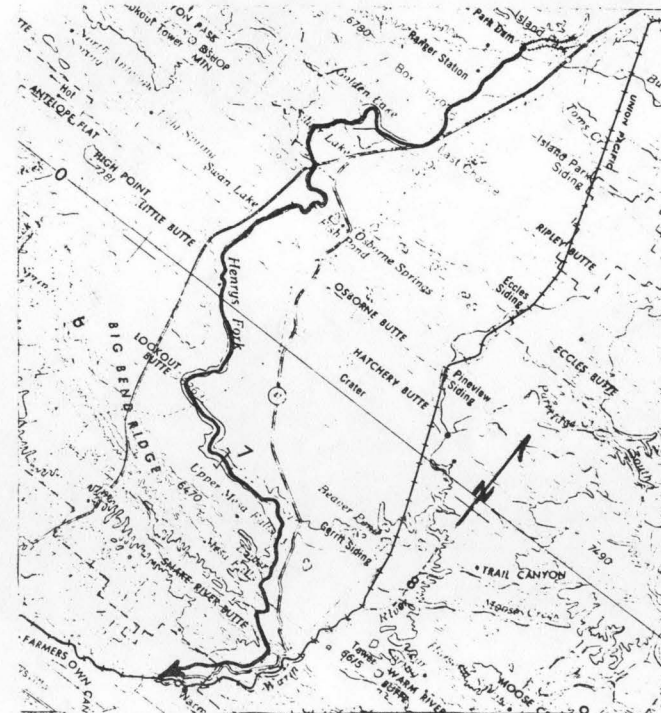
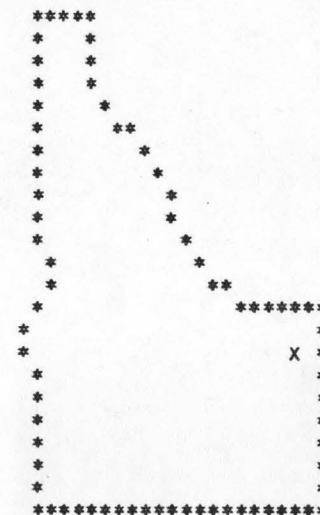
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C02403CC00CROC16

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T14N R43E
D. LATITUDE, LONGITUDE	44 29 111 22
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	93.0 TO 102.2

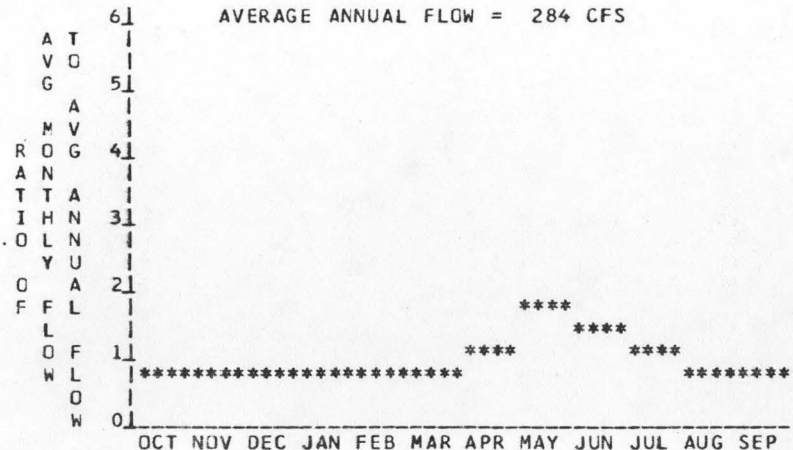
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6385 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6305 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	80 FT.
D. AVERAGE SLOPE IN REACH	8.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	275 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
80	195	1.32	11.28	0.97
50	251	1.70	13.44	0.90
30	302	2.05	14.65	0.82
10	447	3.03	16.38	0.62

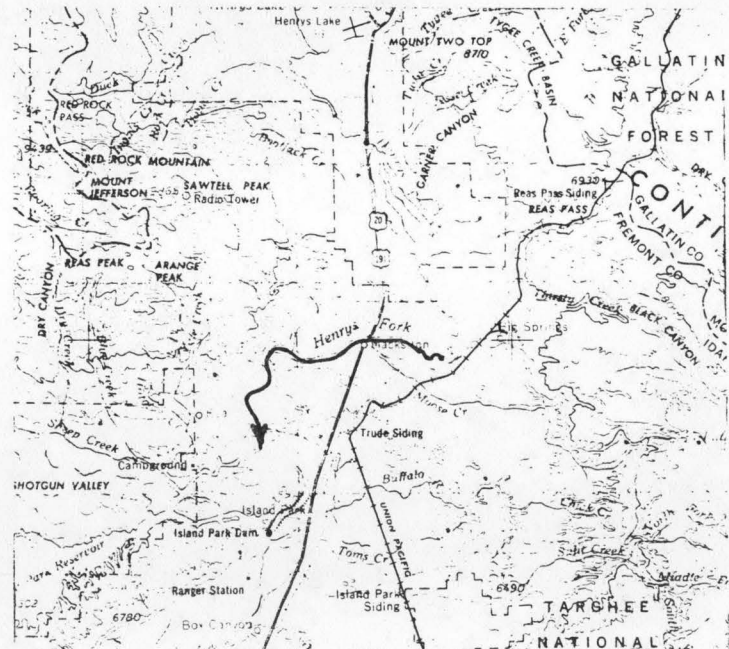
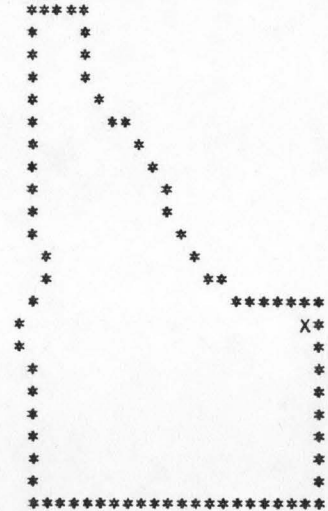
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C000CR0018

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T14N R44E
D. LATITUDE, LONGITUDE	44 32 111 18
E. STREAM NAME	HENRYS FORK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	102.2 TO 110.5

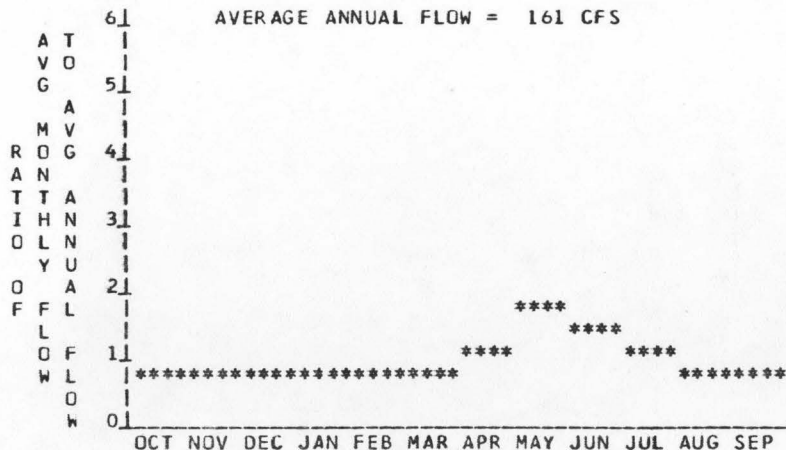
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6468 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6385 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	83 FT.
D. AVERAGE SLOPE IN REACH	10.0 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	224 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	82	0.58	5.01	0.99
80	95	0.67	5.71	0.98
50	133	0.94	7.23	0.88
30	184	1.29	8.49	0.75
10	288	2.03	9.77	0.55

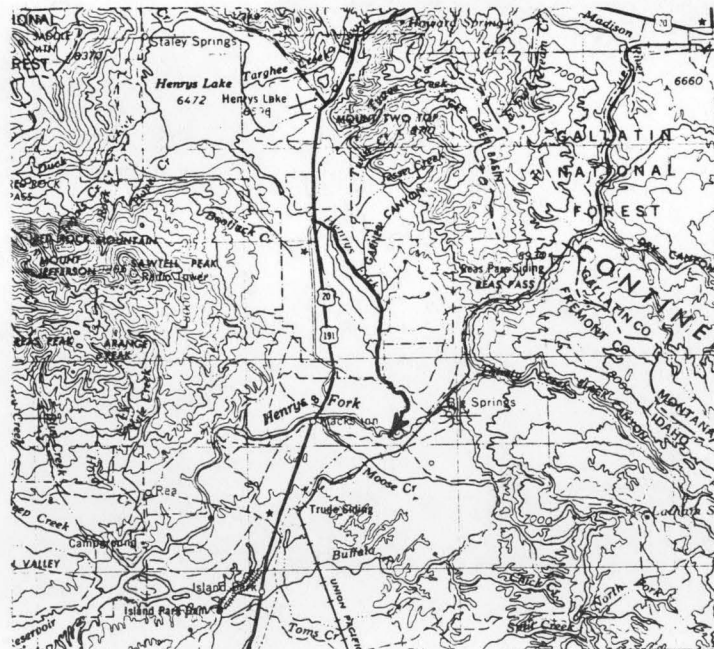
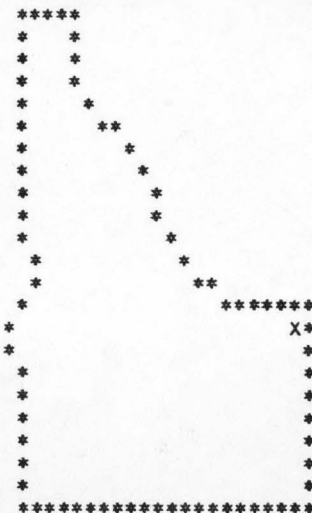
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024030C010R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY FREMONT, MADISON
 C. TOWNSHIP, RANGE T 7N R42E
 D. LATITUDE, LONGITUDE 43 56 111 30
 E. STREAM NAME TETON RIVER
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 0.0 TO 14.6

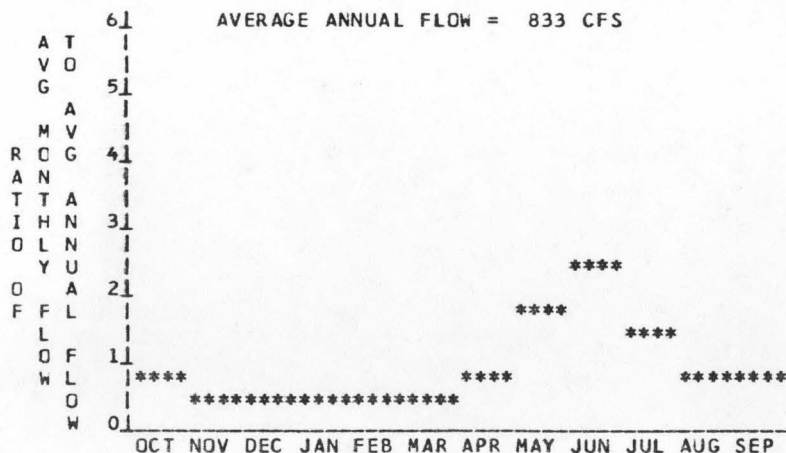
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5082 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 4932 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 150 FT.
 D. AVERAGE SLOPE IN REACH 10.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 873 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

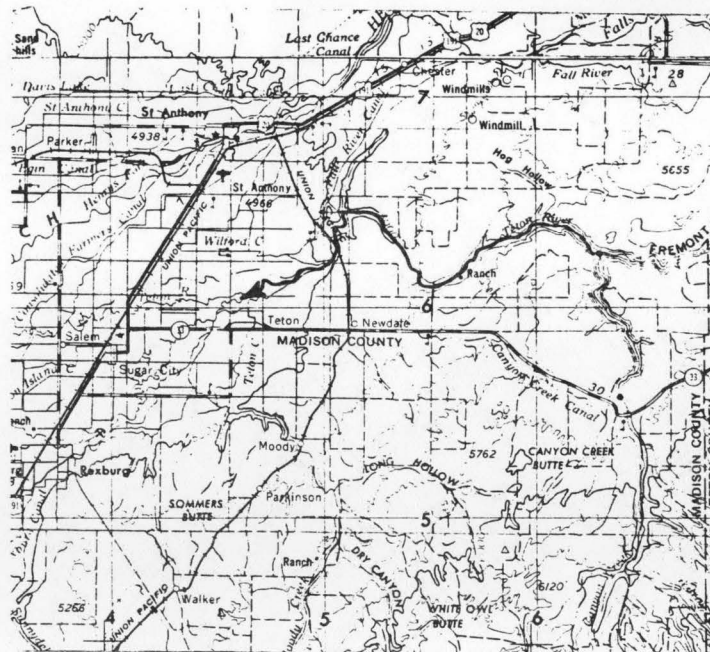
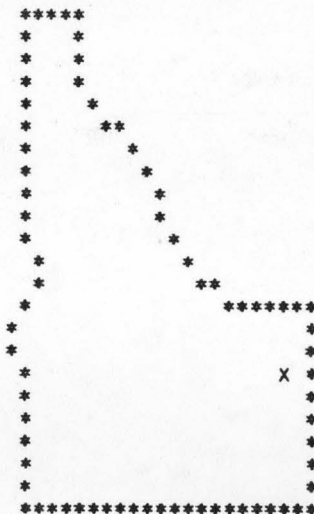
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	335	4.26	37.05	0.99
80	426	5.42	45.91	0.97
50	608	7.73	59.09	0.87
30	852	10.83	69.96	0.74
10	1490	18.94	84.17	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE
 MAP NAME
 DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240300010R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT, MADISON, TETON
C. TOWNSHIP, RANGE	T 7N R43E
D. LATITUDE, LONGITUDE	43 56 111 23
E. STREAM NAME	TETON RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	14.6 TO 26.2

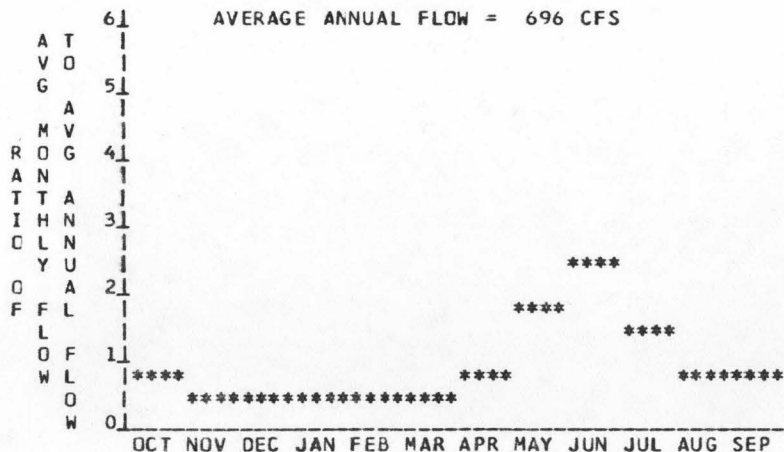
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5295 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5082 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	213 FT.
D. AVERAGE SLOPE IN REACH	18.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	713 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	280	5.05	43.97	0.99
80	356	6.43	54.49	0.97
50	509	9.19	70.21	0.87
30	712	12.85	83.05	0.74
10	1246	22.49	99.94	0.51

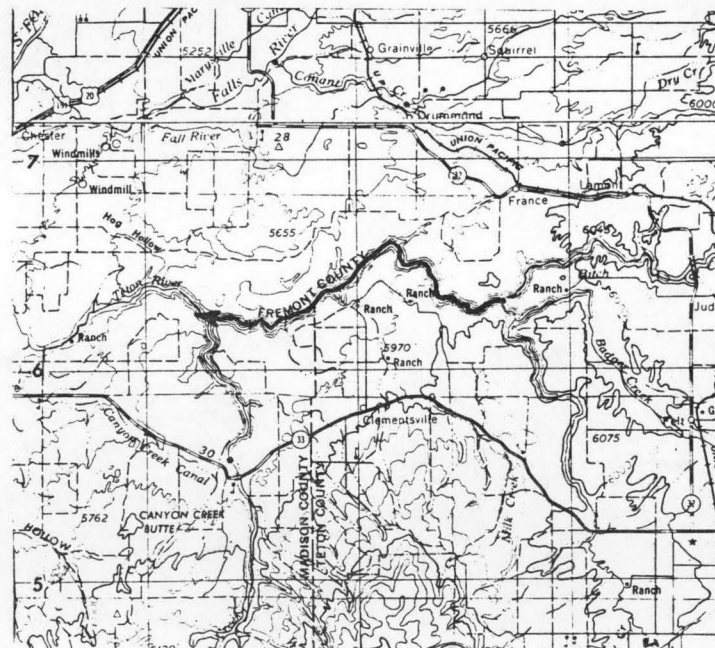
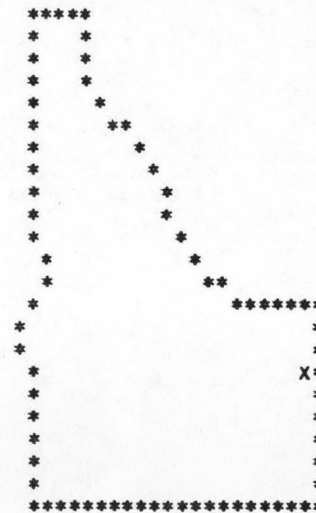
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C0010R0008

I LOCATION

A. STATE	IDAHO
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T 5N R45E
D. LATITUDE, LONGITUDE	43 44 111 12
E. STREAM NAME	TETON RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	40.9 TO 48.4

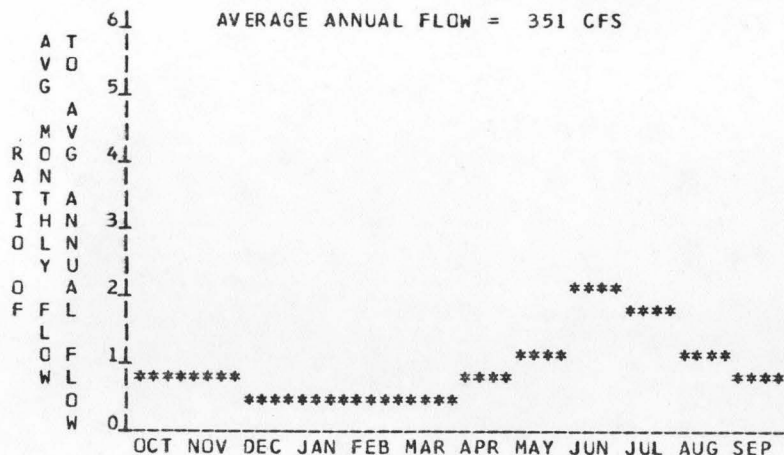
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5990 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5955 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	35 FT.
D. AVERAGE SLOPE IN REACH	4.7 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	392 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

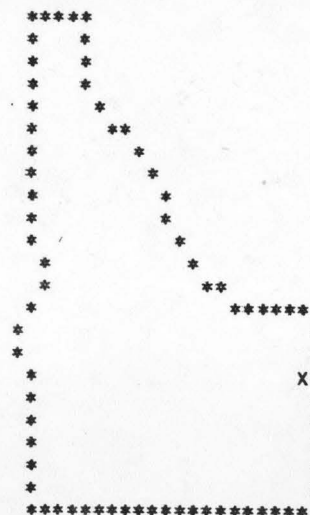
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	141	0.42	3.64	0.99
80	180	0.53	4.53	0.97
50	257	0.76	5.83	0.87
30	360	1.07	6.90	0.74
10	629	1.87	8.29	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C001CR0018

I LOCATION

A. STATE	IDAHO
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T 4N R45E
D. LATITUDE, LONGITUDE	43 38 111 10
E. STREAM NAME	TETON RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	48.4 TO 52.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS

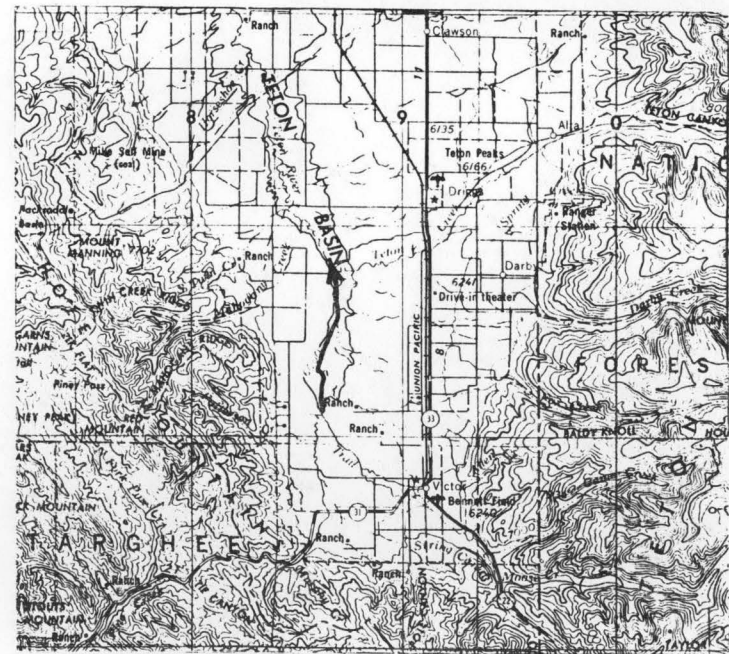
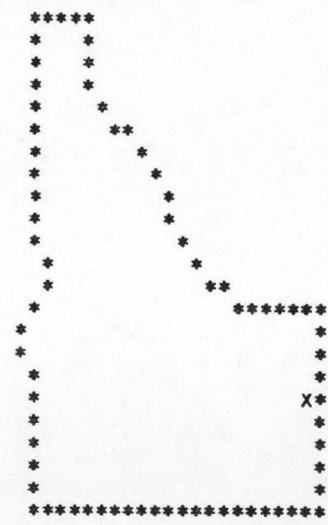
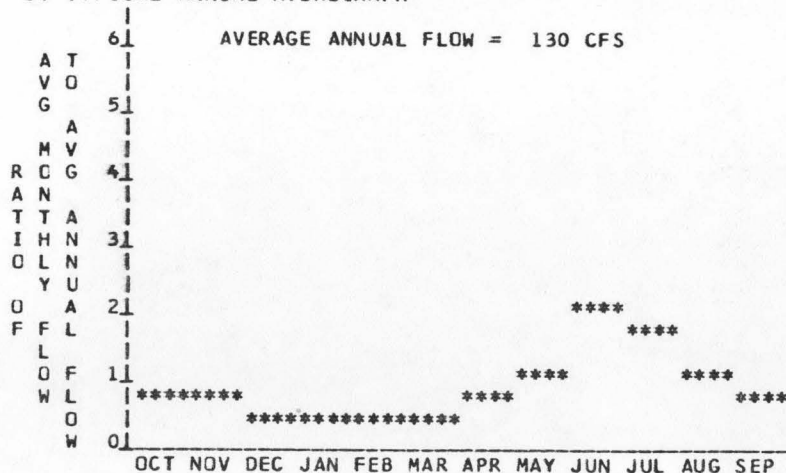
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6008 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5990 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	18 FT.
D. AVERAGE SLOPE IN REACH	4.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	251 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	52	0.37	3.22	0.99
80	67	0.48	4.04	0.97
50	95	0.68	5.17	0.87
30	133	0.95	6.12	0.74
10	233	1.66	7.37	0.51

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C0010R0C10

I LOCATION

A. STATE	IDAHO
B. COUNTY	MADISON
C. TOWNSHIP, RANGE	T 6N R42E
D. LATITUDE, LONGITUDE	43 53 111 27
E. STREAM NAME	CANYON CREEK
F. MAJOR BASIN NAME	HENRY'S FORK
G. RIVER MILE	0.0 TO 5.3

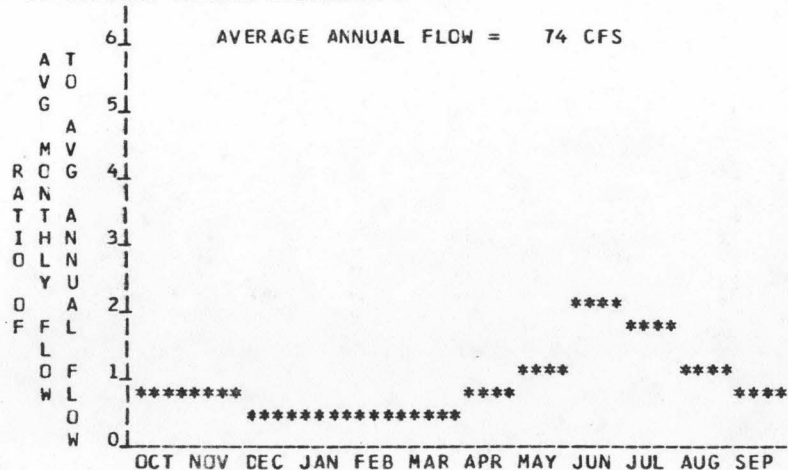
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5530 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5082 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	448 FT.
D. AVERAGE SLOPE IN REACH	84.5 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	116 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

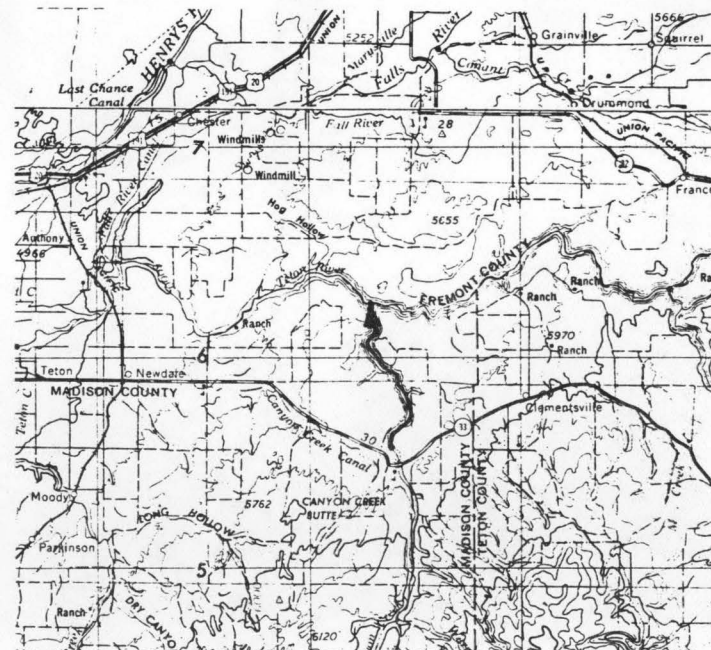
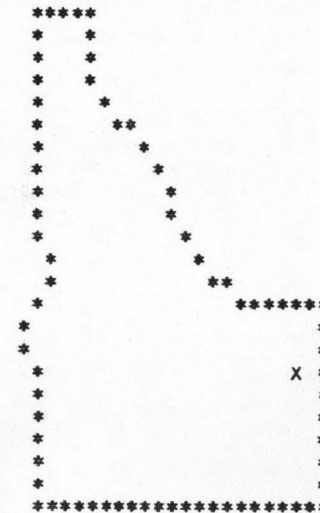
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	30	1.31	11.37	0.99
80	38	1.66	14.04	0.97
50	54	2.35	18.01	0.87
30	76	3.31	21.37	0.74
10	133	5.79	25.72	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C0010R0C12

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT, TETON
C. TOWNSHIP, RANGE	T 7N R45E
D. LATITUDE, LONGITUDE	43 58 111 8
E. STREAM NAME	BITCH CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 15.3

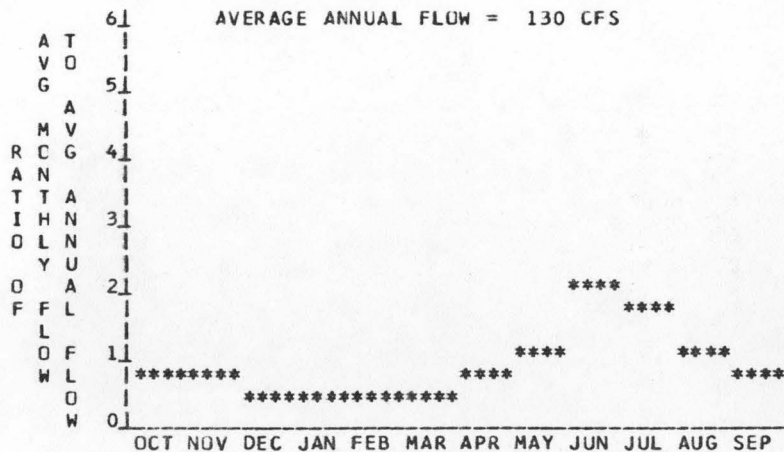
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6318 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5295 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	1023 FT.
D. AVERAGE SLOPE IN REACH	66.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	121 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

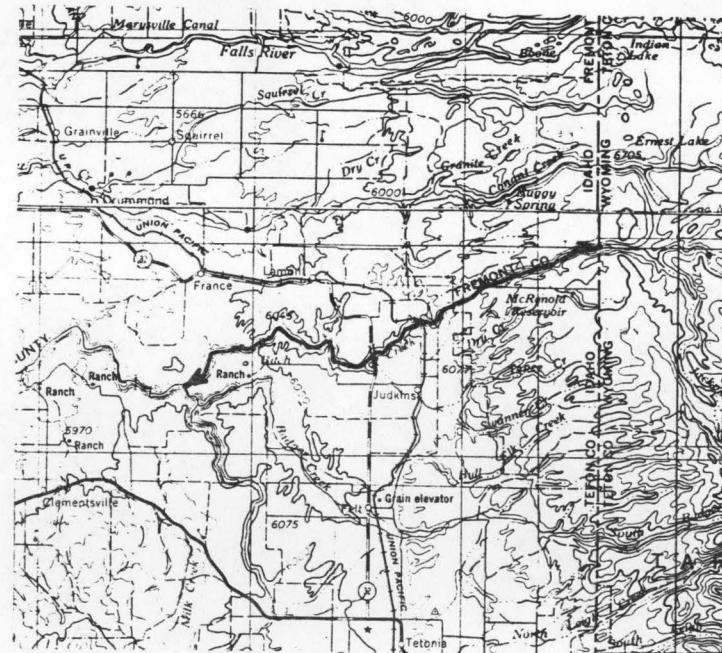
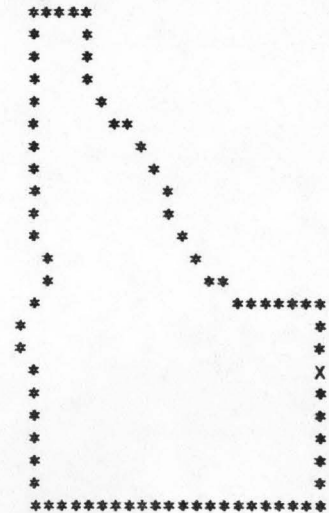
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	52	4.51	39.23	0.99
80	67	5.81	49.19	0.97
50	95	8.24	63.02	0.87
30	133	11.53	74.56	0.74
10	233	20.20	89.75	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403CC01CROC14

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T46N R118W
D. LATITUDE, LONGITUDE	43 59 111 1
E. STREAM NAME	BITCH CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	15.3 TO 19.0

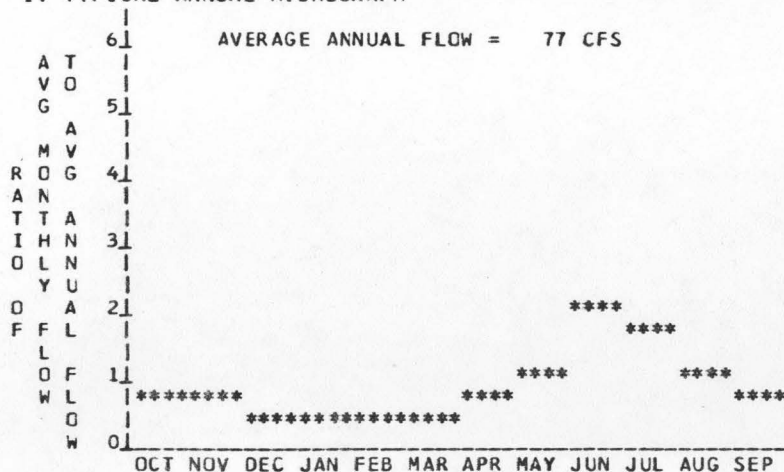
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6595 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6318 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	277 FT.
D. AVERAGE SLOPE IN REACH	74.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	61 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

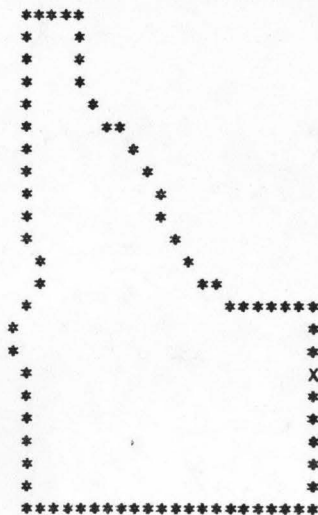
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	0.90	7.84	0.99
80	40	1.16	9.85	0.97
50	57	1.66	12.66	0.87
30	79	2.30	14.90	0.74
10	138	4.01	17.91	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPG SERIES
1:250000
SCALE
MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024030C020R0002

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 8N R42E
D. LATITUDE, LONGITUDE	44 3 111 22
E. STREAM NAME	FALLS RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 19.4

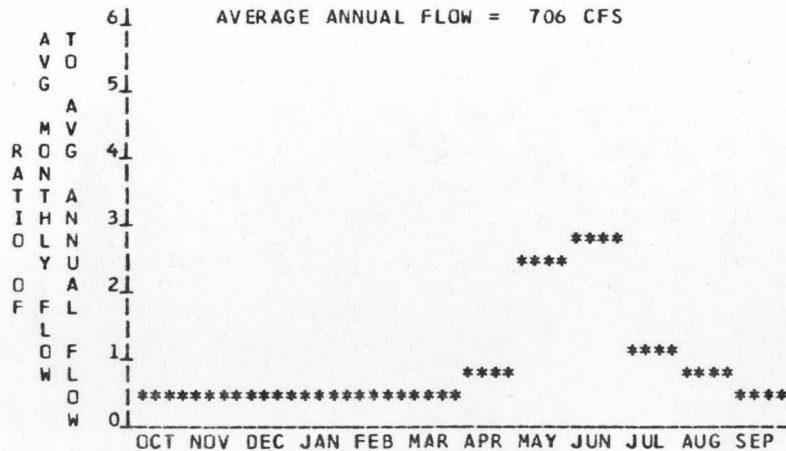
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5570 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5043 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	527 FT.
D. AVERAGE SLOPE IN REACH	27.2 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	531 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

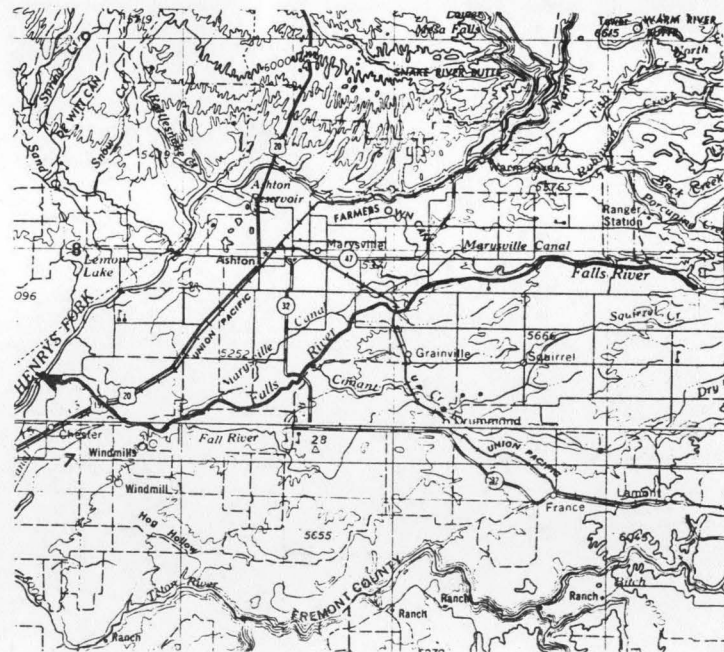
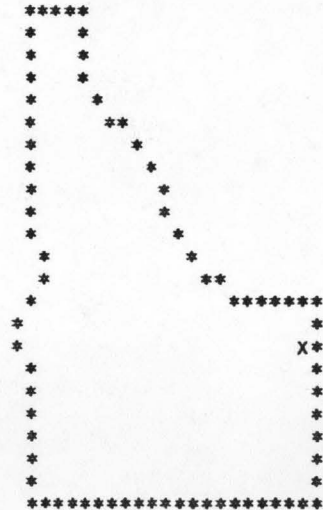
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	188	8.40	72.84	0.99
80	324	14.47	119.39	0.94
50	478	21.35	158.56	0.85
30	614	27.42	179.84	0.75
10	1734	77.44	267.47	0.39

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240300020R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 9N R45E
D. LATITUDE, LONGITUDE	44 4 111 12
E. STREAM NAME	FALLS RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	19.4 TO 26.2

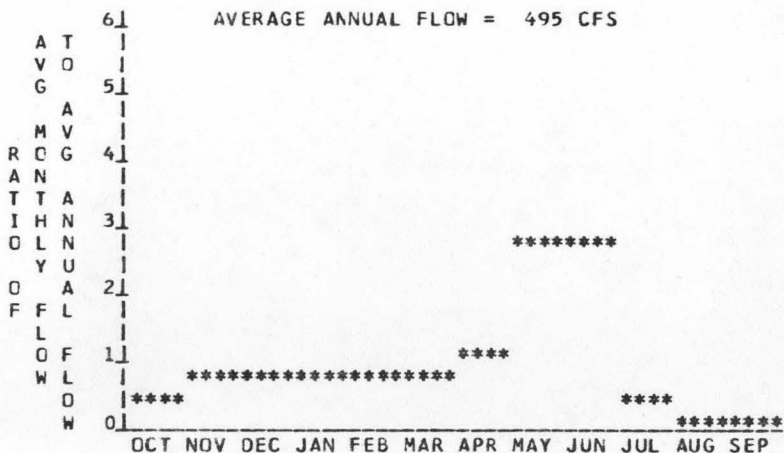
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5780 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5570 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	210 FT.
D. AVERAGE SLOPE IN REACH	30.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	334 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

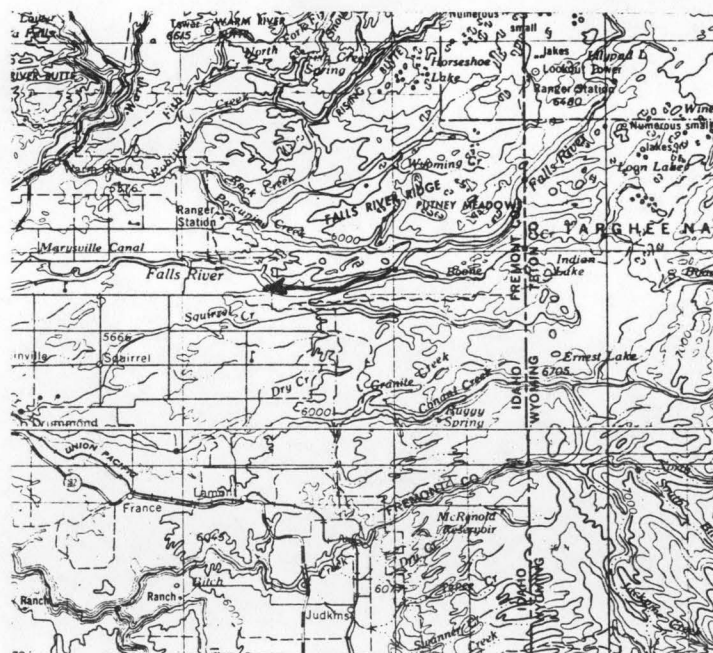
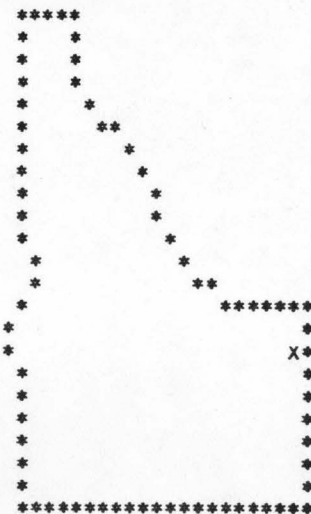
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	181	3.22	28.00	0.99
80	234	4.16	35.23	0.97
50	325	5.78	44.45	0.88
30	398	7.08	49.01	0.79
10	1084	19.29	70.40	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240300020R00C6

I LOCATION

A. STATE IDAHO
 B. COUNTY FREMONT
 C. TOWNSHIP, RANGE T 9N R45E
 D. LATITUDE, LONGITUDE 44 5 111 5
 E. STREAM NAME FALLS RIVER
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 26.2 TO 31.5

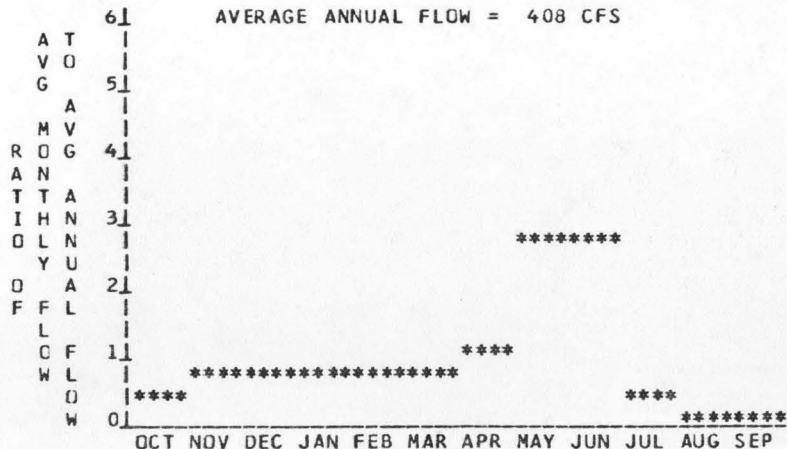
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6015 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5780 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 235 FT.
 D. AVERAGE SLOPE IN REACH 44.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 270 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	149	2.97	25.80	0.99
80	194	3.86	32.67	0.97
50	268	5.34	41.06	0.88
30	328	6.53	45.25	0.79
10	894	17.80	64.99	0.42

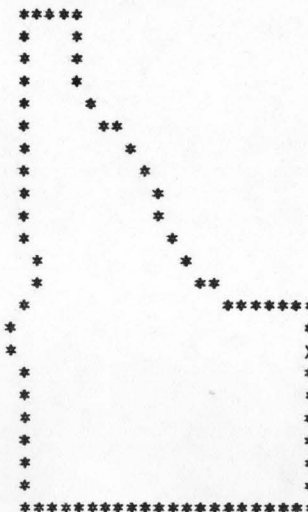
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
 1:250000
 SCALE

MAP NAME
 ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240300020R0C08

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T48N R118W
D. LATITUDE, LONGITUDE	44 8 111 1
E. STREAM NAME	FALLS RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	31.5 TO 35.7

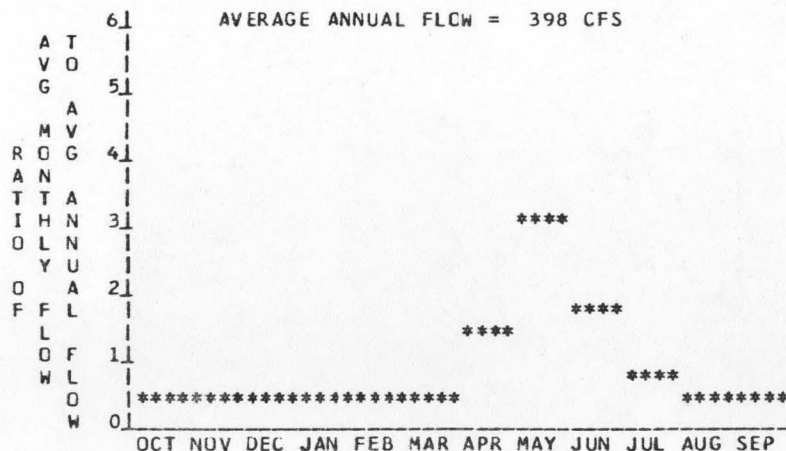
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6285 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6015 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	270 FT.
D. AVERAGE SLOPE IN REACH	64.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	262 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	146	3.34	29.04	0.99
80	189	4.32	36.59	0.97
50	262	5.99	46.10	0.88
30	320	7.32	50.75	0.79
10	873	19.98	72.92	0.42

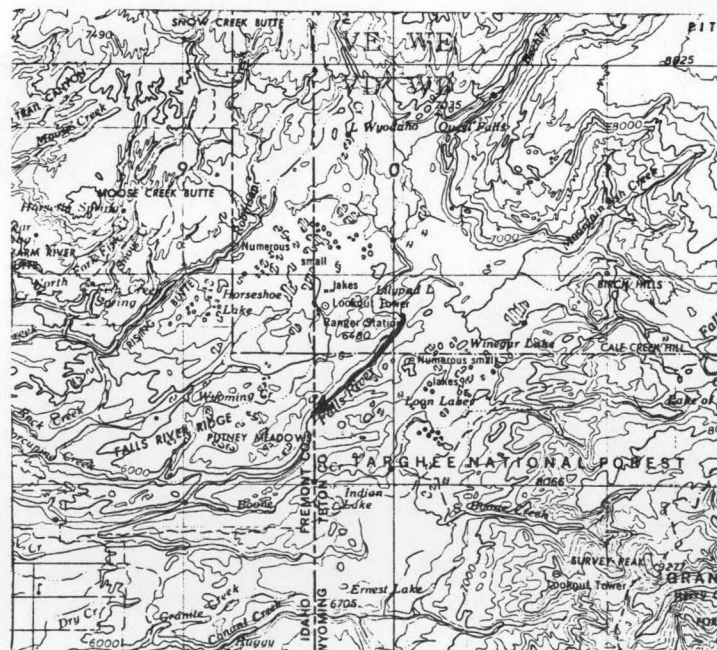
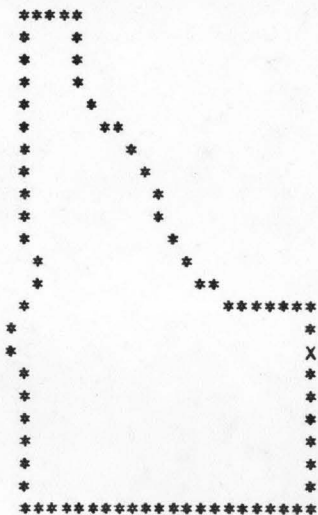
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403C0020R0020

I LOCATION

A. STATE	WYOMING
B. COUNTY	PARK
C. TOWNSHIP, RANGE	T48N R118W
D. LATITUDE, LONGITUDE	44 10 110 58
E. STREAM NAME	FALLS RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	35.7 TO 42.8

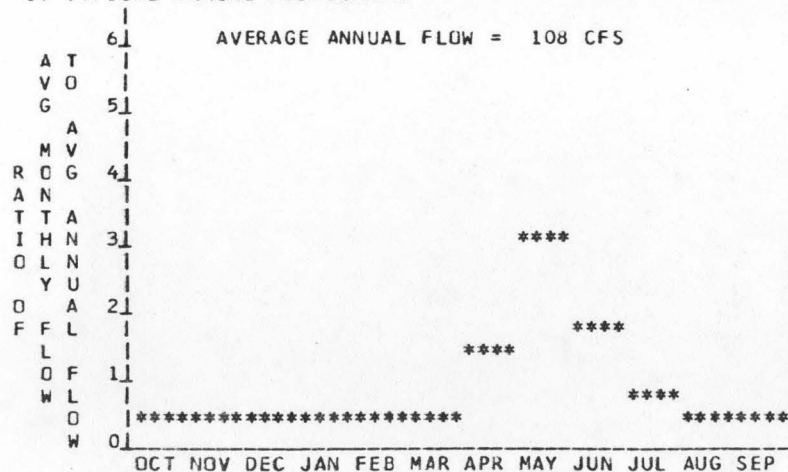
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6460 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6285 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	175 FT.
D. AVERAGE SLOPE IN REACH	24.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	102 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

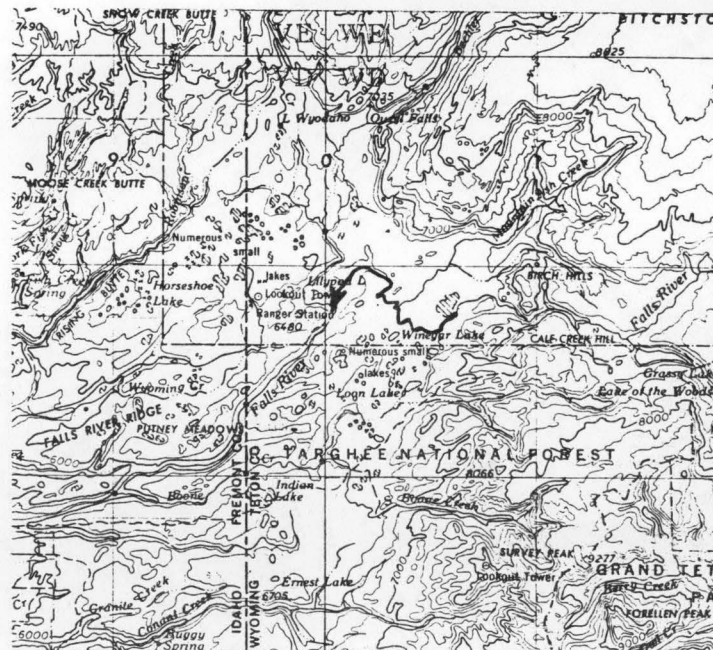
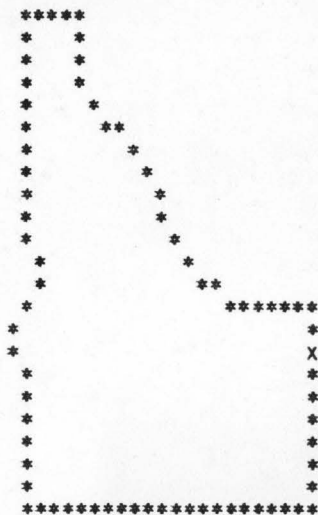
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	0.80	6.93	0.99
80	51	1.04	8.81	0.97
50	71	1.45	11.13	0.88
30	87	1.78	12.28	0.79
10	237	4.84	17.65	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

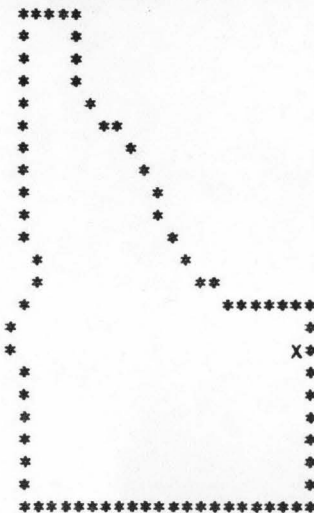
REACH NUMBER 035002403C0020R0012

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 8N R43E
D. LATITUDE, LONGITUDE	44 1 111 23
E. STREAM NAME	CONANT CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 4.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



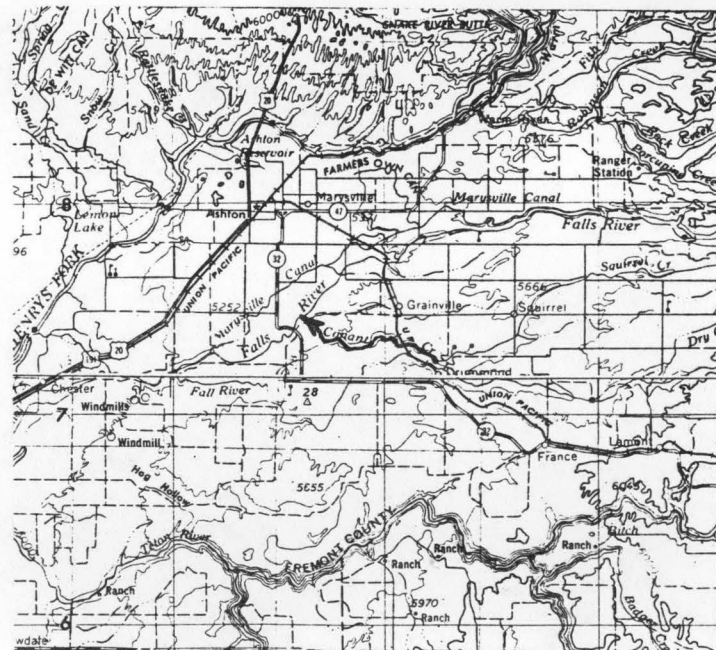
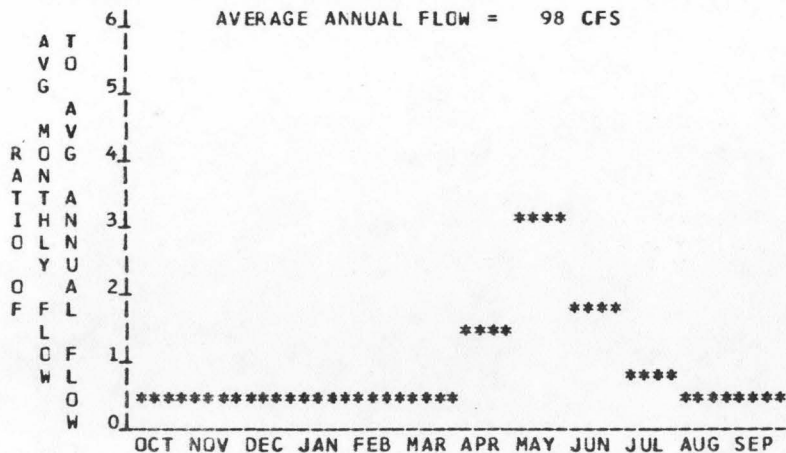
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5407 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5235 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	172 FT.
D. AVERAGE SLOPE IN REACH	35.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	111 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	36	0.52	4.56	0.99
80	47	0.69	5.79	0.96
50	65	0.95	7.28	0.88
30	79	1.15	8.00	0.79
10	216	3.15	11.50	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002403C0020R0C14

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 8N R44E
D. LATITUDE, LONGITUDE	44 0 111 18
E. STREAM NAME	CONANT CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	4.9 TO 9.8

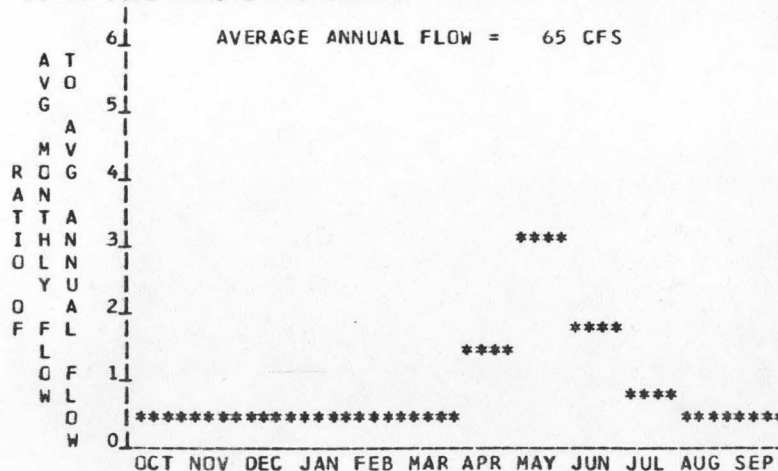
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5600 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5407 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	193 FT.
D. AVERAGE SLOPE IN REACH	39.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	75 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.53	4.58	0.99
80	31	0.68	5.76	0.97
50	43	0.94	7.26	0.88
30	52	1.14	7.95	0.80
10	143	3.14	11.45	0.42

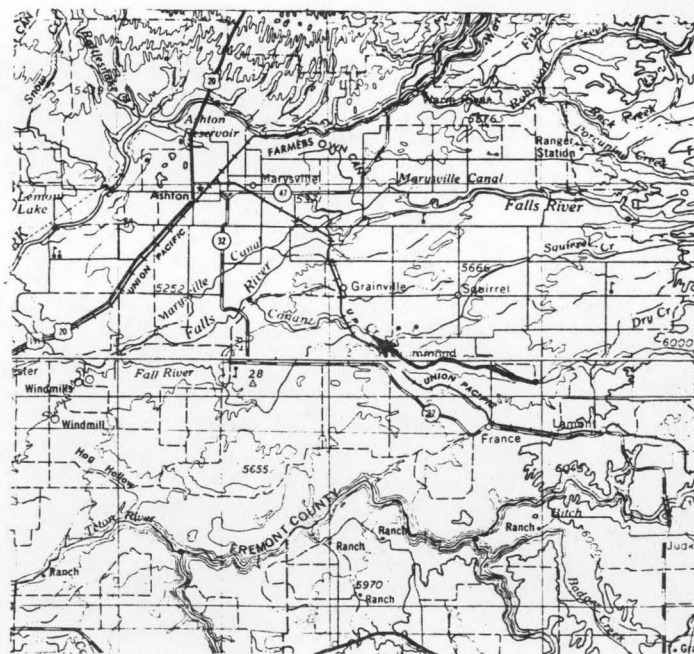
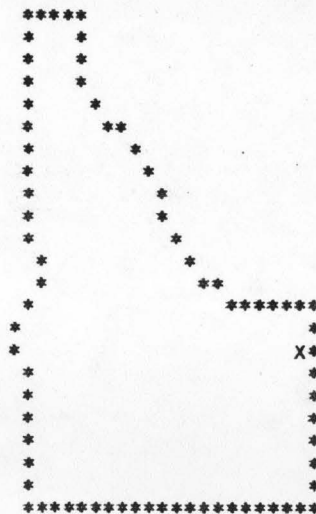
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

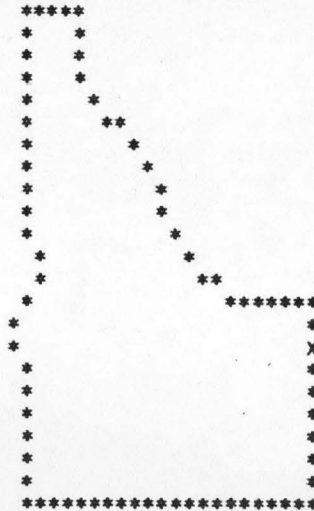
REACH NUMBER 03500240300020R0016

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 9N R45E
D. LATITUDE, LONGITUDE	44 4 111 5
E. STREAM NAME	BOONE CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 4.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



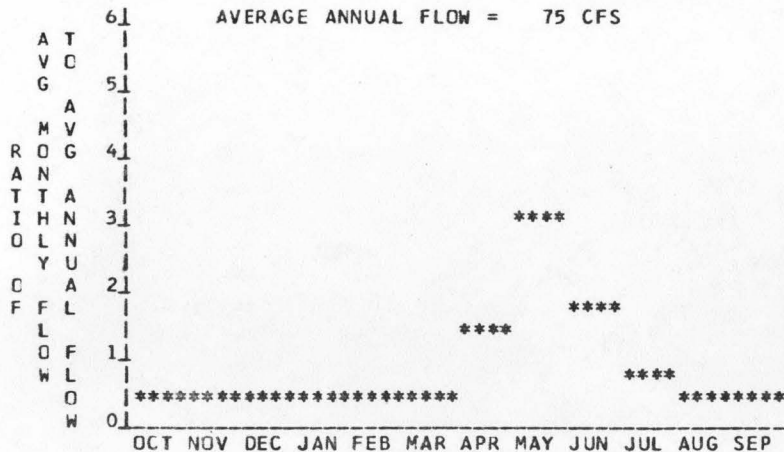
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6252 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5780 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	472 FT.
D. AVERAGE SLOPE IN REACH	112.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	53 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	1.12	9.73	0.99
80	36	1.44	12.19	0.97
50	50	2.00	15.37	0.88
30	61	2.44	16.92	0.79
10	166	6.64	24.27	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403C0020R0018

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T48N R118W
 D. LATITUDE, LONGITUDE 44 5 111 2
 E. STREAM NAME BOONE CREEK
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 4.2 TO 6.9

LOCATION MAPS

U.S. TOPO SERIES
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 SCALE
 MAP NAME
 ASHTON

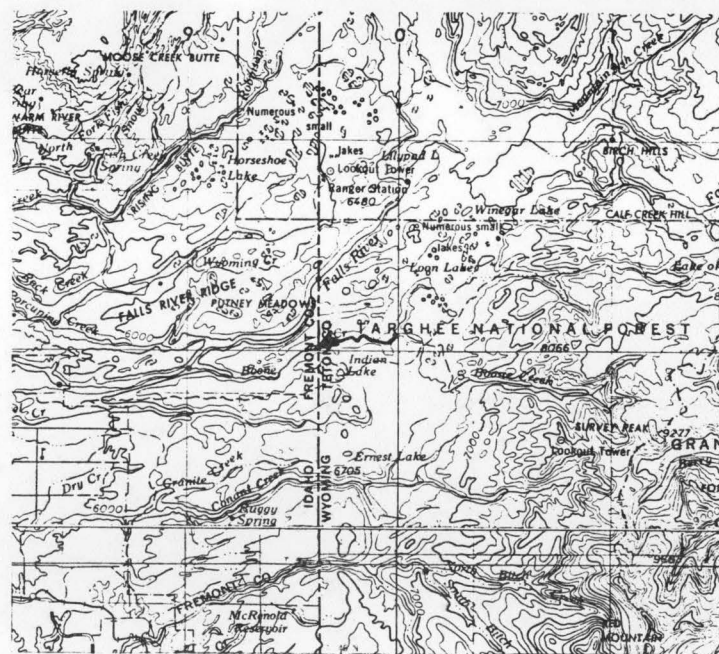
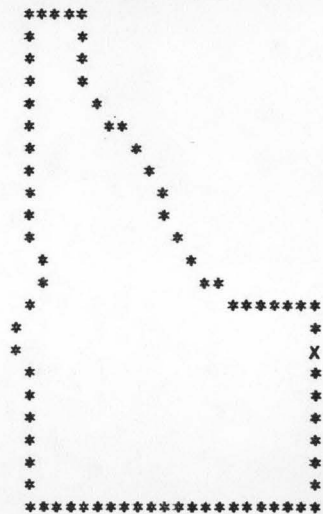
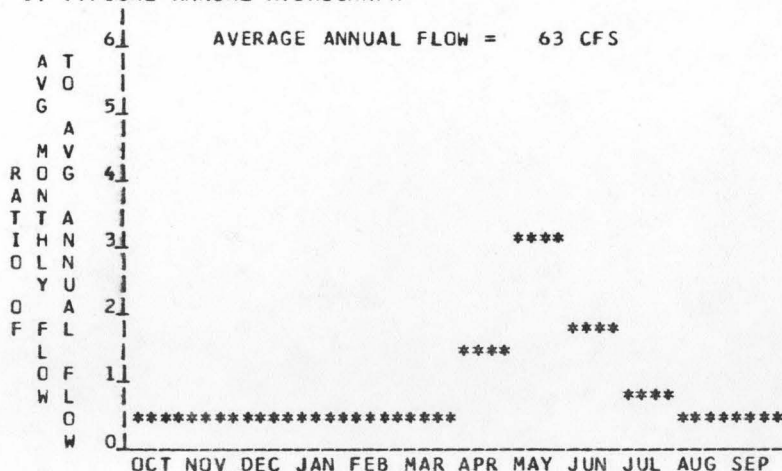
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6380 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6252 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 128 FT.
 D. AVERAGE SLOPE IN REACH 47.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 48 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.38	3.29	0.99
80	30	0.49	4.17	0.96
50	42	0.69	5.29	0.87
30	51	0.84	5.81	0.79
10	140	2.30	8.37	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403CC020R0010

I LOCATION

A. STATE	WYOMING
B. COUNTY	PARK
C. TOWNSHIP, RANGE	T48N R118W
D. LATITUDE, LONGITUDE	44 9 111 0
E. STREAM NAME	BECHLER RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 3.9

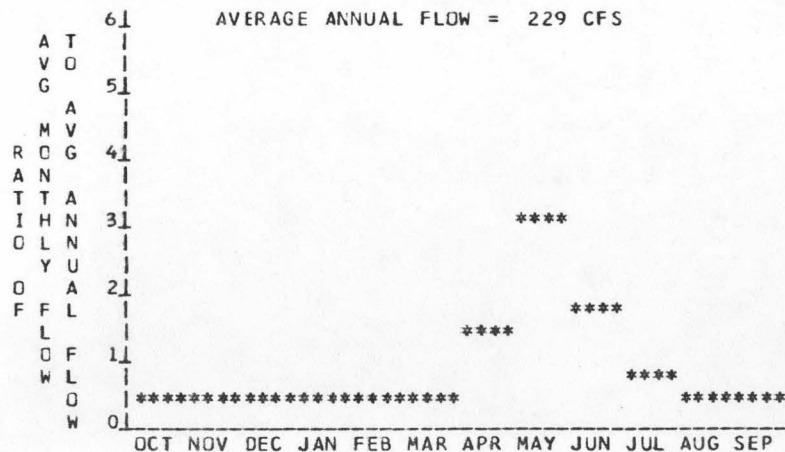
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6380 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6285 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	95 FT.
D. AVERAGE SLOPE IN REACH	24.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	152 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

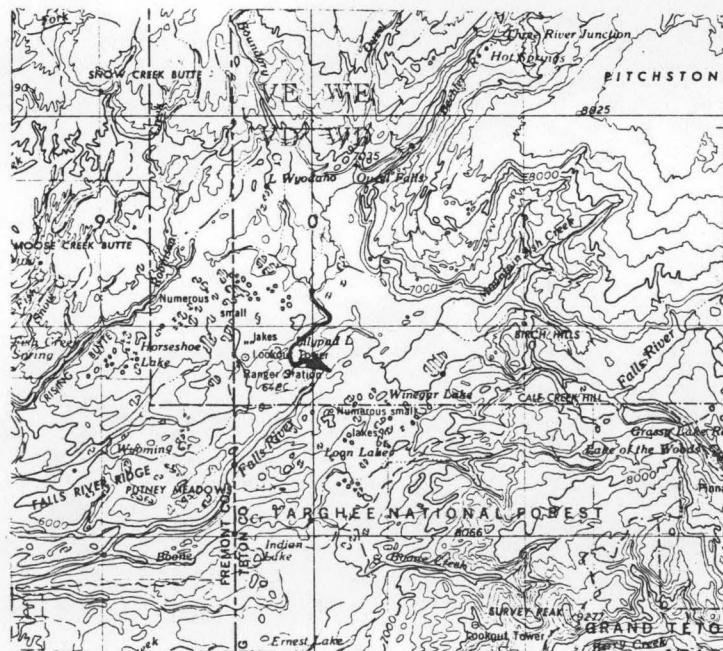
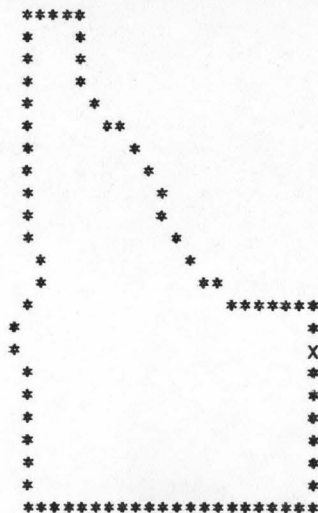
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	84	0.68	5.88	0.99
80	109	0.88	7.42	0.97
50	151	1.22	9.35	0.88
30	185	1.49	10.31	0.79
10	504	4.06	14.81	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403C0020R0024

I LOCATION

A. STATE	WYOMING
B. COUNTY	PARK
C. TOWNSHIP, RANGE	T49N R118W
D. LATITUDE, LONGITUDE	44 12 110 59
E. STREAM NAME	BECHLER RIVER
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	3.9 TO 10.4

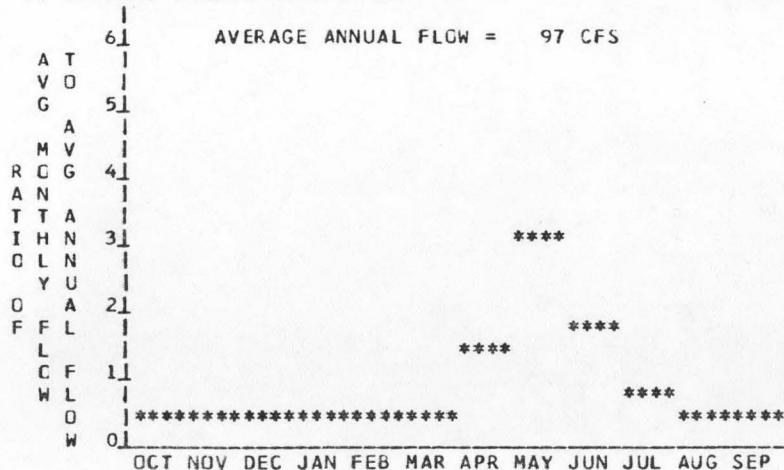
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6720 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6380 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	340 FT.
D. AVERAGE SLOPE IN REACH	52.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	88 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

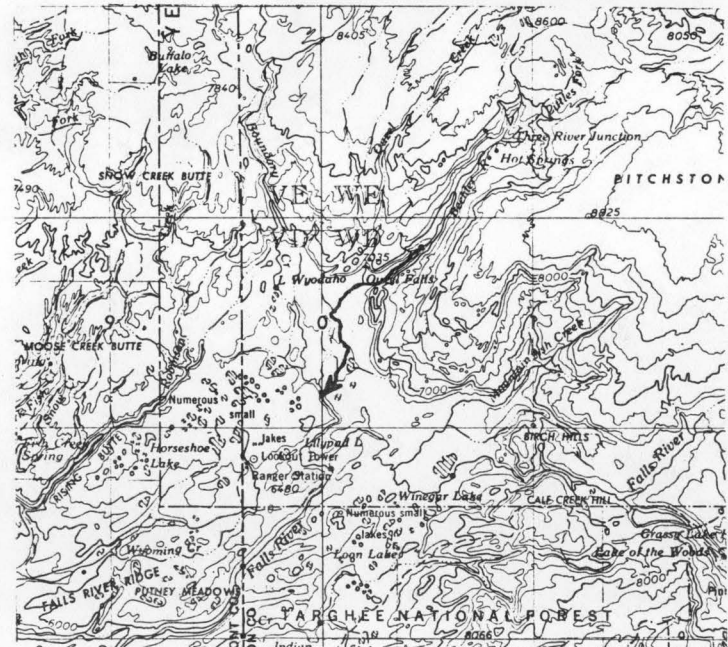
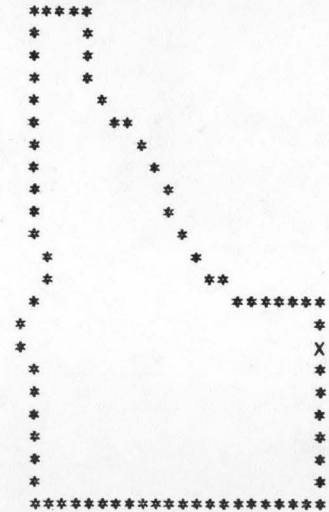
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	36	1.24	10.77	0.99
80	47	1.62	13.67	0.96
50	64	2.20	17.00	0.88
30	79	2.72	18.81	0.79
10	214	7.36	26.95	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240300020R0022

I LOCATION

A. STATE	WYOMING
B. COUNTY	PARK
C. TOWNSHIP, RANGE	T49N R118W
D. LATITUDE, LONGITUDE	44 12 111 1
E. STREAM NAME	BOUNDARY CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 4.1

LOCATION MAPS

U.S. TOPO SERIES
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SCALE
MAP NAME
ASHTON

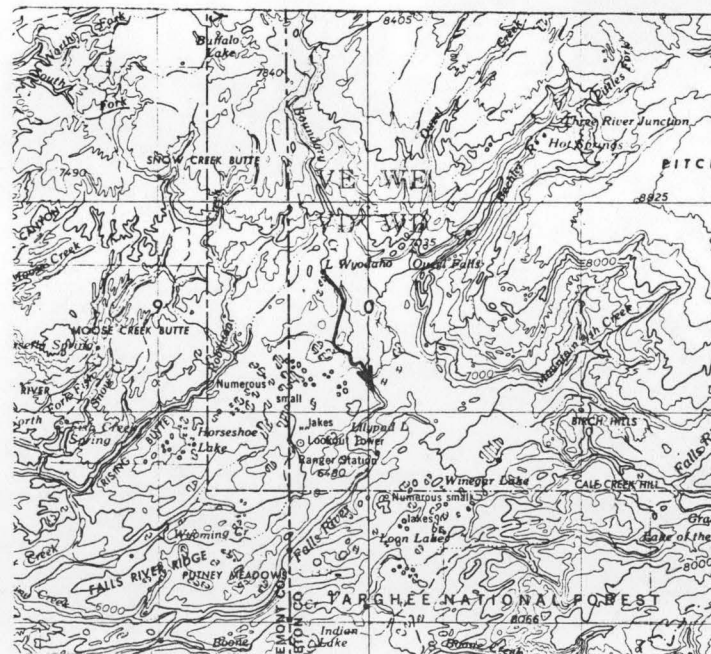
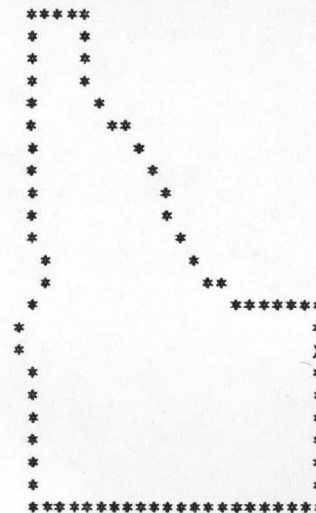
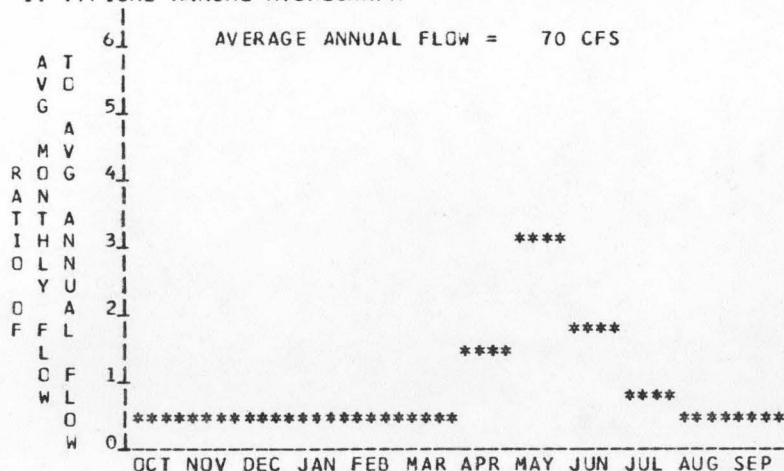
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6410 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6380 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	30 FT.
D. AVERAGE SLOPE IN REACH	7.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	60 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	26	0.21	1.84	0.99
80	34	0.28	2.34	0.96
50	47	0.38	2.94	0.88
30	57	0.46	3.22	0.79
10	155	1.26	4.62	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

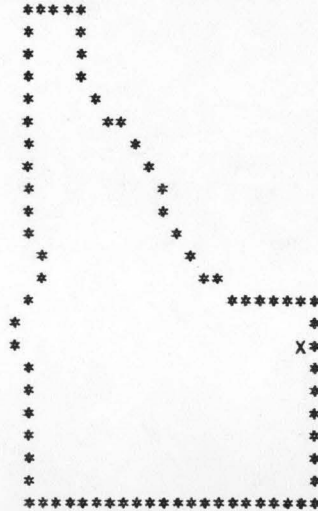
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I LOCATION

A. STATE IDAHO
 B. COUNTY FREMONT
 C. TOWNSHIP, RANGE T10N R44E
 D. LATITUDE, LONGITUDE 44 12 111 15
 E. STREAM NAME WARM RIVER
 F. MAJOR BASIN NAME HENRYS FORK
 G. RIVER MILE 0.0 TO 14.9

LOCATION MAPS

U.S. TOPO SERIES
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 SCALE
 MAP NAME
 ASHTON



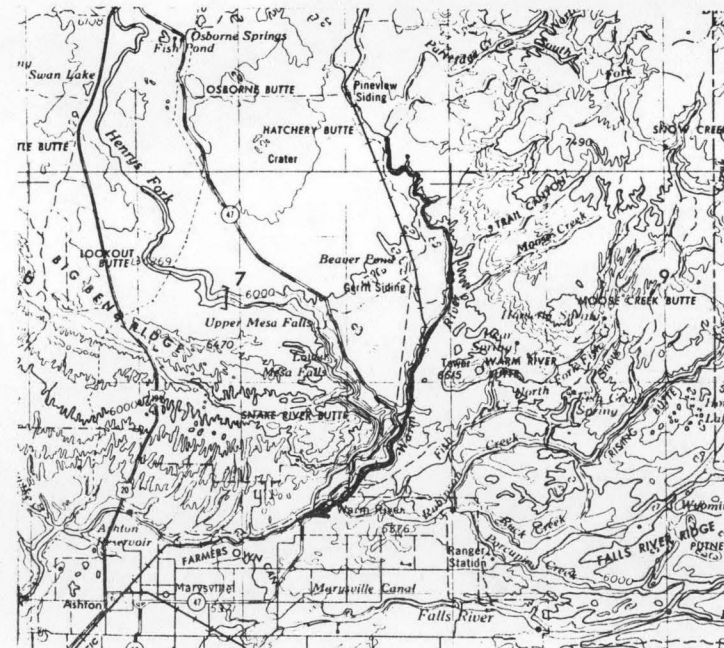
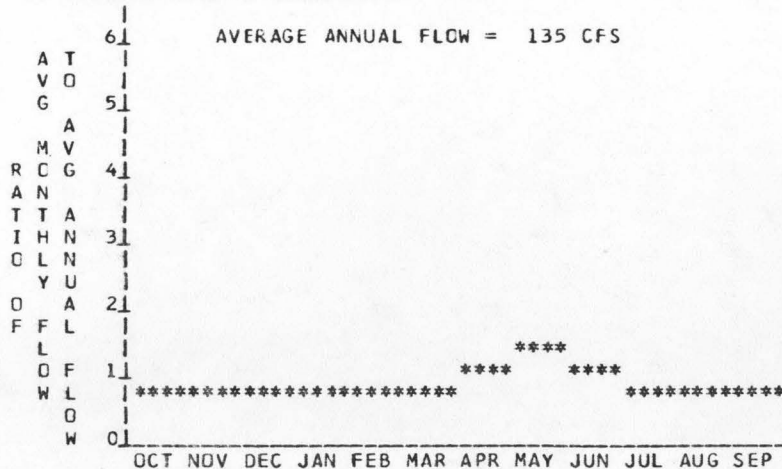
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6052 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5260 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 792 FT.
 D. AVERAGE SLOPE IN REACH 53.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 119 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	95	6.91	60.42	1.00
80	107	7.78	67.10	0.98
50	118	8.58	71.66	0.95
30	130	9.45	74.71	0.90
10	183	13.31	81.47	0.70

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240300030R0004

I LOCATION

A. STATE	IDAHO
B. COUNTY	FREMONT
C. TOWNSHIP, RANGE	T 9N R44E
D. LATITUDE, LONGITUDE	44 6 111 17
E. STREAM NAME	ROBINSON CREEK
F. MAJOR BASIN NAME	HENRYS FORK
G. RIVER MILE	0.0 TO 4.2

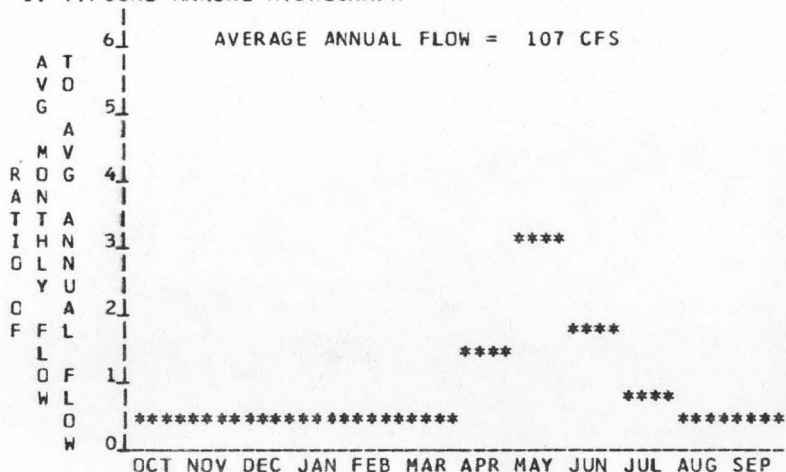
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5437 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5279 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	158 FT.
D. AVERAGE SLOPE IN REACH	37.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	126 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

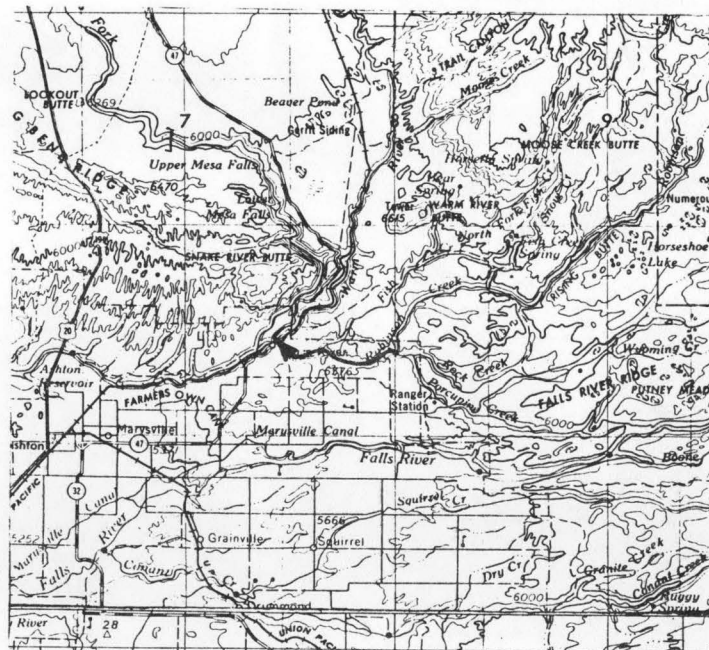
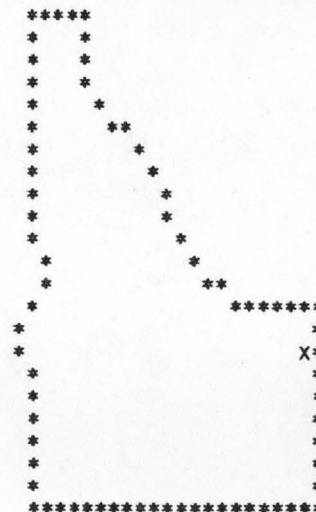
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	0.74	6.44	0.99
80	51	0.97	8.18	0.96
50	71	1.35	10.34	0.88
30	87	1.65	11.41	0.79
10	236	4.48	16.36	0.42

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE
MAP NAME
ASHTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307000R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T36N R119W
 D. LATITUDE, LONGITUDE 43 6 111 2
 E. STREAM NAME SALT RIVER
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 0.0 TO 3.6

LOCATION MAPS

U.S. TOPO SERIES
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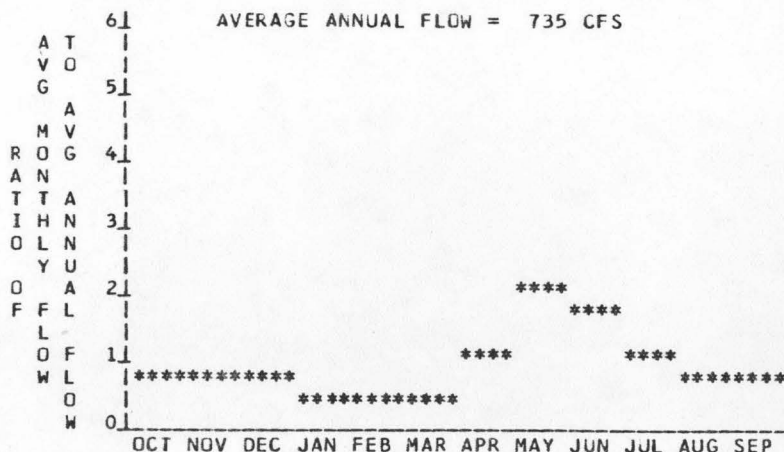
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5675 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5620 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 55 FT.
 D. AVERAGE SLOPE IN REACH 15.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 867 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	380	1.77	15.49	1.00
80	475	2.21	18.88	0.97
50	590	2.75	21.94	0.91
30	730	3.40	24.22	0.81
10	1300	6.06	28.88	0.54

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307000R0004

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T35N R119W
 D. LATITUDE, LONGITUDE 42 59 111 1
 E. STREAM NAME SALT RIVER
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 3.6 TO 22.0

LOCATION MAPS

U.S. TOPO SERIES
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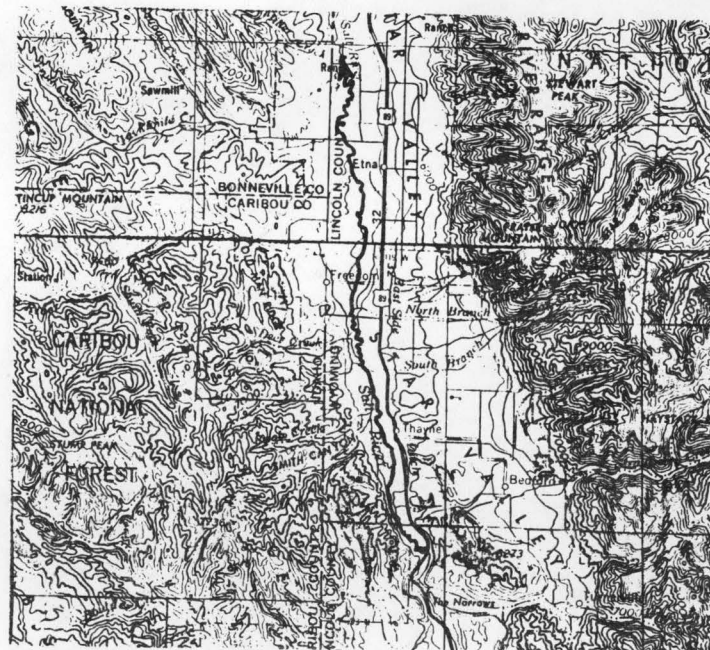
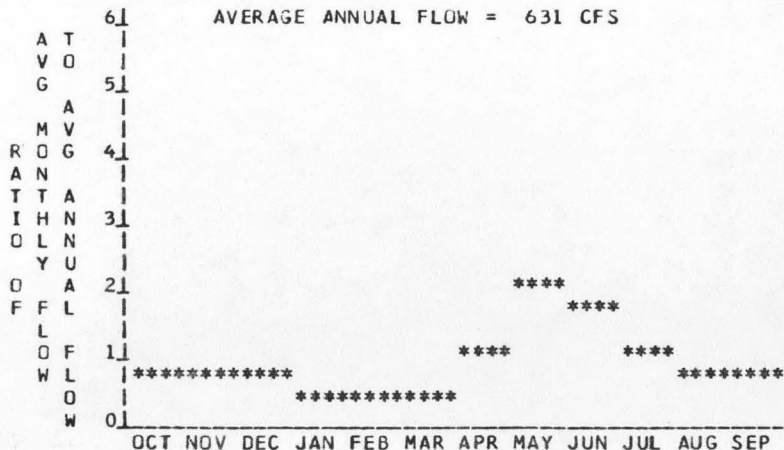
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 5980 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5675 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 305 FT.
 D. AVERAGE SLOPE IN REACH 16.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 847 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATICN AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	300	7.75	67.80	1.00
80	378	9.77	83.26	0.97
50	485	12.54	99.00	0.90
30	603	15.59	109.69	0.80
10	1035	26.75	129.25	0.55

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307000R0C06

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T33N R119W
 D. LATITUDE, LONGITUDE 42 47 110 58
 E. STREAM NAME SALT RIVER
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 22.0 TO 36.5

LOCATION MAPS

U.S. TOPO SERIES
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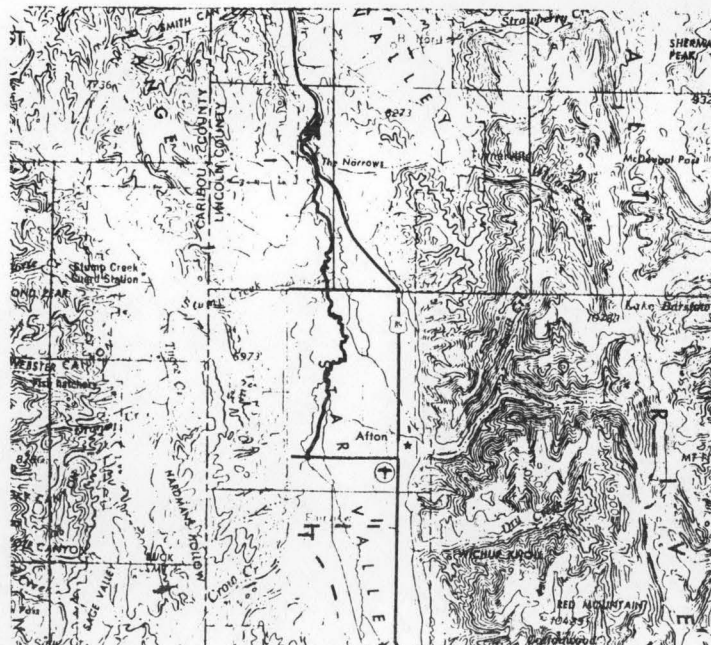
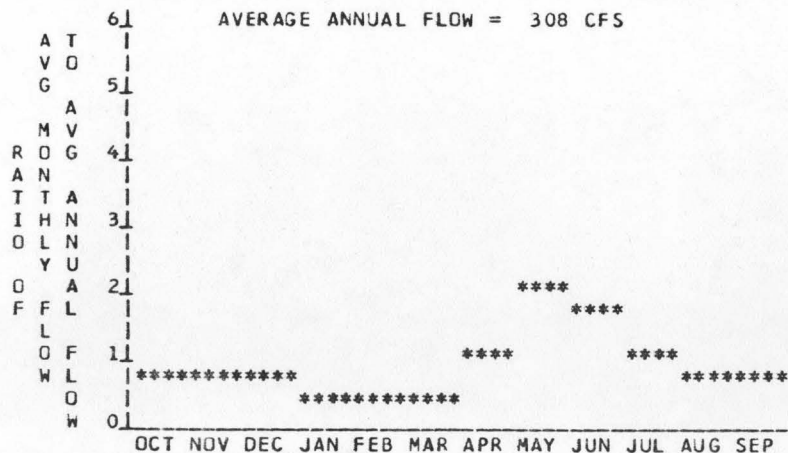
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6150 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5980 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 170 FT.
 D. AVERAGE SLOPE IN REACH 11.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 546 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	145	2.09	18.26	1.00
80	184	2.65	22.57	0.97
50	252	3.63	28.14	0.88
30	334	4.81	32.28	0.77
10	654	9.42	40.36	0.49

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307020R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T34N R117W
 D. LATITUDE, LONGITUDE 42 54 110 52
 E. STREAM NAME STRAWBERRY CREEK
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 5.3 TO 5.4

LOCATION MAPS

U.S. TOPO SERIES 1:250000
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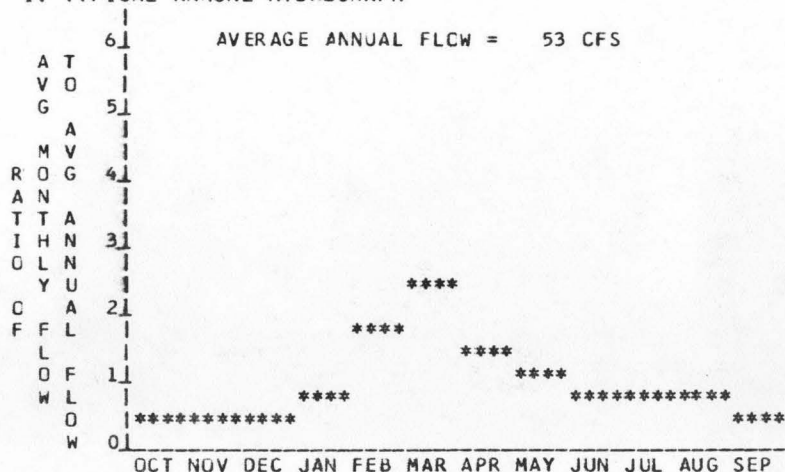
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6500 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6420 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 80 FT.
 D. AVERAGE SLOPE IN REACH 800.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 21 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE		ANNUAL ENERGY AVAILABLE	PLANT FACTOR
		MW	GWH		
95	23	0.28	2.49	1.00	
80	28	0.35	2.96	0.98	
50	37	0.46	3.60	0.90	
30	50	0.62	4.16	0.77	
10	102	1.26	5.29	0.48	

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRG-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240307030R0002

I LOCATION

A. STATE IDAHO
 B. COUNTY CARIBOU
 C. TOWNSHIP, RANGE T07S R46E
 D. LATITUDE, LONGITUDE 42 47 111 4
 E. STREAM NAME STUMP CREEK
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 4.2 TO 4.3

LOCATION MAPS

U.S. TOPO SERIES
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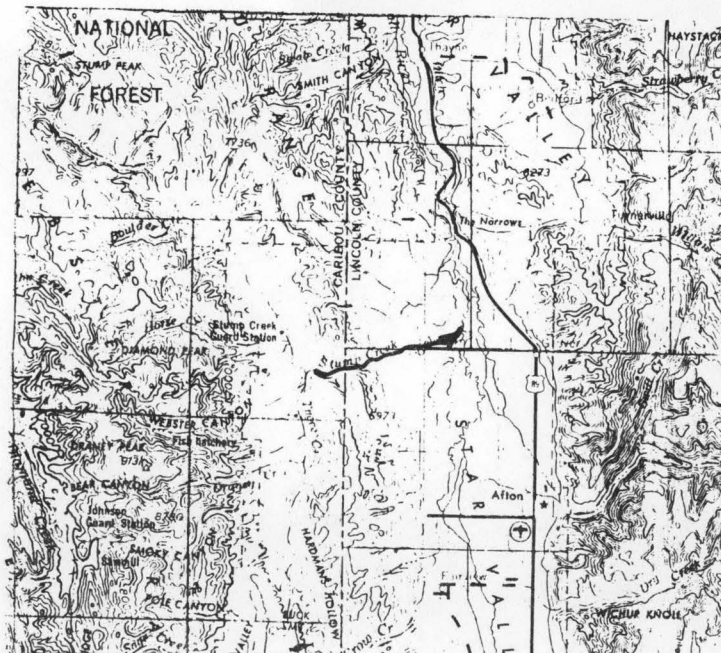
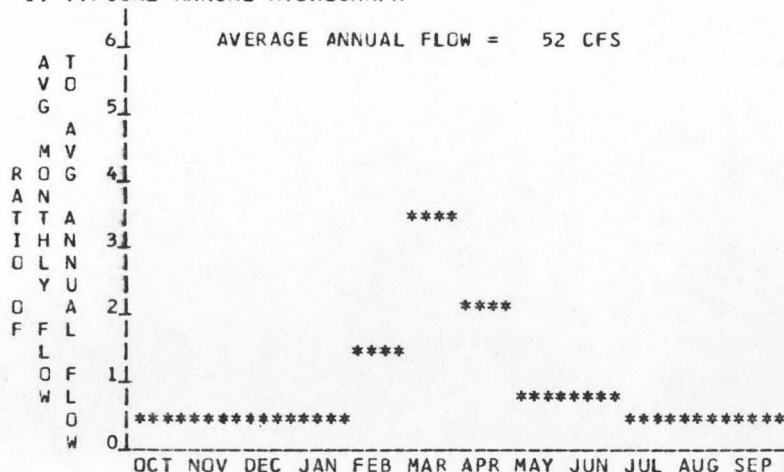
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6180 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6175 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 5 FT.
 D. AVERAGE SLOPE IN REACH 71.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 101 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	0.14	1.21	1.00
80	27	0.16	1.40	0.98
50	36	0.22	1.70	0.90
30	49	0.29	1.98	0.77
10	100	0.60	2.52	0.48

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307040R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T32N R118W
 D. LATITUDE, LONGITUDE 42 45 110 53
 E. STREAM NAME SWIFT CREEK
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 5.3 TO 8.9

LOCATION MAPS

U.S. TOPD SERIES
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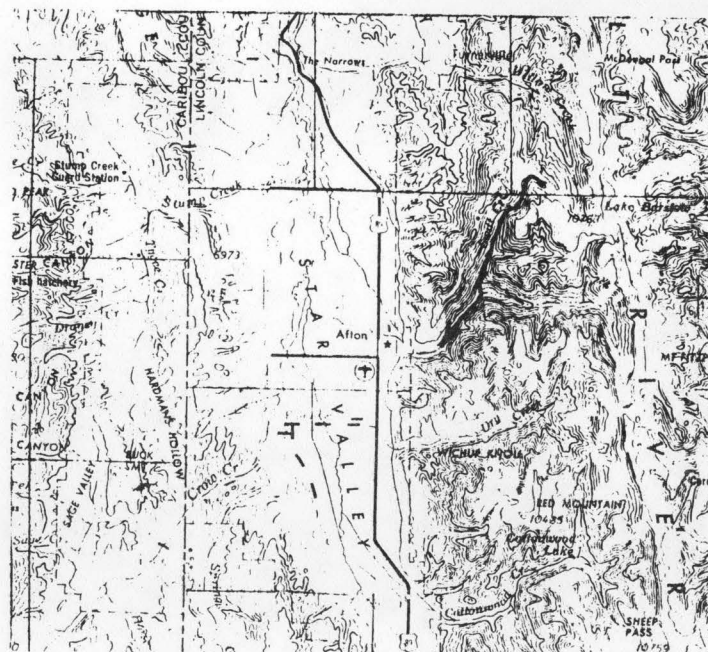
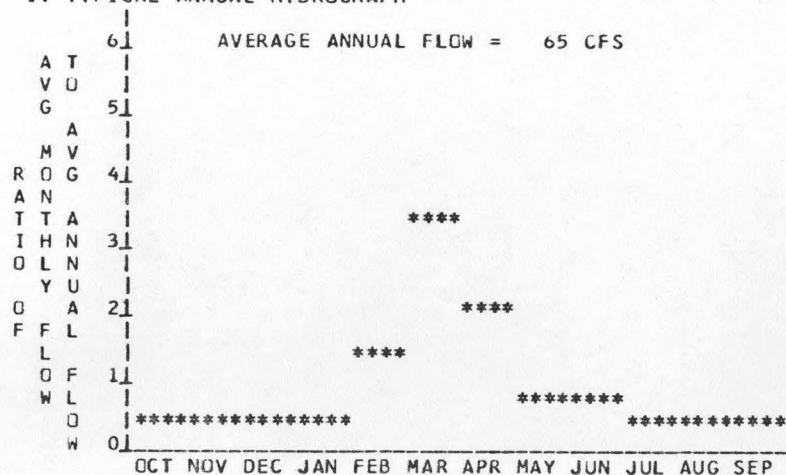
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6550 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6420 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 130 FT.
 D. AVERAGE SLOPE IN REACH 36.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 27 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	27	0.45	3.93	1.00
80	32	0.54	4.63	0.98
50	43	0.72	5.68	0.89
30	60	1.01	6.67	0.76
10	130	2.16	8.70	0.46

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307010R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T31N R119W
 D. LATITUDE, LONGITUDE 42 43 111 0
 E. STREAM NAME CROW CREEK
 F. MAJOR BASIN NAME SALT RIVER
 G. RIVER MILE 0.0 TO 4.8

LOCATION MAPS

U.S. TOPO SERIES
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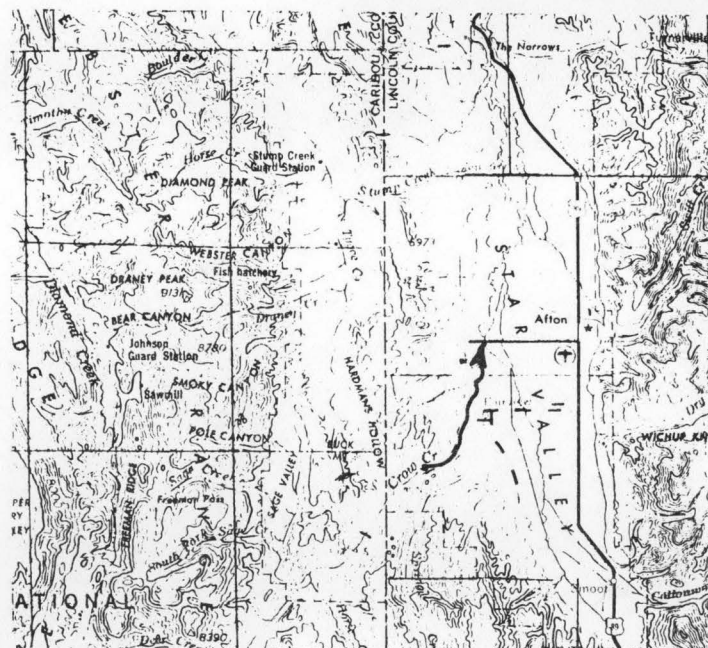
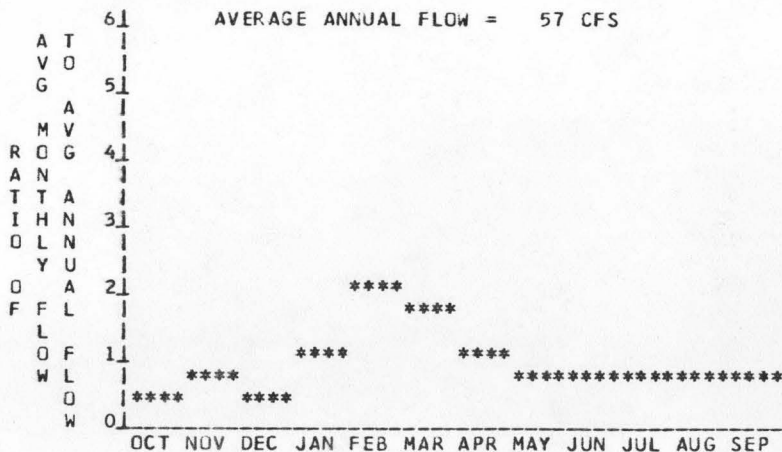
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6240 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6150 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 90 FT.
 D. AVERAGE SLOPE IN REACH 18.8 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 11 SQ. MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	0.21	1.87	1.00
80	34	0.26	2.22	0.98
50	43	0.33	2.61	0.91
30	57	0.43	2.98	0.78
10	114	0.87	3.74	0.49

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240307010R0004

I LOCATION

A. STATE	WYOMING
B. COUNTY	LINCOLN
C. TOWNSHIP, RANGE	T31N R119W
D. LATITUDE, LONGITUDE	42 40 111 2
E. STREAM NAME	CROW CREEK
F. MAJOR BASIN NAME	SALT RIVER
G. RIVER MILE	4.8 TO 6.4

LOCATION MAPS

U.S. TOPO SERIES
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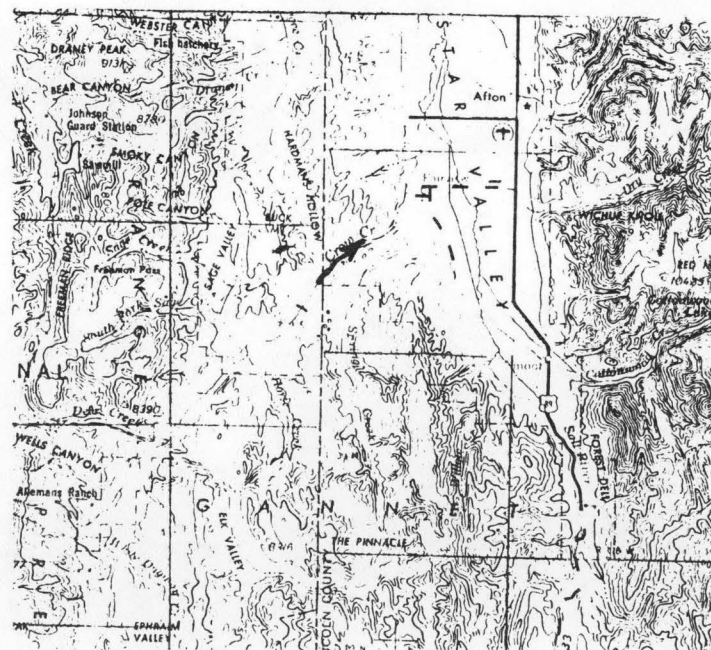
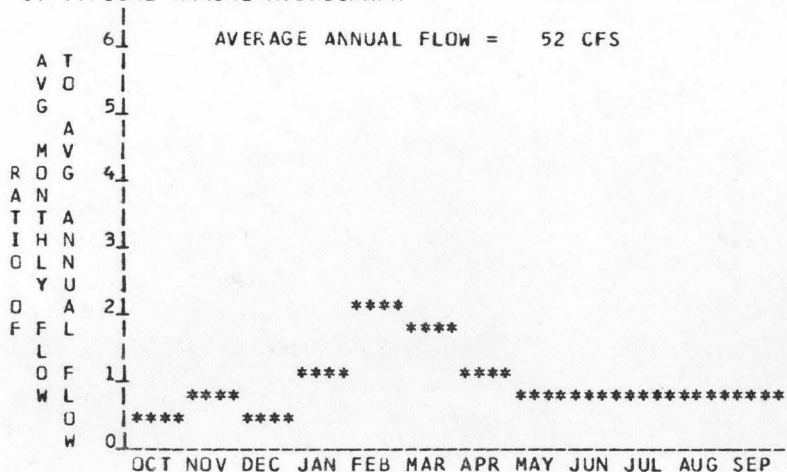
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	6275 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	6240 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	35 FT.
D. AVERAGE SLOPE IN REACH	21.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	111 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWh	PLANT FACTOR
95	30	0.26	2.25	1.00
80	38	0.33	2.77	0.97
50	46	0.39	3.16	0.92
30	60	0.51	3.58	0.80
10	115	0.98	4.41	0.51

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240309000R0002

I LOCATION

A. STATE	WYOMING
B. COUNTY	LINCOLN
C. TOWNSHIP, RANGE	T36N R118W
D. LATITUDE, LONGITUDE	43 9 110 55
E. STREAM NAME	GREYS RIVER
F. MAJOR BASIN NAME	GREYS RIVER
G. RIVER MILE	0.0 TO 7.8

LOCATION MAPS

U.S. TOPO SERIES
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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	5980 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	5630 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	350 FT.
D. AVERAGE SLOPE IN REACH	44.9 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	451 SQ. MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	148	4.42	38.63	1.00
80	196	5.83	49.42	0.97
50	282	8.37	63.91	0.87
30	483	14.33	84.79	0.68
10	1674	49.68	146.73	0.34

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 584 CFS

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REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240309000R0C04

I LOCATION

A. STATE WYGMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T35N R117W
 D. LATITUDE, LONGITUDE 43 7 110 52
 E. STREAM NAME GREYS RIVER
 F. MAJOR BASIN NAME GREYS RIVER
 G. RIVER MILE 7.8 TO 20.6

LOCATION MAPS

U.S. TOPO SERIES
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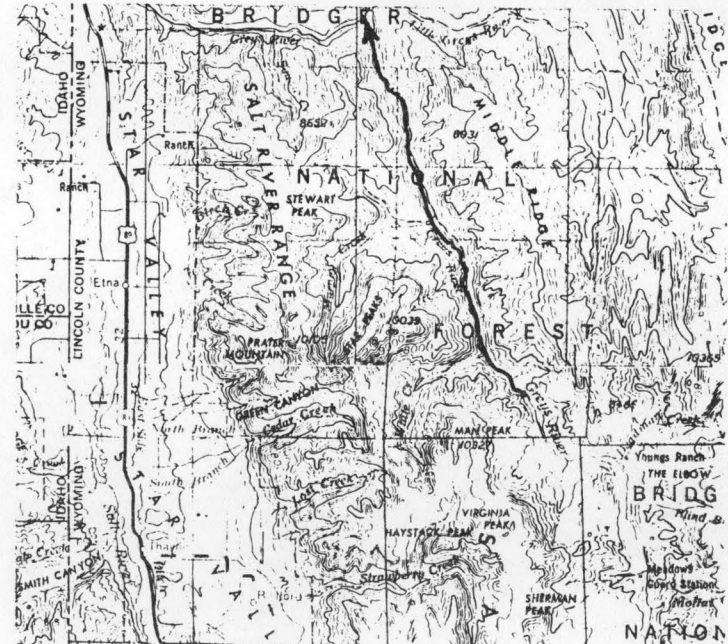
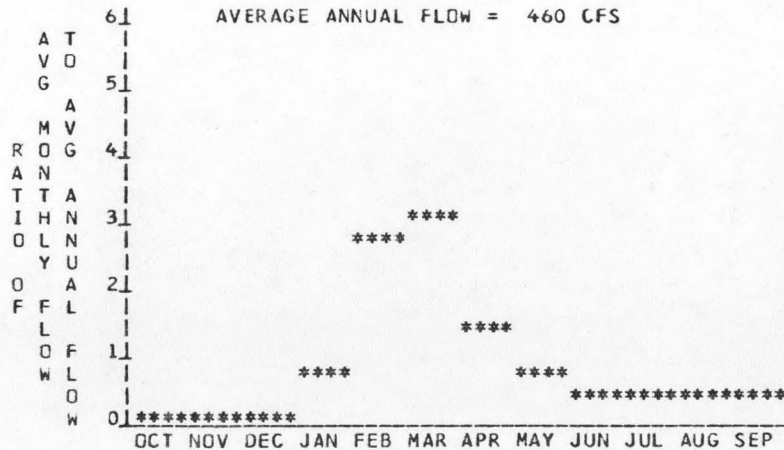
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6360 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5980 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 380 FT.
 D. AVERAGE SLOPE IN REACH 29.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 341 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	123	3.98	34.82	1.00
80	161	5.20	44.16	0.97
50	230	7.42	56.77	0.87
30	385	12.41	74.28	0.68
10	1268	40.84	124.08	0.35

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240309000R0008

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T33N R116W
 D. LATITUDE, LONGITUDE 42 48 110 41
 E. STREAM NAME GREYS RIVER
 F. MAJOR BASIN NAME GREYS RIVER
 G. RIVER MILE 32.1 TO 46.3

LOCATION MAPS

U.S. TOPO SERIES
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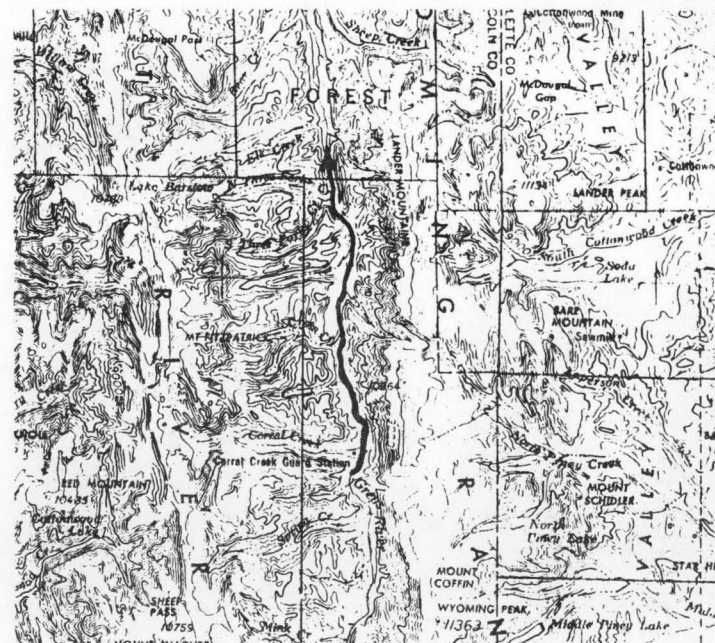
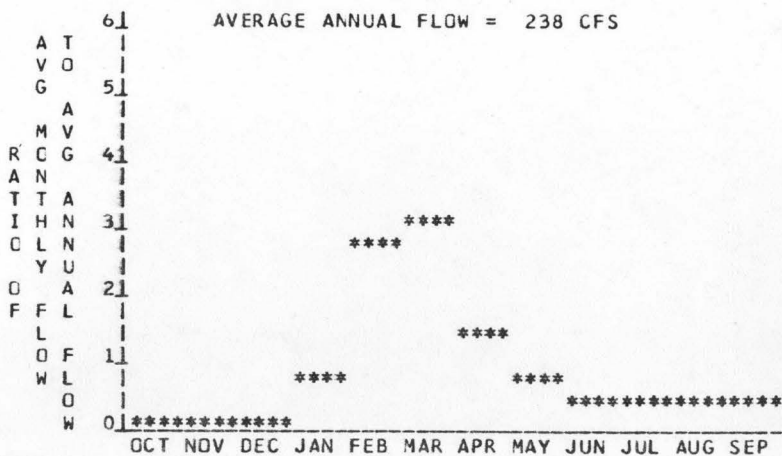
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7580 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6800 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 780 FT.
 D. AVERAGE SLOPE IN REACH 54.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 87 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	74	4.89	42.76	1.00
80	94	6.21	52.90	0.97
50	131	8.66	66.82	0.88
30	207	13.68	84.43	0.70
10	589	38.93	128.67	0.38

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002403C9000R0010

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T30N R116W
 D. LATITUDE, LONGITUDE 42 39 110 40
 E. STREAM NAME GREYS RIVER
 F. MAJOR BASIN NAME GREYS RIVER
 G. RIVER MILE 46.3 TO 51.5

LOCATION MAPS

U.S. TOPO SERIES
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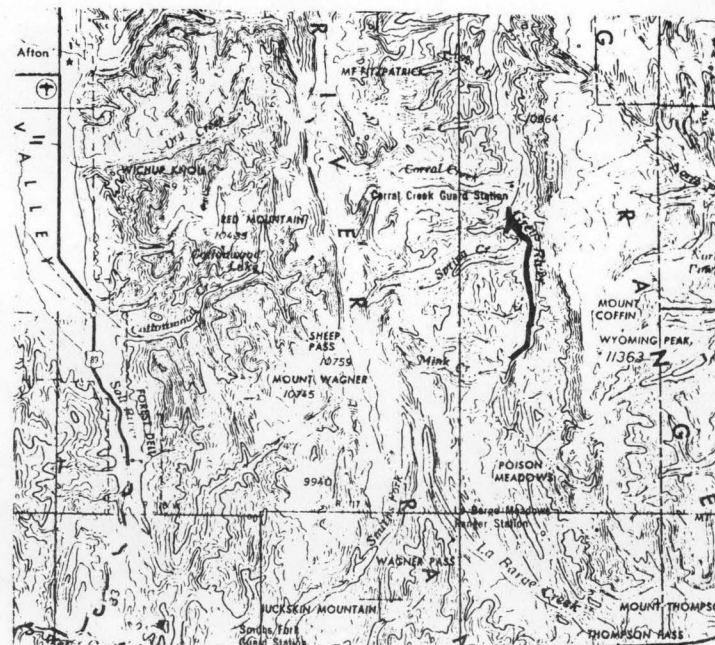
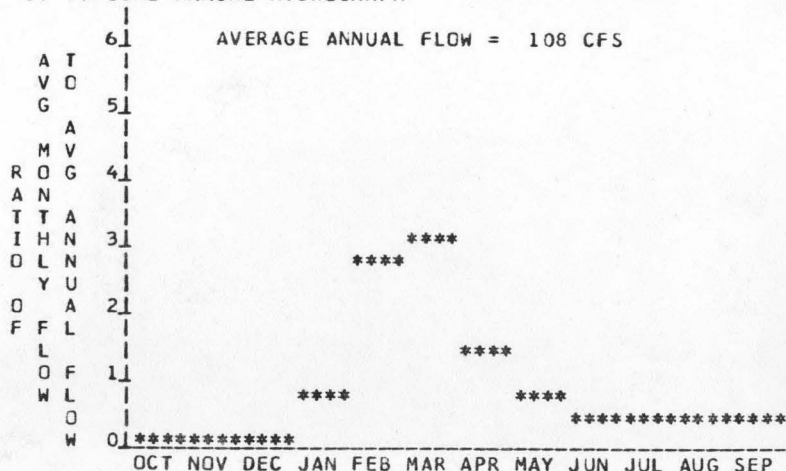
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7980 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7850 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 130 FT.
 D. AVERAGE SLOPE IN REACH 25.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 56 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	40	0.66	5.81	1.00
80	49	0.81	6.96	0.98
50	67	1.11	8.66	0.89
30	98	1.63	10.46	0.73
10	235	3.90	14.45	0.42

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240309010R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY LINCOLN
 C. TOWNSHIP, RANGE T37N R117W
 D. LATITUDE, LONGITUDE 43 9 110 47
 E. STREAM NAME LITTLE GREYS RIVER
 F. MAJOR BASIN NAME GREYS RIVER
 G. RIVER MILE 0.0 TO 10.3

LOCATION MAPS

U.S. TOPO SERIES
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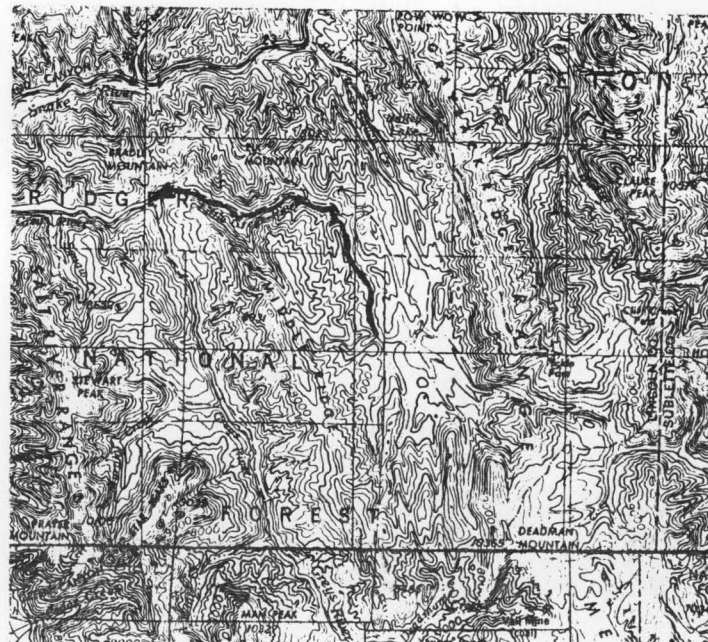
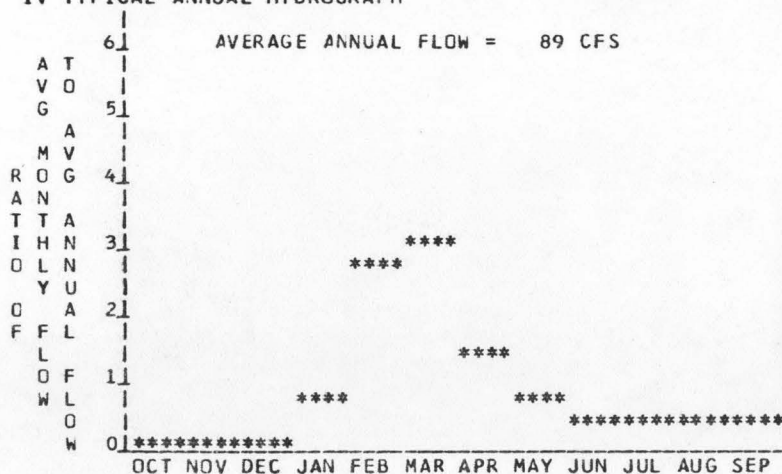
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6620 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5980 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 640 FT.
 D. AVERAGE SLOPE IN REACH 62.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 86 SQ.MI.
 F. INFLOW CLASSIFICATION REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	34	2.07	18.09	1.00
80	42	2.52	21.59	0.98
50	57	3.42	26.67	0.89
30	81	4.90	31.86	0.74
10	188	11.27	43.02	0.44

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311000R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T39N R116W
 D. LATITUDE, LONGITUDE 43 19 110 45
 E. STREAM NAME HOBACK RIVER
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 0.0 TO 4.1

LOCATION MAPS

U.S. TOPO SERIES
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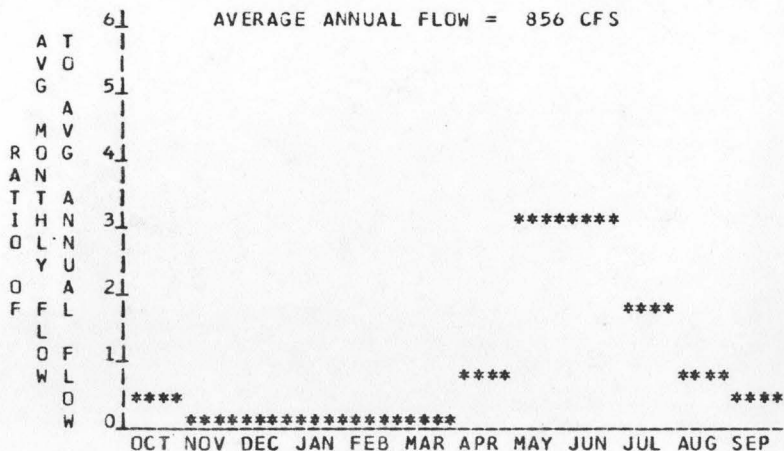
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6015 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 5885 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 130 FT.
 D. AVERAGE SLOPE IN REACH 31.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 568 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	175	1.93	16.91	1.00
80	207	2.28	19.58	0.98
50	290	3.20	24.81	0.89
30	516	5.69	33.52	0.67
10	2797	30.82	77.56	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311000R0C04

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON, SUBLETTE
 C. TOWNSHIP, RANGE T38N R114W
 D. LATITUDE, LONGITUDE 43 17 110 36
 E. STREAM NAME HOBACK RIVER
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 4.1 TO 12.3

LOCATION MAPS

U.S. TOPO SERIES
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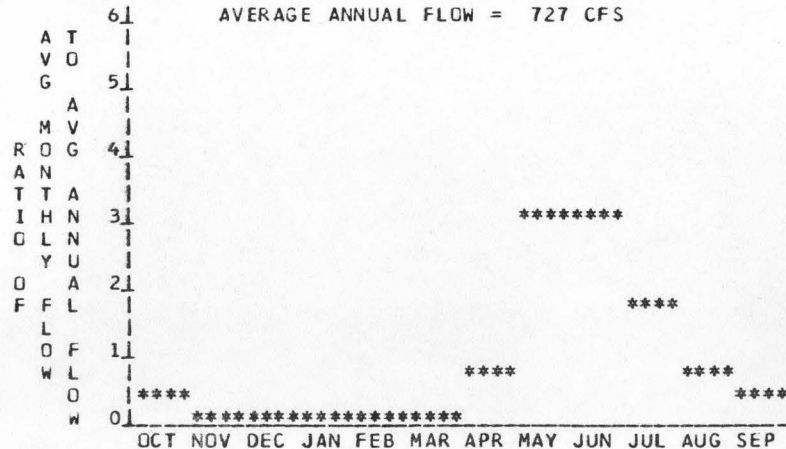
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6293 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6015 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 278 FT.
 D. AVERAGE SLOPE IN REACH 33.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUT 488 SQ. MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE Mw	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	145	3.44	30.06	1.00
80	176	4.17	35.65	0.98
50	249	5.87	45.36	0.88
30	441	10.40	61.23	0.67
10	2359	55.58	140.38	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311000R0006

I LOCATION

A. STATE WYOMING
 B. COUNTY SUBLETTE
 C. TOWNSHIP, RANGE T38N R114W
 D. LATITUDE, LONGITUDE 43 15 110 30
 E. STREAM NAME HOBACK RIVER
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 12.3 TO 15.5

LOCATION MAPS

U.S. TOPO SERIES
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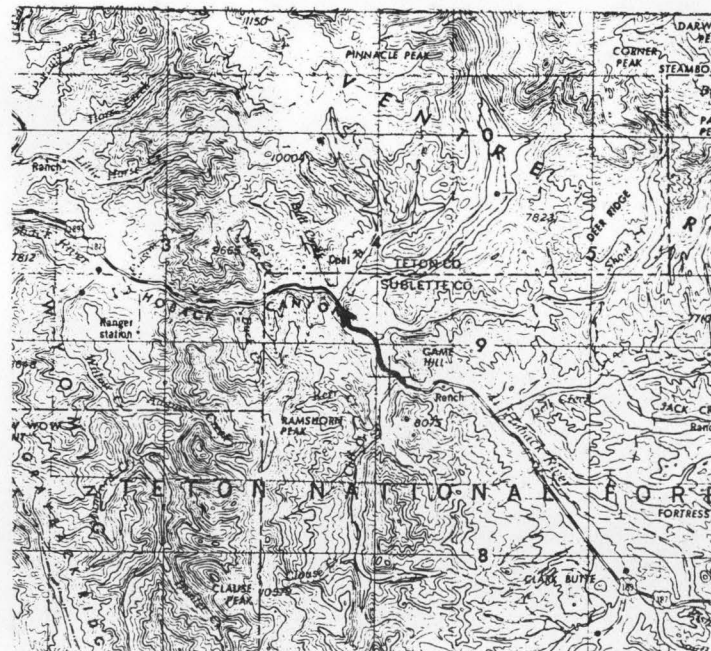
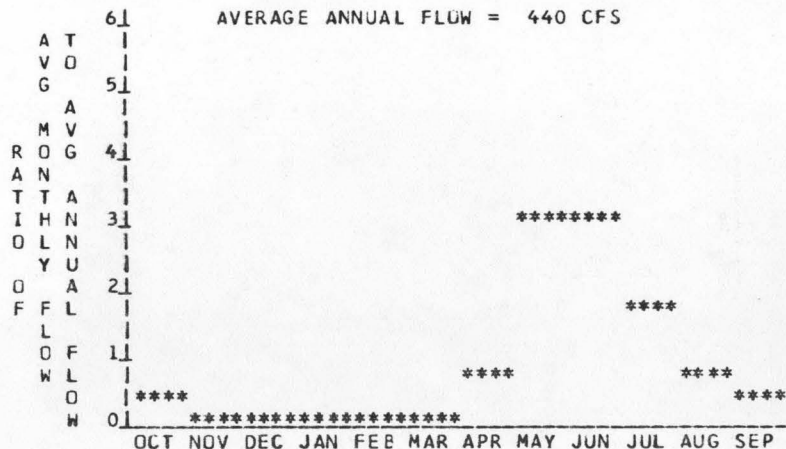
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6392 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6293 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 99 FT.
 D. AVERAGE SLOPE IN REACH 30.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 366 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	82	0.69	6.05	1.00
80	108	0.91	7.72	0.97
50	155	1.30	9.96	0.87
30	272	2.28	13.40	0.67
10	1392	11.68	29.86	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311000R0CC6

I LOCATION

A. STATE WYOMING
 B. COUNTY SUBLETTE
 C. TOWNSHIP, RANGE T38N R113W
 D. LATITUDE, LONGITUDE 43 13 110 25
 E. STREAM NAME HOBACK RIVER
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 15.5 TO 25.6

LOCATION MAPS
 J.S. TOPO SERIES
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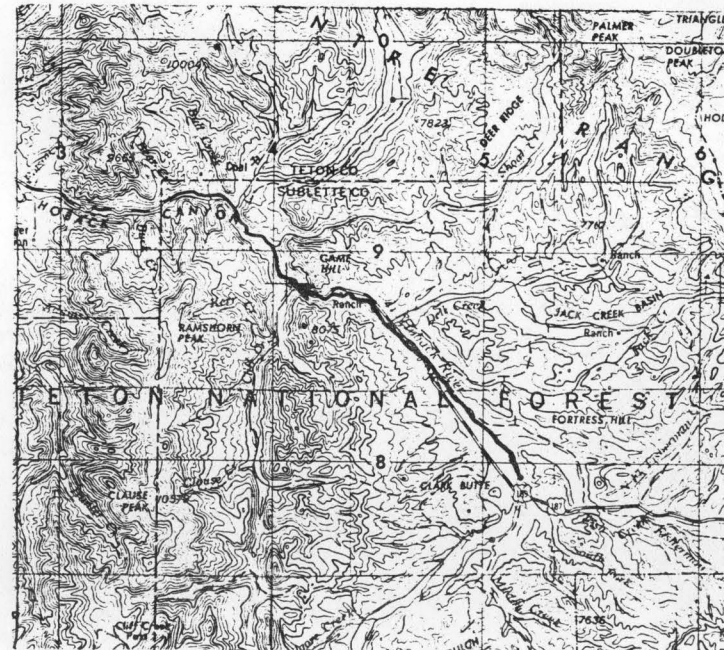
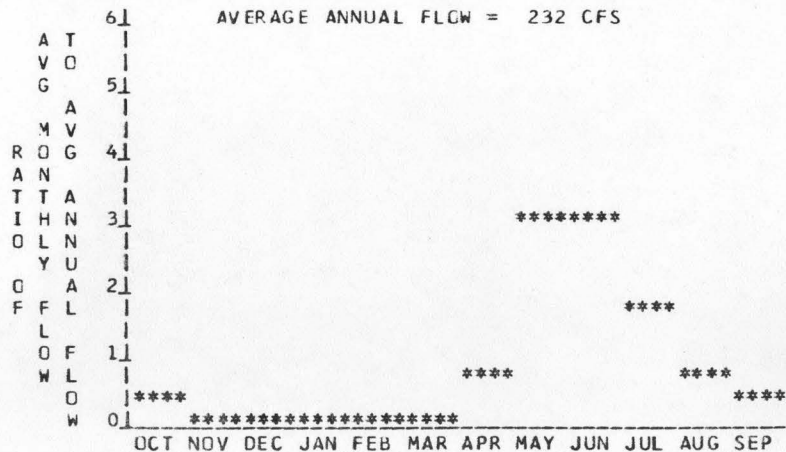
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6770 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6392 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 378 FT.
 D. AVERAGE SLOPE IN REACH 37.4 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 270 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATICN AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	39	1.28	11.17	1.00
80	58	1.87	15.68	0.96
50	85	2.73	20.59	0.86
30	147	4.72	27.55	0.67
10	711	22.81	59.25	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311000R0010

I LOCATION

A. STATE WYOMING
 B. COUNTY SUBLETTE
 C. TOWNSHIP, RANGE T37N R113W
 D. LATITUDE, LONGITUDE 43 8 110 24
 E. STREAM NAME HOBACK RIVER
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 25.6 TO 27.8

LOCATION MAPS

U.S. TOPO SERIES
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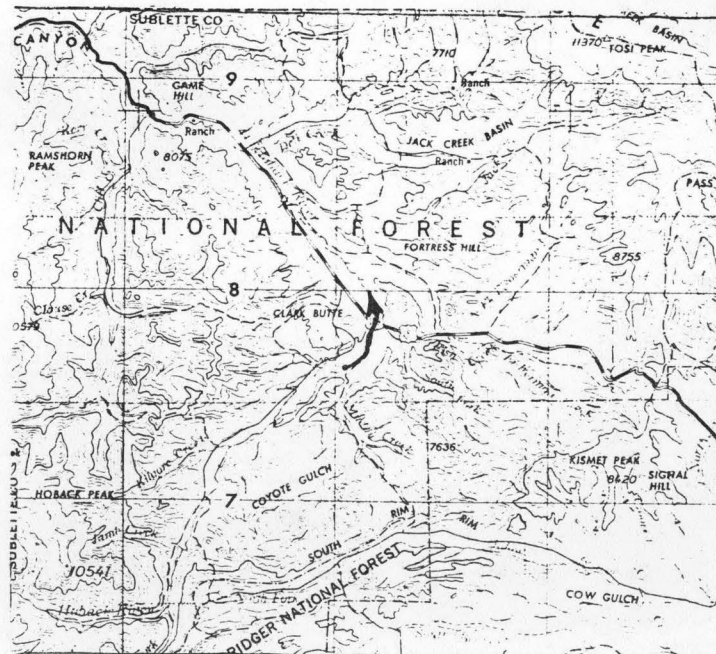
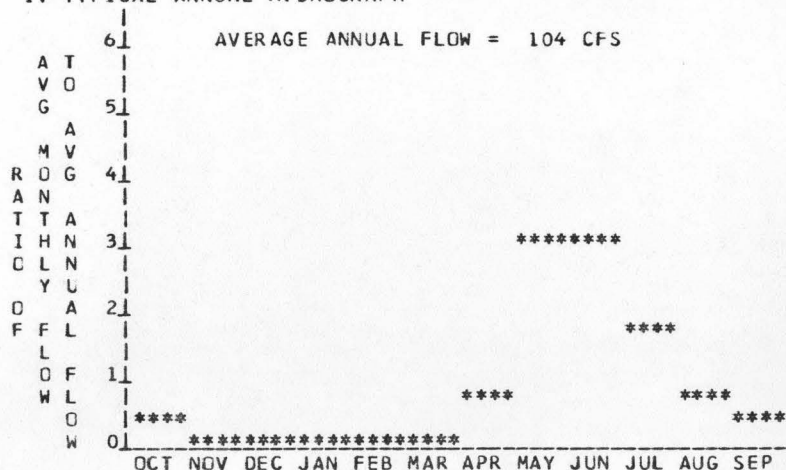
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6880 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6770 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 110 FT.
 D. AVERAGE SLOPE IN REACH 50.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 72 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	16	0.24	2.09	1.00
80	26	0.40	3.31	0.95
50	40	0.60	4.44	0.85
30	68	1.01	5.90	0.66
10	306	4.57	12.14	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311010R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T38N R116W
 D. LATITUDE, LONGITUDE 43 16 110 41
 E. STREAM NAME WILLOW CREEK
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 0.0 TO 1.0

LOCATION MAPS

U.S. TOPG SERIES
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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6120 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6015 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 105 FT.
 D. AVERAGE SLOPE IN REACH 105.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 72 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

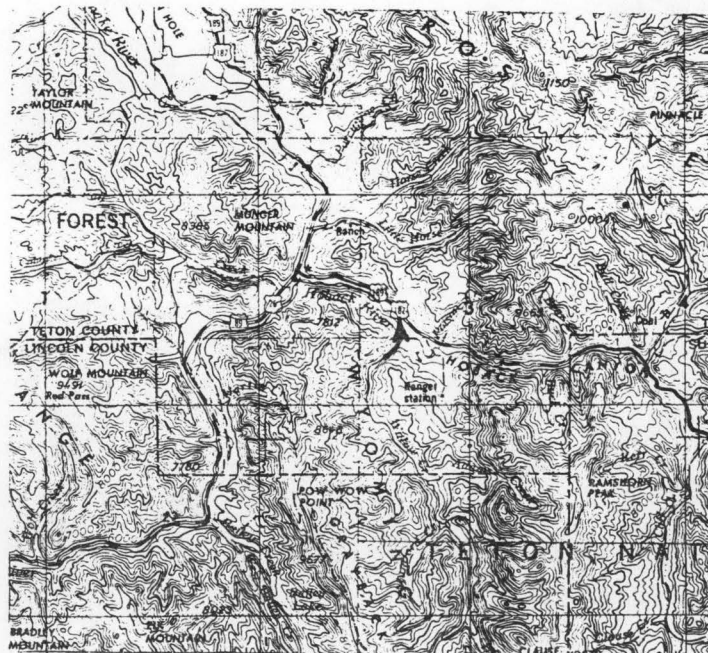
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	15	0.22	1.90	1.00
80	25	0.37	3.04	0.95
50	38	0.55	4.09	0.85
30	64	0.93	5.43	0.66
10	288	4.19	11.13	0.30

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 98 CFS

MONTH	FLOW (CFS)
A	61
T	61
V	61
O	61
G	51
A	41
M	41
V	41
R	41
O	41
G	41
A	41
N	41
T	31
T	31
A	31
I	31
H	31
N	31
C	1
L	1
N	1
Y	1
U	1
O	21
A	21
F	1
F	1
L	1
L	1
O	1
F	1
W	1
L	1
D	1
O	1
W	0

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REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240311020R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON, SUBLETTE
 C. TOWNSHIP, RANGE T39N R114W
 D. LATITUDE, LONGITUDE 43 18 110 30
 E. STREAM NAME GRANITE CREEK
 F. MAJOR BASIN NAME HOBACK RIVER
 G. RIVER MILE 0.0 TO 6.0

LOCATION MAPS

U.S. TOPO SERIES
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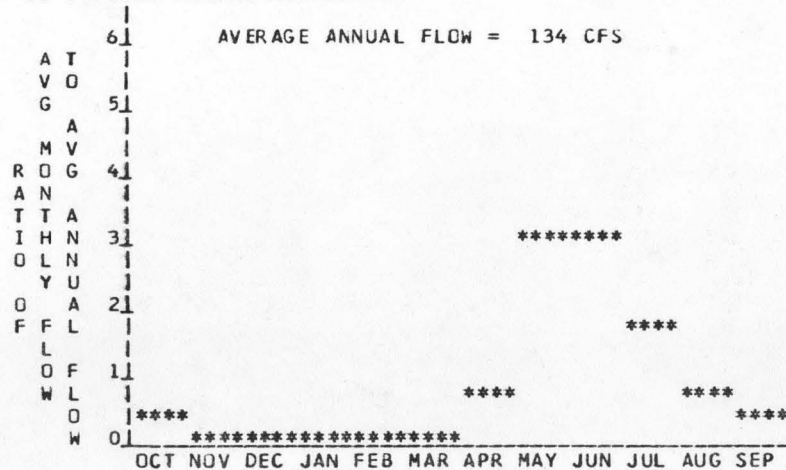
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6680 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6293 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 387 FT.
 D. AVERAGE SLOPE IN REACH 64.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 86 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	21	0.83	7.23	1.00
80	34	1.32	11.00	0.95
50	51	1.96	14.67	0.85
30	87	3.35	19.54	0.66
10	402	15.46	40.75	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065C0240315000R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T42N R116W
 D. LATITUDE, LONGITUDE 43 34 110 45
 E. STREAM NAME GROS VENTRE RIVER
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 0.0 TO 10.9

LOCATION MAPS

U.S. TOPO SERIES 1:250000
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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6640 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6240 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 400 FT.
 D. AVERAGE SLOPE IN REACH 36.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 636 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

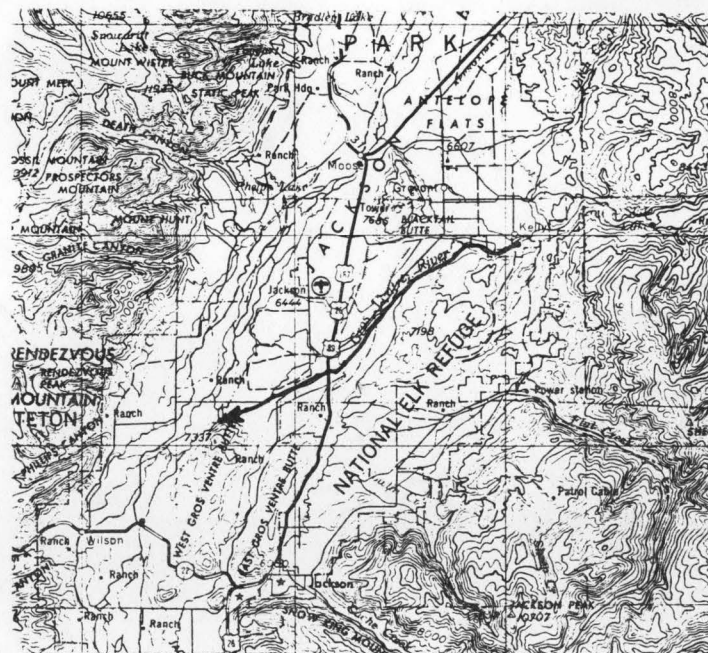
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	93	3.18	27.84	1.00
80	121	4.11	34.94	0.97
50	173	5.87	44.94	0.87
30	303	10.30	60.49	0.67
10	1570	53.23	135.69	0.29

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 493 CFS

MONTH	FLOW (CFS)
AT	61
VO	1
G	51
A	1
MV	1
ROG	41
AN	1
TTA	1
IHN	31
CLN	1
YU	1
OFA	21
FL	1
LOF	11
WL	1
OD	1
W	0

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REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315000R0C04

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T42N R115W
 D. LATITUDE, LONGITUDE 43 38 110 35
 E. STREAM NAME GROS VENTRE RIVER
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 10.9 TO 16.0

LOCATION MAPS

U.S. TOPO SERIES
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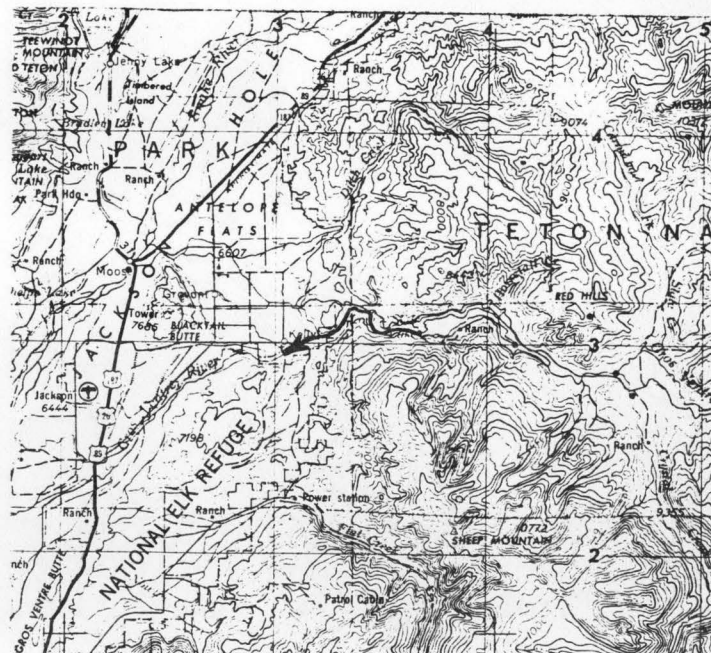
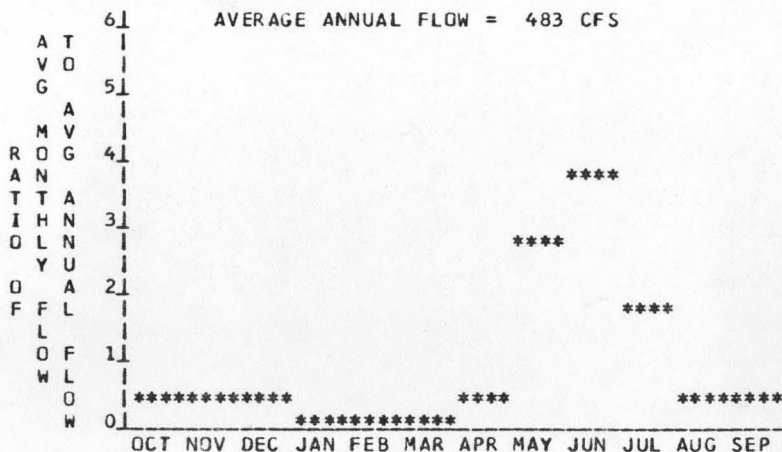
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6880 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6640 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 240 FT.
 D. AVERAGE SLOPE IN REACH 47.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 614 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	91	1.87	16.32	1.00
80	118	2.42	20.54	0.97
50	169	3.45	26.44	0.87
30	297	6.06	35.57	0.67
10	1536	31.25	79.71	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315000R0006

I LOCATION

A. STATE WYOMING
 B. COUNTY TETCN
 C. TOWNSHIP, RANGE T42N R114W
 D. LATITUDE, LONGITUDE 43 37 110 25
 E. STREAM NAME GROS VENTRE RIVER
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 19.4 TO 22.9

LOCATION MAPS

U.S. TOPO SERIES
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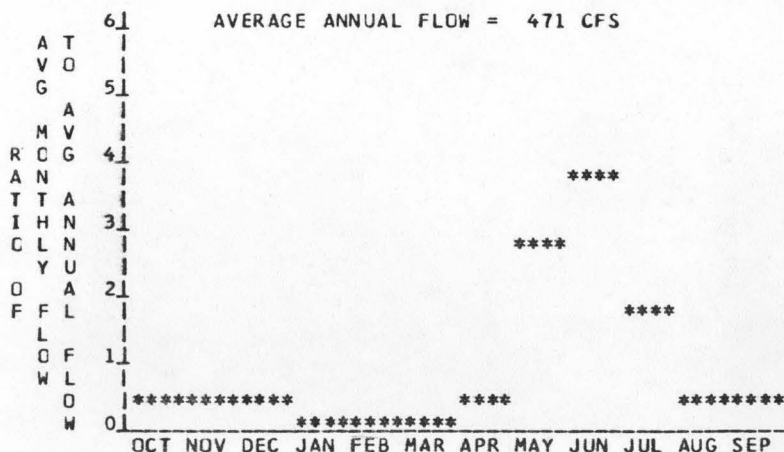
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7010 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6908 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 102 FT.
 D. AVERAGE SLOPE IN REACH 29.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 578 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	89	0.77	6.74	1.00
80	115	1.00	8.51	0.97
50	165	1.43	10.96	0.87
30	290	2.51	14.75	0.67
10	1496	12.93	33.01	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315000R0008

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T42N R114W
 D. LATITUDE, LONGITUDE 43 36 110 23
 E. STREAM NAME GROS VENTRE RIVER
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 22.9 TO 28.9

LOCATION MAPS

U.S. TOPO SERIES
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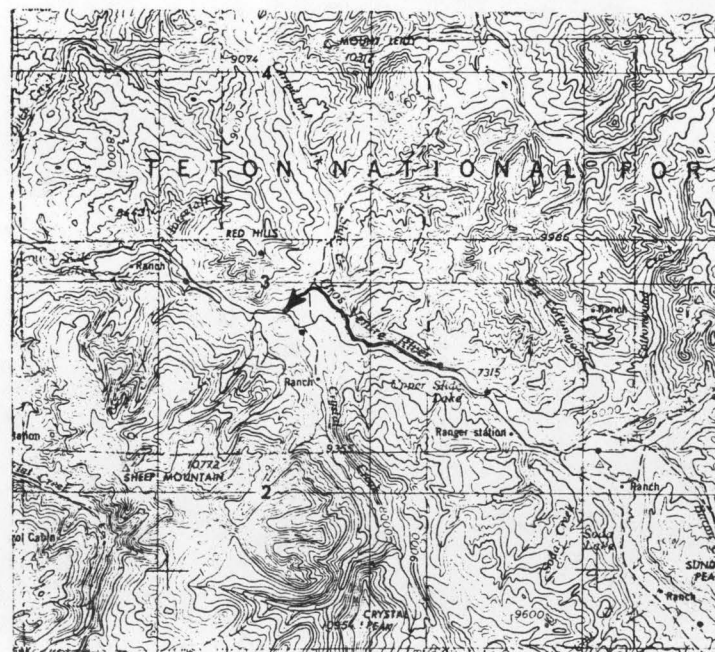
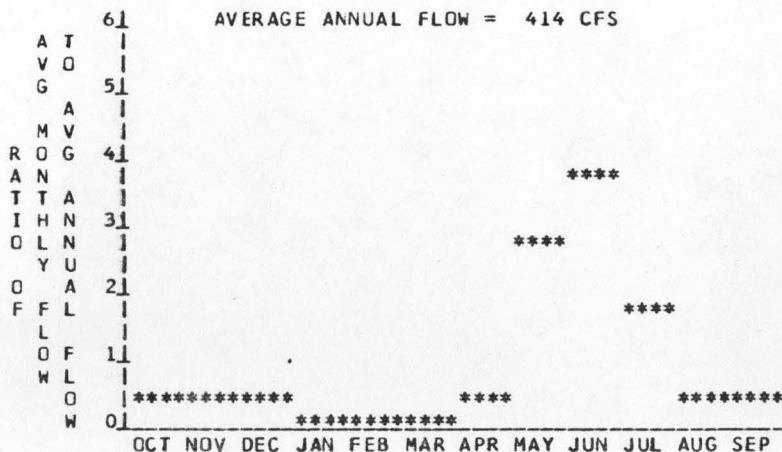
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7240 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7010 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 230 FT.
 D. AVERAGE SLOPE IN REACH 38.3 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 479 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	77	1.50	13.14	1.00
80	102	2.00	16.91	0.97
50	146	2.86	21.86	0.87
30	257	5.01	29.38	0.67
10	1308	25.50	65.27	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024031500CR0010

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T42N R112W
D. LATITUDE, LONGITUDE	43 34 110 17
E. STREAM NAME	GROS VENTRE RIVER
F. MAJOR BASIN NAME	GROS VENTRE RIVER
G. RIVER MILE	30.7 TO 35.0

LOCATION MAPS

U.S. TOPG SERIES
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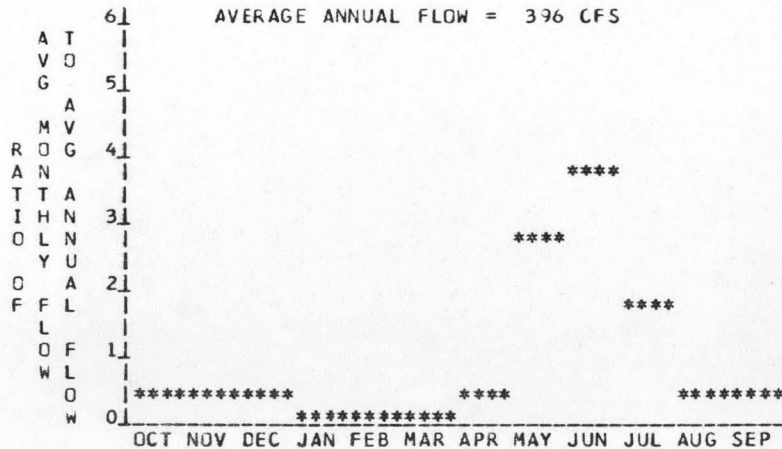
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	7420 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	7280 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	140 FT.
D. AVERAGE SLOPE IN REACH	32.6 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	409 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	73	0.87	7.61	1.00
80	98	1.16	9.86	0.97
50	141	1.67	12.76	0.87
30	246	2.92	17.14	0.67
10	1249	14.82	37.98	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315000R0G12

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T41N R112W
 D. LATITUDE, LONGITUDE 43 32 110 14
 E. STREAM NAME GROS VENTRE RIVER
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 35.0 TO 42.6

LOCATION MAPS

U.S. TOPO SERIES
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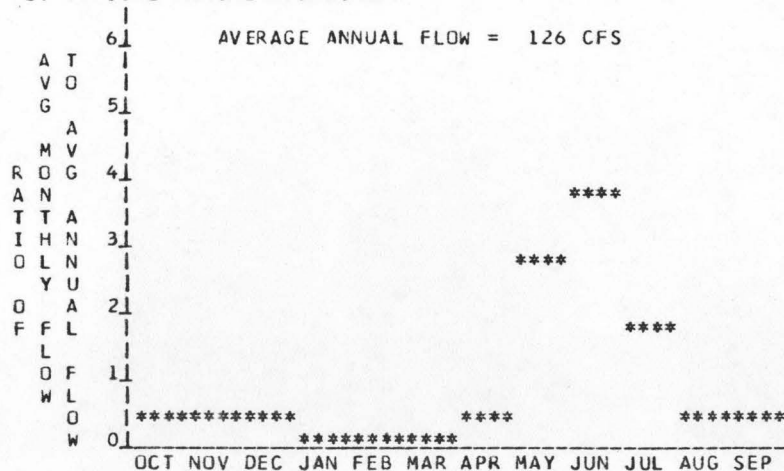
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7600 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7420 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 180 FT.
 D. AVERAGE SLOPE IN REACH 23.7 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 103 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	20	0.42	3.66	1.00
80	32	0.68	5.63	0.95
50	48	1.01	7.52	0.85
30	82	1.72	10.01	0.66
10	377	7.88	20.80	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315010R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T42N R113W
 D. LATITUDE, LONGITUDE 43 35 110 26
 E. STREAM NAME CRYSTAL CREEK
 F. MAJOR BASIN NAME GROS VENTRE RIVER
 G. RIVER MILE 0.0 TO 0.8

LOCATION MAPS

U.S. TOPO SERIES
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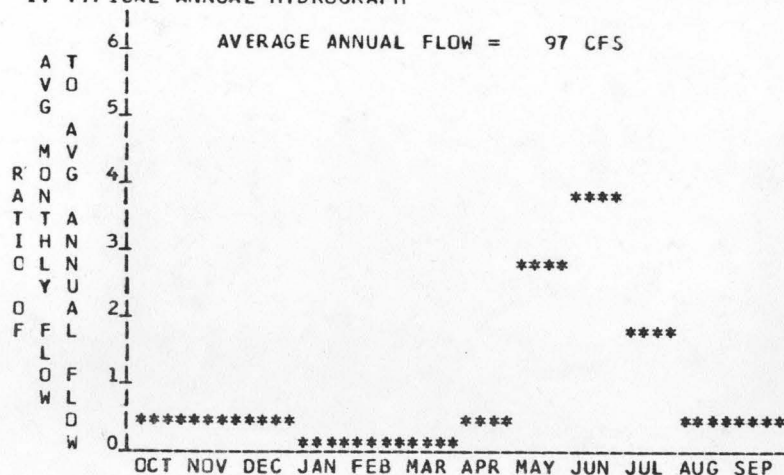
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7040 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7010 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 30 FT.
 D. AVERAGE SLOPE IN REACH 37.5 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 71 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.12	1.05	1.00
80	24	0.20	1.68	0.95
50	37	0.31	2.27	0.85
30	63	0.52	3.01	0.66
10	284	2.32	6.17	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024031502 0R0002

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T42N R11W
D. LATITUDE, LONGITUDE	43 34 110 13
E. STREAM NAME	FISH CREEK
F. MAJOR BASIN NAME	GRGS VENTRE RIVER
G. RIVER MILE	0.0 TO 4.1

LOCATION MAPS

U.S. TQPD SERIES
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MAP NAME
DRIGGS

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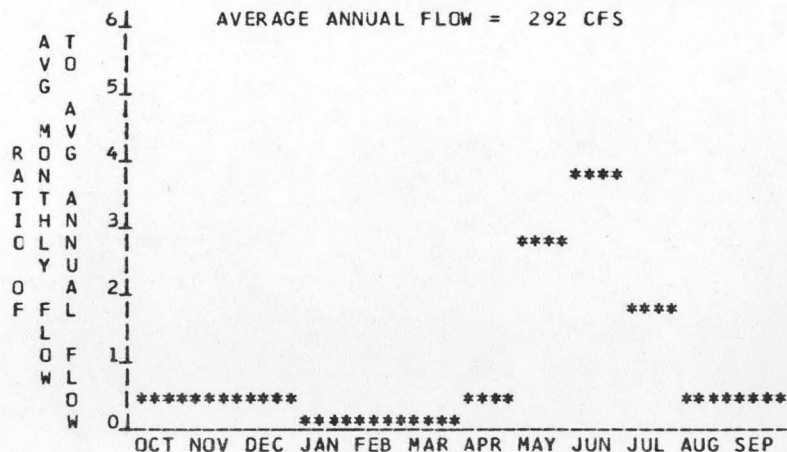
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	7605 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	7420 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	185 FT.
D. AVERAGE SLOPE IN REACH	45.1 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	232 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	51	0.81	7.11	1.00
80	72	1.14	9.64	0.96
50	105	1.66	12.58	0.86
30	183	2.88	16.87	0.67
10	907	14.23	36.75	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240315020R0006

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T42N R11W
D. LATITUDE, LONGITUDE	43 34 110 9
E. STREAM NAME	SG FK FISH CREEK
F. MAJOR BASIN NAME	GROS VENTRE RIVER
G. RIVER MILE	0.0 TO 8.0

LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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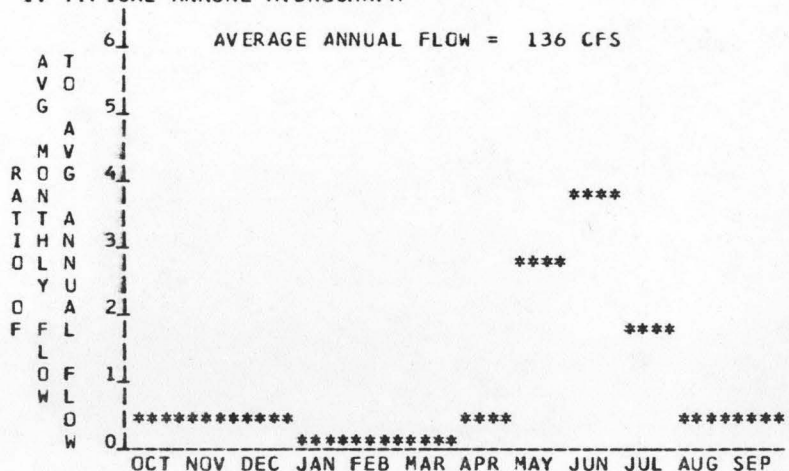
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	8040 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	7605 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	435 FT.
D. AVERAGE SLOPE IN REACH	54.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	137 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATIION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	21	0.93	8.11	1.00
80	34	1.48	12.32	0.95
50	51	2.20	16.43	0.85
30	88	3.76	21.88	0.66
10	408	17.34	45.68	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065 0024031 700QR0C04

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T44N R113W
D. LATITUDE, LONGITUDE	43 47 110 25
E. STREAM NAME	SPREAD CREEK
F. MAJOR BASIN NAME	SPREAD CREEK
G. RIVER MILE	4.5 TO 14.6

LOCATION MAPS

U.S. TOPO SERIES
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SCALE

MAP NAME
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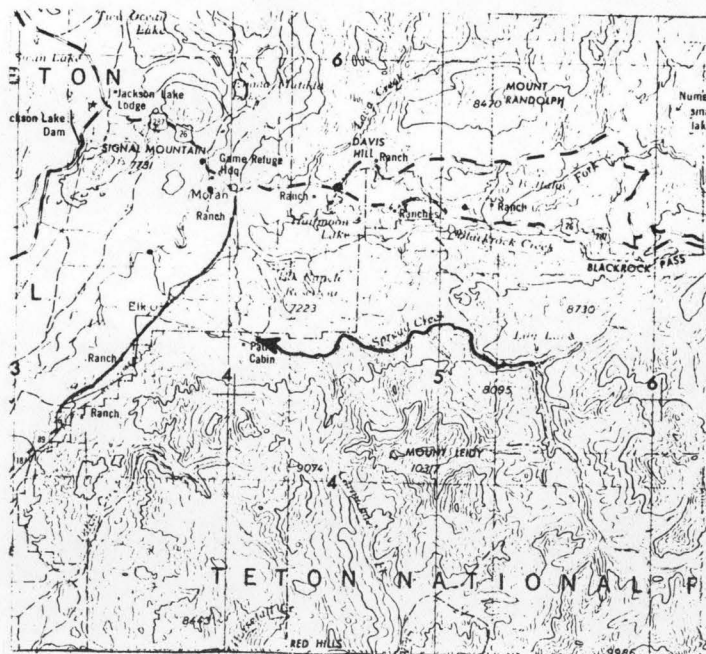
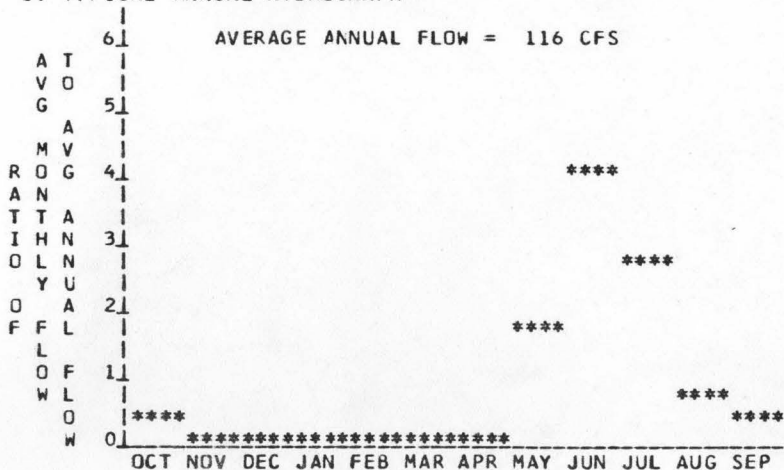
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	7760 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	7120 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	640 FT.
D. AVERAGE SLOPE IN REACH	63.4 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	103 SQ. MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	18	1.09	9.55	1.00
80	29	1.79	14.86	0.95
50	44	2.67	19.90	0.85
30	76	4.55	26.47	0.66
10	345	20.70	54.77	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065C024C319000R0C02

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R114W
 D. LATITUDE, LONGITUDE 43 49 110 28
 E. STREAM NAME BUFFALO FORK
 F. MAJOR BASIN NAME BUFFALO FORK
 G. RIVER MILE 0.0 TO 6.4

LOCATION MAPS

U.S. TOPO SERIES * X
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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6768 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6717 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 51 FT.
 D. AVERAGE SLOPE IN REACH 8.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 366 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

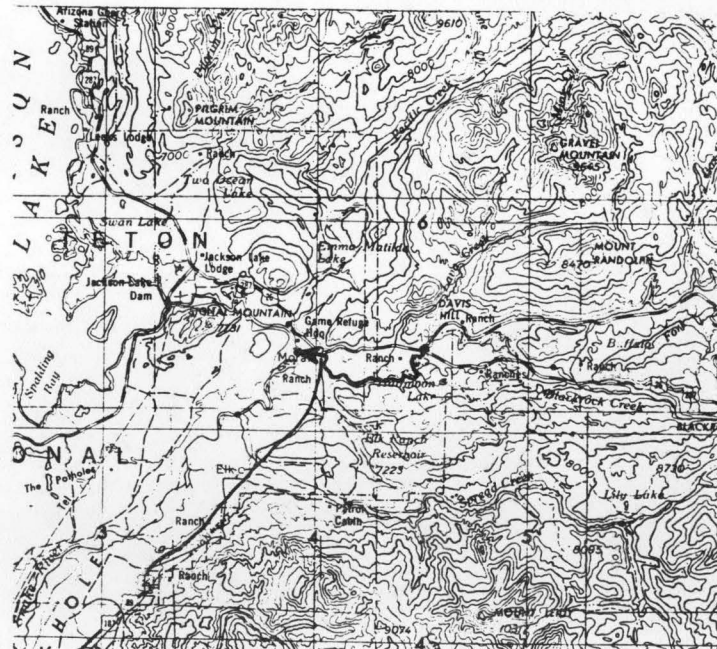
EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	117	0.51	4.44	1.00
80	146	0.64	5.42	0.97
50	208	0.90	6.93	0.88
30	367	1.59	9.34	0.67
10	1932	8.35	21.19	0.29

IV TYPICAL ANNUAL HYDROGRAPH

AVERAGE ANNUAL FLOW = 601 CFS

MONTH	FLOW (CFS)
AT	61
VO	1
G	51
A	1
MV	1
ROG	41
AN	1
TTA	1
IHN	31
OLN	1
OYU	1
OFA	21
FL	1
LOF	1
W	0

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240319000R0004

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R113W
 D. LATITUDE, LONGITUDE 43 49 110 24
 E. STREAM NAME BUFFALO FORK
 F. MAJOR BASIN NAME BUFFALO FORK
 G. RIVER MILE 6.4 TO 11.1

LOCATION MAPS

U.S. TOPO SERIES X
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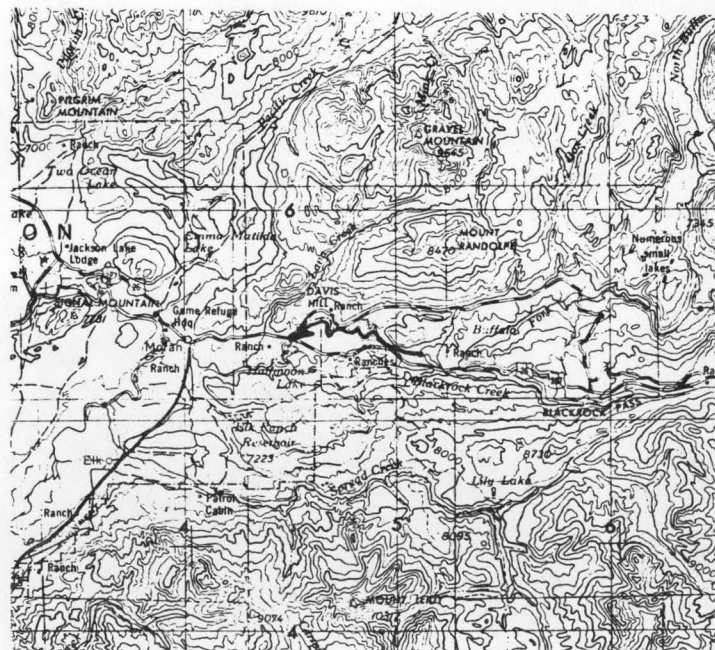
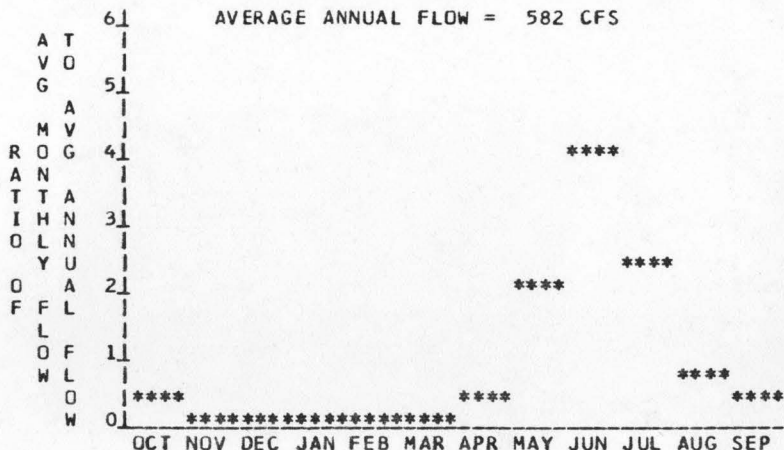
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 6810 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6768 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 42 FT.
 D. AVERAGE SLOPE IN REACH 8.9 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 325 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	113	0.40	3.53	1.00
80	142	0.51	4.32	C.97
50	202	0.72	5.53	C.88
30	356	1.27	7.46	0.67
10	1868	6.65	16.89	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240319000R0C06

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R112W
 D. LATITUDE, LONGITUDE 43 51 110 17
 E. STREAM NAME BUFFALO FORK
 F. MAJOR BASIN NAME BUFFALO FORK
 G. RIVER MILE 11.1 TO 23.2

LOCATION MAPS

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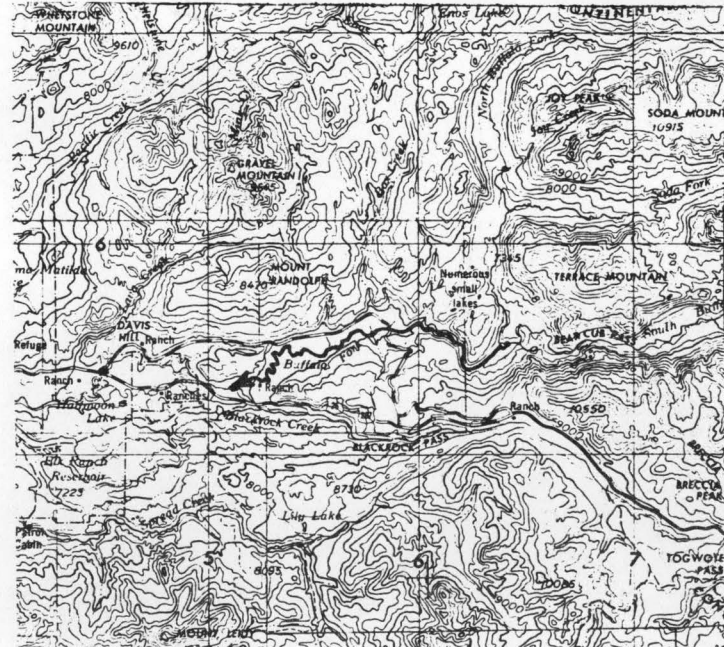
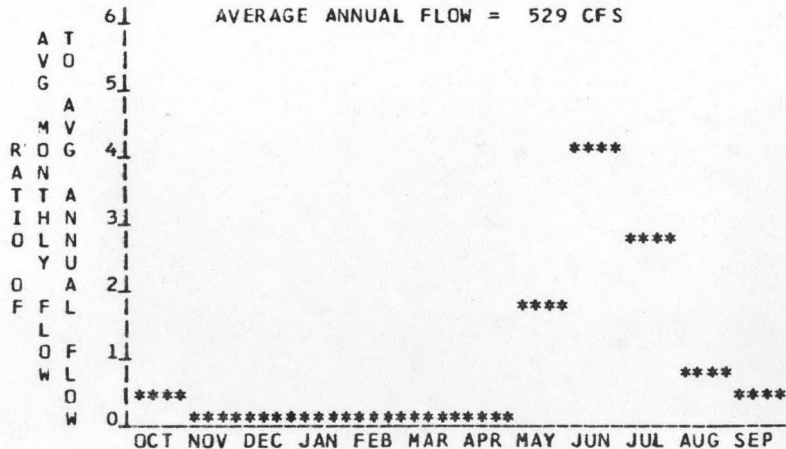
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7040 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6810 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 230 FT.
 D. AVERAGE SLOPE IN REACH 19.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 265 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	101	1.98	17.33	1.00
80	129	2.53	21.52	0.97
50	184	3.60	27.63	0.88
30	325	6.33	37.21	0.67
10	1689	32.92	83.79	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065C0240319020R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R111W
 D. LATITUDE, LONGITUDE 43 51 110 10
 E. STREAM NAME SOUTH BUFFALO FORK
 F. MAJOR BASIN NAME BUFFALO FORK
 G. RIVER MILE 0.0 TO 9.3

LOCATION MAPS

U.S. TOPO SERIES
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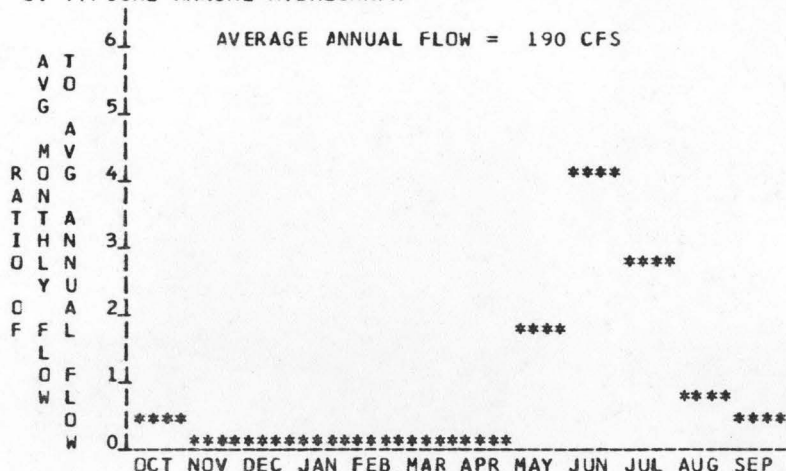
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7720 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7040 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 680 FT.
 D. AVERAGE SLOPE IN REACH 73.1 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MCUTH 133 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	2.02	17.64	1.00
80	48	3.04	25.48	0.96
50	70	4.48	33.66	0.86
30	121	7.71	44.97	0.67
10	579	36.62	95.63	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240319030R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R11W
 D. LATITUDE, LONGITUDE 43 53 110 12
 E. STREAM NAME NORTH BUFFALO FORK
 F. MAJOR BASIN NAME BUFFALO FORK
 G. RIVER MILE 0.0 TO 6.0

LOCATION MAPS

U.S. TOPO SERIES X
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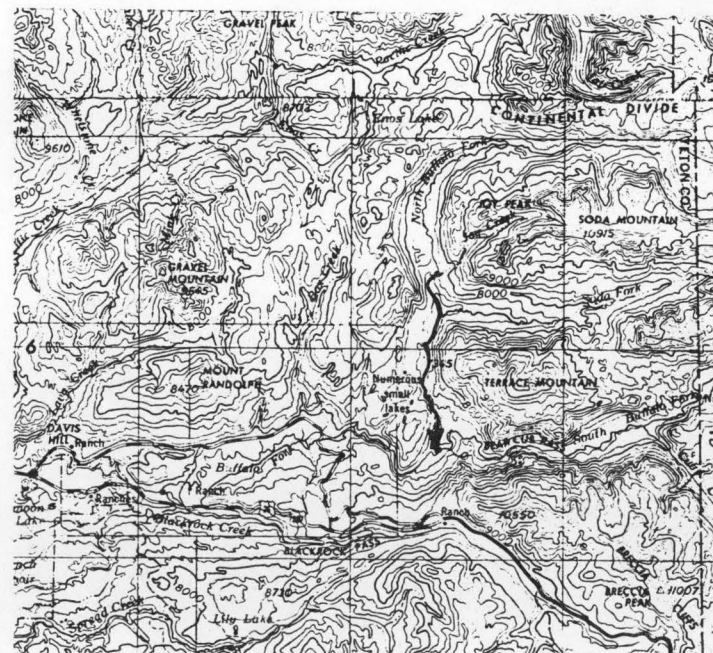
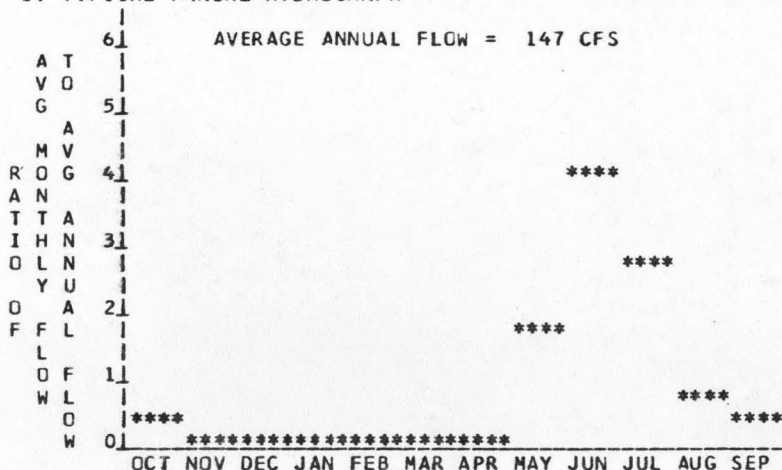
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7520 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7040 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 480 FT.
 D. AVERAGE SLOPE IN REACH 80.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 84 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	23	1.10	9.61	1.00
80	37	1.73	14.43	0.95
50	55	2.57	19.20	0.85
30	94	4.39	25.59	0.67
10	440	20.40	53.63	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024C321000R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY TETON
 C. TOWNSHIP, RANGE T45N R114W
 D. LATITUDE, LONGITUDE 43 52 110 30
 E. STREAM NAME PACIFIC CREEK
 F. MAJOR BASIN NAME PACIFIC CREEK
 G. RIVER MILE 0.0 TO 20.2

LOCATION MAPS
 U.S. TOPO SERIES
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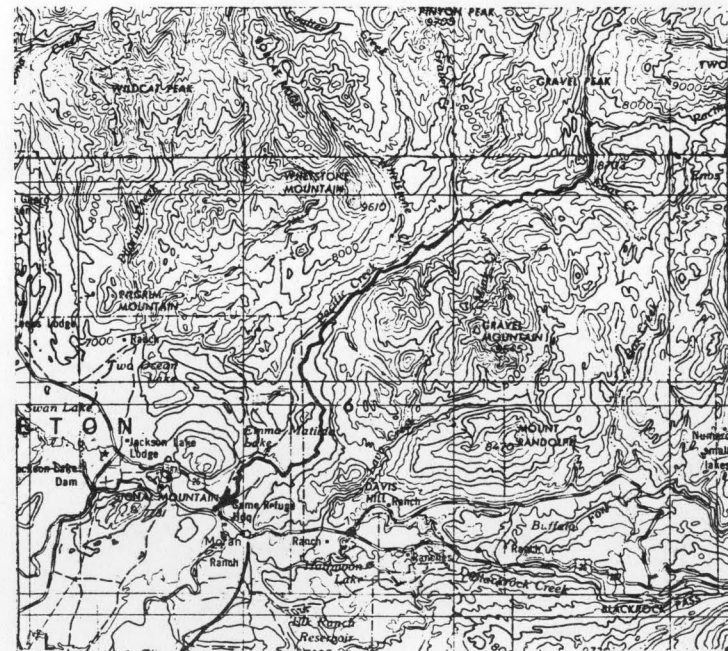
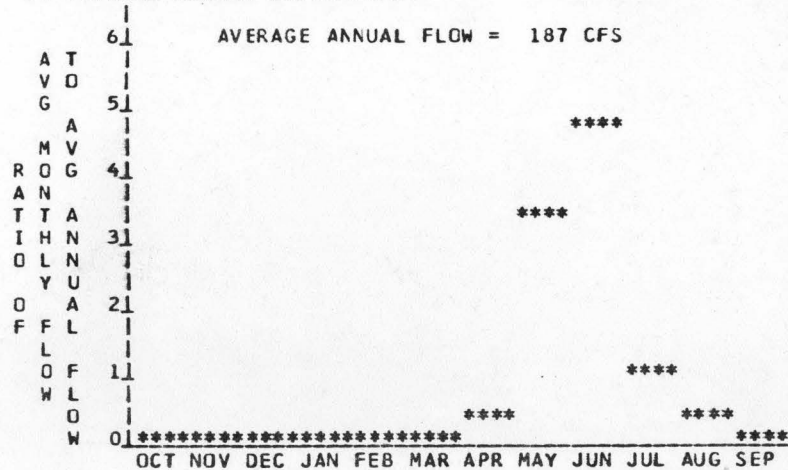
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7480 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6720 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 760 FT.
 D. AVERAGE SLOPE IN REACH 37.6 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 168 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	31	2.20	19.18	1.00
80	47	3.32	27.78	0.96
50	69	4.89	36.71	0.86
30	120	8.40	49.03	0.67
10	569	39.88	104.17	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240323000R0002

I LOCATION

A. STATE WYOMING
 B. COUNTY PARK
 C. TOWNSHIP, RANGE T49N R115W
 D. LATITUDE, LONGITUDE 44 11 110 39
 E. STREAM NAME LEWIS RIVER
 F. MAJOR BASIN NAME LEWIS RIVER
 G. RIVER MILE 0.0 TO 10.2

LOCATION MAPS

U.S. TOPD SERIES
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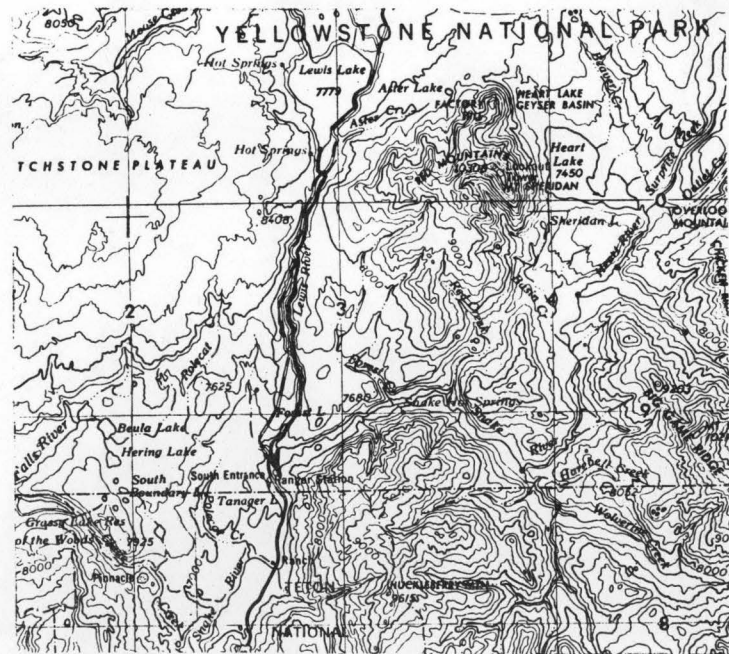
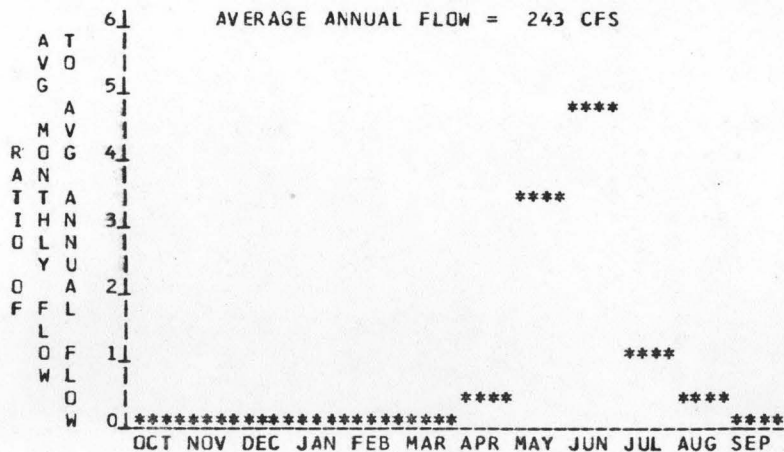
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7760 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 6860 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 900 FT.
 D. AVERAGE SLOPE IN REACH 88.2 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 179 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	42	3.22	28.08	1.00
80	61	4.66	39.12	0.96
50	89	6.80	51.32	0.86
30	154	11.76	68.69	0.67
10	748	57.08	148.10	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065C0240325000R0002

I LOCATION

A. STATE	WYOMING
B. COUNTY	TETON
C. TOWNSHIP, RANGE	T48N R114W
D. LATITUDE, LONGITUDE	44 7 110 30
E. STREAM NAME	COULTER CREEK
F. MAJOR BASIN NAME	COULTER CREEK
G. RIVER MILE	0.0 TO 1.7

LOCATION MAPS

U.S. TOPO SERIES
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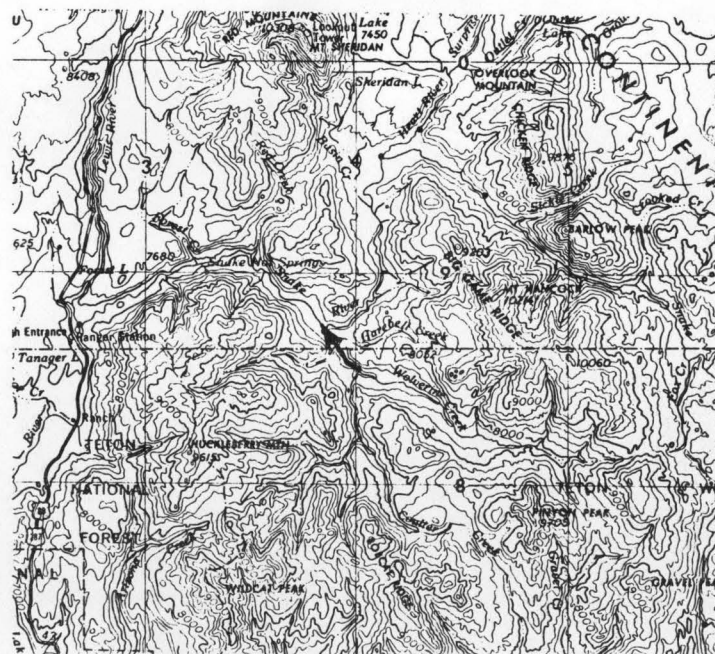
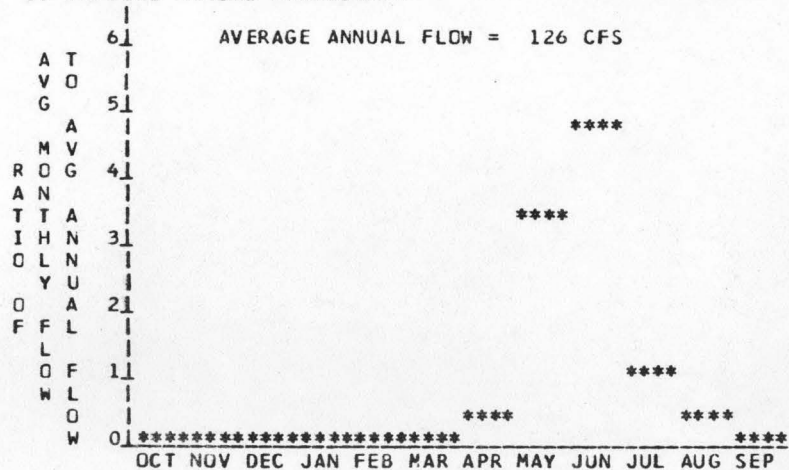
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH	7160 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	7060 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	100 FT.
D. AVERAGE SLOPE IN REACH	58.8 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	78 SQ.MI.
F. INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	20	0.28	2.47	1.00
80	32	0.46	3.79	0.95
50	48	0.68	5.07	0.85
30	82	1.16	6.74	0.66
10	377	5.31	14.02	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240327000R0C02

I LOCATION

A. STATE WYOMING
 B. COUNTY PARK
 C. TOWNSHIP, RANGE T49N R113W
 D. LATITUDE, LONGITUDE 44 14 110 27
 E. STREAM NAME HEART RIVER
 F. MAJOR BASIN NAME HEART RIVER
 G. RIVER MILE 0.0 TO 1.2

LOCATION MAPS

U.S. TGPO SERIES
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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A. UPSTREAM ELEVATION OF REACH 7320 FT. MSL
 B. DOWNSTREAM ELEVATION OF REACH 7230 FT. MSL
 C. TOTAL AVAILABLE HEAD IN REACH 90 FT.
 D. AVERAGE SLOPE IN REACH 75.0 FT./MI.
 E. DRAINAGE AREA ABOVE REACH MOUTH 59 SQ.MI.
 F. INFLOW CLASSIFICATION NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	15	0.20	1.78	1.00
80	25	0.34	2.83	0.95
50	38	0.51	3.81	0.85
30	65	0.87	5.06	0.66
10	295	3.91	10.39	0.30

IV TYPICAL ANNUAL HYDROGRAPH

