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

VOLUME H
APPENDIX III
IDAHO, NEVADA, AND WYOMING REACH DATA TABLES

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.

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TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles *
03-250-000-000	BEAR	RIVER	BASIN					
Bear R Main Stem								
000R0002					<1	46 (IP)	1,2,3	2
000R0004					<1	230 (U)	1,2	9
000R0009					3	138 (U)	1,3	17
000R0010					1	46 (U)	1,3	7
000R0011					<1	138 (U)	1,3	6
000R0013					2	46 (U)	1,3	3
000R0014		X			<1	46 (U)	1,3	12
000R0020		X			<1	69 (U)	1,2,3	8
000R0022		X			3	345 (PPL)	1,2,3	15
03-250-010-000	BEAR	RIVER	TRIBUTARIES					
Malad River								
000R0001		X			<1	138 (U)	1,3	12

IP = Idaho Power Company U = Utah Power Company PPL = Pacific Power & Light Co.

* Distance in air miles to nearest city with population greater than 1000

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-500-000	KOOTENAI	RIVER	BASIN					
Kootenai River								
000R0002		X			<1	115 (B)	1,2,3	10
03-500-500-010	KOOTENAI	RIVER	TRIBUTARIES					
Boundary Creek								
000R0001	X				22	25 (BF)	1,3	24
03-500-500-020								
Smith Creek								
000R0001					21	25 (BF)	1,3	20
03-500-500-090								
Deep Creek								
000R0002	X	X			4	115 (B)	1,3	4
000R0004		X			2	115 (B)	1,3	4
000R0006		X			1	115 (B)	1	5
03-500-500-100								
Moyie River								
000R0001	X				1	25 (BF)	1,2	7
000R0005	X				5	25 (BF)	1,2	10
000R0007	X	X			10	25 (BF)	None	14
000R0009	X	X			16	25 (BF)	1,2	19

B = Bonneville Power Administration

BF = City of Bonners Ferry

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-500-110 Boulder Creek	KOOTENAI	RIVER	TRIBUTARIES	(continued)				
000R0001					2	115 (B)	None	13
000R0003					4	115 (B)	None	12

B = Bonneville Power Administration

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-480-251	PEND	OREILLE	RIVER	TRIBUTARIES				
Priest River								
000R0002	X	X	X		<1	115 (B)	1,2	1
000R0004	X	X			2	34.5 (NL)	1	8
000R0006	X				2	34.5 (NL)	1	15
000R0008	X				1	34.5 (NL)	1	20
000R0010	X				19	34.5 (NL)	none	26
000R0012	X				17	230 (B)	none	32
	LOWER W. PRIEST	BRANCH RIVER						
010R0001					2	115 (B)	1,2	3
	UPPER W. PRIEST	BRANCH RIVER						
030R0001					5	34.5 (NL)	1	17
Granite Creek								
060R001		X			11	34.5 (NL)	1	29
Hughes Fork								
100R0001					19	230 (B)	none	30
03-500-480-275								
Pack River								
000R0002					7	115 (B)	1,2	9

NL = Northern Lights, Inc.

B = Bonneville Power Administration

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-480-275	PEND	OREILLE	RIVER	TRIBUTARIES (continued)				
Pack River								
000R0004					3	115 (B)	1,2	8
000R0006		X			<1	115 (B)	1,2	10
000R0008					5	115 (B)	1,2	13
000R0010					7	115 (B)	none	17
03-500-480-350								
Lightning Creek								
010R0001	X	X			6	115 (W)	1,2	19
010R0003					10	115 (W)	none	17

W = Washington Water Power Co.

B = Bonneville Power Administration

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-420-000 Spokane River 000R0001	SPOKANE	RIVER	BASIN					
03-500-420-504 Coeur d'Alene R.	SPOKANE	RIVER	TRIBUTARIES					
000R0002		X	X		1	230 (W)	1,2,3	11
000R0004		X	X		<1	115 (W)	1,2	10
000R0008		X	X		<1	115 (W)	1,2	5
000R0010		X	X		1	115 (W)	1,2	3
000R0012		X			3	230 (W)	1	4
000R0014		X			2	230 (W)	1	7
000R0018		X			<1	230 (W)	1	9
000R0024		X			3	230 (W)	1,2	13
000R0026					5		none	18
000R0027					12		none	27
Latour Creek 000R0005		X	X		<1	230 (W)	1,2	6

W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-420-504-	SPOKANE	RIVER	TRIBUTARIES	(continued)				
South Fork Coeur d' Alene R.								
010R0002		X	X		<1	115 (W)	1,2	1
010R0004		X	X		<1	115 (W)	1,2	<1
010R0008		X	X		<1	115 (W)	1,2	<1
010R0010					<1	115 (W)	1,2	<1
Pine Creek								
010R0001		X	X		1	230 (W)	1,2	1
North Fork Coeur d'Alene R.								
020R0002		X			7	115 (W)	none	15
020R0004		X			11	115 (W)	none	11
Beaver Creek								
000R0019		X			3	230 (W)	1,2	9
Prichard Creek								
000R0021		X			4	230 (W)	1,2	10
Shoshone Creek								
00R0025					<1	230 (W)	none	16
Teepee Creek								
000R0030		X			12	115 (W)	none	24
000R0034		X			12	115 (W)	none	23

W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-420-504	SPOKANE	RIVER	TRIBUTARIES	(continued)				
Independence Cr.								
000R0032					11	115 (W)	none	25
03-500-420-502								
St. Joe River								
000R0002	X	X	X		5	115 (W)	1,2,3	3
000R0004	X	X	X		10	115 (W)	1,2	6
000R0006	X	X			11	115 (W)	1	15
000R0008	X	X			6	500 (B)	1	18
000R0012	X	X			2	500 (B)	none	15
000R0016	X	X			2	500 (B)	none	16
000R0020	X	X			3	500 (B)	none	15
000R0026	X	X			1	115 (CM)	1	15
000R0030	X	X			3	115 (CM)	1	16
000R0034	X	X			9	115 (CM)	none	19
000R0036	X	X			14	115 (CM)	none	25
000R0038	X	X			14	115 (CM)	none	29
000R0042	X	X			18	115 (CM)	none	35
000R0044	X				20	115 (CM)	none	37

CM = Chicago, Milwaukee, St. Paul & Pacific RR B = Bonneville Power W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-420-502-	SPOKANE	RIVER	TRIBUTARIES (continued)					
St. Maries River								
010R0002		X	X		9	60 (CW)	1,2,3	3
010R0004		X			4	60 (CW)	1	7
010R0006		X			<1	60 (CW)	1	14
010R0008		X			6	60 (CW)	1	22
010R0010		X			1	500 (B)	1,2	27
Santa Creek								
010R0005		X			2	60 (CW)	1	11
Big Creek								
000R0011					6	500 (B)	1	15
Marble Creek								
000R0013		X			<1	500 (B)	none	20
Slate Creek								
000R0017					<1	500 (B)	none	13
Fishhook Creek								
000R0023					2	115 (CM)	none	15
North Fork								
St. Joe River								
000R0027	X	X			<1	115 (CM)	1	11
Sister's Creek								
000R0031					5	115 (CM)	none	18
Simmon's Creek								
000R0041					14	115 (CM)	none	30

CW = Clearwater Power Co. B = Bonneville Power Administration CM - Chicago, Milwaukee, St. Paul & Pacific RR

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-000	SNAKE	RIVER	MAIN	STEM	IDAHO			
000R0002	X	X		X	5	230 (W)	1	7
000R0004	X			X	9	230 (W)	none	21
000R0006	X			X	5	230 (W)	none	27
000R0008	X			X	2	230 (W)	none	26
000R0010	X			X	10	230 (IP)	none	24
000R0011	X			X	9	230 (IP)	none	30
000R0012		X		X	2	69 (IP)	1,2,3	3
000R0014		X		X	5	69 (IP)	1,2,3	6
000R0016		X		X	2	138 (IP)	1,2,3	5
000R0018		X		X	2	69 (IP)	1,2,3	6
000R0019		X	X	X	3	69 (USBR)	1,2	9
000R0020		X	X	X	2	23 (IP)	1,2	6
000R0021		X		X	3	69 (IP)	1,2	18
000R0022	X	X		X	2	46 (IP)	1,2	30
000R0023	X	X		X	2	69 (IP)	1,2	19
000R0024		X			2	69 (IP)	1,2,3	17
000R0025		X			<1	46 (IP)	1,2,3	23
000R0026					1	230 (IP)	1,3	2
000R0027					<1	138 (IP)	1,3	13
000R0028					1	138 (IP)	1,2,3	5
000R0030					1	138 (IP)	1,2,3	5
000R0032					1	46 (IP)	1,2,3	10
000R0034	X				1	138 (IP)	1,2,3	5

W = Washington Water Power Co. IP = Idaho Power Co. USBR = U.S. Bureau of Reclamation

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-000	SNAKE	RIVER	MAIN	STEM -	IDAHO	(continued)		
000R0038	X	X			3	46 (IP)	1,2,3	13
000R0040		X	X		2	345 (US)	1,2,3	2
000R0042		X	X		1	46 (U)	1,2,3	7
000R0044	X	X	X		<1	46 (U)	1,2,3	<1
000R0045		X			3	69 (U)	1,2,3	6
000R0046		X			1	69 (U)	1,2,3	10
000R0048					2	69 (U)	1,2,3	6
000R0050		X	X		3	69 (U)	1,3	6
000R0052		X			3	69 (U)	1,3	5
000R0054		X			10	69 (U)	1,3	10
000R0056					6	115 (B)	3	21
000R0058		X			<1	115 (B)	1,3	24

U = Utah Power & Light Co. B = Bonneville Power Administration I = Idaho Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-000	SNAKE	RIVER	MAIN	STEM -	WYOMING			
000R0002		X			<1	115 (LV)	1	21
000R0004					<1	115 (LV)	none	15
000R0006		X			<1	115 (LV)	1	8
000R0008		X			3	115 (LV)	1	5
000R0010	X	X			<1	69 (LV)	1	5
000R0012	X	X			4	69 (LV)	1,2	9
000R0014	X	X			2	69 (LV)	1,2	20
000R0016	X	X	X		2	69 (LV)	1,2	26
000R0018	X	X	X		<1	24.9 (LV)	1,2	29
000R0022	X	X			<1	24.9 (LV)	none	38
000R0024	X				5	24.9 (LV)	none	43
000R0026	X				9	24.9 (LV)	none	47
000R0028	X				12	24.9 (LV)	none	51

LV = Lower Valley Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-020 Palouse River	PALOUSE	RIVER	BASIN					
000R0002		X	X		<1	230 (W)	1,2	4
000R0004		X	X		1	60 (CW)	1,2	8
000R0006		X	X		5	60 (CW)	1,2	13
000R0008		X			8	60 (CW)	1,2	17

W = Washington Water Power Co.

CW = Clearwater Power Co. (Coop)

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	BASIN					
Clearwater River								
000R0002	X	X	X	X	<1	230 (W)	1,2,3	4
000R0010	X	X	X	X	<1	115 (W)	1,2,3	18
000R0020	X	X	X	X	<1	115 (W)	1,2,3	6
000R0022	X	X	X	X	<1	115 (W)	1,2	2
000R0024		X	X	X	<1	115 (W)	1,2	4
000R0026		X	X	X	4	115 (W)	1,2	7
000R0028	X	X	X	X	<1	115 (W)	1,2	3
	CLEARWATER	RIVER	TRIBUTARIES					
Potlatch River								
005R0002		X	X	X	2	115 (W)	1,2,3	17
005R0004		X	X	X	3	115 (W)	1,2	20
005R0006				X	2	115 (W)	1,2	22

W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	TRIBUTARIES	(continued)				
North Fork Clearwater River								
010R0025					24	115 (W)	none	26
010R0030		X			25	115 (W)	none	27
010R0034		X			22	115 (W)	none	23
010R0038		X			16	115 (W)	none	17
010R0042					19	115 (W)	none	19
010R0050		X			25	115 (W)	none	25
010R0052		X			25	115 (CM)	none	37
010R0054					20	115 (CM)	none	41
Elk Creek								
010R0004					5	23 (W)	1,2	17
Reed Creek								
010R0008					8	115 (W)	none	12
Breakfast Creek								
010R0016					12	23 (W)	none	29
Little N. Fork Clearwater River								
010R0020					22	115 (CM)	none	32
010R0022					14	115 (CM)	none	39.
Beaver Creek								
010R0026		X			26	115 (W)	none	24

CM = Chicago, Milwaukee, St. Paul, and Pacific RR

W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	TRIBUTARIES	(continued)				
Skull Creek 010R0028					28	115 (W)	none	30
Quartz Creek 010R0032					27	115 (W)	none	28
Orogrande Creek 010R0040			X		15	115 (W)	none	15
Weitas Creek 010R0044					17	115 (W)	none	17
010R0046					21	115 (W)	none	21
Fourth of July Creek 010R0048					25	115 (W)	none	25
Kelly Creek 010R0056		X			28	115 (CM)	none	35
010R0058					23	115 (CM)	none	42
Cayuse Creek 010R0060		X			30	115 (CM)	none	36
010R0062					32	115 (CM)	none	37
Orofino Creek 012R0002		X	X	X	2	24.9 (CW)	1,2	6

CM = Chicago, Milwaukee, St. Paul & Pacific RR W = Washington Water Power Co CW = Clearwater Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	TRIBUTARIES	(continued)				
Lolo Creek								
014R0002				X	5	115 (W)	1,2	5
014R0004				X	10	115 (W)	1,2	14
Middle Fork Clearwater								
020R0240	X	X		X	<1	34.5 (IC)	1,2	13
Lochsa River								
020R0010	X	X		X	15	34.5 (IC)	none	25
020R0020	X	X		X	27	34.5 (IC)	none	28
020R0025	X	X		X	37	34.5 (IC)	none	37
020R0040	X	X		X	31	69 (M)	none	35
Old Man Creek								
020R0005	X			X	18	34.5 (IC)	1,2	26
Fish Creek								
020R0015				X	22	34.5 (IC)	none	23
Boulder Creek								
020R0012	X			X	22	34.5 (IC)	none	23
Lake Creek								
020R0035	X			X	34	69 (M)	none	36
Warm Springs Cr.								
020R0030	X			X	39	115 (W)	none	39

IC = Idaho County Light & Power Assn. M = Montana Power Co. W = Washington Water Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	TRIBUTARIES (continued)					
Crooked Fork Cr.								
020R0055		X		X	26	69 (M)	none	32
020R0045		X		X	29	69 (M)	none	33
Bushy Fork								
020R0050				X	20	69 (M)	none	29
White Sand Creek								
020R0065				X	21	69 (M)	none	25
Big Sand Creek								
020R0070	X			X	21	69 (M)	none	23
Storm Creek								
020R0060	X			X	19	69 (M)	none	25
Selway River								
020R0100	X	X		X	9	34.5 (IC)	none	24
020R0105	X	X		X	17	34.5 (IC)	none	33
020R0125	X			X	27	34.5 (IC)	none	43
020R0130	X			X	35	34.5 (IC)	none	41
020R0135	X			X	34	69 (M)	none	37
020R0200	X			X	32	69 (M)	none	37
020R0210	X			X	30	69 (M)	none	43
020R0220	X	X		X	32	69 (M)	none	42
020R0230	X	X		X	34	69 (M)	none	47
020R0235	X	X		X	37	69 (M)	none	50

M = Montana Power Co.

IC = Idaho County Light & Power Assn.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040	CLEARWATER	RIVER	TRIBUTARIES	(continued)				
Meadow Creek								
020R0120	X	X		X	25	34.5 (IC)	none	40
020R0115	X	X		X	32	34.5 (IC)	none	45
Moose Creek								
020R0140	X			X	35	69 (M)	none	37
020R0155	X			X	36	69 (M)	none	37
East Fork Moose Creek								
020R0160	X			X	29	69 (M)	none	30
020R0170	X			X	25	69 (M)	none	25
North Fork Moose Creek								
020R0145	X			X	37	69 (M)	none	37
Lizard Creek								
020R0150	X			X	36	34.5 (IC)	none	40
Bear Creek								
020R0195	X			X	29	69 (M)	none	34
020R0185	X			X	26	69 (M)	none	30
Paradise Creek								
020R0190	X			X	26	69 (M)	none	32
Running Creek								
020R0205	X			X	33	69 (M)	none	41

IC = Idaho County Light & Power Assn.

M = Montana Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-040 CLEARWATER RIVER TRIBUTARIES (continued)								
White Cap Creek 020R0215	X	X		X	25	69 (M)	none	35
Litte Clearwater River 020R0225				X	36	69 (M)	none	46
South Fork Clearwater River								
025R0002	X	X	X	X	<1	110 (W)	1,2	8
025R0006	X	X	X	X	2	110 (W)	1,2	9
025R0010		X		X	5	110 (W)	1,2	9
025R0018		X		X	14	110 (W)	none	19
025R0022		X		X	19	110 (W)	2	25
025R0026		X		X	22	110 (W)	2	27
025R0028					25	13 (W)	none	30
Johns Creek 025R0014		X		X	9	110 (W)	none	15
American River 025R0032		X			40	13 (W)	none	35
Red River 025R0030		X	X		35	13 (W)	none	40

W = Washington Water Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080 Salmon River	SALMON	RIVER	BASIN					
000R0002	X			X	<1	230 (IP)	1	16
000R0004	X			X	5	34.5 (IC)	2	11
000R0008	X	X		X	15	23 (I)	2	23
000R0010	X	X		X	11	23 (IP)	2	34
000R0014	X	X		X	19	23 (IP)	2	34
000R0016	X	X		X	27	23 (IP)	2	37
000R0020	X			X	35	23 (IP)	2	43
000R0024	X			X	38	69 (IP)	2	47
000R0026	X			X	44	69 (IP)	2	49
000R0030	X			X	45	69 (IP)	2	56
000R0034	X			X	38	69 (IP)	2	57
000R0038	X			X	31	69 (IP)	2	50
000R0042	X	X		X	21	69 (IP)	2	39
000R0044	X	X		X	13	69 (IP)	2	31
000R0046	X	X		X	13	69 (IP)	2	22
000R0048		X	X	X	<1	34.5 (IP)	1,2,3	10
000R0050		X		X	<1	34.5 (IP)	1,2,3	11
000R0052		X		X	<1	24.9 (SR)	1,3	28
000R0054		X		X	<1	24.9 (SR)	1	39
000R0056		X		X	<1	24.9 (SR)	1,2,3	50
000R0060		X		X	<1	24.9 (SR)	1	57

IP = Idaho Power Co. IC = Idaho County Light & Power Assn. SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
035-500-240-080	SALMON	RIVER	MAIN	STEM	(continued)			
000R0062		X		X	<1	24.9 (SR)	1,2	43
000R0066		X		X	<1	24.9 (SR)	1,2	40
000R0068	X	X		X	<1	24.9 (SR)	1,2	42
000R0070	X	X		X	<1	24.9 (SR)	1,2	43
000R0078	X	X		X	<1	24.9 (SR)	1,2	46
000R0082	X	X		X	<1	24.9 (SR)	1,2	40
000R0084	X	X		X	<1	24.9 (SR)	1	33

IP = Idaho Power Co.

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080	SALMON	RIVER	TRIBUTARIES					
Slate Creek								
002R0006				X	10	34.5 (IC)	1,3	21
L. Salmon River								
010R0004		X		X	<1	23 (IP)	1	27
010R0008		X		X	<1	23 (IP)	1	12
Rapid River								
010R0002				X	2	23 (IP)	1	34
Hazard Creek								
010R0006				X	<1	23 (IP)	1,3	21
French Creek								
012R0012				X	14	23 (IP)	1	34
Crooked Creek								
015R0018				X	35	23 (IP)	3	40
Warren Creek								
018R0022				X	35	23 (IP)	3	41
South Fork Salmon River								
020R0002				X	25	69 (IP)	3	39
020R0004				X	15	69 (IP)	3	26
020R0012		X		X	11	69 (IP)	3	19
020R0014		X		X	5	69 (IP)	1	24

IC = Idaho County Light & Power Assn.

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080	SALMON	RIVER	TRIBUTARIES	(continued)				
Secesh River								
020R0006				X	21	69 (IP)	none	22
020R0008				X	24	23 (IP)	none	27
020R0010				X	22	23 (IP)	3	26
E. Fork/S. Fork Salmon River								
020R0016		X		X	6	69 (IP)	1,3	24
020R0008				X	4	23 (IP)	3	35
Johnson Creek								
020R0020		X		X	<1	69 (IP)	1,3	30
020R0022		X		X	<1	69 (IP)	none	29
Bargamin Creek								
022R0028				X	48	69 (IP)	none	52
Sabe Creek								
024R0032				X	43	69 (IP)	none	59
Chamberlain Creek								
026R0036				X	38	69 (IP)	none	55
Horse Creek								
028R0040				X	27	69 (IP)	none	42

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080 Middle Fork Salmon River	SALMON	RIVER	TRIBUTARIES	(continued)				
030R0002	X			X	18	69 (IP)	none	38
030R0014	X			X	15	69 (IP)	none	42
030R0016	X			X	24	69 (IP)	none	44
030R0024	X			X	28	69 (IP)	none	48
030R0032	X			X	23	69 (IP)	none	57
030R0034	X			X	20	69 (IP)	none	55
030R0040	X			X	15	69 (IP)	none	49
030R0046	X			X	20	69 (IP)	none	47
030R0048	X			X	24	24.9 (SR)	none	51
Big Creek						-		
030R0004				X	24	69 (IP)	none	45
030R0008				X	23	69 (IP)	none	55
030R0012				X	20	69 (IP)	3	48
Rush Creek 030R0006				X	26	69 (IP)	none	48
Monumental Creek 030R0010				X	17	69 (IP)	none	48
Camas Creek								
030R0018				X	20	69 (IP)	none	39
030R0022				X	19	24.9 (SR)	none	38

IP = Idaho Power Company

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080	SALMON	RIVER	TRIBUTARIES (continued)					
Yellowjacket Cr.								
030R0020				X	19	69 (IP)	none	39
Loon Creek								
030R0026				X	32	24.9 (SR)	none	54
030R0030				X	26	24.9 (SR)	none	59
Warm Springs Cr.								
030R0028				X	25	24.9 (SR)	none	54
Marble Creek								
030R0036				X	19	69 (IP)	none	56
Indian Creek								
030R0038				X	14	69 (IP)	none	49
Pistol Creek								
030R0042				X	15	69 (IP)	none	47
Rapid River								
030R0044				X	20	69 (IP)	none	53
Bear Valley Cr.								
030R0050				X	22	24.9 (SR)	none	52
030R0052				X	25	24.9 (SR)	none	49
Panther Creek								
040R0002				X	12	69 (IP)	none	26
040R0004				X	5	69 (IP)	none	21
North Fork Salmon River								
045R0002				X	12	34.5 (IP)	1	19

IP = Idaho Power Co.

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080	SALMON	RIVER	TRIBUTARIES	(continued)				
Lemhi River								
050R0002		X		X	<1	69 (IP)	1,2,3	2
050R0004		X		X	<1	69 (IP)	1,3	7
050R0008		X		X	<1	69 (IP)	1,3	23
050R0010		X		X	4	69 (IP)	1,2,3	30
050R0012		X		X	13	69 (IP)	1,2,3	39
050R0014				X	18	69 (IP)	1	44
Pahsimeroi River								
060R0002				X	<1	24.9 (SR)	1,3	38
060R0004				X	2	24.9 (SR)	1,3	43
060R0006				X	6	24.9 (SR)	1,3	49
060R0008				X	10	24.9 (SR)	1,3	55
Warm Springs Cr.								
070R0058				X	<1	24.9 (SR)	1,2	52
East Fork								
Salmon River								
080R0002		X		X	<1	24.9 (SR)	1	39
080R0004		X		X	<1	24.9 (SR)	1	35
080R0006				X	<1	24.9 (SR)	none	32
080R0008				X	4	24.9 (SR)	none	26
Squaw Creek								
082R0064				X	<1	24.9 (SR)	1	40

IP = Idaho Power Co.

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-080 SALMON RIVER TRIBUTARIES (continued)								
Warm Springs Cr.								
084R0072				X	2	24.9 (SR)	1	41
Yankee Fork								
085R0002		X		X	4	24.9 (SR)	1	48
085R0004		X		X	9	24.9 (SR)	none	52
Valley Creek								
088R0080	X			X	<1	14.4 (SR)	1	50

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-105 Wildhorse River 000R0002	WILDHORSE	RIVER	BASIN		3	230 (IP)	none	33

IP = Idaho Power

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-140	WEISER	RIVER	BASIN					
Weiser River								
000R0001		X			3	69 (IP)	1,2,3	3
000R0003					8	69 (IP)	1,2,3	9
000R0005		X			4	69 (IP)	1,2,3	14
000R0007		X			1	69 (IP)	1,2,3	22
000R0009		X			<1	69 (IP)	1,2	27
000R0011		X			5	69 (IP)	1	29
000R0013		X			1	69 (IP)	1,3	22
000R0015		X			<1	69 (IP)	1	19
000R0017		X			2	69 (IP)	1	18
000R0019		X			<1	69 (IP)	1,2	16
	WEISER	RIVER	TRIBUTARIES					
Little Weiser R.								
060R0001					<1	69 (IP)	1,2	31
Middle Fork								
Weiser River								
100R0001					1	69 (IP)	1	25
Hornet Creek								
120R0001					3	69 (IP)	1	22

IP = Idaho Power Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-160	PAYETTE	RIVER	BASIN					
Payette River								
000R0001		X	X		<1	138 (IP)	1,2,3	6
000R0003		X	X		1	69 (IP)	1,2,3	8
000R0005					<1	69 (IP)	1,2,3	2
000R0011		X			<1	230 (IP)	1,2,3	11
000R0013		X			4	230 (IP)	1,2,3	16
000R0015		X			8	230 (IP)	1	19
000R0017					10	23 (IP)	1	27
	PAYETTE	RIVER	TRIBUTARIES					
Squaw Creek								
060R0001					<1	69 (IP)	1,3	14
060R0003					1	69 (IP)	1	22
060R0005					5		none	27
North Fork								
Payette River								
100R0001		X			5		1	29
100R0003		X			2		none	39
100R0005					<1		1,2	33
100R0007		X			<1		1,2	30
100R0011					4		1,2	7
100R0015		X			10	69 (IP)	1	10

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-160	PAYETTE	RIVER	TRIBUTARIES	(continued)				
Gold Fork River								
100R0021		X			<1	69 (IP)	1	14
100R0023					3		1	17
Lake Fork								
100R0031		X			<1	23 (IP)	1	8
100R0033					6	23 (IP)	1	6
South Fork								
Payette River								
180R0003					8	23 (IP)	1	30
180R0005					9	23 (IP)	1	38
180R0007					14	23 (IP)	1	42
180R0009					19	23 (IP)	none	46
180R0011					18	14.4 (SR)	none	54
180R0013					12	14.4 (SR)	none	61
180R0014	X				10	14.4 (SR)	none	60
Deadwood River								
180R0031					16	23 (IP)	none	
180R0032					18	69 (IP)	none	
180R0035					18		none	
Clear Creek								
180R0041					20	23 (IP)	none	

IP = Idaho Power Co.

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-160 Warm Springs Cr.	PAYETTE	RIVER	TRIBUTARIES	(continued)				
180R0051 Middle Fork Payette River					15	14.4 (SR)	none	
200R0021		X			10	69 (IP)	1	35
200R0023					7	69 (IP)	none	40
200R0025					9	69 (IP)	none	37

IP = Idaho Power Company

SR = Salmon River Electric Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-220	BOISE	RIVER	BASIN					
Boise River								
000R0001		X	X		1	69 (IP)	1,2,3	1
000R0002		X			<1	69 (IP)	1,2,3	7
000R0003		X	X		<1	46 (IP)	1,2,3	2
000R0004		X			1	46 (IP)	1,2,3	7
000R0005		X	X		1	46 (IP)	1,2,3	5
000R0006		X	X		<1	69 (IP)	1,2,3	<1
000R0007	X	X	X		<1	230 (IP)	1,2,3	6
000R0013		X			13	23 (IP)	none	24
	BOISE	RIVER	TRIBUTARIES					
Mores Creek								
030R0001		X			4	23 (IP)	none	7
030R0003		X			2	23 (IP)	none	17
Grimes Creek								
030R0007		X			1	23 (IP)	none	17
South Fork								
Boise River								
150R0001		X			12	25 (IP)	none	25
150R0003					7	115 (B)	none	19
150R0007		X			<1	24.9 (PPC)	1	36
150R0009		X			8	24.9 (PPC)	none	38

IP = Idaho Power Company B = Bonneville Power Admin. PPC = Prairie Power Coop, Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-220	BOISE	RIVER	TRIBUTARIES	(continued)				
South Fork Boise River								
150R0011					11	12.5 (PPC)	none	31
150R0013					11	14.4 (SR)	none	34
Big Smokey Creek								
150R0021		X			7	12.5 (PPC)	none	30
150R0023					10	12.5 (PPC)	none	27
North Fork Boise River								
170R0001					12	23 (IP)	none	32
170R0003					20	23 (IP)	none	42
170R0005					22	24.9 (PPC)	none	49
Middle Fork Boise River								
190R0001		X			16	23 (IP)	none	35
190R0003		X			15	24.9 (PPC)	none	46
190R0005		X			14	24.9 (PPC)	1,2	48
Queens River								
250R0001					15	24.9 (PPC)		49

PPC = Prairie Power Co-op Inc. SR = Salmon River Electric Coop, INc. B = Bonneville Power Admin.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-200	OWYHEE	RIVER	BASIN					
Owyhee River								
000R0002					45	12.5 (IP)	none	76
000R0004					35	12.5 (IP)	none	71
000R0006					28	12.5 (IP)	none	67
000R0008	X				17	12.5 (IP)	none	69
000R0010	X				6	12.5 (IP)	1,3	73
000R0012	X				2	12.5 (IP)	1,3	77
000R0013	X	X	X		1	12.5 (IP)	1,3	81
000R0014	X	X	X		<1	69 (IP)	1,3	74
	OWYHEE	RIVER	TRIBUTARIES					
Jordan Creek								
010R0002					6	69 (IP)	1,3	51
010R0004					10	69 (IP)	1,3	51
South Fork								
Owyhee River								
020R0002					40	12.5 (IP)	1,3	78
020R0004					33	12.5 (IP)	1,3	81
020R0006					22	12.5 (IP)	none	89
020R0008					18	12.5 (IP)	none	82
020R0010					18	12.5 (IP)	none	74

IP = Idaho Power

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-240	BRUNEAU	RIVER	BASIN					
Bruneau River								
000R0002	X				3	69 (IP)	1,3	16
000R0004	X				16	69 (IP)	none	28
	BRUNEAU	RIVER	TRIBUTARIES					
West Fork Bruneau River								
030R0002	X				26	69 (IP)	none	32
030R0004	X				26	69 (IP)	none	41
030R0006	X				23	69 (IP)	none	53
030R0008	X				14	69 (IP)	none	58
030R0009	X				10	69 (IP)	none	64
Jarbridge River								
030R0016					18	69 (IP)	none	47
030R0018					10	69 (IP)	none	49

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-242	WOOD	RIVER	BASIN					
Malad River								
000R0004	X	X			<1	46 (IP)	1,3	8
000R0006	X				<1	46 (IP)	1,3	6
000R0008		X			1	138 (IP)	1,2,3	5
Big Wood River								
010R0002					1	138 (IP)	1,3	5
010R0004	X				2	46 (IP)	1,2,3	2
010R0006					1	46 (IP)	1,2,3	<1
010R0008					4	46 (IP)	1,2	4
010R0010					<1	46 (IP)	3	18
010R0012		X			2	46 (IP)	none	20
010R0014			X		<1	138 (IP)	1,3	8
010R0016		X	X		<1	138 (IP)	1,3	1
010R0018		X			<1	138 (IP)	1,3	4
010R0020		X			<1	46 (IP)	1,2,3	3
010R0022	X	X			4	46 (IP)	1	4
010R0024	X	X			10	46 (IP)	none	10
East Fork Big Wood River								
010R0026		X			3	46 (IP)	1,2	5

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-242	WOOD	RIVER	BASIN	(continued)				
Little Wood River								
020R0004		X			2	46 (IP)	1,3	8
020R0006		X			2	46 (IP)	1,3	5
020R0008		X			4	46 (IP)	1,3	20
020R0010		X			8	46 (IP)	1,3	17
020R0012					10	46 (IP)	none	13
Silver Creek								
020R0014		X			7	46 (IP)	1,3	24
020R0016		X			3	46 (IP)	1,3	20

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-244 Salmon Falls Cr.	SALMON	FALLS	BASIN					
000R0002					1	69 (IP)	1,2,3	6
000R0004					1	138 (IP)	1,3	11
000R0010					2	138 (IP)	1,3	38
000R0012					1	138 (IP)	1,3	42
000R0014		X			1	138 (IP)	1,3	51

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-250	LOST	RIVER	BASIN					
Big Lost River								
000R0002		X			4	12.5 (LR)	1,2,3	9
000R0004		X			1	69 (LR)	1,2,3	5
000R0006		X			3	69 (LR)	1,2,3	20
000R0010		X			11	69 (LR)	1	27
	LOST	RIVER	TRIBUTARIES					
Antelope Creek								
000R0012		X			9	69 (LR)	1,3	12
Little Lost R.								
020R0004		X			13	69 (LR)	1,3	26
020R0006					24	69 (SR)	none	37
Birch Creek								
040R0002		X			7	230 (U)	none	39
040R0004		X			11	230 (U)	none	43

LR = Lost River Electric Coop Inc SR = Salmon River Electric Coop, Inc. U = Utah Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-246 Box Canyon Sp. 000R0001	BOX X	CANYON	SPRINGS	BASIN	1	69 (IP)	1,2,3	7
03-500-240-248 Deep Creek 000R0001	DEEP	CREEK X	BASIN		2	69 (IP)	1,3	4
03-500-240-252 Mud Creek 000R0001	MUD	CREEK X	BASIN		2	46 (IP)	1,3	3
03-500-240-254 Niagara Springs 000R0001	NIAGARA X	SPRINGS	BASIN		1	138 (IP)	1,2,3	6
03-500-240-256 Cedar Draw 000R0001	CEDAR	DRAW	BASIN		2	46 (IP)	1,2,3	5
03-500-240-258 Rock Creek 000R0001	ROCK	CREEK	BASIN		<1	46 (IP)	1,2,3	1

IP = Idaho Power Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-260	PORTNEUF	RIVER	BASIN					
Portneuf River								
000R0002		X	X		<1	46 (IP)	1,2,3	3
000R0006		X	X		<1	46 (U)	1,2,3	7
000R0008	X	X	X		1	46 (U)	1,2,3	17
000R0010	X	X			5	46 (U)	1,3	21
000R0012					2	161 (U)		21
	PORTNEUF	RIVER	TRIBUTARIES					
Marsh Creek								
010R0002	X	X			1	46 (U)	1,2,3	15
010R0006	X	X			2	46 (U)	1,2,3	25

IP = Idaho Power Company

U = Utah Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-262 Medicine Lodge Creek	MUD	LAKE	BASIN					
000R0002					7	230 (U)	none	26
000R0004					3	230 (U)	none	21

U = Utah Power & Light Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-280	BLACKFOOT	RIVER	BASIN					
Blackfoot River								
000R0002	X				1	46 (IP)	1,2,3	3
000R0003	X				1	46 (IP)	1,2,3	2
000R0004	X				1	161 (IP)	1,3	6
000R0005	X				2	161 (IP)	1,3	11
000R0006	X				2	161 (U)	none	16
000R0008					1	345 (PPL)	none	27
000R0012		X			2	46 (U)	1	11
000R0014		X			1	46 (U)	1	11
000R0016		X			3	46 (U)	none	16

IP = Idaho Power Company PPL = Pacific Power & Light Co. U = Utah Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-288 Willow Creek	WILLOW	CREEK	BASIN					
000R0002		X			1	69 (U)	1,3	7
000R0004					2	115 (B)	1,3	10

U = Utah Power & Light Co.

B = Bonneville Power Administration

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-300	HENRY'S	FORK	BASIN					
Henry's Fork								
000R0002		X			5	46 (U)	1,2,3	5
000R0004					3	46 (U)	1,2,3	6
000R0006		X			1	46 (U)	1,2,3	4
000R0008					<1	46 (U)	1,2,3	4
000R0012		X			3	115(FR-C)	1,3	4
000R0014	X				2	46(FR-C)	1	12
000R0016		X			2	46(FR-C)	1	29
000R0018		X			2	46(FR-C)	1	33
	HENRY'S	FORK	TRIBUTARIES					
Teton River								
010R0002					2	69 (U)	1,3	8
010R0004					5	46(FR-C)	none	10
010R0006					3	46(FR-C)	1,3	18
010R0008					1	115(FR-C)	1,3	27
010R0018		X	X		3	115(FR-C)	1,2,3	24
Canyon Creek								
010R0010					5	46 (U)	none	12
Bitch Creek								
010R0012					3	46(FR-C)	none	17
010R0014					10	46(FR-C)	none	22

U = Utah Power & Light Co.

FD-C = Fall River Rural Electric Coop Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
03-500-240-300	HENRY'S	FORK	TRIBUTARIES (continued)					
Falls River								
020R0002					<1	46 (FR-C)	1,2,3	3
020R0004					7	115 (FR-C)	none	13
020R0006					11	46 (FR-C)	none	18
020R0008	X	X			13	115 (FR-C)	none	22
020R0020	X				16	115 (FR-C)	none	25
Conant Creek								
020R0012					<1	46 (FR-C)	1,2,3	5
020R0014					1	115 (FR-C)	1	9
Boone Creek								
020R0016					12	115 (FR-C)	none	18
020R0018					14	115 (FR-C)	none	21
Bechler River								
020R0010	X				14	115 (FR-C)	none	23
020R0024	X				14	115 (FR-C)	none	25
Boundary Creek								
020R0022	X				13	115 (FR-C)	none	23
Warm River								
030R0002					1	115 (FR-C)	1	12
Robinson Creek								
030R0004					2	115 (FR-C)	1	8

FR-C = Fall River Rural Electric Coop. Inc.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-307	SALT	RIVER	BASIN					
Salt River								
000R0002					<1	69 (LV)	1	27
000R0004		X			1	69 (LV)	1,3	17
000R0006		X			1	69 (LV)	1	5
	SALT	RIVER	TRIBUTARIES					
Strawberry Creek								
020R0002					2	69 (LV)	none	12
Stump Creek								
030R0002		X			3	12.5 (LV)	1	8
Swift Creek								
040R0002					1	69 (LV)	1	3
Crow Creek								
010R0002		X			<1	12.5 (LV)	1	4
010R0004		X			1	12.5 (LV)	1	7

LV = Lower Valley Power & Light Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-309	GREYS	RIVER	BASIN					
Greys River								
000R0002		X			3	69 (LV)	1	25
000R0004		X			8	69 (LV)	none	24
000R0006		X			12	69 (LV)	none	17
000R0008		X			13	69 (LV)	none	13
000R0010		X			13	12.5 (LV)	none	16
	GREYS	RIVER	TRIBUTARIES					
Little Greys R.								
010R0002		X			4	69 (LV)	none	23

LV = Lower Valley Power & Light Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-311	HOBACK	RIVER	BASIN					
Hoback River								
000R0002		X			<1	24.9 (LV)	1	12
000R0004		X			<1	24.9 (LV)	none	16
000R0006		X			<1	24.9 (LV)	none	20
000R0008		X			5	24.9 (LV)	none	25
000R0010		X			8	24.9 (LV)	none	30
	HOBACK	RIVER	TRIBUTARIES					
Willow Creek								
010R0002					1	24.9 (LV)	1	14
Granite Creek								
020R0002		X			3	24.9 (LV)	2	19

LV = Lower Valley Power & Light Company

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-315 Gros Venture R.	GROS	VENTURE	BASIN					
000R0002	X	X			<1	69 (LV)	1	8
000R0004		X			<1	24.9 (LV)	none	15
000R0006		X			2	24.9 (LV)	none	18
000R0008		X			6	24.9 (LV)	none	21
000R0010		X			11	24.9 (LV)	none	25
000R0012		X			16	24.9 (LV)	none	27
	GROS	VENTURE	TRIBUTARIES					
Crystal Creek 010R0002		X			4	24.9 (LV)	none	19
Fish Creek 020R0002		X			14	24.9 (LV)	none	28
South Fork Fish Creek 020R0006					20	24.9 (LV)	none	38

LV = Lower Valley Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-317	SPREAD	CREEK	BASIN					
Spread Creek								
000R0004					5	69 (LV)	none	28
06-500-240-319	BUFFALO	FORK	BASIN					
Buffalo Fork								
000R0002	X	X			<1	24.9 (LV)	1	29
000R0004	X	X			<1	24.9 (LV)	1	31
000R0006					4	24.9 (LV)	none	36
	BUFFALO	FORK	TRIBUTARIES					
S.Fk. Buffalo Fk.								
020R0002					8	24.9 (LV)	none	41
N.Fk. Buffalo Fk.								
030R0002					13	24.9 (LV)	none	40
06-500-240-321	PACIFIC	CREEK	BASIN					
Pacific Creek								
000R0002		X			9	24.9 (LV)	none	35
06-500-240-323	LEWIS	RIVER	BASIN					
Lewis River								
000R0002	X	X			6	24.9 (LV)	none	39

LV = Lower Valley Power & Light Co.

TABLE II

FEASIBILITY, TRANSMISSION AND LOAD RESTRAINTS

IDAHO

REACH IDENTIFICATION NUMBER	FEASIBILITY RESTRAINT				TRANSMISSION AND LOAD CONSIDERATIONS			
	LAND USE RESTRICTIONS	UTILITY DISPLACEMENT	BUILDING DISPLACEMENT	SPECIAL FISH PROBLEMS	DISTANCE TO NEAREST LINE Miles	LINE CAPACITY KVA	LOCAL MARKET	DISTANCE TO CITY >1000 Miles
06-500-240-325 Coulter Creek 000R0002	COULTER X	CREEK	BASIN		10	24.9 (LV)	none	43
06-500-240-327 Heart River 000R0002	HEART X	RIVER	BASIN		11	24.9 (LV)	none	50

LV = Lower Valley Power & Light Co.

REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0325000000000R0002

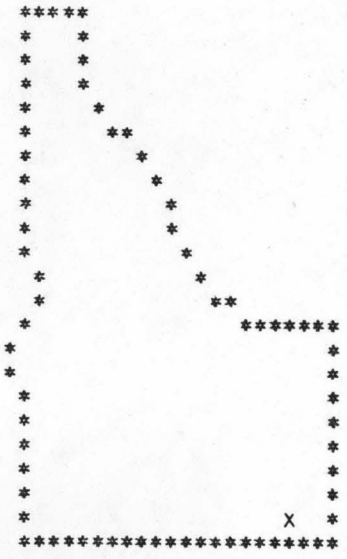
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	FRANKLIN
C.	TOWNSHIP, RANGE	T15S R38E
D.	LATITUDE, LONGITUDE	42 6 111 57
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	100.5 TO 119.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PRESTON



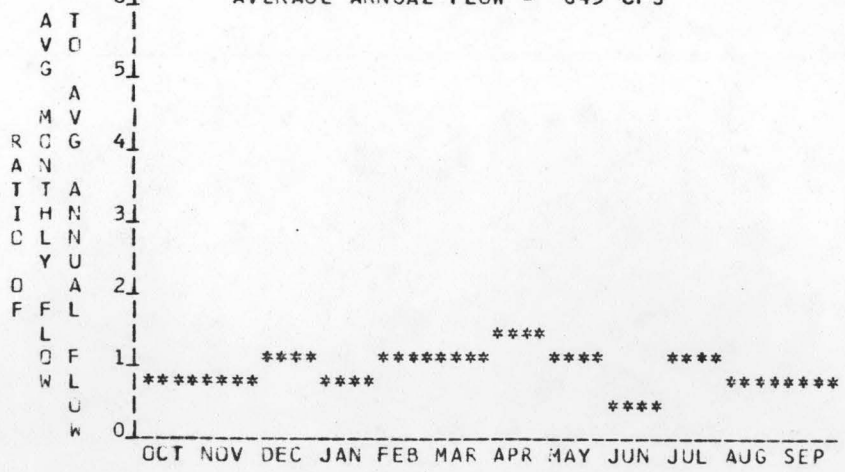
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

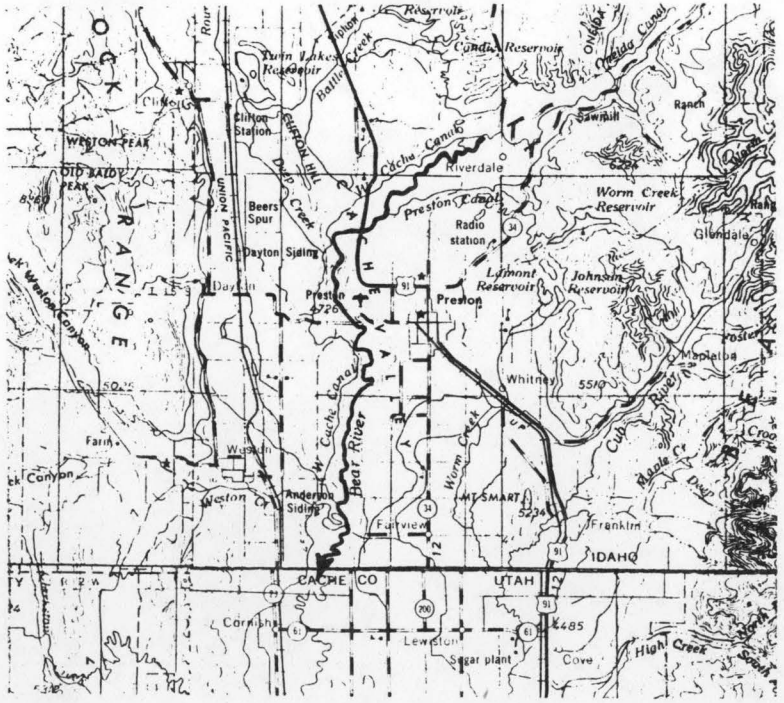
A.	UPSTREAM ELEVATION OF REACH	4523 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4432 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	91 FT.
D.	AVERAGE SLOPE IN REACH	4.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4881 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	153	1.18	10.13	0.98
80	332	2.56	20.71	0.92
50	572	4.41	31.25	0.81
30	816	6.29	37.84	0.69
10	1295	9.99	44.31	0.51

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0325000CCCCCCR0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	FRANKLIN
C.	TOWNSHIP, RANGE	T14S R40E
D.	LATITUDE, LONGITUDE	42 12 111 45
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	119.3 TO 131.0

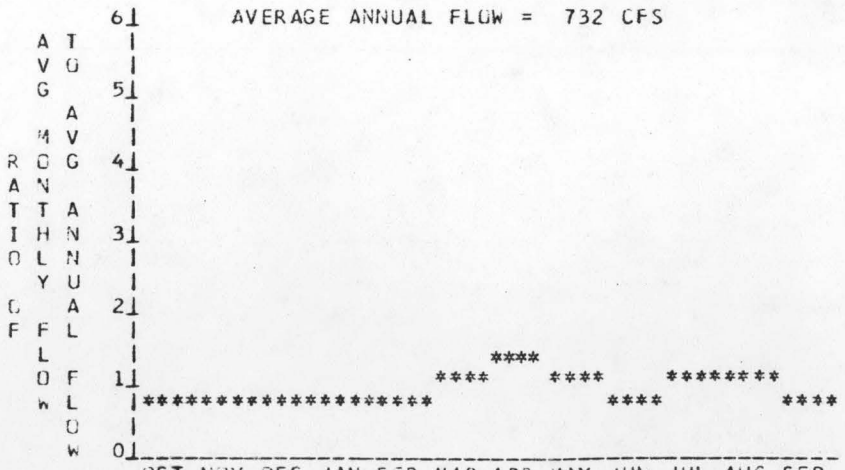
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4726 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4523 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	205 FT.
D.	AVERAGE SLOPE IN REACH	17.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4590 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	230	4.00	34.51	0.99
80	360	6.25	51.82	0.95
50	680	11.81	83.47	0.81
30	899	15.62	96.81	0.71
10	1248	21.68	107.43	0.57

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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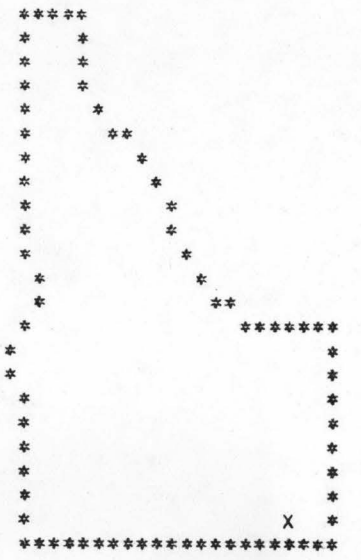
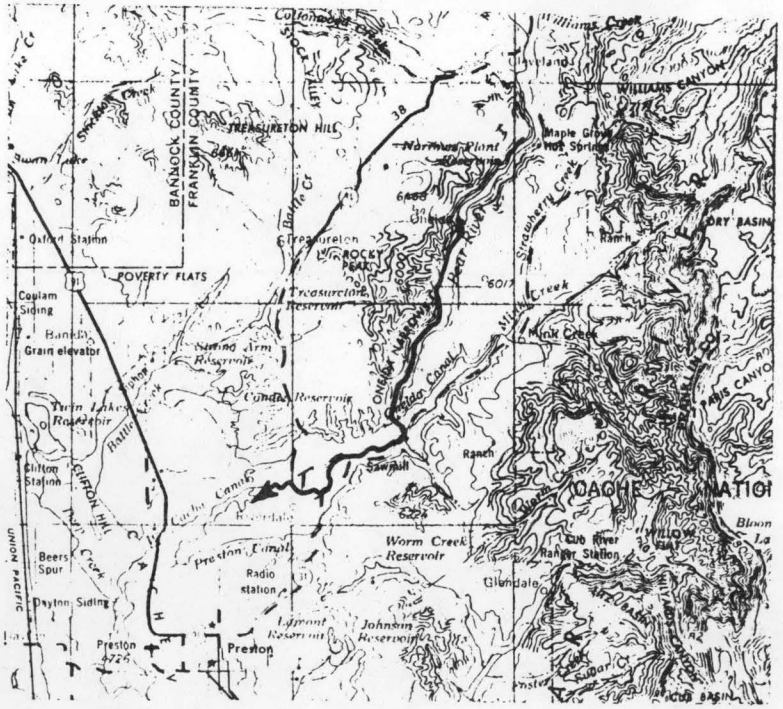
SCALE

MAP NAME
PRESTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 032500000C0000R0009

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	FRANKLIN, CARIBOU
C.	TOWNSHIP, RANGE	T11S R40E
D.	LATITUDE, LONGITUDE	42 26 111 45
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	135.4 TO 154.5

LOCATION MAPS

U.S. TOPO SERIES
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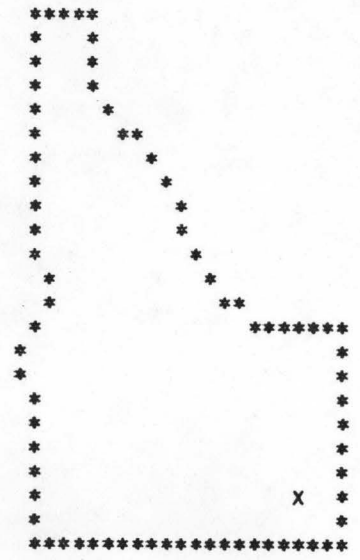
SCALE

MAP NAME
PRESTON



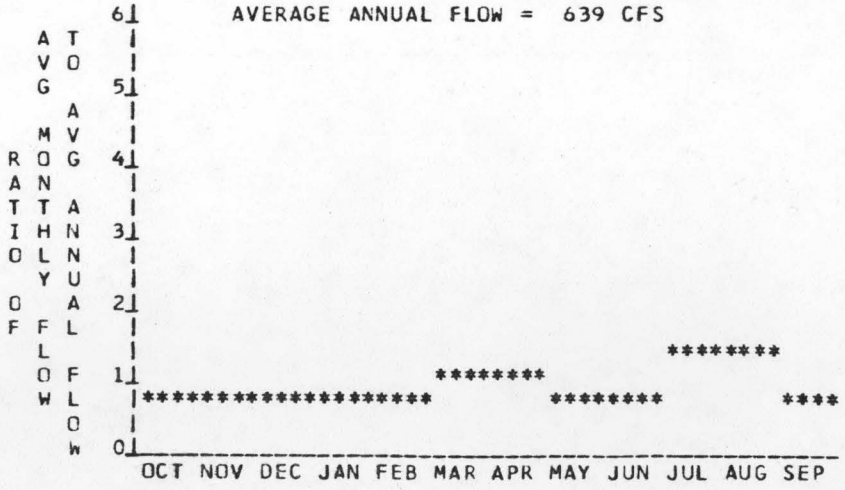
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

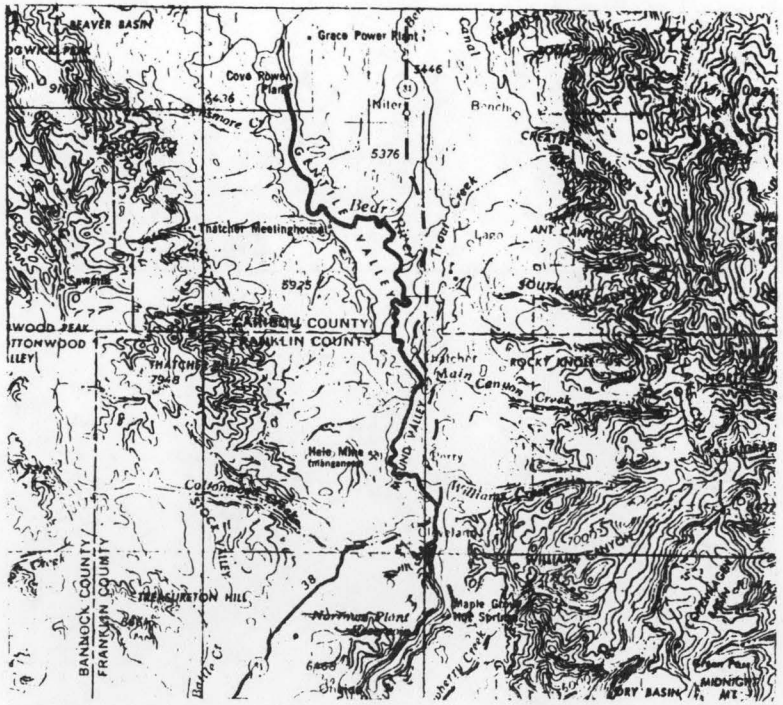
A.	UPSTREAM ELEVATION OF REACH	4940 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4887 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	53 FT.
D.	AVERAGE SLOPE IN REACH	2.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4481 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	85	0.38	3.26	0.98
80	218	0.98	7.84	0.91
50	548	2.46	16.28	0.76
30	860	3.86	21.19	0.63
10	1236	5.55	24.15	0.50

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0325000C000000R0010

LOCATION MAPS

U.S. TOPO SERIES
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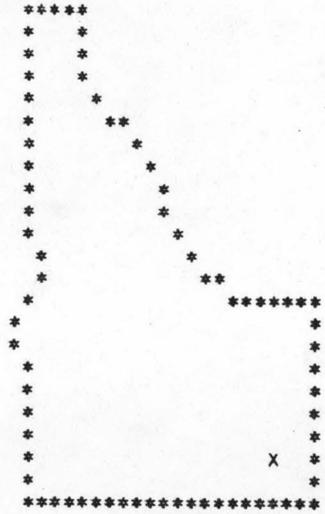
MAP NAME
PRESTON



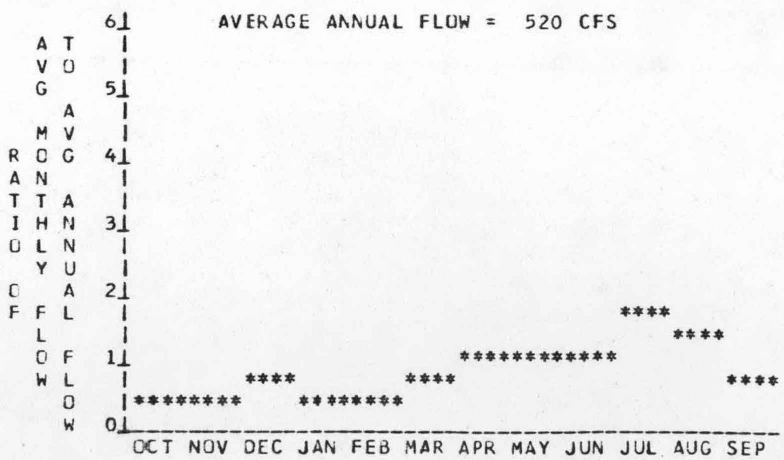
I LOCATION
- A. STATE — IDAHO
- B. COUNTY — CARIBOU
- C. TOWNSHIP, RANGE — T 9S R41E
- D. LATITUDE, LONGITUDE — 42 36 111 43
- E. STREAM NAME — BEAR RIVER
- F. MAJOR BASIN NAME — BEAR RIVER
- G. RIVER MILE — 162.3 TO 164.4

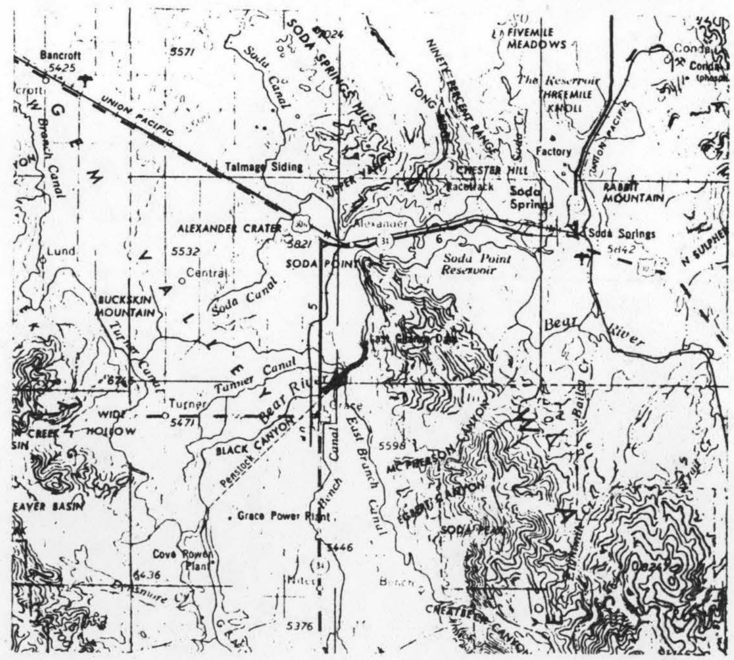
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
- A. UPSTREAM ELEVATION OF REACH — 5600 FT. MSL
- B. DOWNSTREAM ELEVATION OF REACH — 5550 FT. MSL
- C. TOTAL AVAILABLE HEAD IN REACH — 50 FT.
- D. AVERAGE SLOPE IN REACH — 23.8 FT./MI.
- E. DRAINAGE AREA ABOVE REACH MOUTH — 4117 SQ.MI.
- F. INFLOW CLASSIFICATION — 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	69	0.29	2.50	0.98
80	177	0.75	6.01	0.91
50	445	1.89	12.47	0.76
30	699	2.96	16.24	0.63
10	1005	4.26	18.51	0.50

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 032500000CCC000R0011

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CARIBOU
C.	TOWNSHIP, RANGE	T 9S R41E
D.	LATITUDE, LONGITUDE	42 38 111 42
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	164.4 TO 167.8

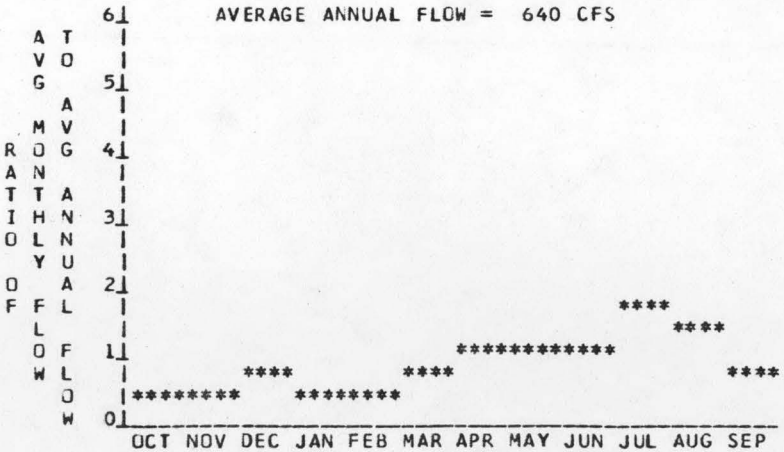
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5630 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	30 FT.
D.	AVERAGE SLOPE IN REACH	8.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4105 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	134	0.34	2.95	0.99
80	227	0.58	4.76	0.94
50	557	1.42	9.54	0.77
30	843	2.14	12.09	0.64
10	1225	3.11	13.79	0.51

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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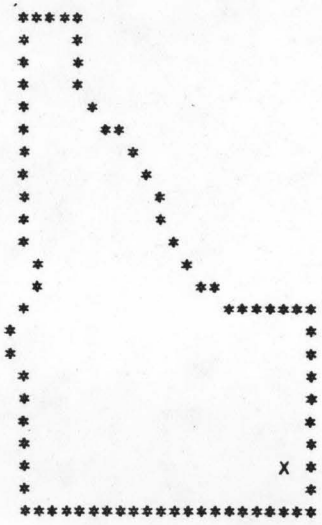
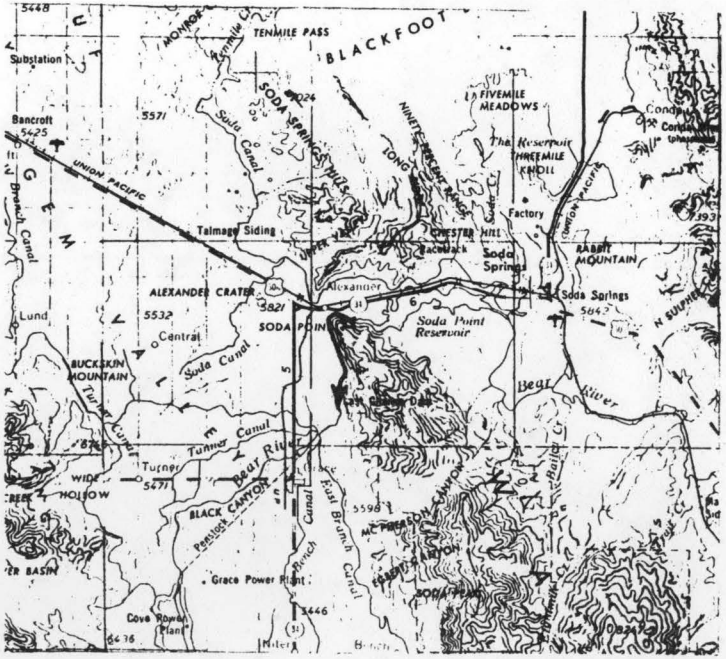
MAP NAME
PRESTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 032500000000R0013

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CARIBOU
C.	TOWNSHIP, RANGE	T 9S R41E
D.	LATITUDE, LONGITUDE	42 37 111 37
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	173.0 TO 177.9

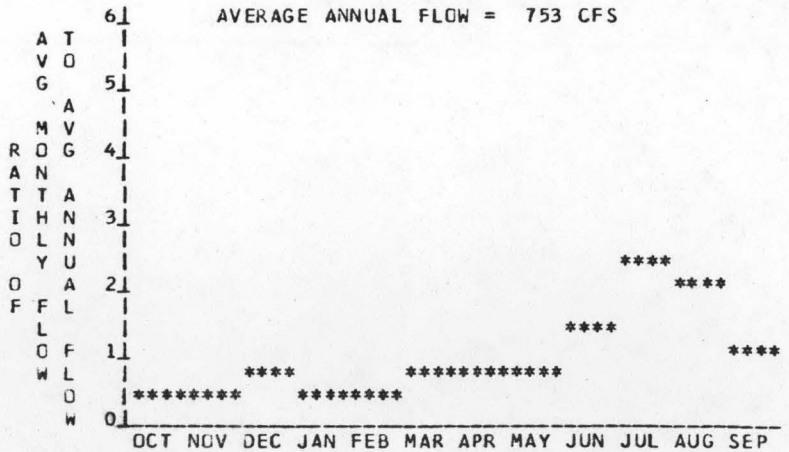
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5762 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5719 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	43 FT.
D.	AVERAGE SLOPE IN REACH	8.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4037 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	135	0.49	4.24	0.98
80	250	0.91	7.45	0.93
50	680	2.48	16.38	0.75
30	1040	3.79	20.97	0.63
10	1425	5.19	23.43	0.52

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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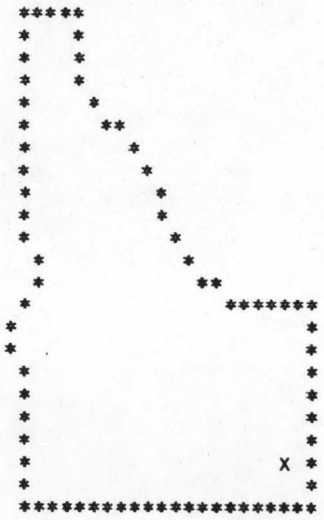

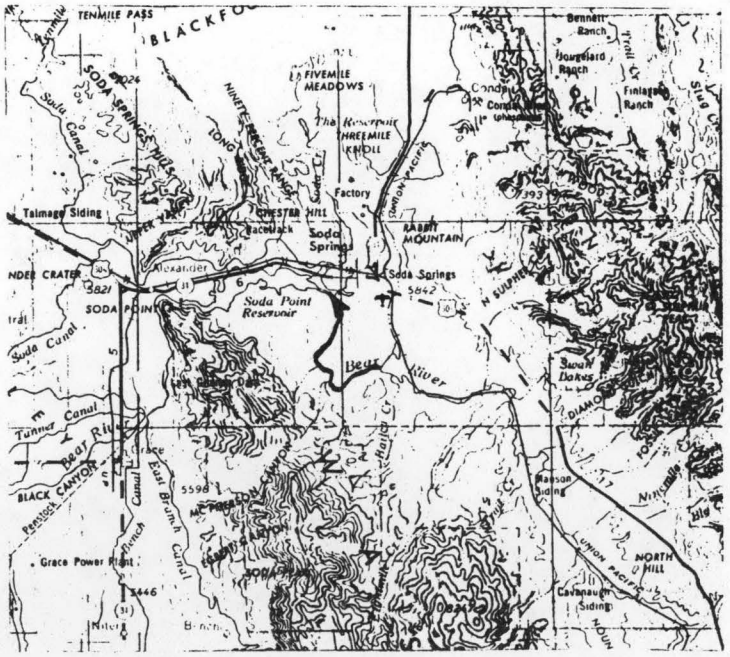

REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03250000000000R0014

I LOCATION
- A. STATE — IDAHO
- B. COUNTY — BEAR LAKE
- C. TOWNSHIP, RANGE — T10S R43E
- D. LATITUDE, LONGITUDE — 42 33 111 25
- E. STREAM NAME — BEAR RIVER
- F. MAJOR BASIN NAME — BEAR RIVER
- G. RIVER MILE — 177.9 TO 202.9

LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
PRESTON

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II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
- A. UPSTREAM ELEVATION OF REACH — 5907 FT. MSL
- B. DOWNSTREAM ELEVATION OF REACH — 5762 FT. MSL
- C. TOTAL AVAILABLE HEAD IN REACH — 145 FT.
- D. AVERAGE SLOPE IN REACH — 5.8 FT./MI.
- E. DRAINAGE AREA ABOVE REACH MOUTH — 3970 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	85	1.04	9.00	0.98
80	160	1.97	16.07	0.93
50	515	6.33	40.90	0.74
30	842	10.35	54.98	0.61
10	1266	15.56	64.11	0.47

IV TYPICAL ANNUAL HYDROGRAPH

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          6I     AVERAGE ANNUAL FLOW =  616 CFS
  A T      I
  V O      I
  G       5I
    A      I
  M V      I
R O G     4I
A N        I
T T A      I
I H N     3I
O L N      I
  Y U      I                                    ****
O   A     2I                                        ****
F F L      I
  L        I                                ****
  O F     1I                                            ****
  W L      I          ****       ************
    O      I********      ********
    W     0I-------------------------------------------------
            OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP
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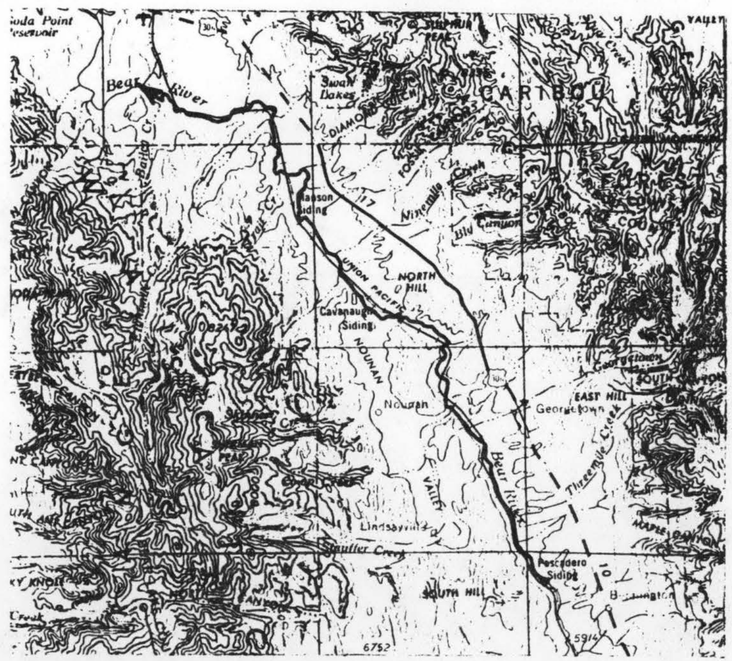


REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0325000C00C0C0R0020

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BEAR LAKE
C.	TOWNSHIP, RANGE	T14S R45E
D.	LATITUDE, LONGITUDE	42 12 111 15
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	219.5 TO 231.4

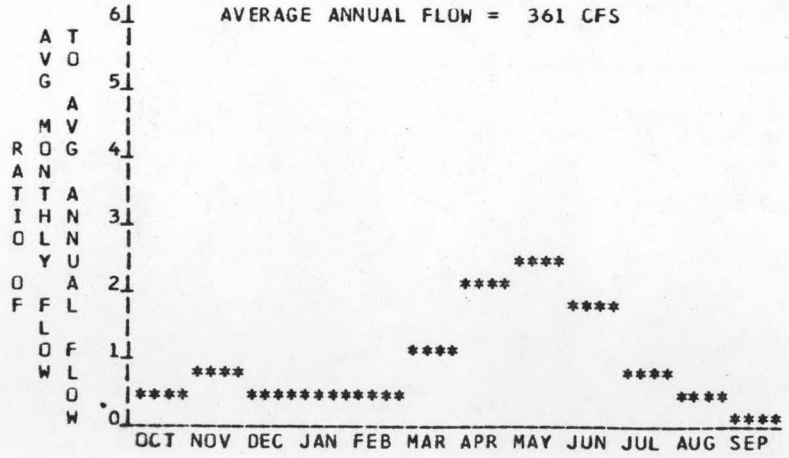
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5990 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5941 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	49 FT.
D.	AVERAGE SLOPE IN REACH	4.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2820 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	0.21	1.82	0.98
80	128	0.53	4.27	0.92
50	229	0.95	6.66	0.80
30	322	1.34	8.01	0.68
10	995	4.13	12.91	0.36

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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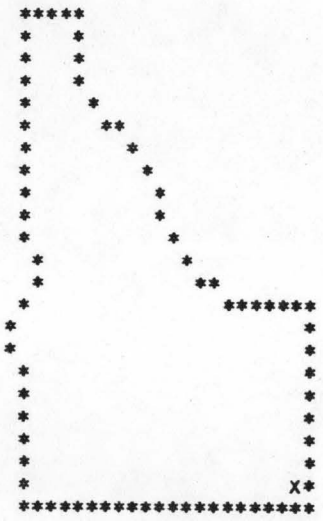
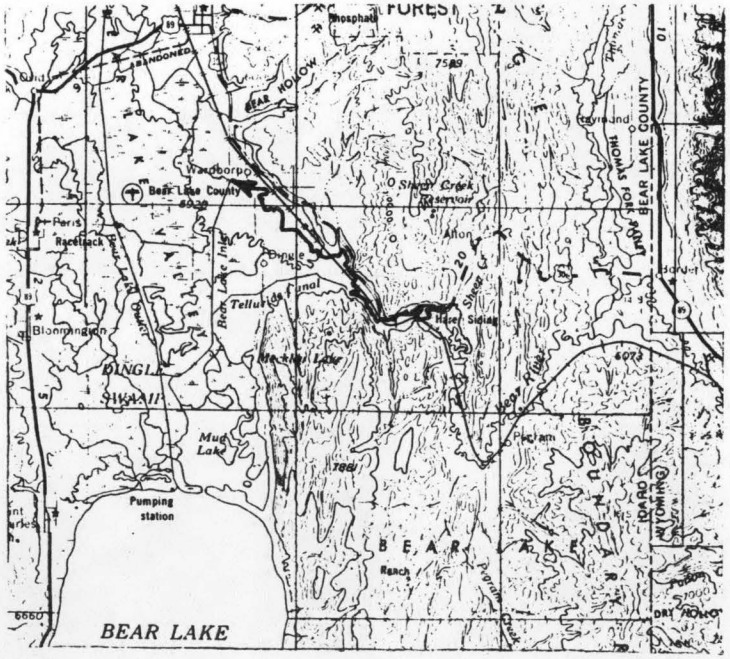
SCALE

MAP NAME
PRESTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0325000CC000C0R0022

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BEAR LAKE
C.	TOWNSHIP, RANGE	T14S R46E
D.	LATITUDE, LONGITUDE	42 10 111 8
E.	STREAM NAME	BEAR RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	231.4 TO 250.1

LOCATION MAPS

U.S. TOPO SERIES
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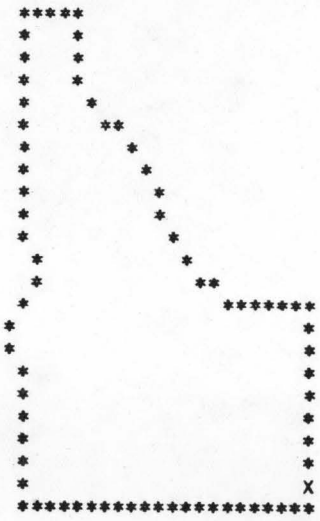
SCALE

MAP NAME
PRESTON



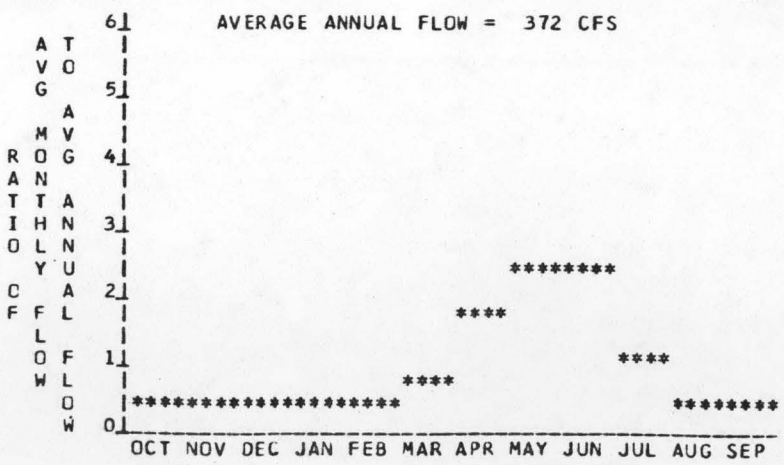
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

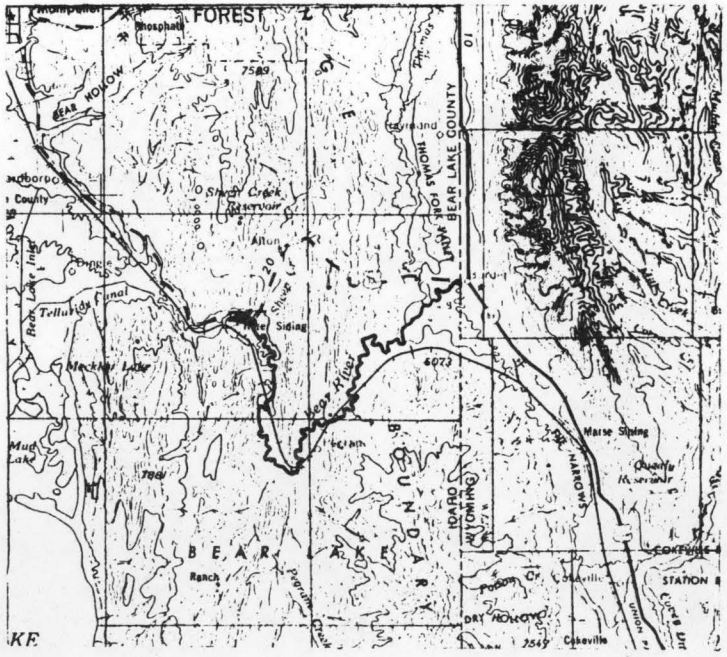
A.	UPSTREAM ELEVATION OF REACH	6055 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5990 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	65 FT.
D.	AVERAGE SLOPE IN REACH	3.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2780 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

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	0.40	3.42	0.99
80	133	0.73	6.00	0.93
50	226	1.24	8.92	0.82
30	332	1.83	10.96	0.68
10	993	5.47	17.34	0.36

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 032500100CCCCCR0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	ONEIDA
C.	TOWNSHIP, RANGE	T16S R36E
D.	LATITUDE, LONGITUDE	42 1 112 14
E.	STREAM NAME	MALAD RIVER
F.	MAJOR BASIN NAME	BEAR RIVER
G.	RIVER MILE	36.3 TO 38.5

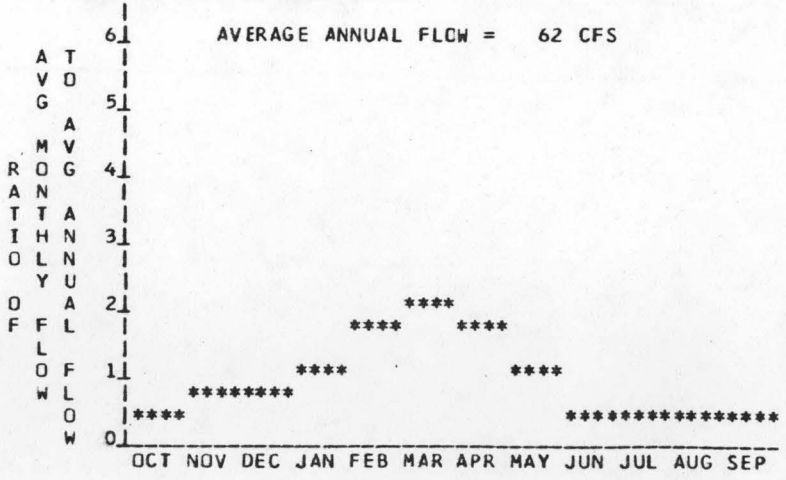
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4370 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4365 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	5 FT.
D.	AVERAGE SLOPE IN REACH	2.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	496 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	0.08	0.67	0.98
80	20	0.12	1.00	0.95
50	39	0.23	1.65	0.80
30	64	0.39	2.18	0.64
10	120	0.72	2.77	0.44

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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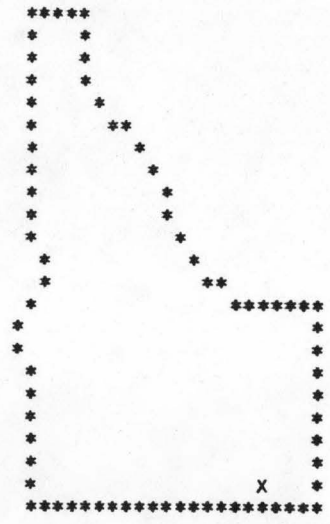
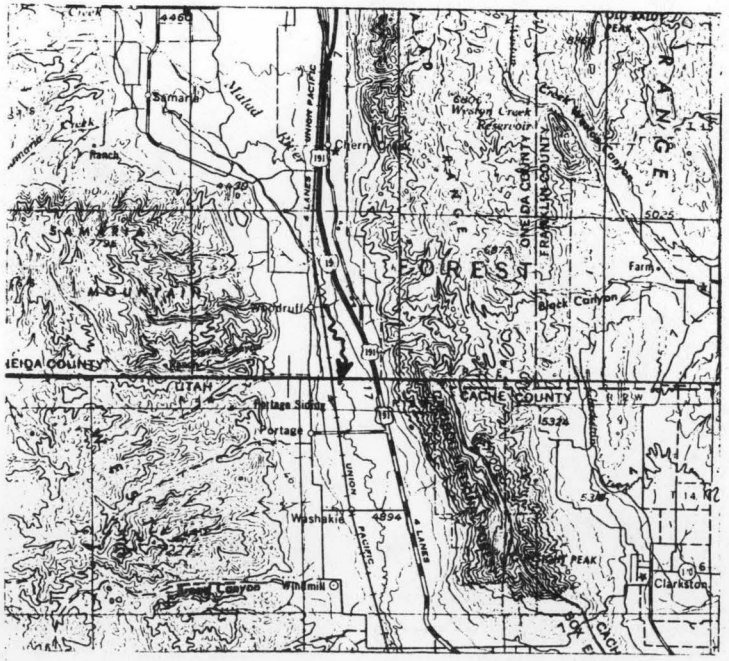
SCALE

MAP NAME
POCATELLO





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005C0CC0000R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T62N R 3E
D.	LATITUDE, LONGITUDE	48 40 116 7
E.	STREAM NAME	KOOTENAI RIVER
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	160.9 TO 171.7

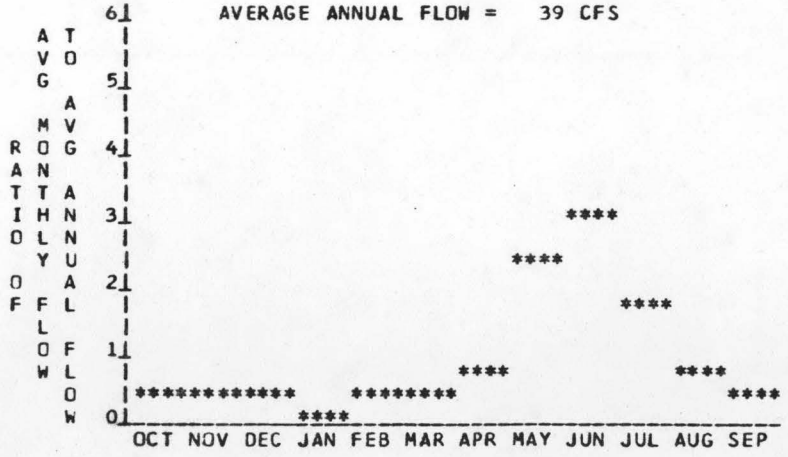
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1810 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1770 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	3.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	11439 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	3255	11.03	96.43	1.00
80	4341	14.72	124.64	0.97
50	8681	29.43	208.41	0.81
30	17517	59.38	313.37	0.60
10	38755	131.37	439.50	0.38

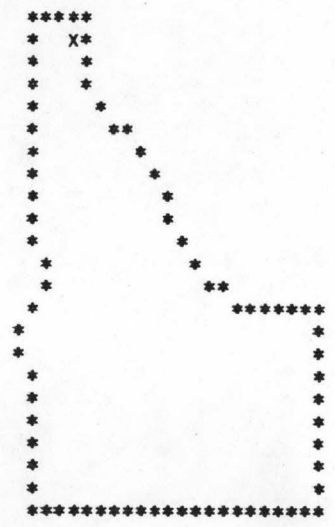
IV TYPICAL ANNUAL HYDROGRAPH

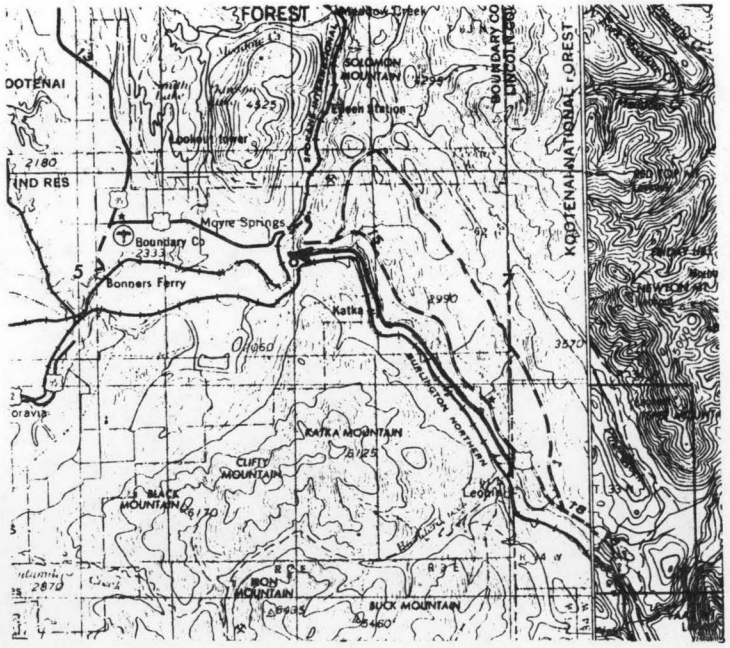


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005000100000R0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T65N R02W
D.	LATITUDE, LONGITUDE	48 59 116 35
E.	STREAM NAME	BOUNDARY CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	2.4 TO 5.0

LOCATION MAPS

U.S. TOPO SERIES
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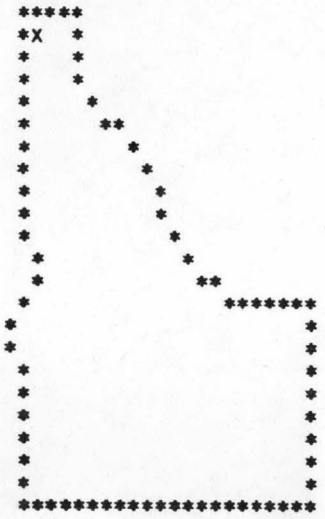
SCALE

MAP NAME
SANDPOINT



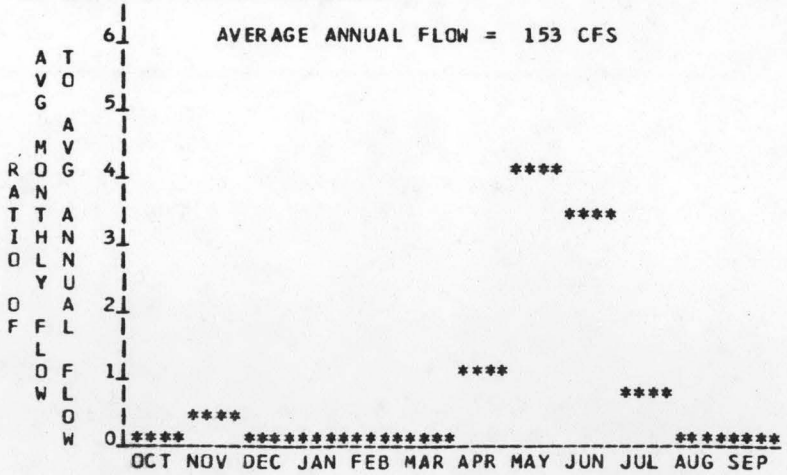
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

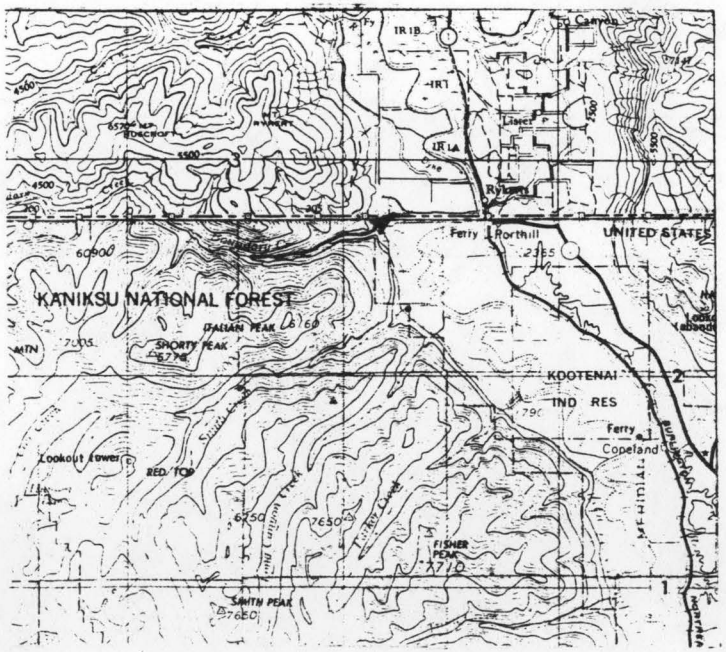
A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	480 FT.
D.	AVERAGE SLOPE IN REACH	184.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	96 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	9	0.46	4.03	0.99
80	20	0.93	7.63	0.93
50	49	2.27	15.25	0.77
30	114	5.28	25.80	0.56
10	479	22.20	55.44	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350050C02C000R0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T65N R02W
D.	LATITUDE, LONGITUDE	48 56 116 37
E.	STREAM NAME	SMITH CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	0.0 TO 6.8

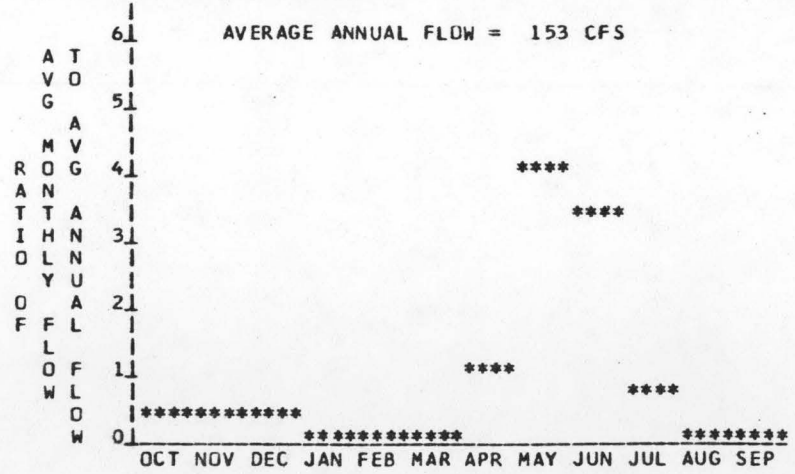
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3520 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1740 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1780 FT.
D.	AVERAGE SLOPE IN REACH	261.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	70 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	1.57	13.70	0.99
80	20	3.17	25.92	0.93
50	49	7.71	51.79	0.77
30	114	17.93	87.59	0.56
10	481	75.35	188.19	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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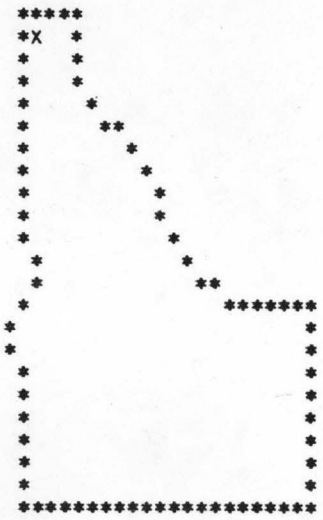
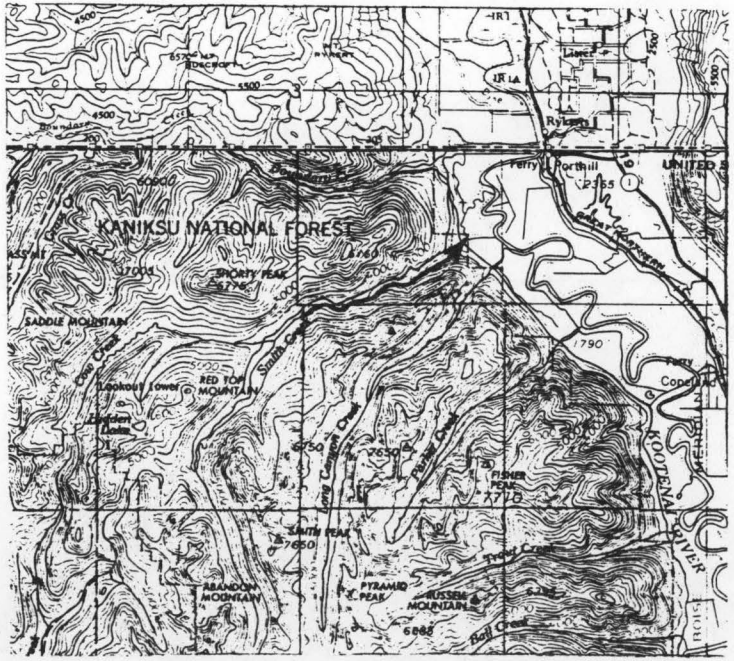
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350050CC90000R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T62N R01E
D.	LATITUDE, LONGITUDE	48 42 116 24
E.	STREAM NAME	DEEP CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	0.0 TO 3.5

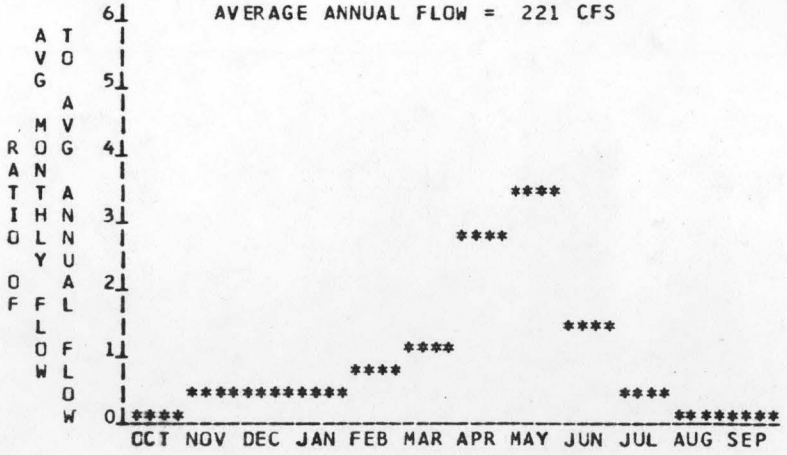
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1760 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1715 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	45 FT.
D.	AVERAGE SLOPE IN REACH	12.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	185 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	0.06	0.54	1.00
80	31	0.12	0.98	0.94
50	73	0.28	1.89	0.77
30	167	0.64	3.15	0.56
10	688	2.63	6.63	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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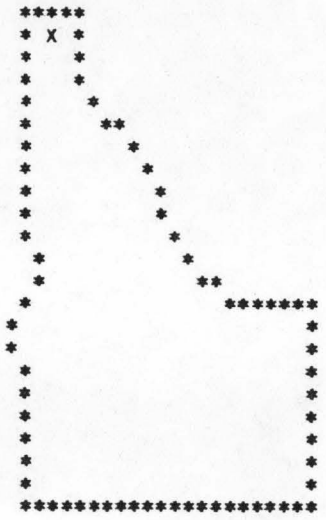
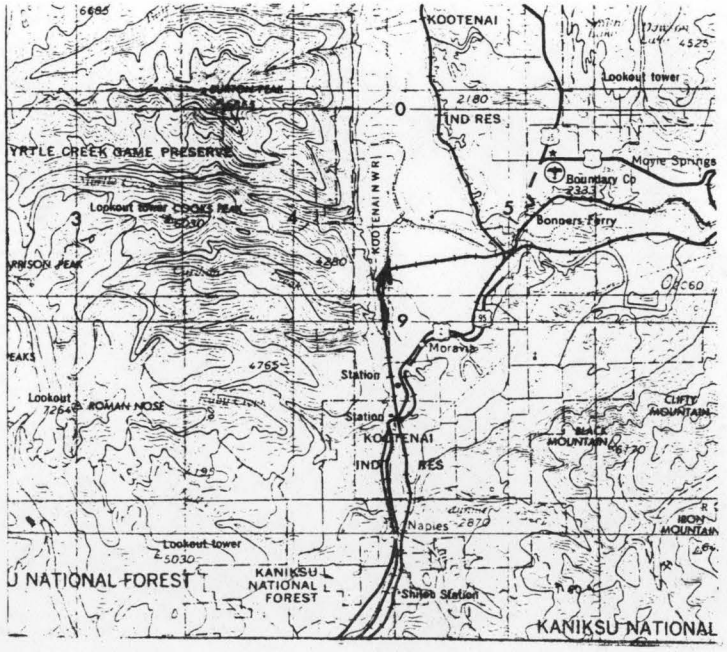
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005000900000R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T61N R01E
D.	LATITUDE, LONGITUDE	48 39 116 22
E.	STREAM NAME	DEEP CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	3.5 TO 5.3

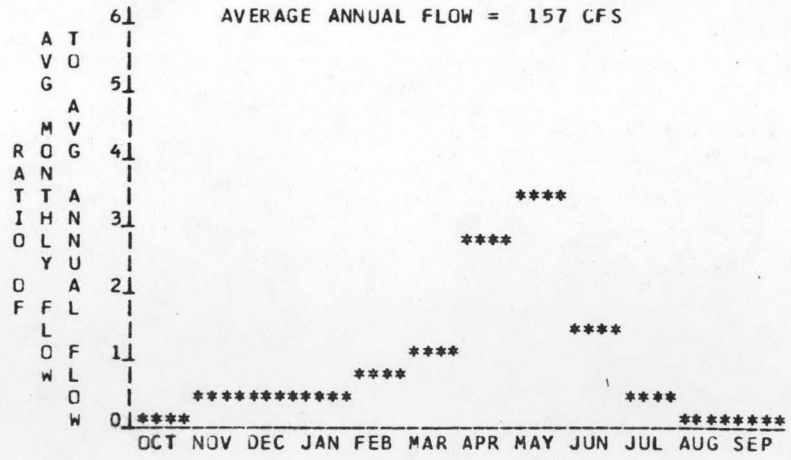
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1820 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	60 FT.
D.	AVERAGE SLOPE IN REACH	33.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	176 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	0.05	0.46	0.99
80	20	0.11	0.87	0.93
50	50	0.26	1.73	0.77
30	117	0.60	2.92	0.56
10	492	2.51	6.26	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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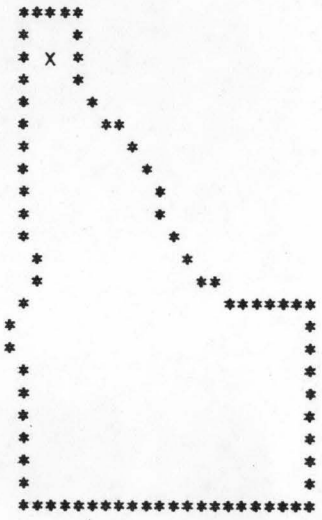
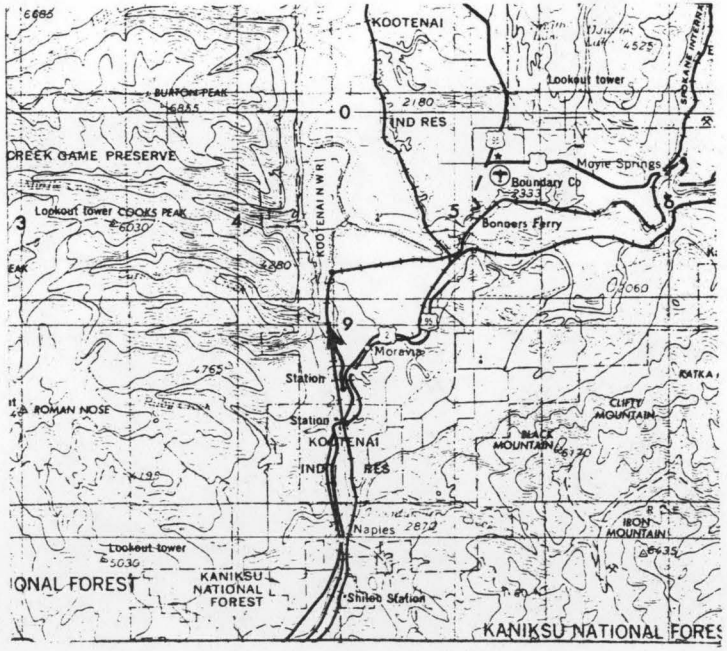
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350050CC9C0C0R0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T61N R01E
D.	LATITUDE, LONGITUDE	48 38 116 23
E.	STREAM NAME	DEEP CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	5.3 TO 6.6

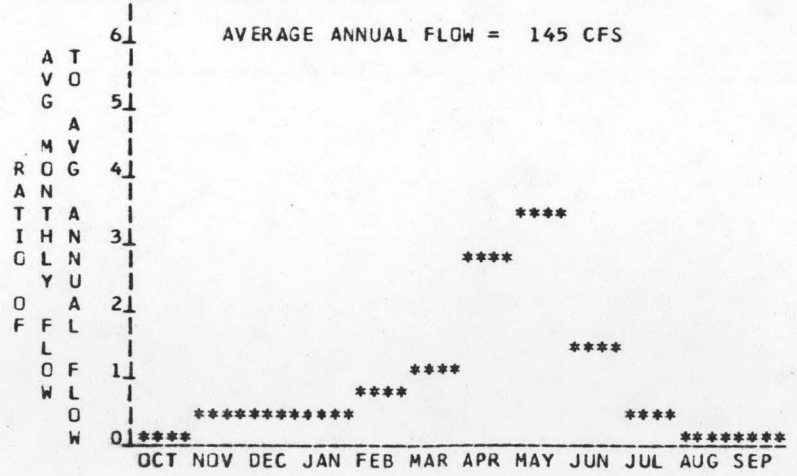
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1900 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1820 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	61.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	131 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	9	0.12	1.00	0.99
80	18	0.23	1.91	0.93
50	46	0.57	3.84	0.77
30	107	1.34	6.52	0.56
10	455	5.63	14.05	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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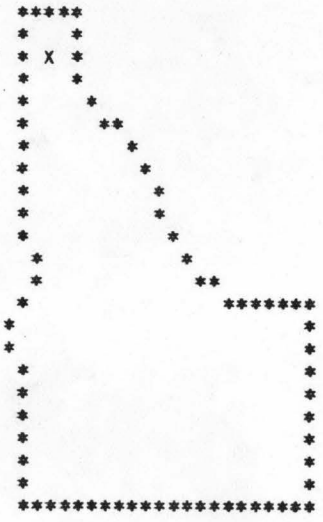
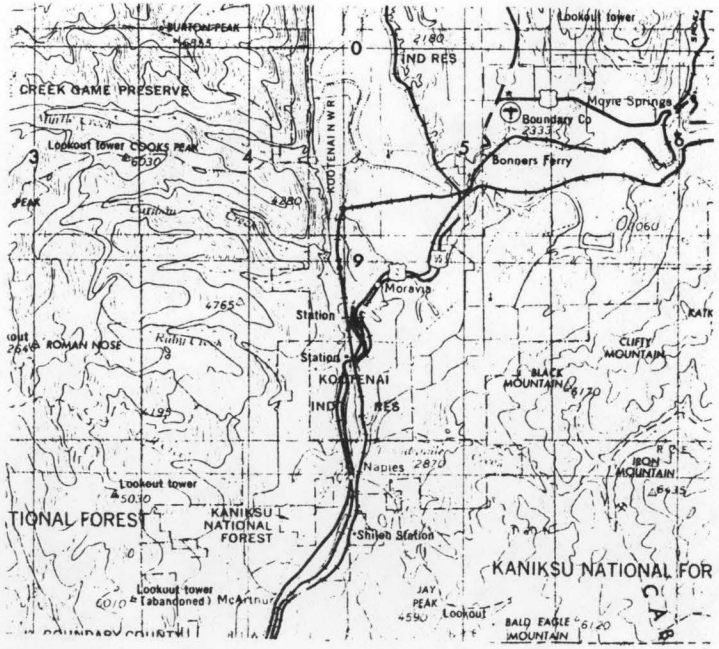
MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C05001C0000R0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T62N R02E
D.	LATITUDE, LONGITUDE	48 44 116 11
E.	STREAM NAME	MOYIE RIVER
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	0.0 TO 4.2

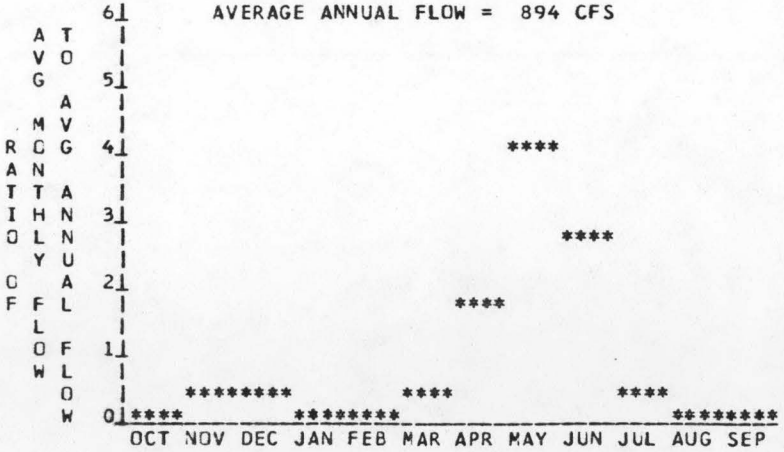
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2150 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1770 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	380 FT.
D.	AVERAGE SLOPE IN REACH	90.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	782 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	104	3.35	29.27	1.00
80	161	5.22	43.55	0.95
50	334	10.76	75.12	0.80
30	712	22.93	117.78	0.59
10	2691	86.67	229.45	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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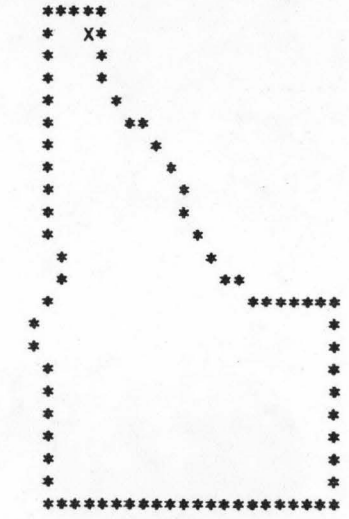
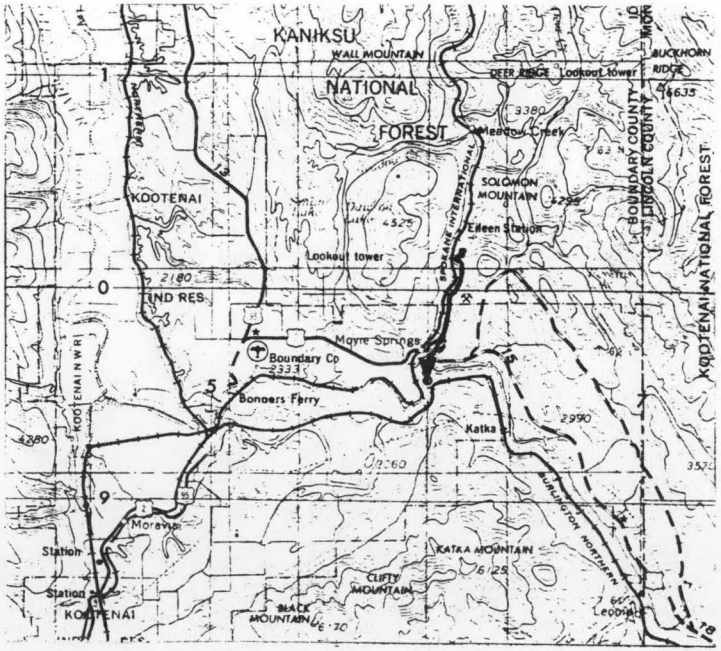
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005001CC000R0005

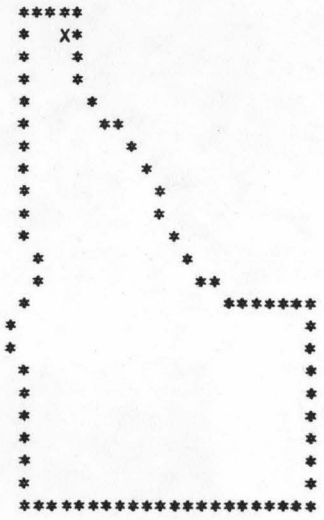
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T63N R02E
D.	LATITUDE, LONGITUDE	48 48 116 9
E.	STREAM NAME	MOYIE RIVER
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	4.2 TO 8.4

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SANDPOINT



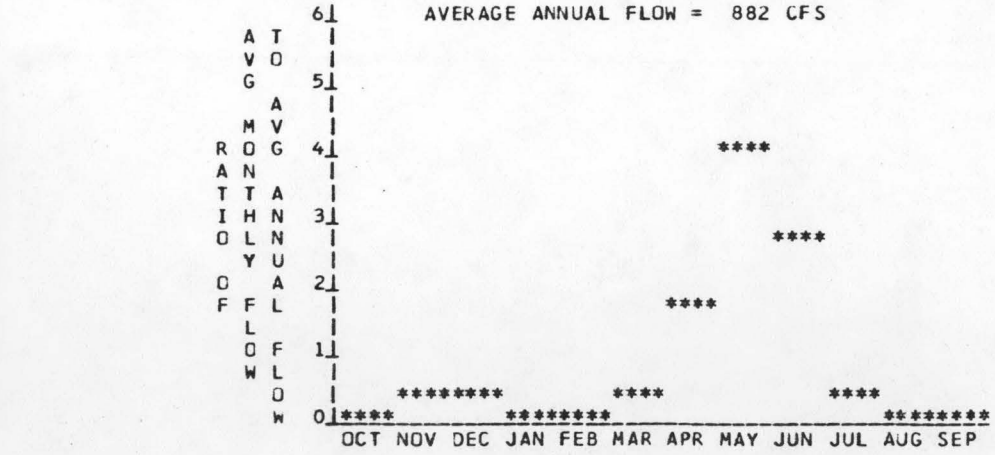
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

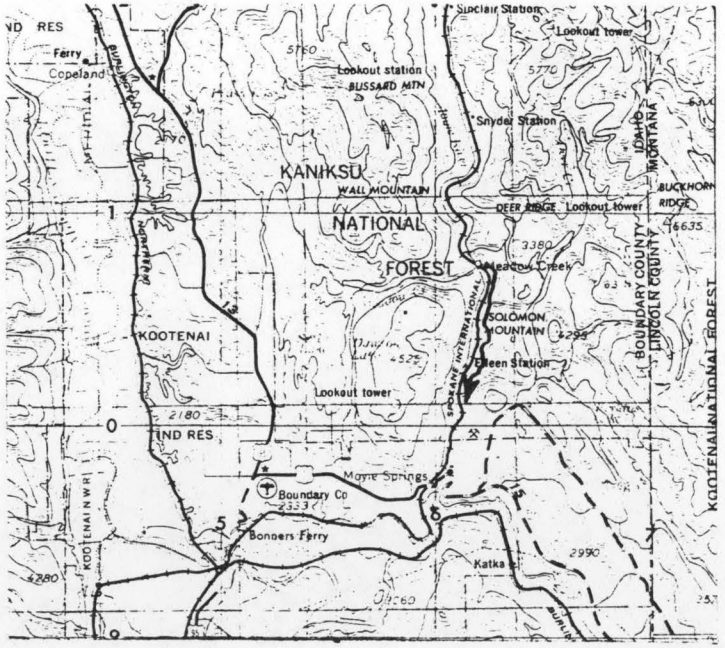
A.	UPSTREAM ELEVATION OF REACH	2320 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2140 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	180 FT.
D.	AVERAGE SLOPE IN REACH	42.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	774 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	102	1.56	13.63	1.00
80	159	2.43	20.31	0.95
50	329	5.02	35.07	0.80
30	702	10.72	55.01	0.59
10	2656	40.53	107.24	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500500100000R0007

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T64N R02E
D.	LATITUDE, LONGITUDE	48 53 116 9
E.	STREAM NAME	MOYIE RIVER
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	8.4 TO 17.9

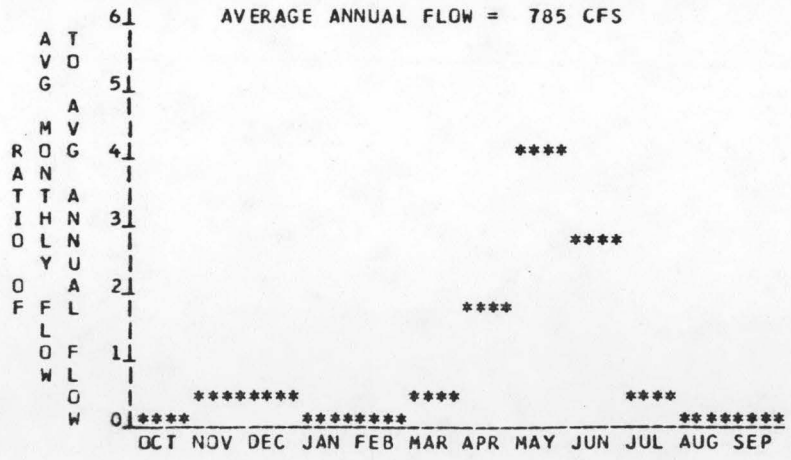
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2530 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	210 FT.
D.	AVERAGE SLOPE IN REACH	22.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	696 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	87	1.56	13.61	1.00
80	138	2.47	20.61	0.95
50	290	5.16	35.94	0.79
30	622	11.08	56.65	0.58
10	2370	42.19	111.16	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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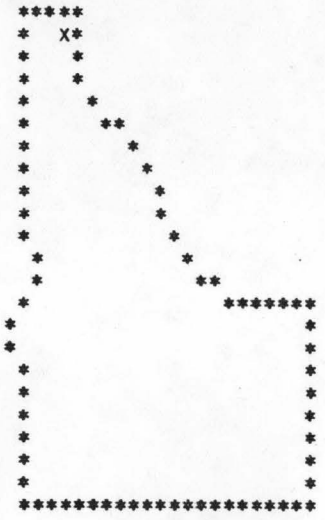
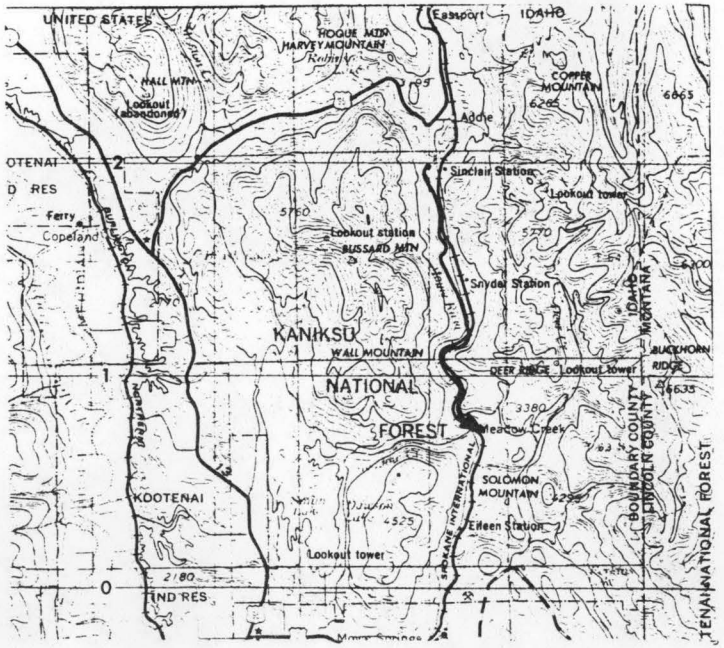
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C05001000000R0009

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T65N R02E
D.	LATITUDE, LONGITUDE	48 58 116 10
E.	STREAM NAME	MOYIE RIVER
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	17.9 TO 23.7

LOCATION MAPS

U.S. TOPO SERIES
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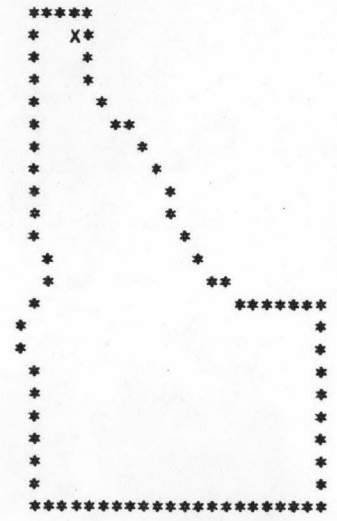
SCALE

MAP NAME
SANDPOINT



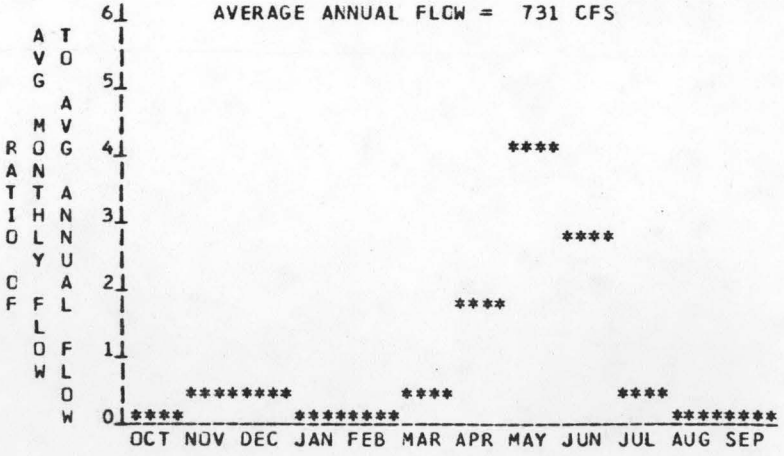
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

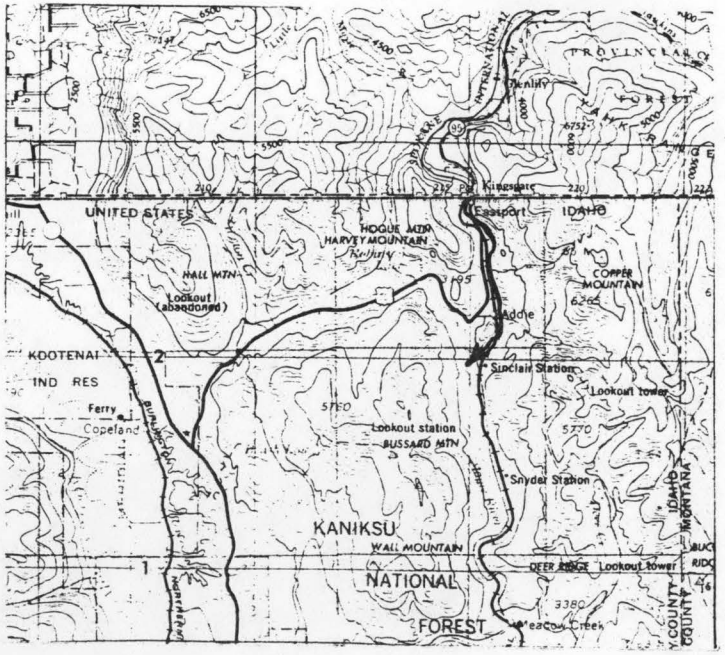
A.	UPSTREAM ELEVATION OF REACH	2620 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2530 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	90 FT.
D.	AVERAGE SLOPE IN REACH	15.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	661 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	79	0.61	5.30	1.00
80	127	0.97	8.11	0.95
50	268	2.05	14.22	0.79
30	577	4.41	22.49	0.58
10	2209	16.86	44.30	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005001100000R0001

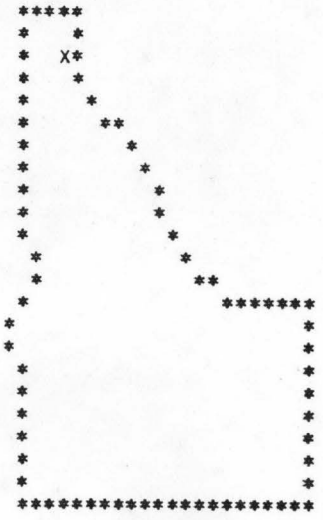
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T61N R03E
D.	LATITUDE, LONGITUDE	48 36 116 5
E.	STREAM NAME	BOULDER CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	0.0 TO 2.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SANDPOINT



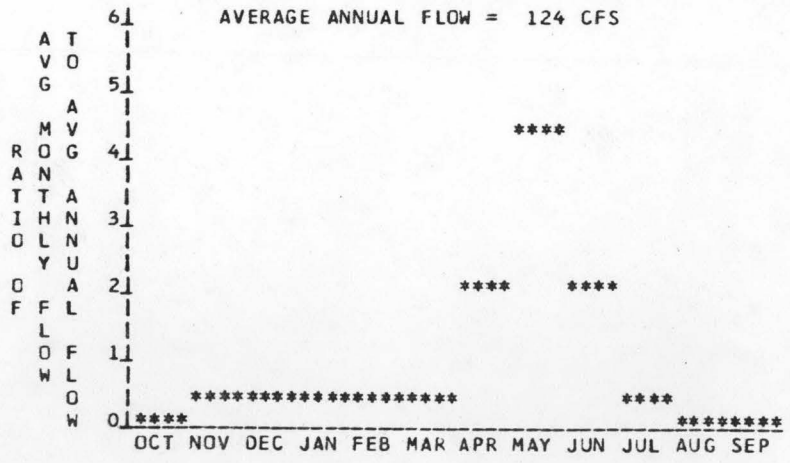
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

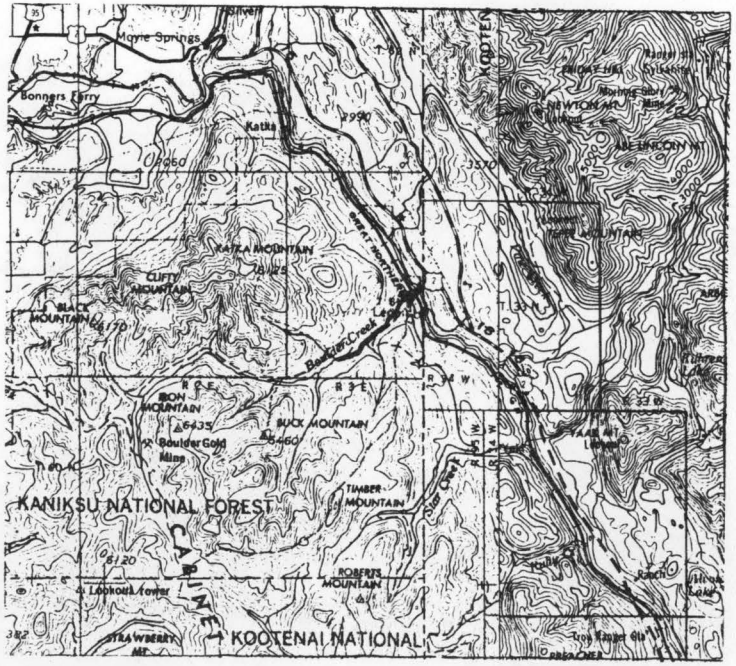
A.	UPSTREAM ELEVATION OF REACH	2540 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1810 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	730 FT.
D.	AVERAGE SLOPE IN REACH	251.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	63 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	7	0.47	4.11	0.99
80	15	0.98	7.99	0.93
50	39	2.43	16.26	0.76
30	92	5.71	27.75	0.55
10	392	24.30	60.32	0.28

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035005001C000R0003

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T61N R03E
D.	LATITUDE, LONGITUDE	48 35 116 7
E.	STREAM NAME	BOULDER CREEK
F.	MAJOR BASIN NAME	KOOTENAI RIVER
G.	RIVER MILE	2.9 TO 3.3

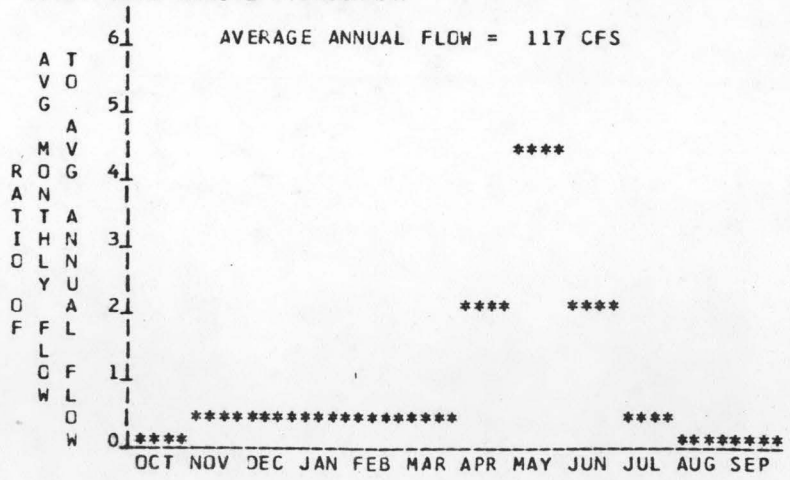
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2620 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2540 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	200.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	55 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	6	0.09	0.75	0.99
80	14	0.18	1.48	0.93
50	36	0.45	3.03	0.76
30	86	1.07	5.18	0.55
10	368	4.56	11.31	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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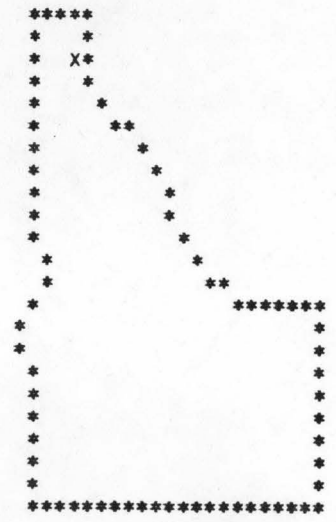
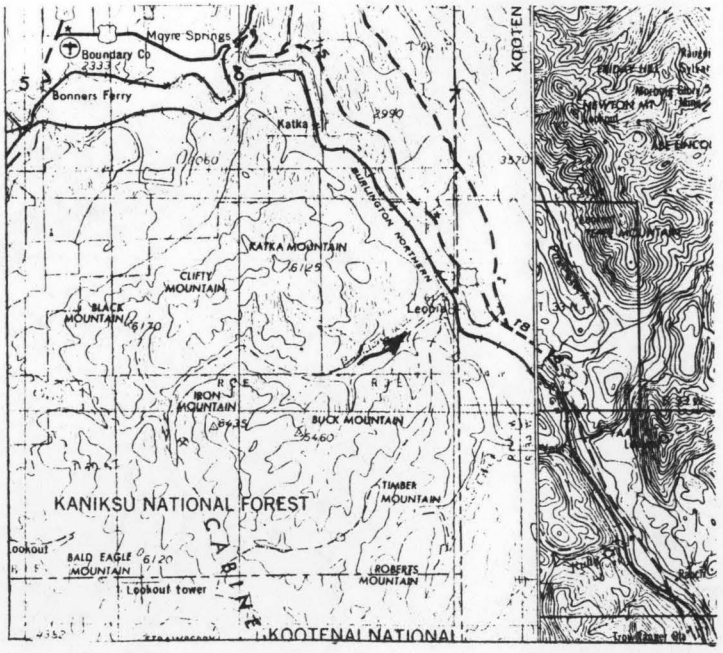
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C04802510OCR0C02

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T56N R 5W
D.	LATITUDE, LONGITUDE	48 12 116 54
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.2 TO 4.0

LOCATION MAPS

U.S. TOPO SERIES
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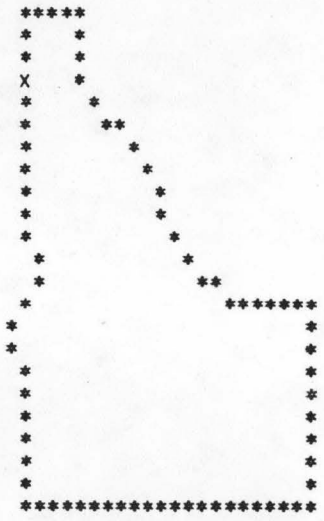
SCALE

MAP NAME
SANDPOINT



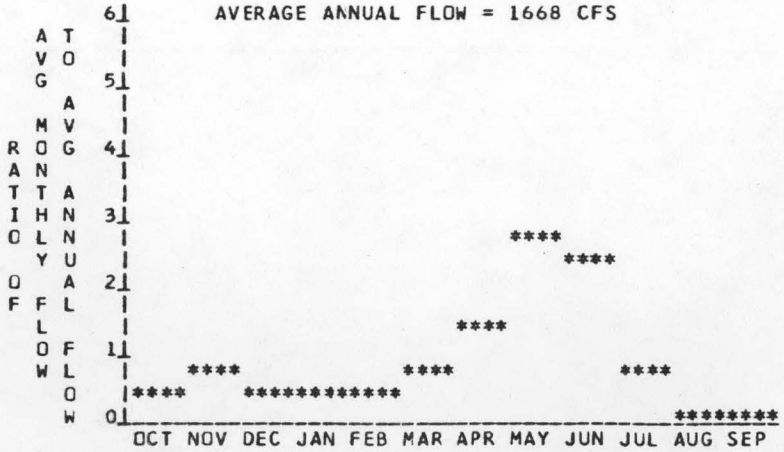
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

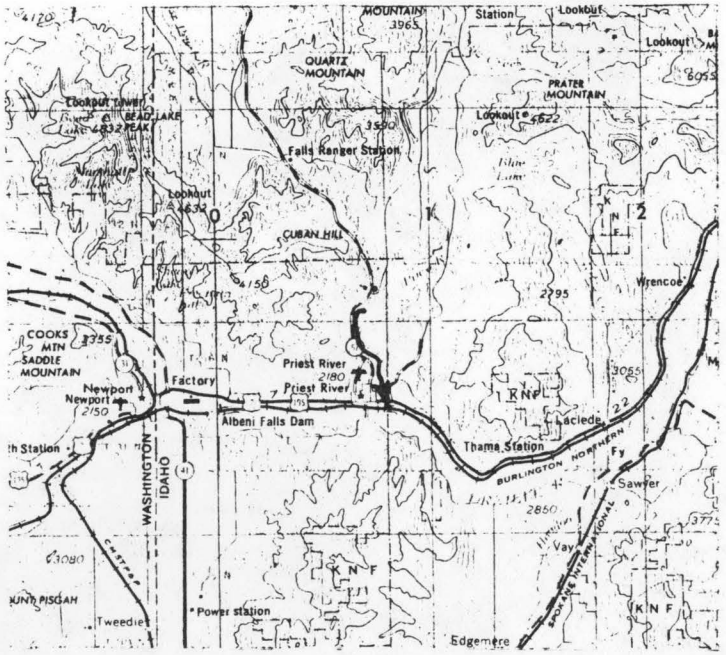
A.	UPSTREAM ELEVATION OF REACH	2090 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2075 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	15 FT.
D.	AVERAGE SLOPE IN REACH	3.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	977 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

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	0.38	3.28	0.98
80	580	0.74	6.01	0.93
50	1050	1.33	9.42	0.81
30	1700	2.16	12.31	0.65
10	4300	5.47	18.10	0.38

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048025100CR0C04

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T57N R 4W
D.	LATITUDE, LONGITUDE	48 17 116 51
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	4.0 TO 20.8

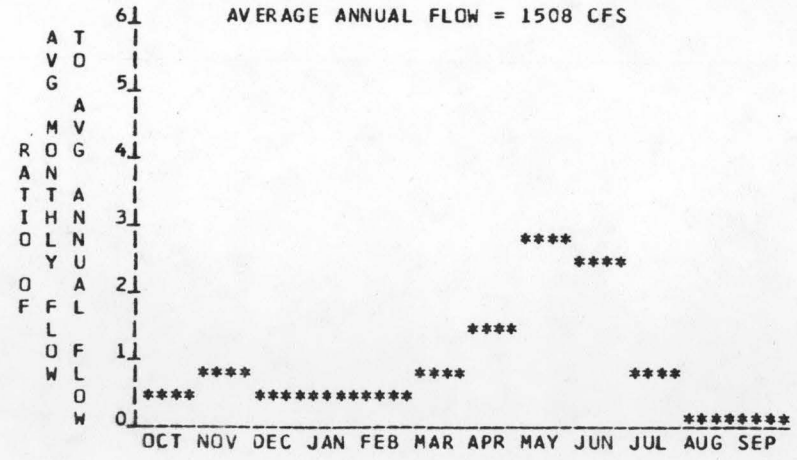
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2225 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2090 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	135 FT.
D.	AVERAGE SLOPE IN REACH	8.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	880 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	3.20	27.61	0.98
80	520	5.95	48.66	0.93
50	945	10.81	76.34	0.81
30	1550	17.73	100.60	0.65
10	3950	45.19	148.70	0.38

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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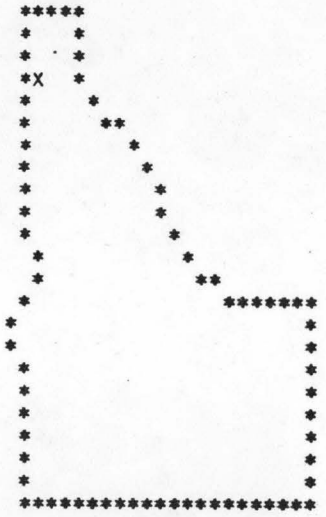
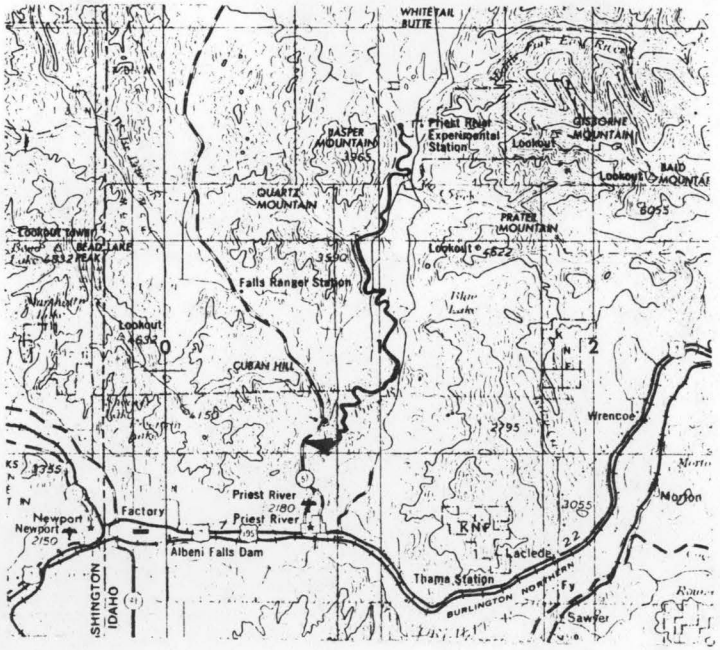
SCALE

MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C25100CR0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T58N R 4W
D.	LATITUDE, LONGITUDE	48 24 116 53
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	20.8 TO 38.9

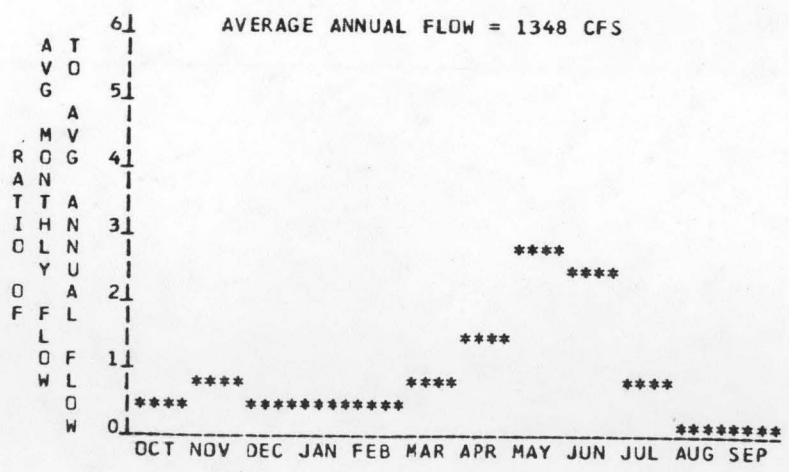
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2350 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2225 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	125 FT.
D.	AVERAGE SLOPE IN REACH	6.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	742 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	2.75	23.76	0.98
80	460	4.87	40.00	0.94
50	840	8.90	62.92	0.81
30	1400	14.83	83.70	0.64
10	3600	38.14	124.53	0.37

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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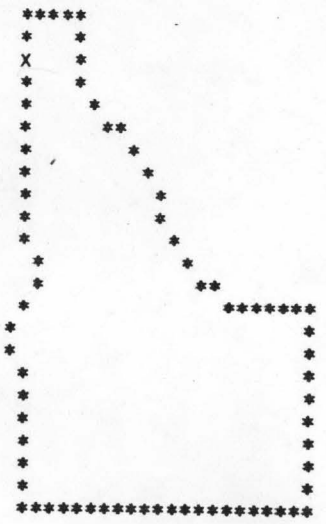
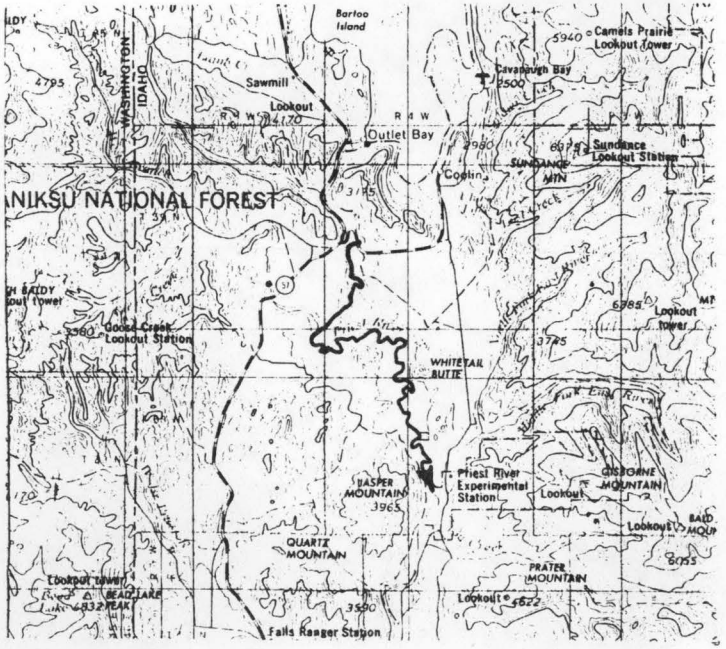




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C25100GR0CC8

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T59N R 4W
D.	LATITUDE, LONGITUDE	48 29 116 55
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	38.9 TO 43.2

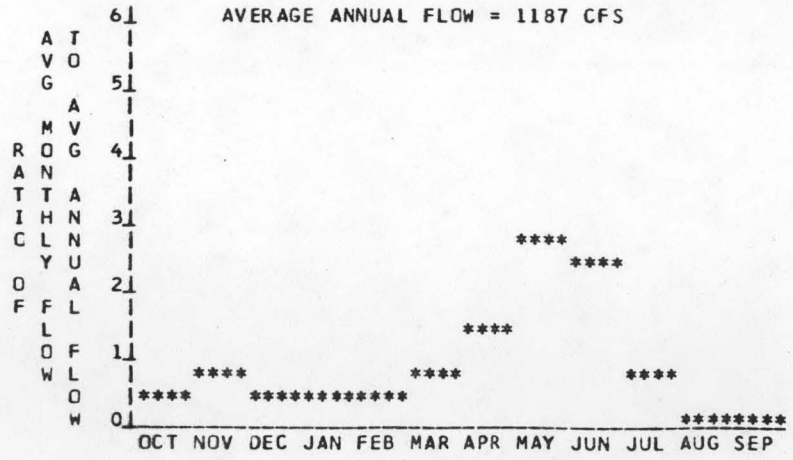
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2435 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2350 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	85 FT.
D.	AVERAGE SLOPE IN REACH	19.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	634 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	180	1.30	11.23	0.99
80	370	2.67	21.72	0.93
50	700	5.04	35.26	0.80
30	1100	7.92	45.35	0.65
10	3300	23.77	73.12	0.35

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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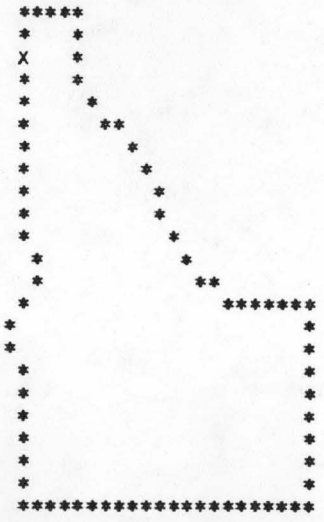
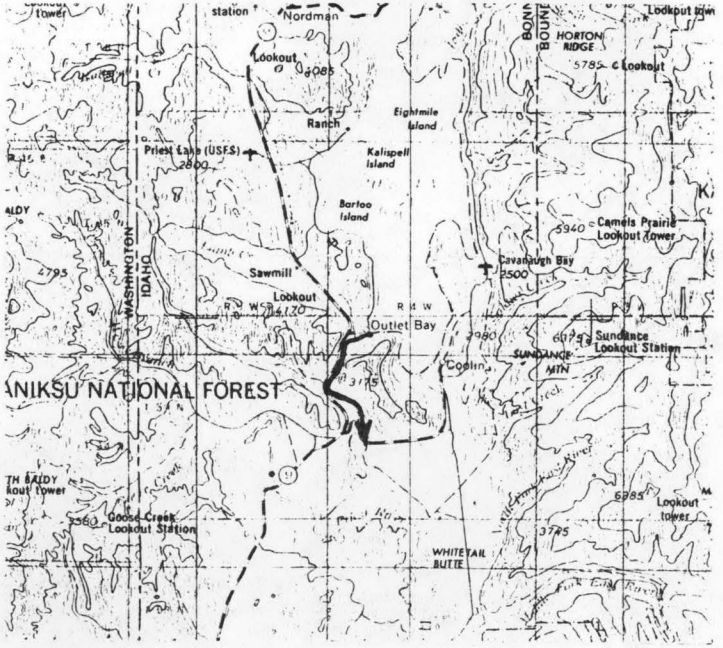
MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004802510O0R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T63N R 4W
D.	LATITUDE, LONGITUDE	48 47 116 53
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 1.1

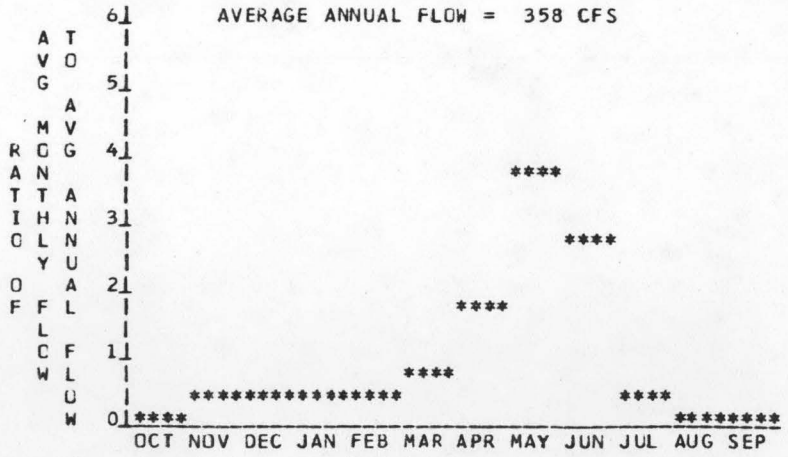
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2450 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2438 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	12 FT.
D.	AVERAGE SLOPE IN REACH	10.9 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	30	0.03	0.27	1.00
80	55	0.06	0.46	0.94
50	123	0.13	0.86	0.78
30	275	0.28	1.40	0.57
10	1101	1.12	2.87	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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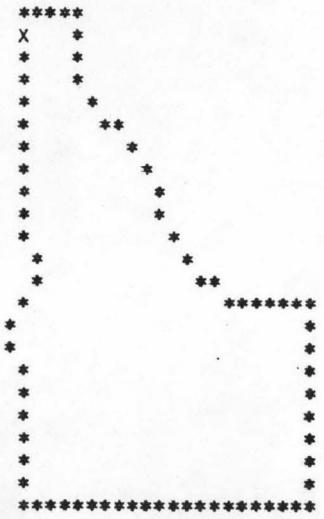
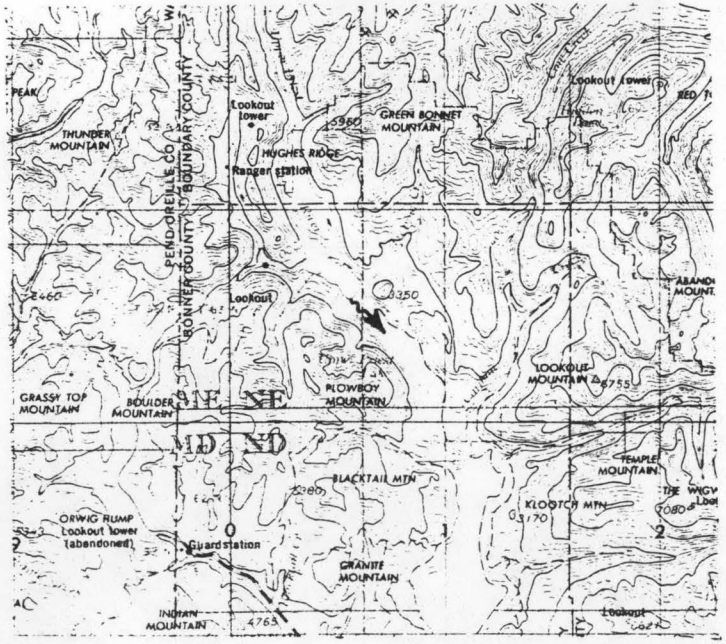




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C048C251000R0012

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY, BONNER
C.	TOWNSHIP, RANGE	T64N R 5W
D.	LATITUDE, LONGITUDE	48 53 116 58
E.	STREAM NAME	PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	1.1 TO 11.4

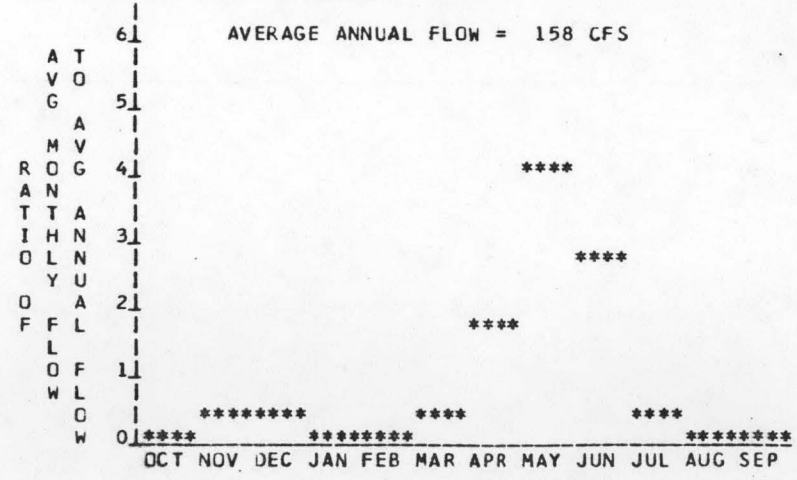
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2850 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2450 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	400 FT.
D.	AVERAGE SLOPE IN REACH	38.8 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	10	0.41	3.59	0.99
80	20	0.83	6.76	0.93
50	50	2.01	13.48	0.77
30	117	4.66	22.77	0.56
10	494	19.54	48.84	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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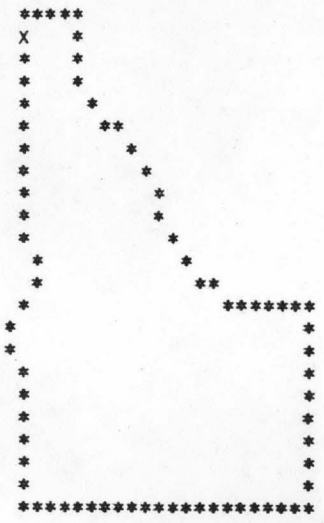
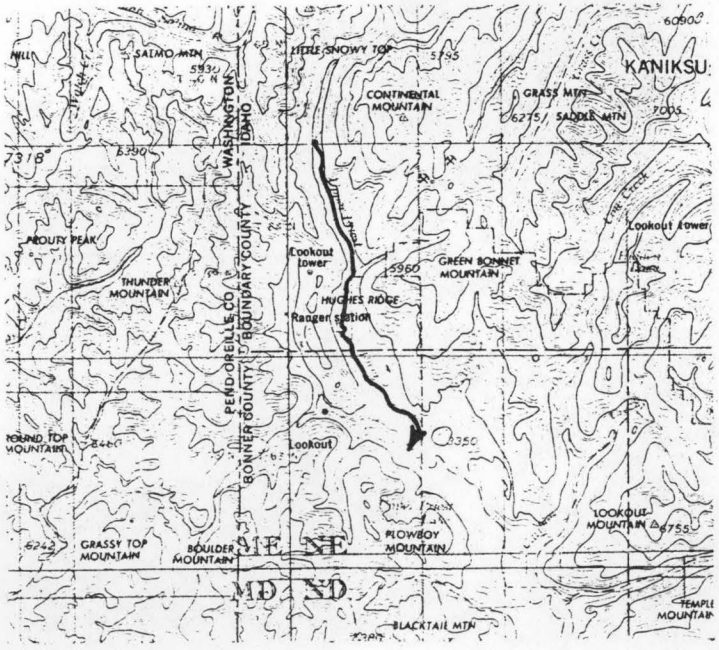




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500480251010R0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T57N R 5W
D.	LATITUDE, LONGITUDE	48 18 116 59
E.	STREAM NAME	L W BR PRIEST RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 0.7

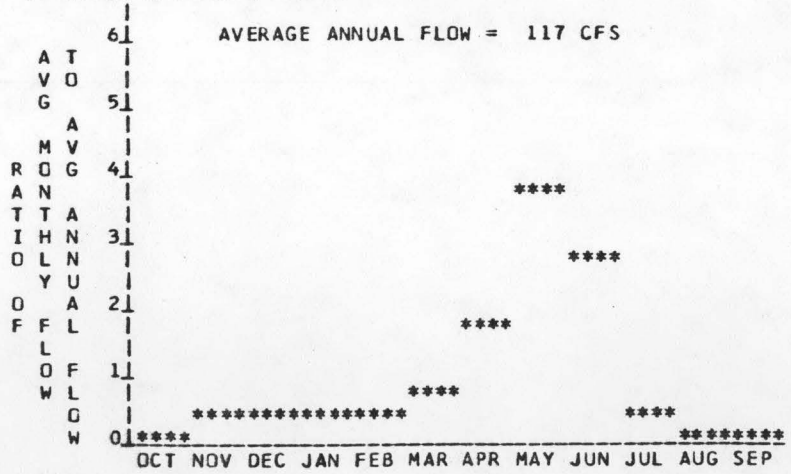
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2100 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2090 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	14.3 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	7	0.05	0.39	0.99
80	14	0.09	0.77	0.93
50	36	0.24	1.58	0.76
30	86	0.56	2.71	0.55
10	369	2.38	5.90	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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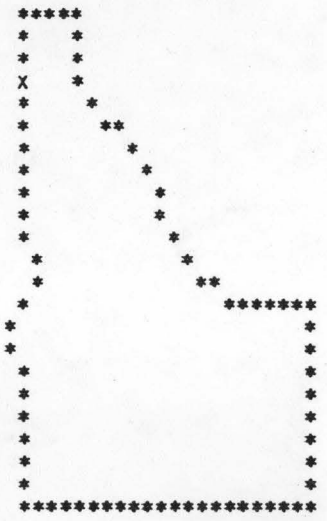
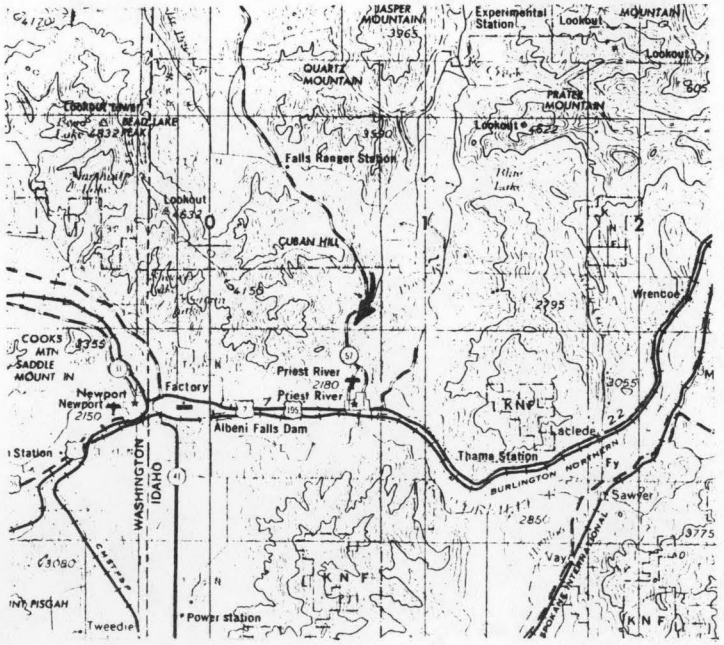




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048025103CR0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T59N R 5W
D.	LATITUDE, LONGITUDE	48 22 116 58
E.	STREAM NAME	U W BR PRIEST R
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 2.5

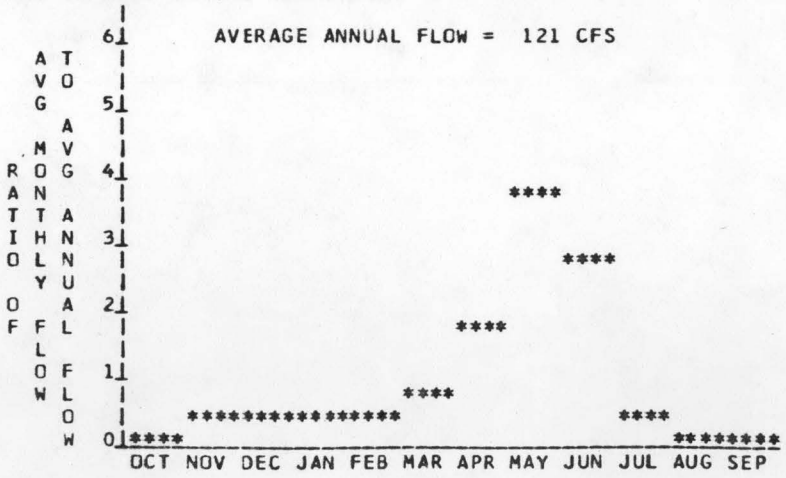
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2410 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2295 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	115 FT.
D.	AVERAGE SLOPE IN REACH	46.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	74 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	7	0.11	0.99	0.99
80	15	0.24	1.93	0.93
50	38	0.59	3.93	0.76
30	90	1.38	6.72	0.55
10	384	5.89	14.62	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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SCALE

MAP NAME
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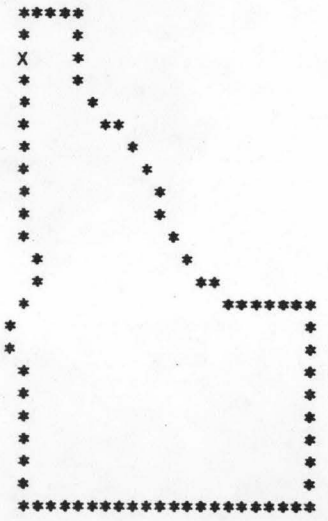
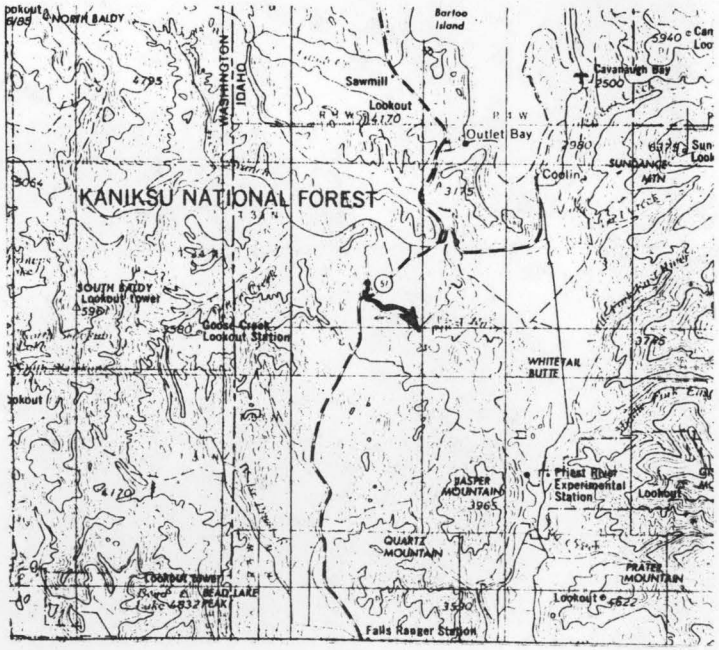




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C25106CR0C01

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T62N R 5W
D.	LATITUDE, LONGITUDE	48 41 116 58
E.	STREAM NAME	GRANITE CR
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 9.4

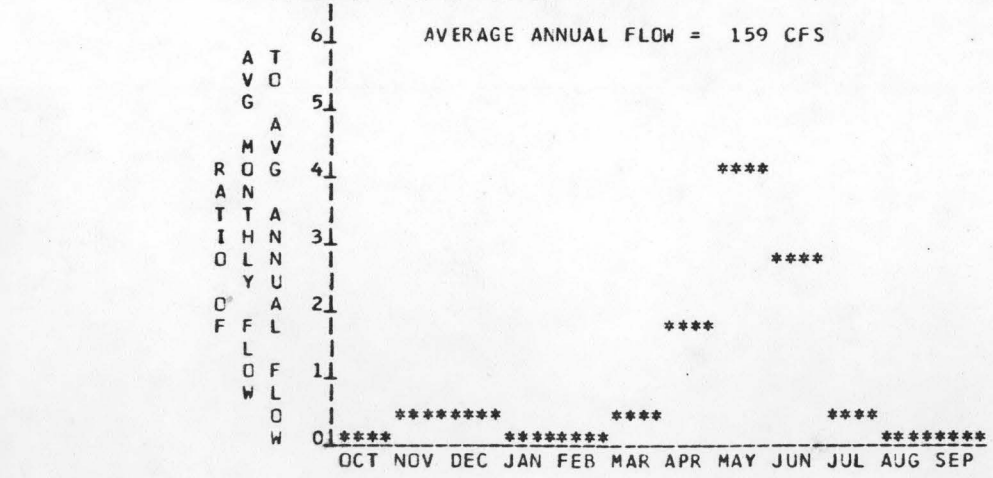
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3005 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2440 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	565 FT.
D.	AVERAGE SLOPE IN REACH	60.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	106 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	0.56	4.92	0.99
80	21	1.13	9.26	0.93
50	51	2.74	18.44	0.77
30	119	6.37	31.14	0.56
10	499	26.70	66.76	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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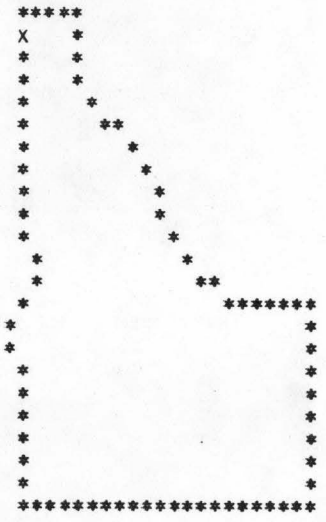
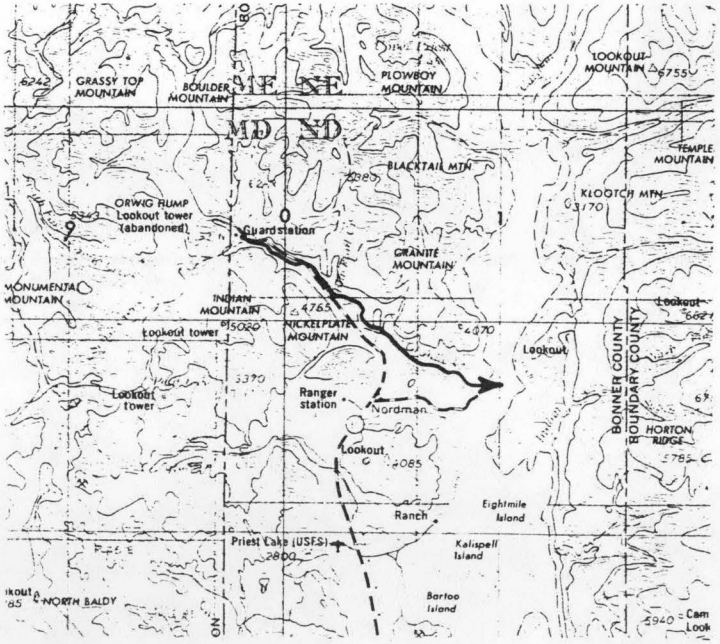
MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048025110OR0C01

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T63N R 5W
D.	LATITUDE, LONGITUDE	48 47 116 58
E.	STREAM NAME	HUGHES FORK
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 2.9

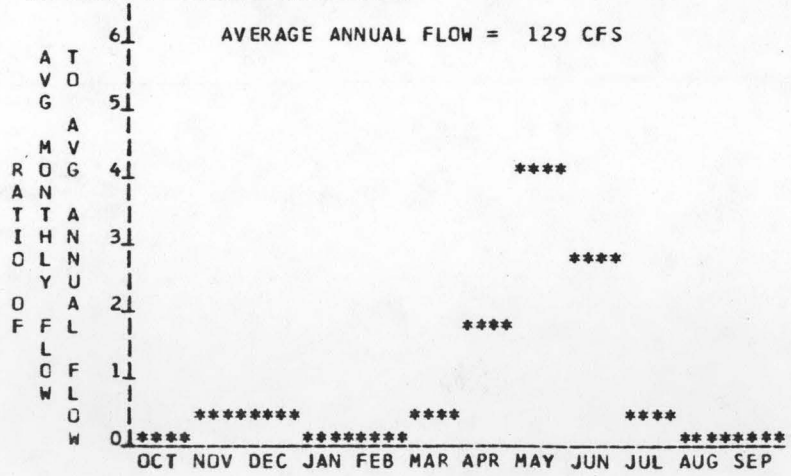
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2690 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2450 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	82.8 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	7	0.21	1.80	0.99
80	16	0.43	3.49	0.93
50	40	1.06	7.08	0.76
30	95	2.48	12.07	0.56
10	406	10.53	26.18	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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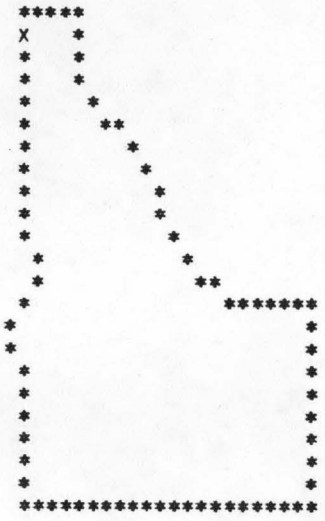
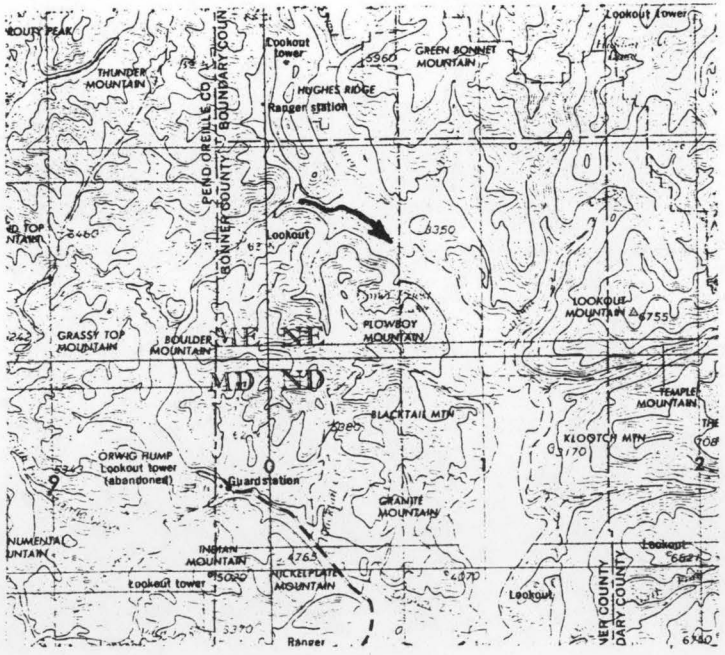




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500480275000R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T58N R 1E
D.	LATITUDE, LONGITUDE	48 20 116 22
E.	STREAM NAME	PACK RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 5.9

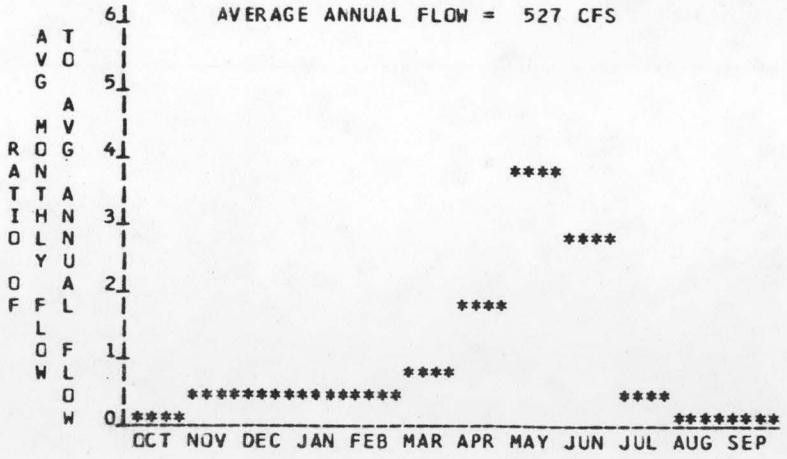
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2065 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2048 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	17 FT.
D.	AVERAGE SLOPE IN REACH	2.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	273 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	0.07	0.65	1.00
80	86	0.13	1.04	0.95
50	188	0.27	1.87	0.79
30	412	0.59	3.00	0.58
10	1607	2.32	6.02	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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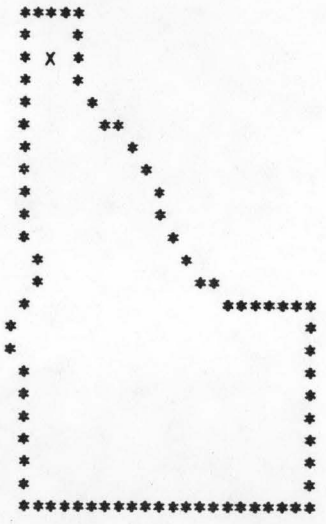

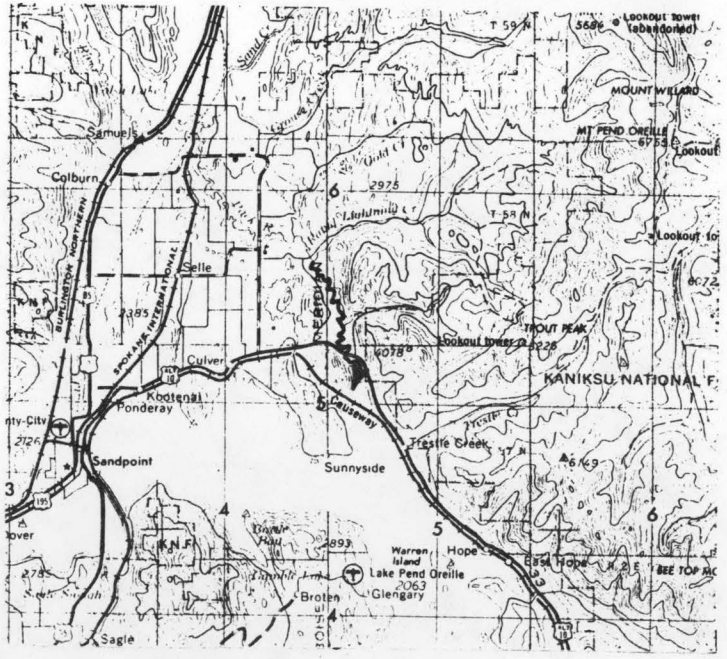

REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C2750CCR0C04

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T58N R 1W
D.	LATITUDE, LONGITUDE	48 23 116 27
E.	STREAM NAME	PACK RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	5.9 TO 13.2

LOCATION MAPS

U.S. TOPO SERIES
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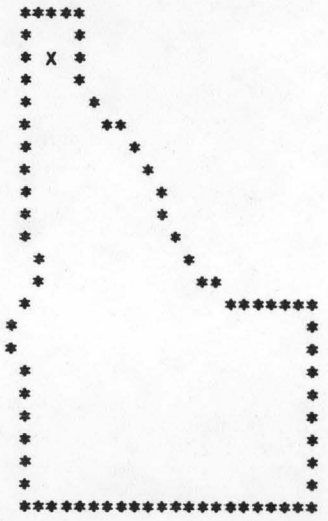
SCALE

MAP NAME
SANDPOINT



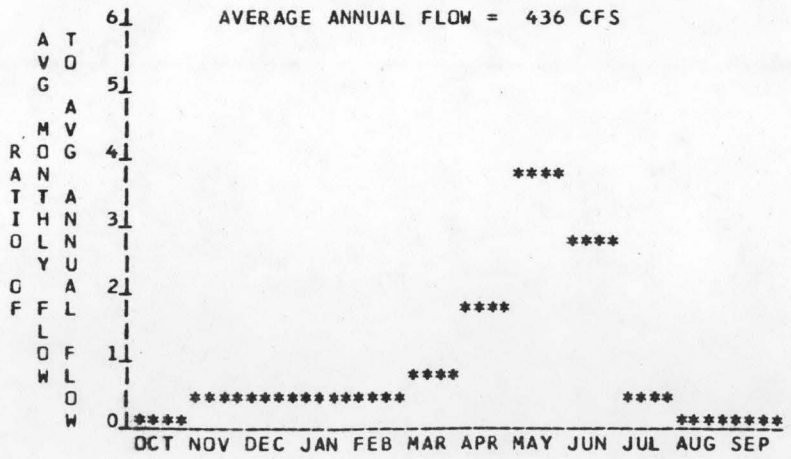
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

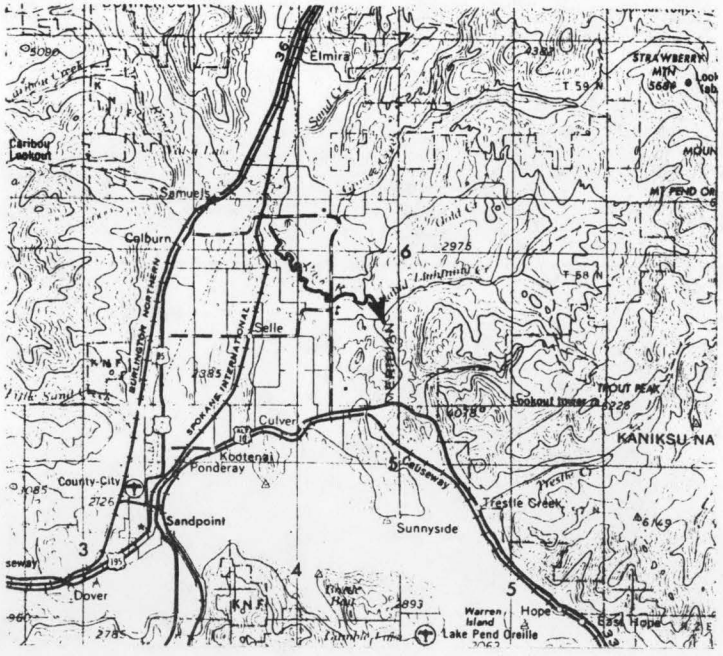
A.	UPSTREAM ELEVATION OF REACH	2090 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2065 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	25 FT.
D.	AVERAGE SLOPE IN REACH	3.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	212 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	0.09	0.74	1.00
80	69	0.15	1.22	0.94
50	153	0.32	2.23	0.78
30	338	0.72	3.60	0.57
10	1334	2.83	7.30	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C27500CR0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T59N R 1W
D.	LATITUDE, LONGITUDE	48 25 116 29
E.	STREAM NAME	PACK RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	13.2 TO 16.7

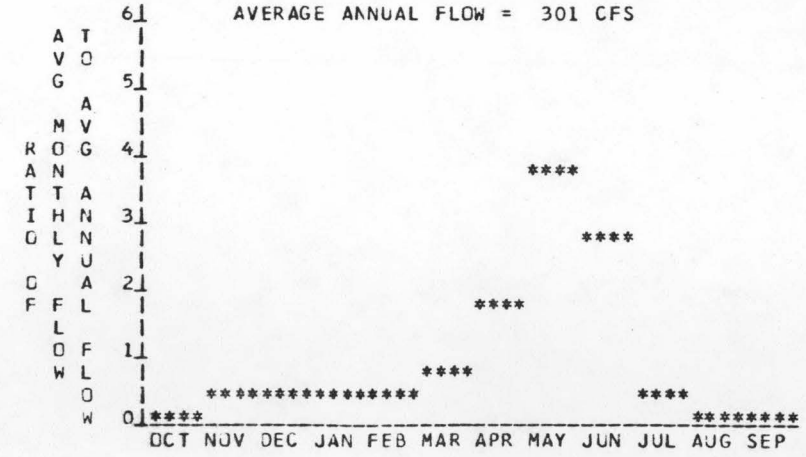
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2100 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2090 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	2.9 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	24	0.02	0.18	1.00
80	44	0.04	0.31	0.94
50	102	0.09	0.59	0.78
30	230	0.20	0.97	0.57
10	930	0.79	2.01	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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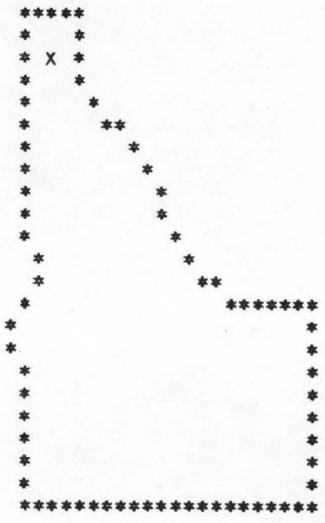
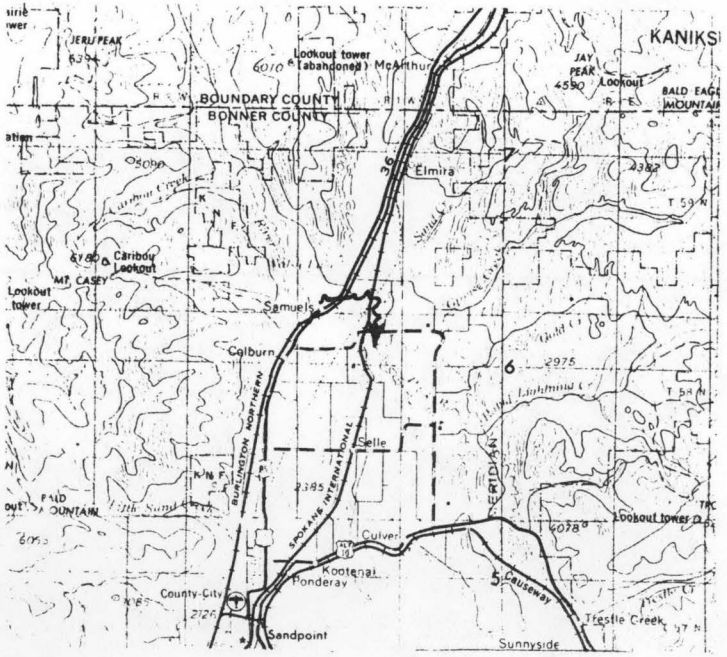
MAP NAME
SANDPOINT





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C27500CR0008

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY, BONNER
C.	TOWNSHIP, RANGE	T59N R 2W
D.	LATITUDE, LONGITUDE	48 28 116 35
E.	STREAM NAME	PACK RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	16.7 TO 26.4

LOCATION MAPS

U.S. TOPO SERIES
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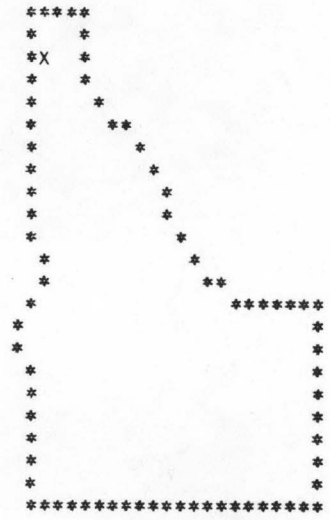
SCALE

MAP NAME
SANDPOINT



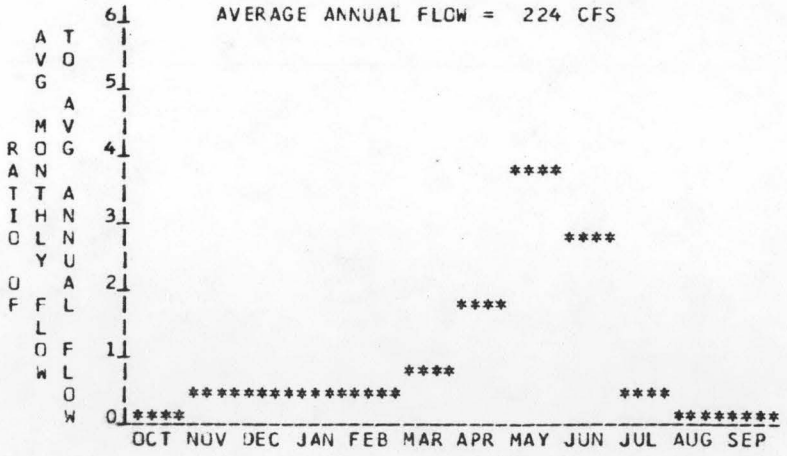
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

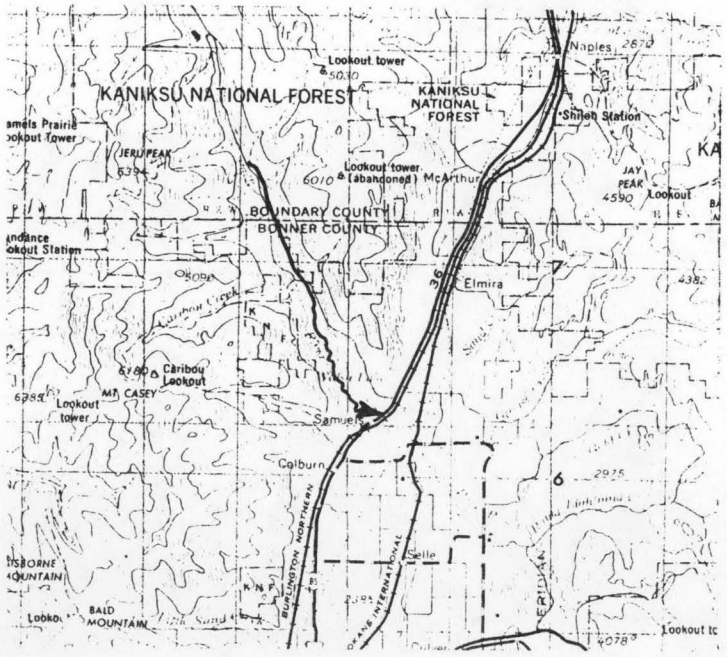
A.	UPSTREAM ELEVATION OF REACH	2420 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2100 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	320 FT.
D.	AVERAGE SLOPE IN REACH	33.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	114 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	0.45	3.94	1.00
80	31	0.86	7.07	0.94
50	74	2.02	13.68	0.77
30	170	4.61	22.76	0.56
10	698	18.94	47.87	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350048C275CCORC010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BOUNDARY
C.	TOWNSHIP, RANGE	T60N R 2W
D.	LATITUDE, LONGITUDE	48 34 116 37
E.	STREAM NAME	PACK RIVER
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	26.4 TO 28.3

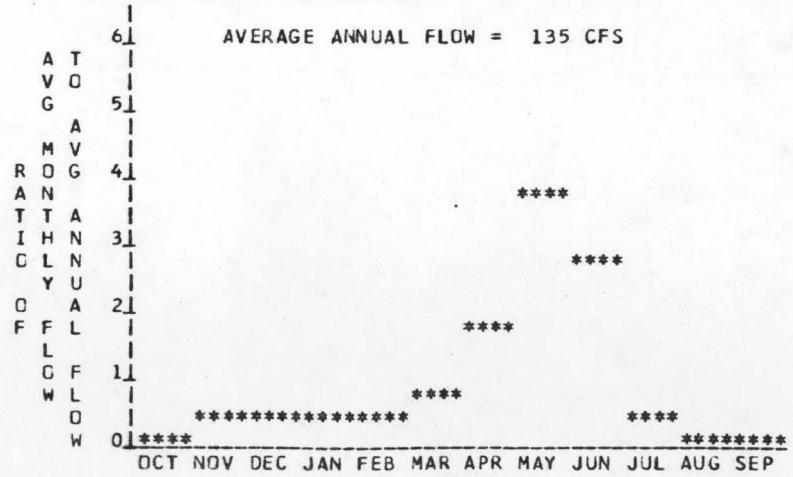
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2620 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2420 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	200 FT.
D.	AVERAGE SLOPE IN REACH	105.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	50 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	0.19	1.66	0.99
80	17	0.39	3.20	0.93
50	42	0.97	6.47	0.76
30	100	2.26	11.00	0.56
10	424	9.57	23.80	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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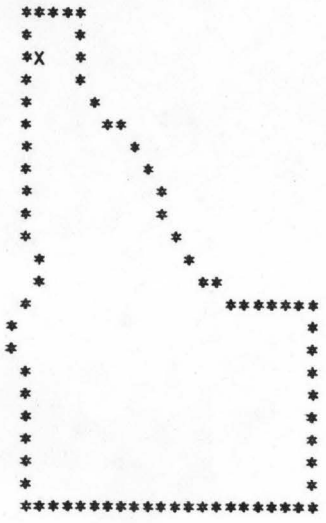
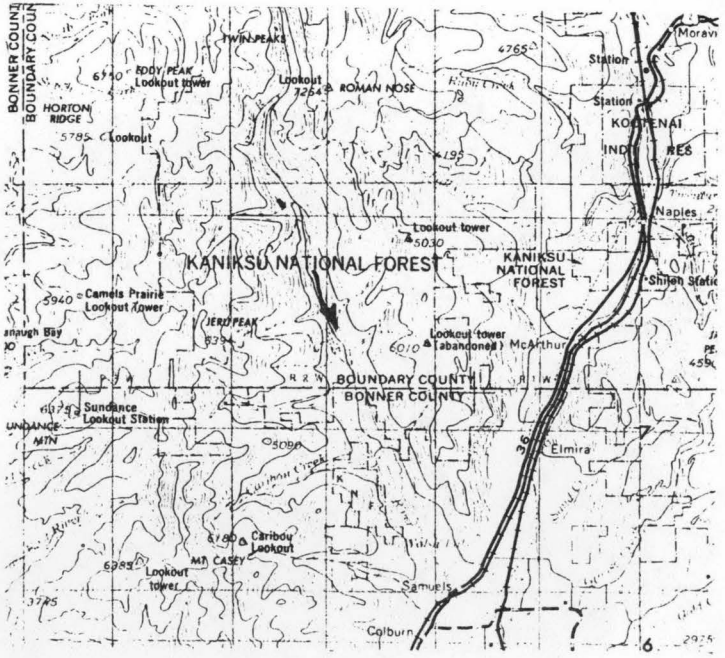




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C048C350010RO001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T56N R 2E
D.	LATITUDE, LONGITUDE	48 11 116 10
E.	STREAM NAME	LIGHTNING CREEK
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	0.0 TO 8.5

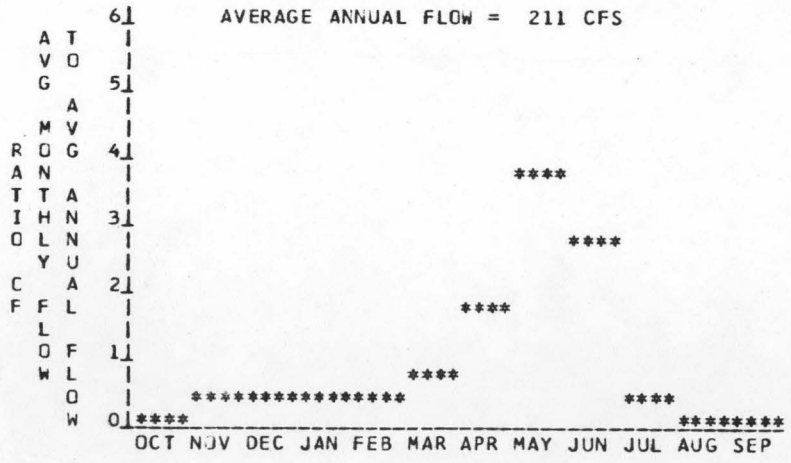
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2710 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2080 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	630 FT.
D.	AVERAGE SLOPE IN REACH	74.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	113 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	0.82	7.12	1.00
80	29	1.57	12.90	0.94
50	69	3.71	25.10	0.77
30	159	8.50	41.88	0.56
10	656	35.05	88.39	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

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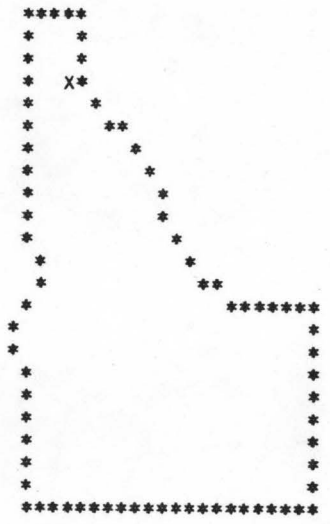
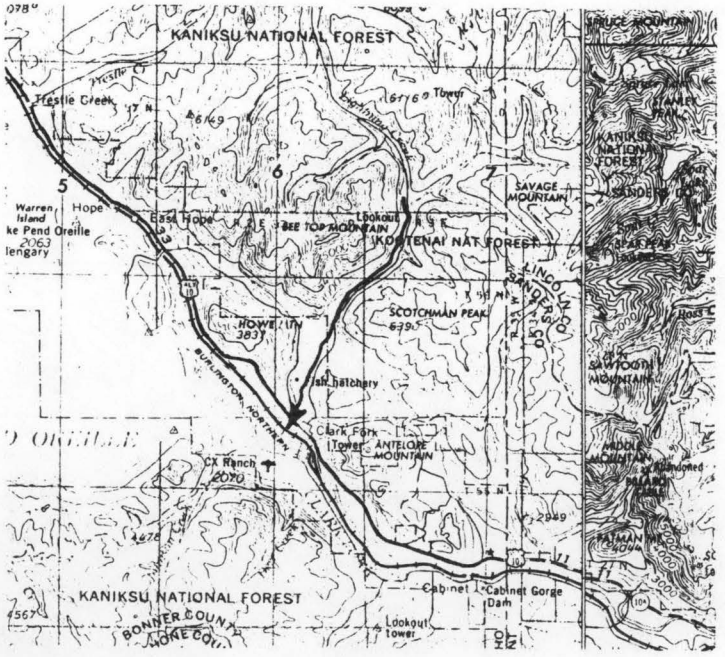




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C048C350010R0003

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNER
C.	TOWNSHIP, RANGE	T57N R 2E
D.	LATITUDE, LONGITUDE	48 18 116 9
E.	STREAM NAME	LIGHTNING CREEK
F.	MAJOR BASIN NAME	PEND OREILLE RIVER
G.	RIVER MILE	8.5 TO 11.6

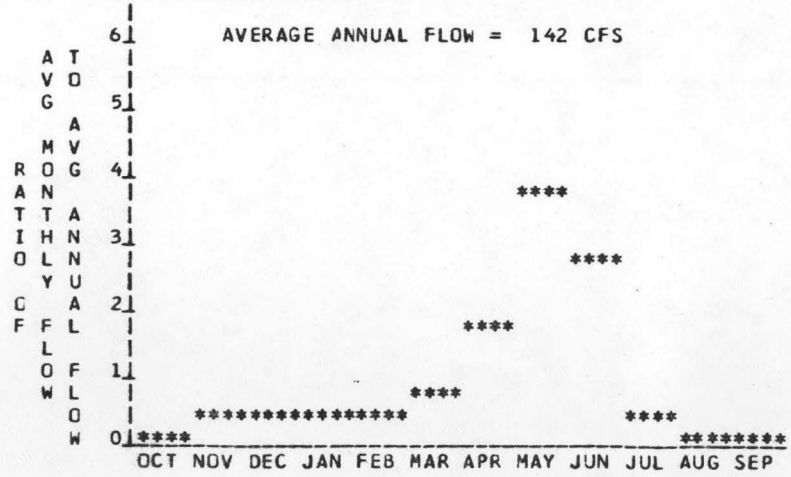
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3020 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2710 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	310 FT.
D.	AVERAGE SLOPE IN REACH	100.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	63 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	9	0.29	2.53	0.99
80	18	0.59	4.83	0.93
50	45	1.45	9.72	0.77
30	106	3.38	16.48	0.56
10	447	14.27	35.56	0.28

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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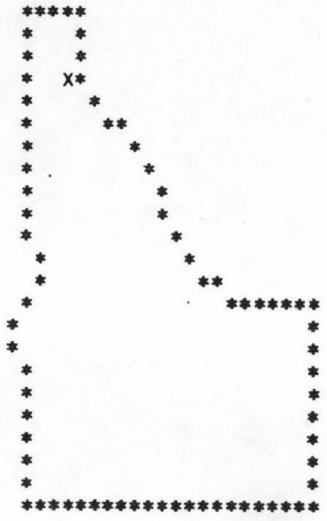
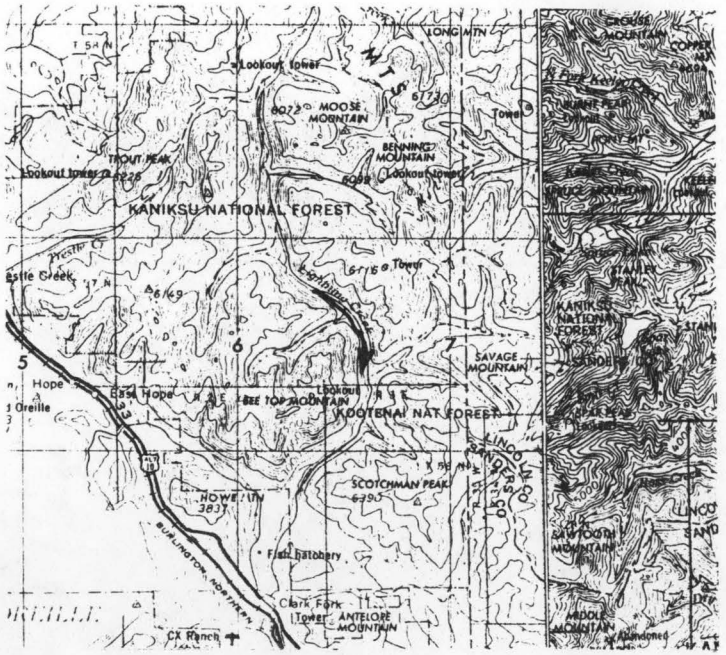




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004200000C0R0001

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI
C.	TOWNSHIP, RANGE	T50N R05W
D.	LATITUDE, LONGITUDE	47 42 117 0
E.	STREAM NAME	SPOKANE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	96.5 TO 101.7

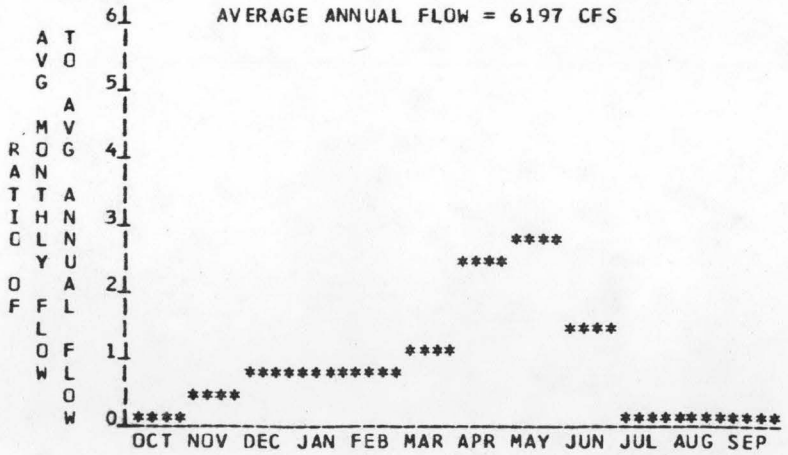
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2080 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2030 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	50 FT.
D.	AVERAGE SLOPE IN REACH	9.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	3840 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	700	2.97	25.70	0.99
80	1300	5.51	45.19	0.94
50	3500	14.83	98.27	0.76
30	7000	29.66	150.24	0.58
10	16200	68.64	218.54	0.36

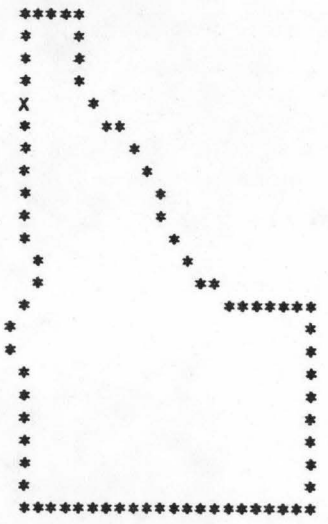
IV TYPICAL ANNUAL HYDROGRAPH

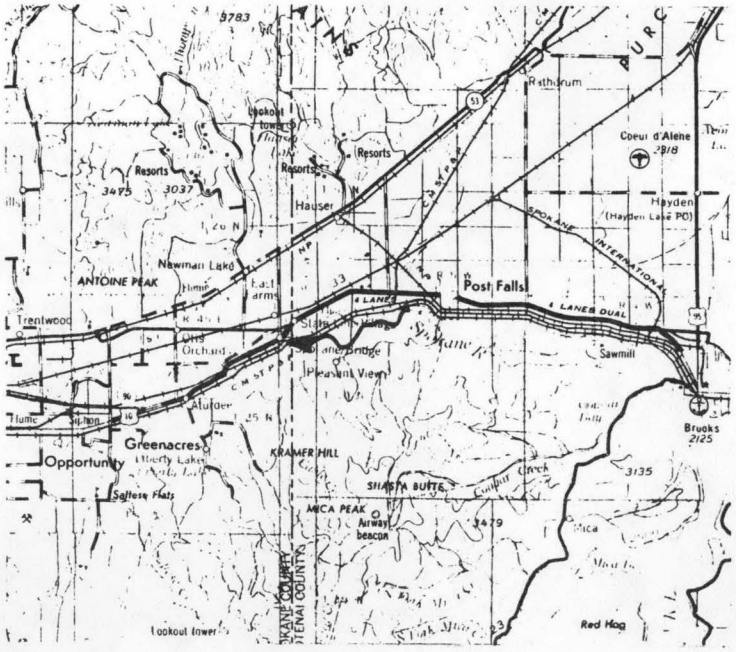


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040000R0002

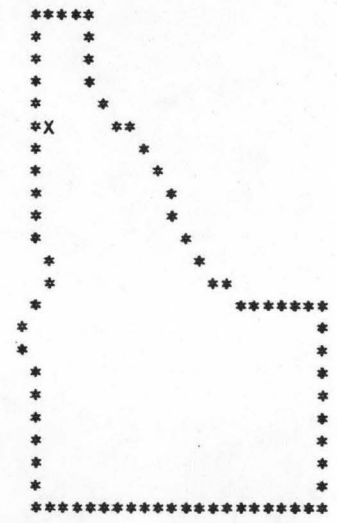
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI
C.	TOWNSHIP, RANGE	T48N R02W
D.	LATITUDE, LONGITUDE	47 29 116 35
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 15.5

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



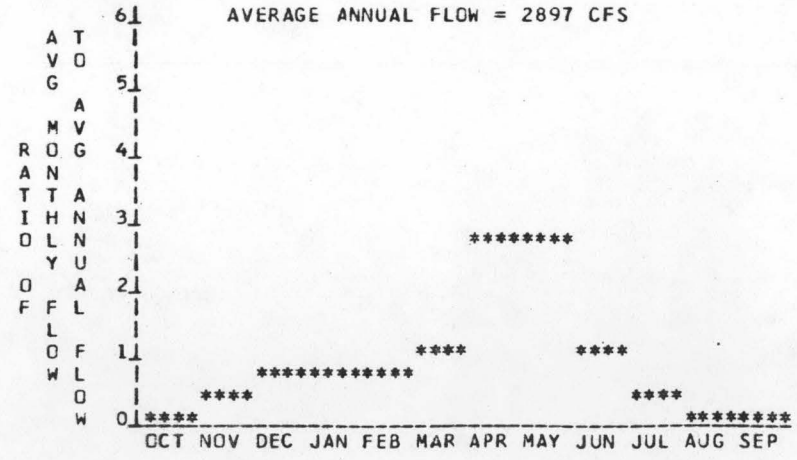
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

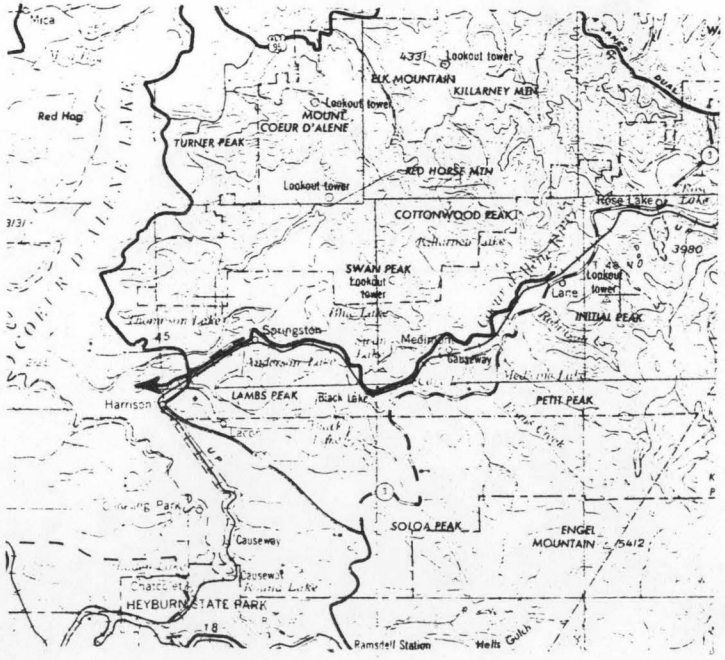
A.	UPSTREAM ELEVATION OF REACH	2130 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2125 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	5 FT.
D.	AVERAGE SLOPE IN REACH	0.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1450 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	362	0.15	1.34	1.00
80	505	0.21	1.81	0.96
50	1133	0.48	3.32	0.79
30	2983	1.26	6.07	0.55
10	7953	3.37	9.76	0.33

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040COR0004

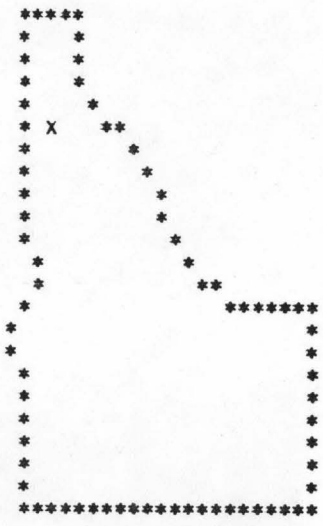
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI
C.	TOWNSHIP, RANGE	T48N R01W
D.	LATITUDE, LONGITUDE	47 33 116 25
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	15.5 TO 27.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



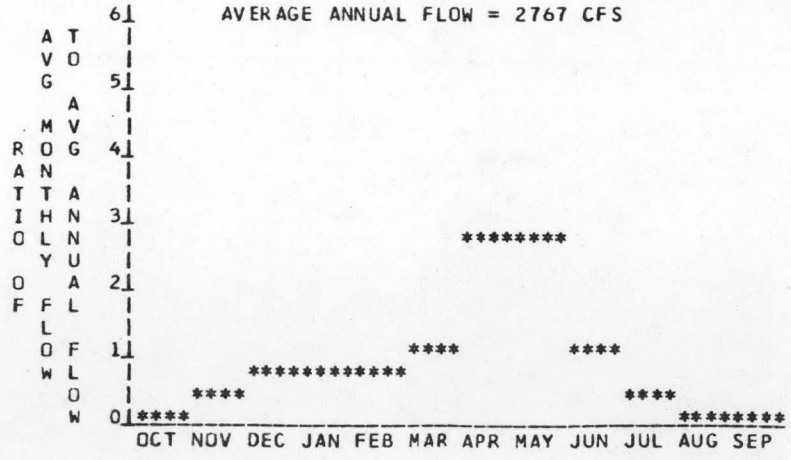
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

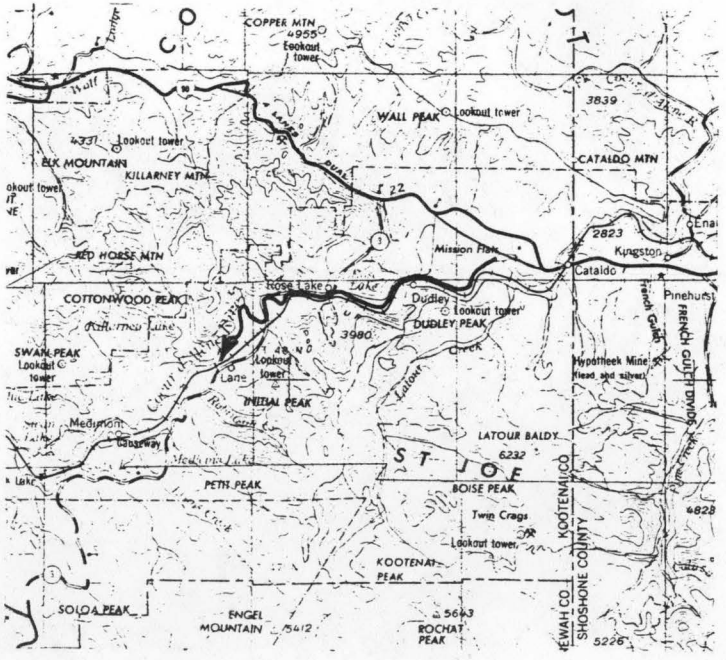
A.	UPSTREAM ELEVATION OF REACH	2140 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2130 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	0.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1334 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	343	0.29	2.54	1.00
80	482	0.41	3.44	0.96
50	1082	0.92	6.34	0.79
30	2847	2.41	11.58	0.55
10	7600	6.44	18.64	0.33

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050400R0CC8

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI, SHOSHONE
C.	TOWNSHIP, RANGE	T49N R01E
D.	LATITUDE, LONGITUDE	47 33 116 20
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	27.1 TO 30.6

LOCATION MAPS

U.S. TOPO SERIES
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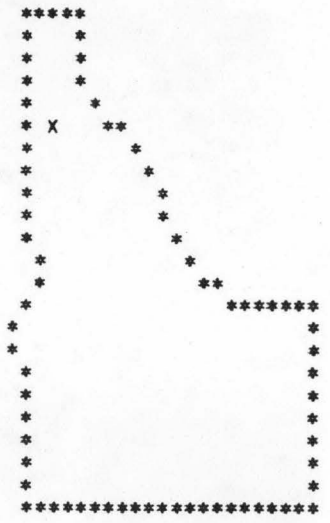
SCALE

MAP NAME
SPOKANE



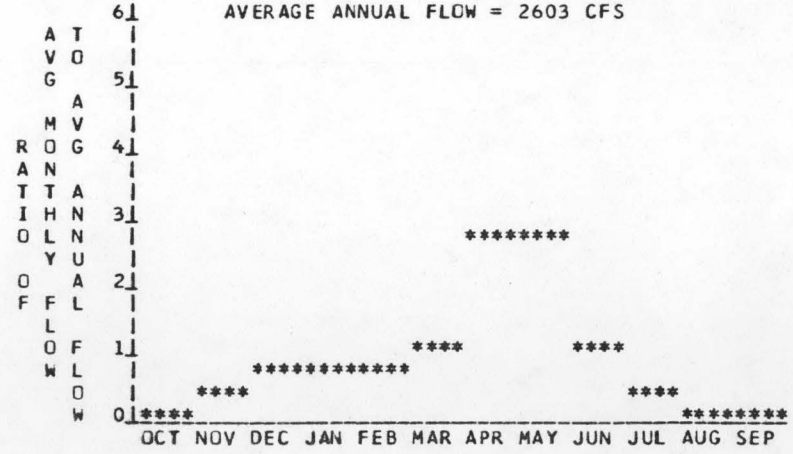
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

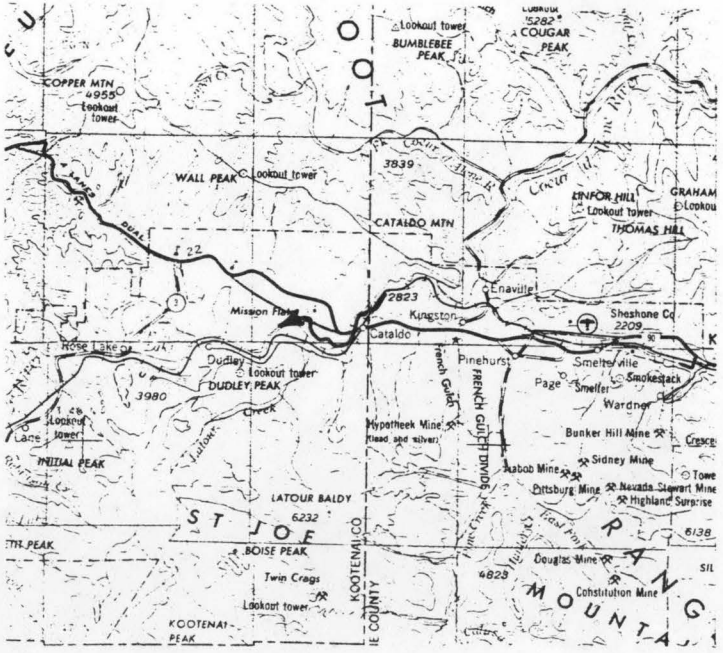
A.	UPSTREAM ELEVATION OF REACH	2150 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2140 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	2.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1212 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	320	0.27	2.37	1.00
80	452	0.38	3.23	0.96
50	1018	0.86	5.96	0.79
30	2675	2.27	10.88	0.55
10	7154	6.06	17.53	0.33

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040C0R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T49N R01E
D.	LATITUDE, LONGITUDE	47 34 116 17
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	30.6 TO 35.4

LOCATION MAPS

U.S. TOPO SERIES
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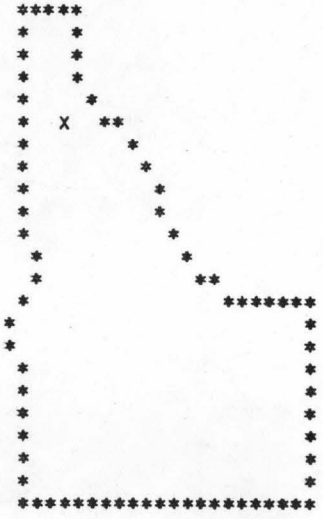
SCALE

MAP NAME
SPOKANE



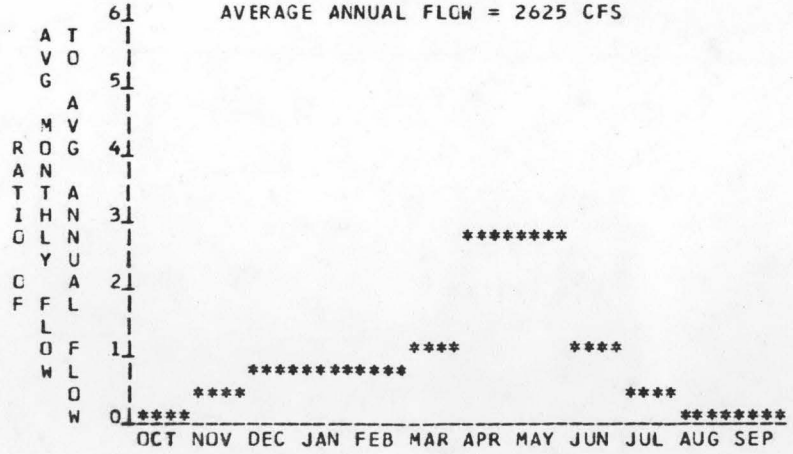
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

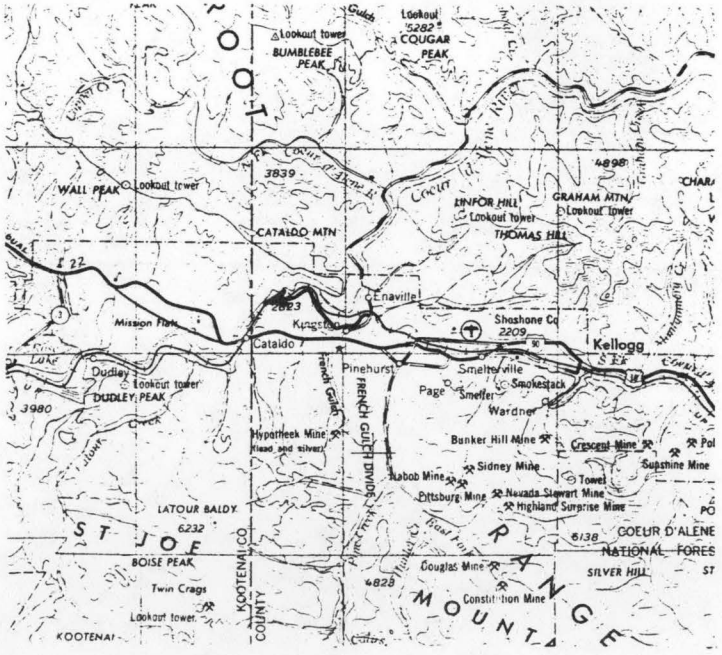
A.	UPSTREAM ELEVATION OF REACH	2160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2150 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	2.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1196 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	323	0.27	2.40	1.00
80	456	0.39	3.26	0.96
50	1026	0.87	6.01	0.79
30	2698	2.29	10.98	0.55
10	7213	6.11	17.68	0.33

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C504000R0012

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T49N R02E
D.	LATITUDE, LONGITUDE	47 35 116 16
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	35.4 TO 38.7

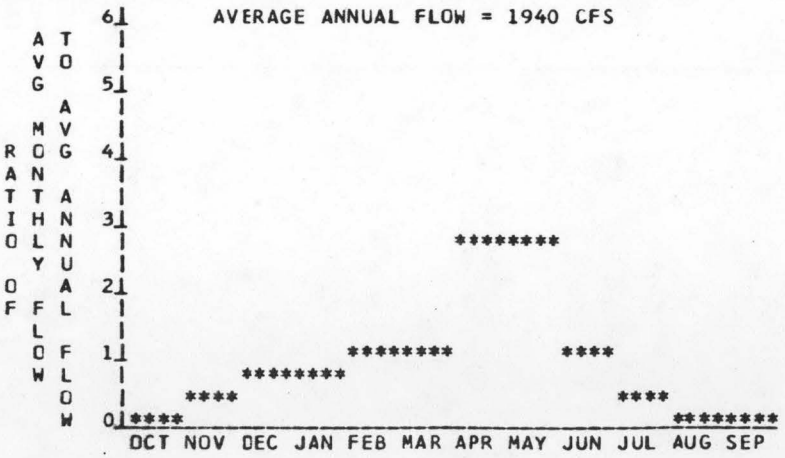
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2187 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	27 FT.
D.	AVERAGE SLOPE IN REACH	8.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	888 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	229	0.53	4.59	1.00
80	333	0.76	6.42	0.96
50	759	1.74	11.96	0.79
30	1982	4.54	21.77	0.55
10	5346	12.23	35.25	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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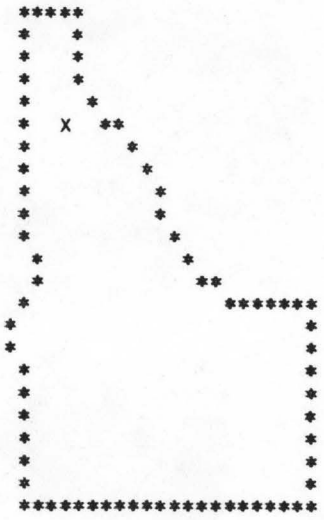
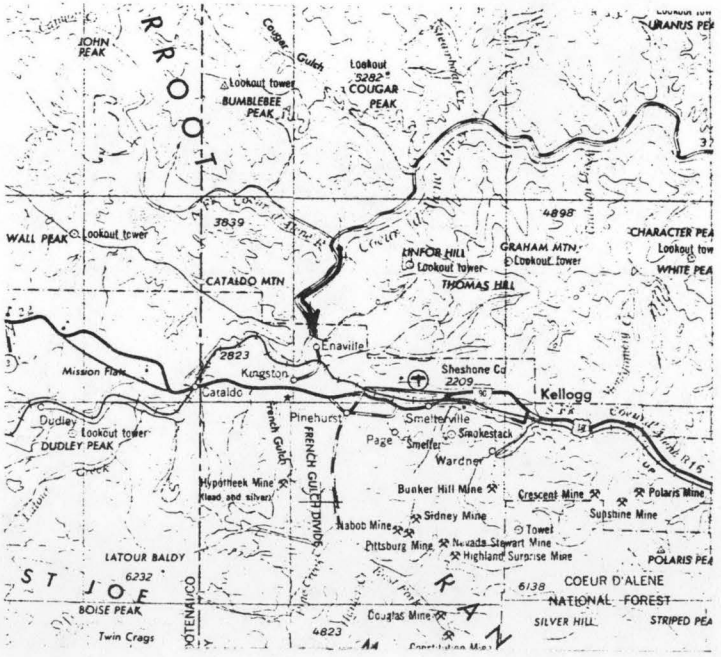
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040000R0014

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T50N R02E
D.	LATITUDE, LONGITUDE	47 38 116 12
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	38.7 TO 44.6

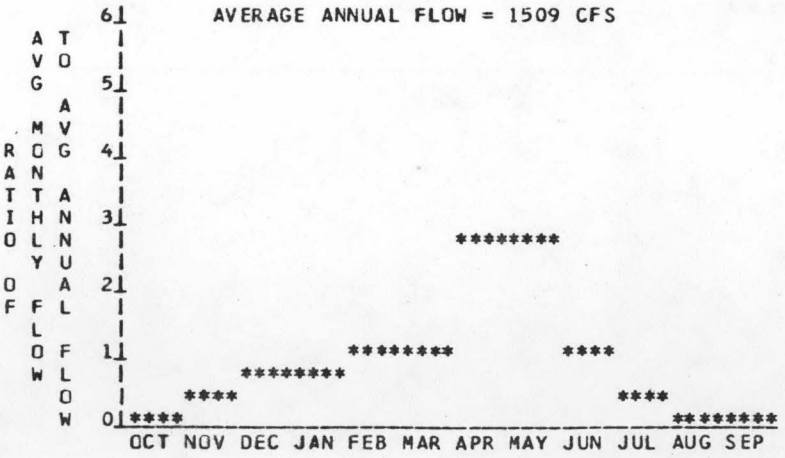
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2187 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	53 FT.
D.	AVERAGE SLOPE IN REACH	9.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	707 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	172	0.78	6.78	1.00
80	257	1.15	9.68	0.96
50	590	2.65	18.20	0.78
30	1534	6.89	33.05	0.55
10	4166	18.71	53.77	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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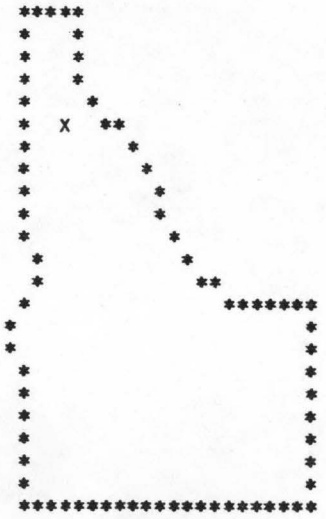
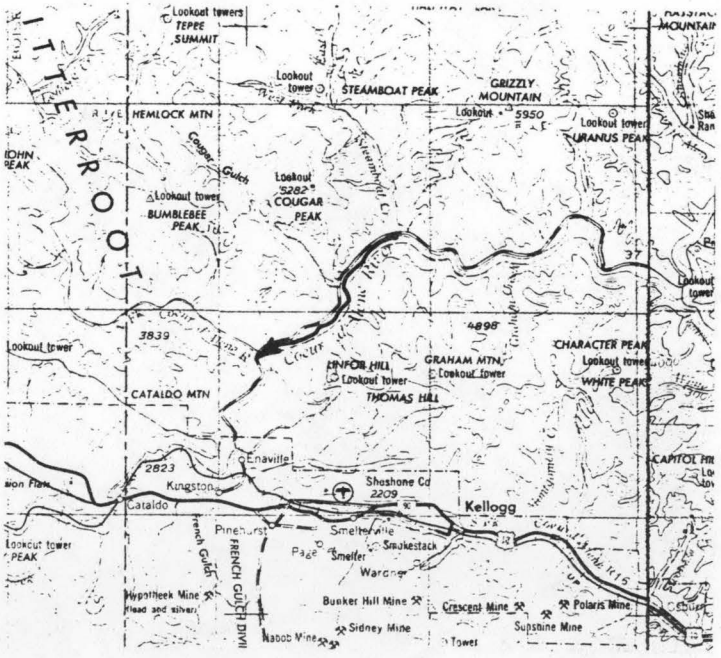
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050400OR0018

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T50N R03E
D.	LATITUDE, LONGITUDE	47 38 116 4
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	44.6 TO 58.3

LOCATION MAPS

U.S. TOPO SERIES
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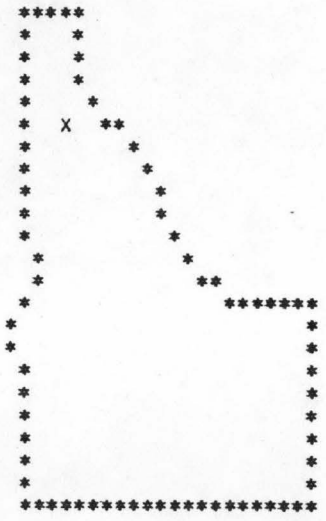
SCALE

MAP NAME
SPOKANE



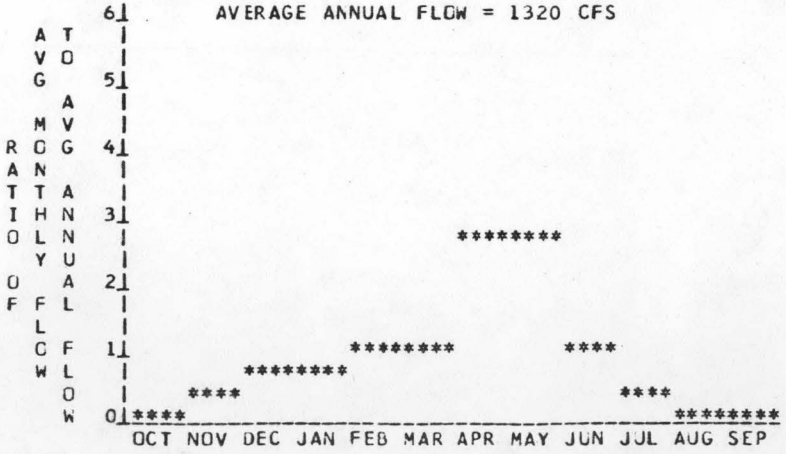
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

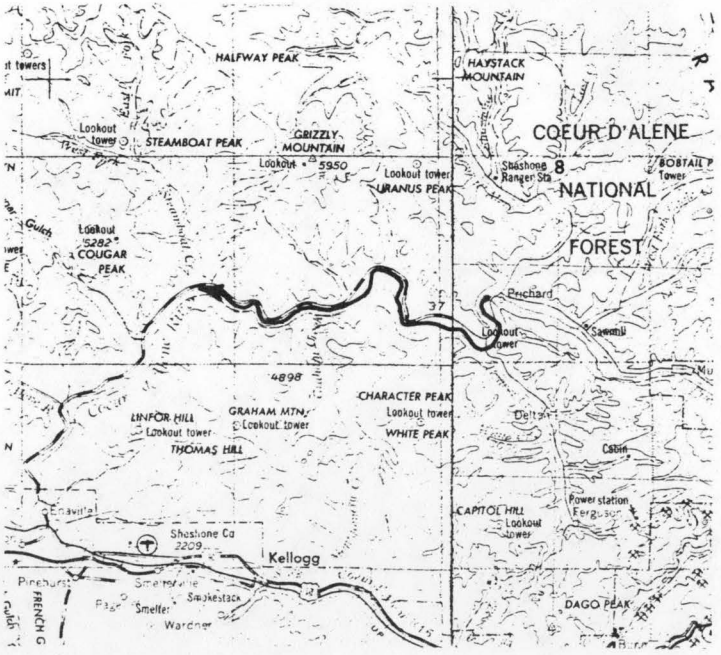
A.	UPSTREAM ELEVATION OF REACH	2400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2240 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	160 FT.
D.	AVERAGE SLOPE IN REACH	11.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	627 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	148	2.01	17.57	1.00
80	223	3.03	25.41	0.96
50	516	7.00	48.00	0.78
30	1338	18.15	87.06	0.55
10	3648	49.48	141.94	0.33

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C5040C0R0024

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T5ON R04E
D.	LATITUDE, LONGITUDE	47 42 115 57
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	58.3 TO 64.8

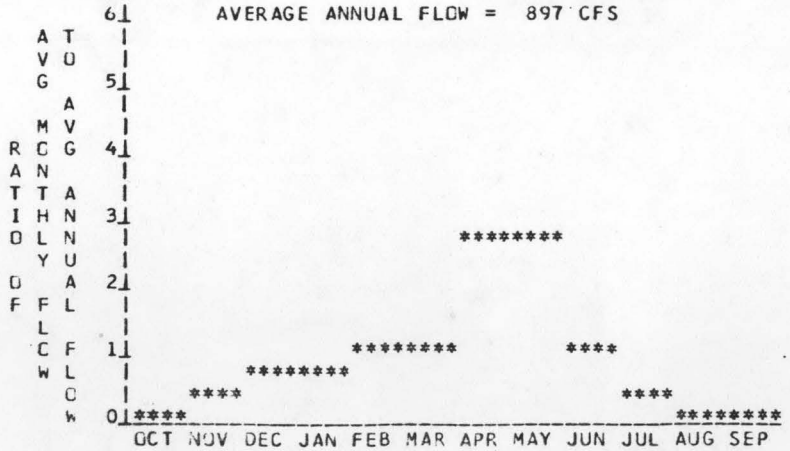
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2400 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	12.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	435 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	0.65	5.67	1.00
80	149	1.02	8.48	0.95
50	350	2.38	16.24	0.78
30	902	6.12	29.34	0.55
10	2487	16.86	48.17	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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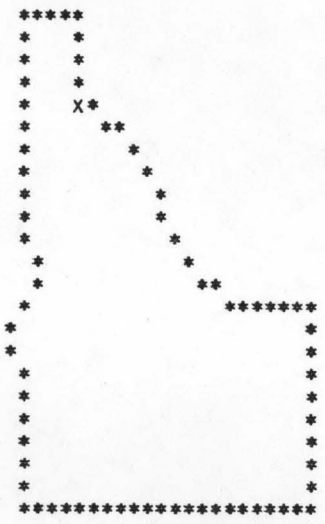
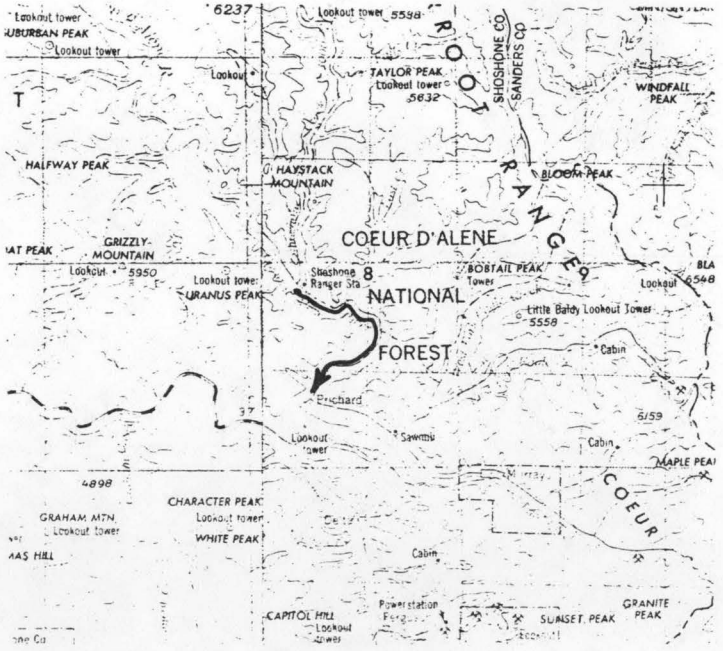
SCALE

MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500420504000R0026

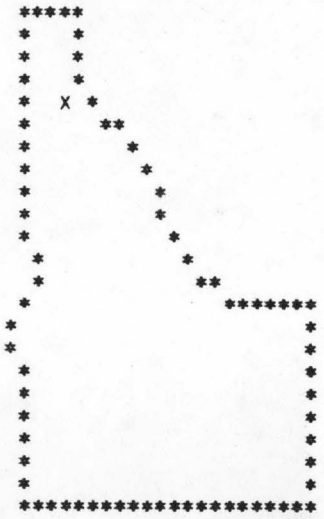
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T51N R03E
D.	LATITUDE, LONGITUDE	47 48 116 5
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	64.8 TO 83.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



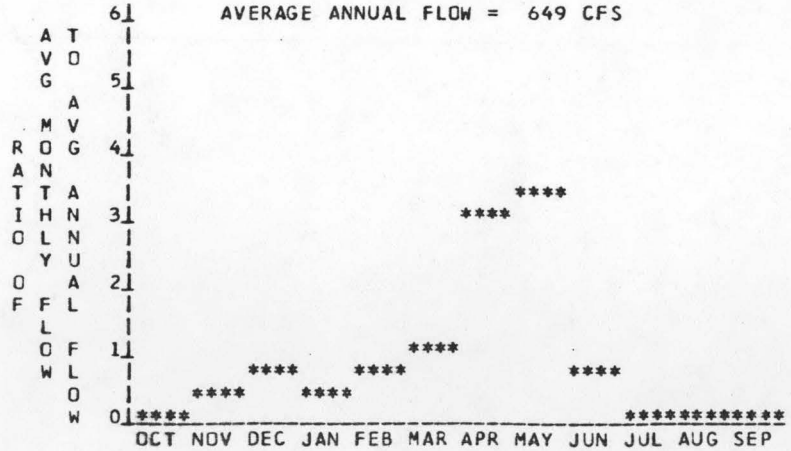
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

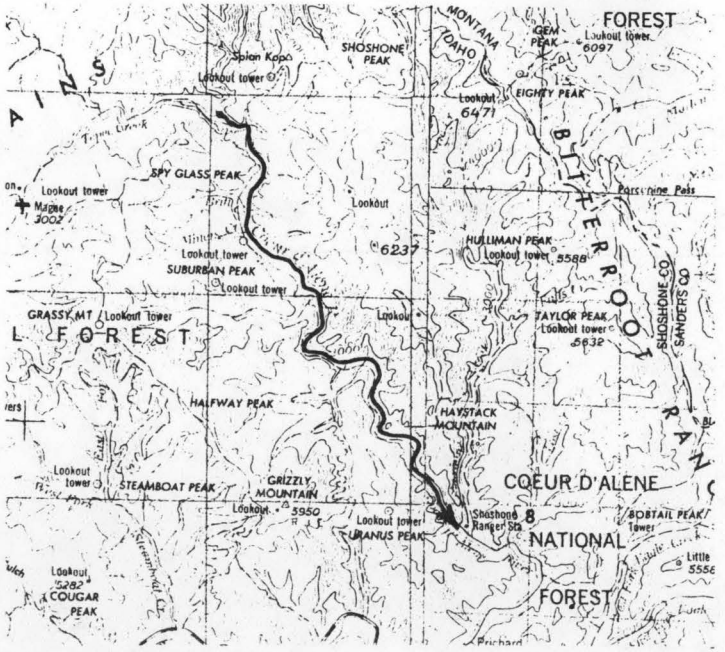
A.	UPSTREAM ELEVATION OF REACH	2800 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	320 FT.
D.	AVERAGE SLOPE IN REACH	17.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	330 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	1.80	15.70	1.00
80	107	2.91	24.20	0.95
50	253	6.89	46.86	0.78
30	649	17.60	84.40	0.55
10	1805	48.97	139.35	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040O0R0027

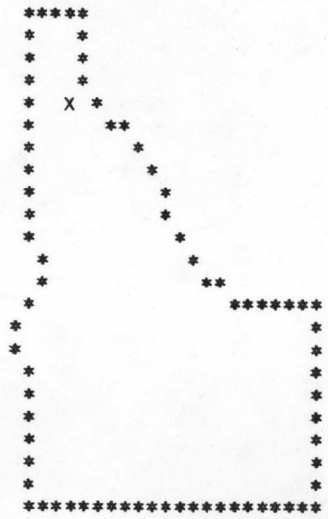
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T53N R03E
D.	LATITUDE, LONGITUDE	47 55 116 5
E.	STREAM NAME	COEUR D'ALENE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	83.6 TO 91.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



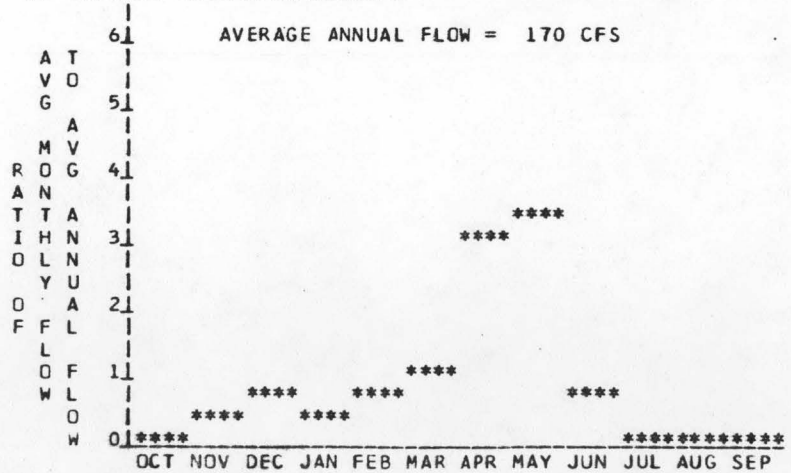
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

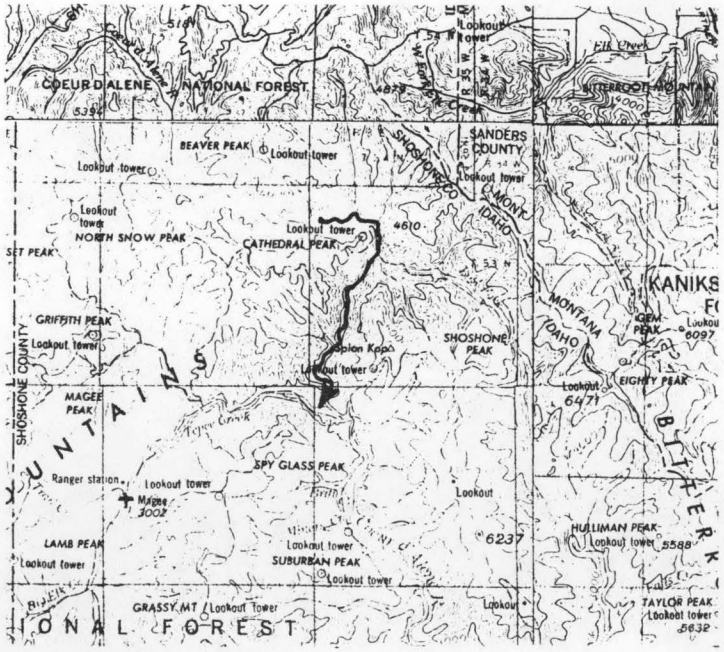
A.	UPSTREAM ELEVATION OF REACH	3160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	43.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	100 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	14	0.53	4.59	1.00
80	0.97	26	7.99	0.94
50	66	2.41	16.21	0.77
30	166	6.01	28.79	0.55
10	480	17.36	48.68	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C5C4CCCR0005

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI
C.	TOWNSHIP, RANGE	T48N R01E
D.	LATITUDE, LONGITUDE	47 30 116 21
E.	STREAM NAME	LATOUR CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 1.8

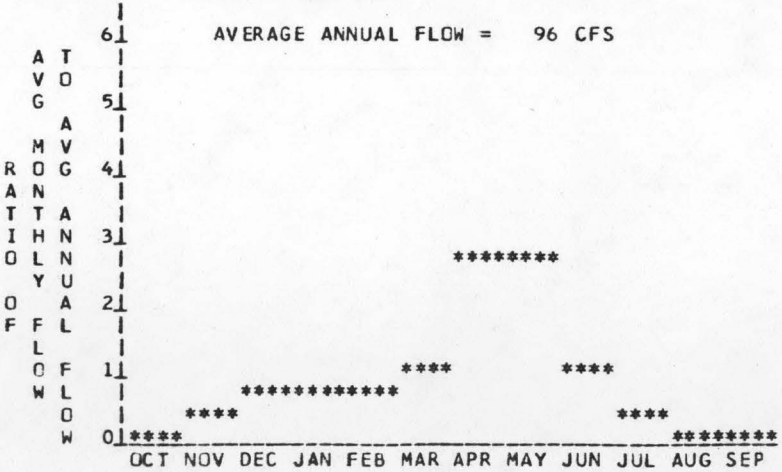
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2140 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	100 FT.
D.	AVERAGE SLOPE IN REACH	55.6 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	7	0.11	0.93	1.00
80	14	0.21	1.71	0.94
50	37	0.53	3.55	0.76
30	92	1.31	6.26	0.55
10	272	3.83	10.69	0.32

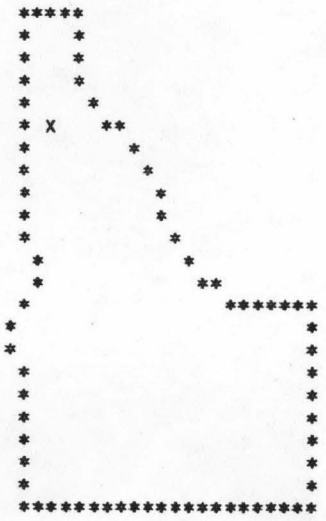
IV TYPICAL ANNUAL HYDROGRAPH

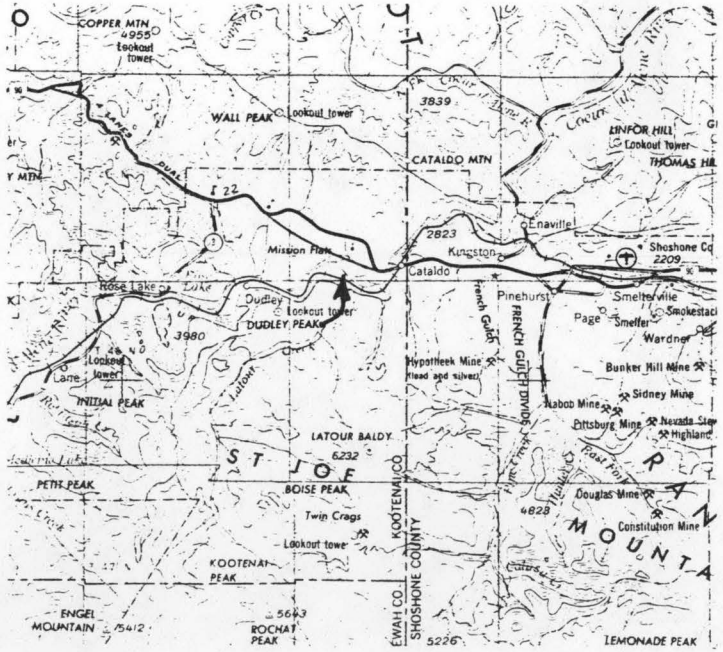


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040I0R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T49N R02E
D.	LATITUDE, LONGITUDE	47 34 116 10
E.	STREAM NAME	SO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 4.1

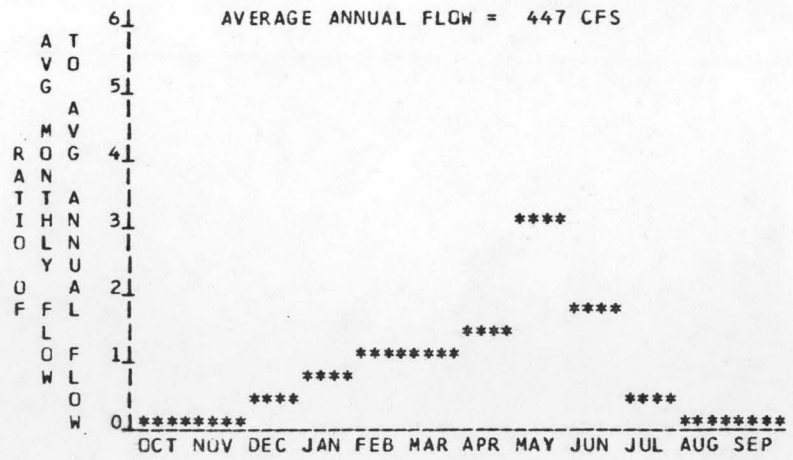
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2320 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	160 FT.
D.	AVERAGE SLOPE IN REACH	39.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	216 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	0.59	5.14	1.00
80	72	0.99	8.20	0.95
50	174	2.37	16.08	0.77
30	443	6.02	28.86	0.55
10	1248	16.92	47.96	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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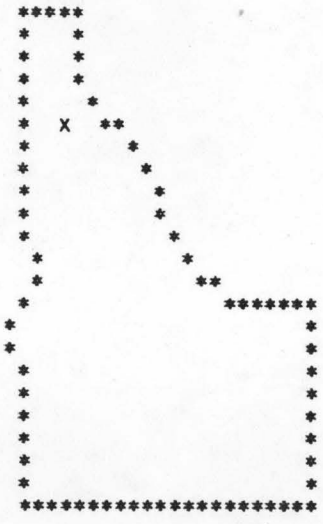
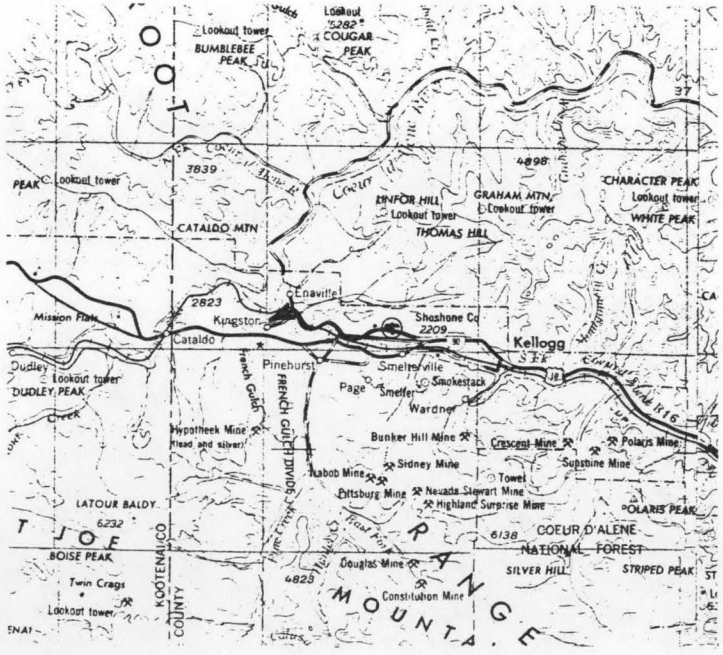
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040101R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T48N R03E
D.	LATITUDE, LONGITUDE	47 33 116 6
E.	STREAM NAME	SO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	4.1 TO 11.5

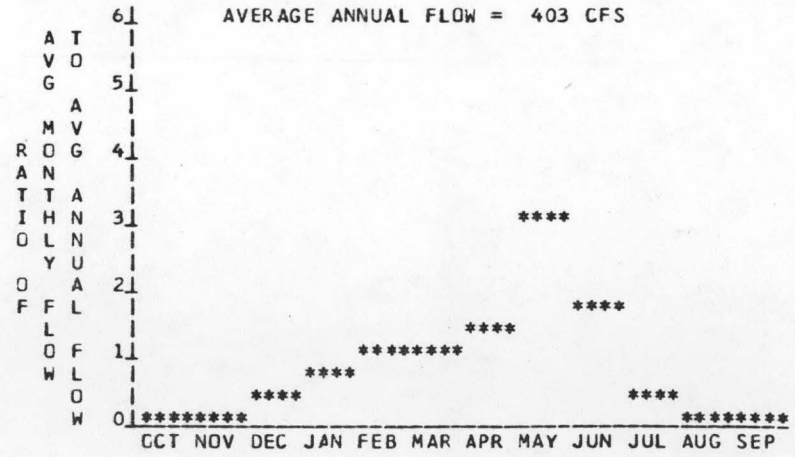
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	10.8 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	38	0.26	2.29	1.00
80	65	0.44	3.68	0.95
50	157	1.07	7.25	0.77
30	399	2.71	12.99	0.55
10	1126	7.64	21.62	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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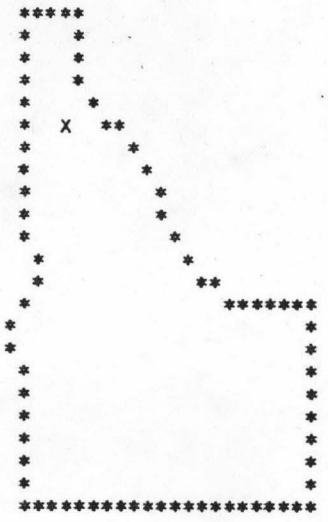
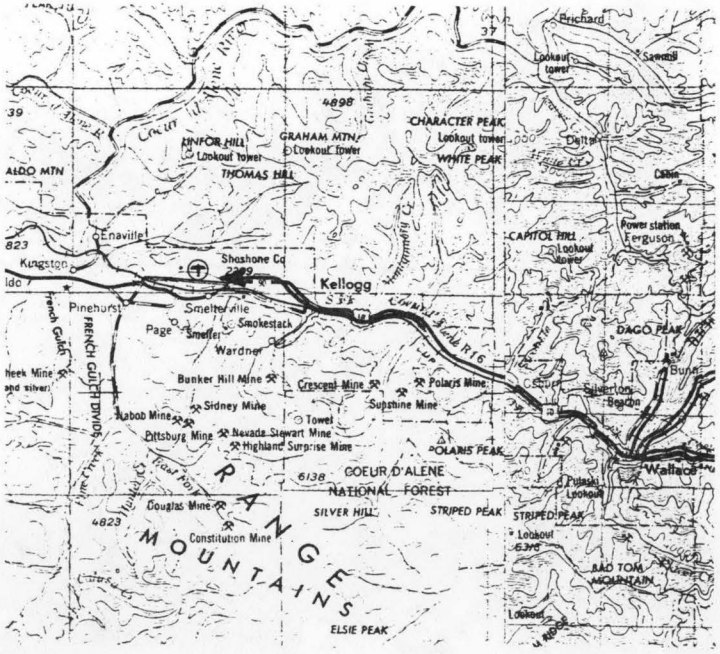
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040100C08

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T48N R04E
D.	LATITUDE, LONGITUDE	47 30 116 0
E.	STREAM NAME	SO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	11.5 TO 17.6

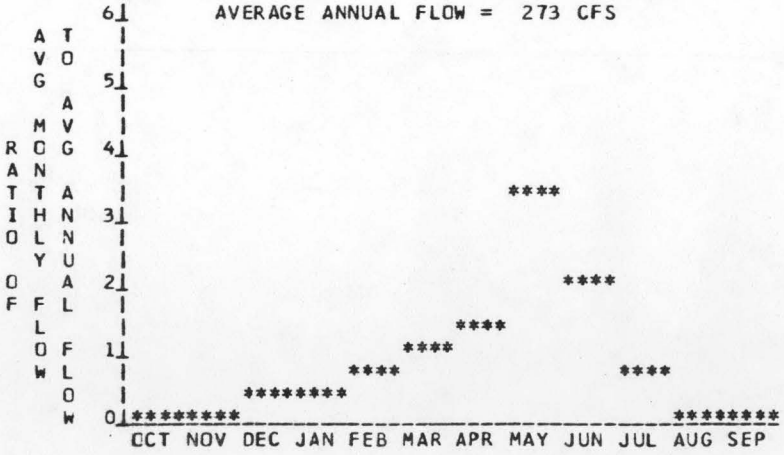
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2640 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2400 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	39.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	131 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	4.42	1.00
80	43	0.89	7.36	0.94
50	107	2.18	14.69	0.77
30	268	5.47	26.23	0.55
10	766	15.60	43.98	0.32

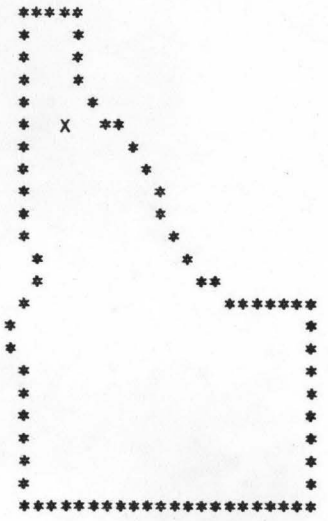
IV TYPICAL ANNUAL HYDROGRAPH

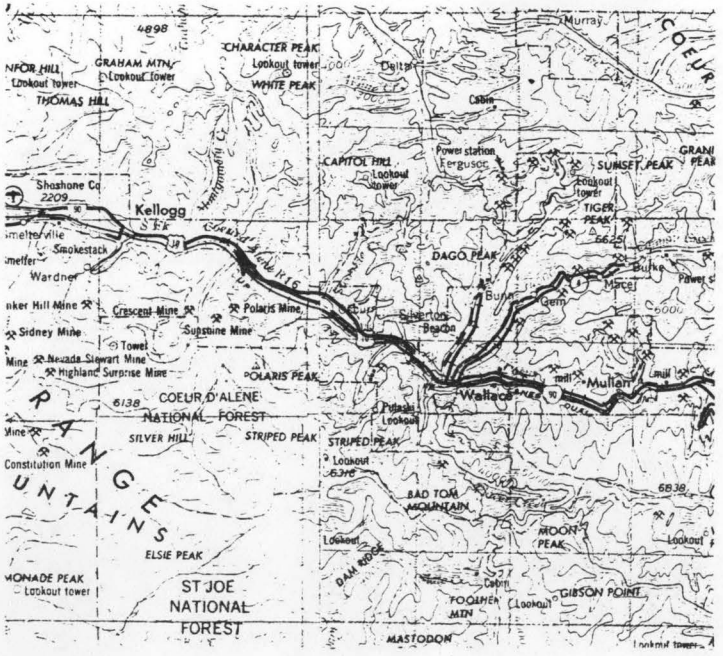


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C504010R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T48N R05E
D.	LATITUDE, LONGITUDE	47 30 115 50
E.	STREAM NAME	SO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	17.6 TO 20.6

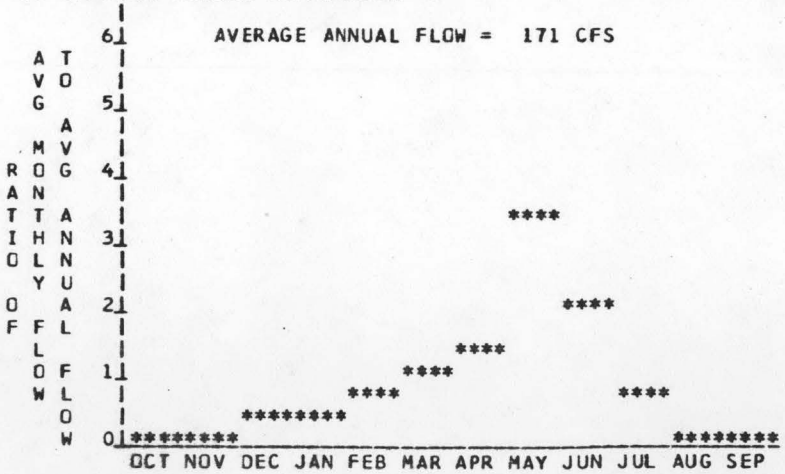
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2640 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	80.0 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	14	0.38	3.32	1.00
80	26	0.70	5.76	0.94
50	67	1.74	11.70	0.77
30	167	4.33	20.78	0.55
10	482	12.52	35.12	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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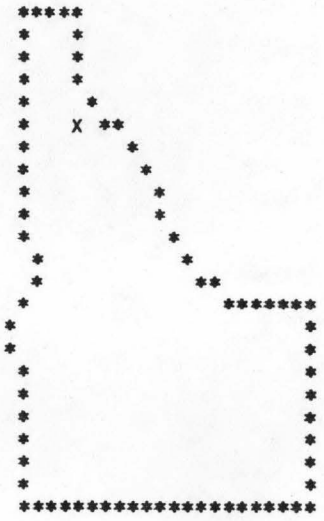
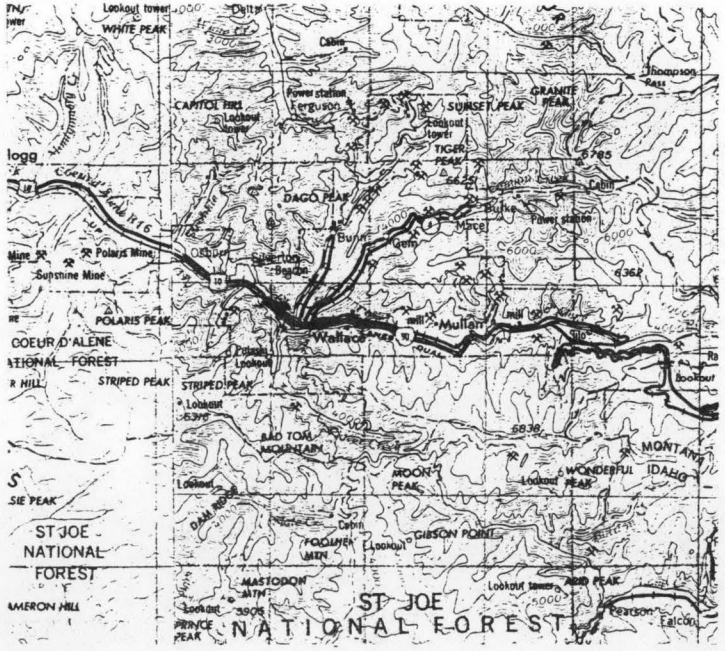
SCALE

MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050401CR0001

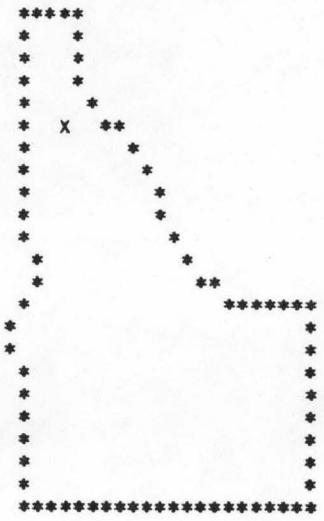
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T48N R02E
D.	LATITUDE, LONGITUDE	47 30 116 15
E.	STREAM NAME	PINE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 4.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



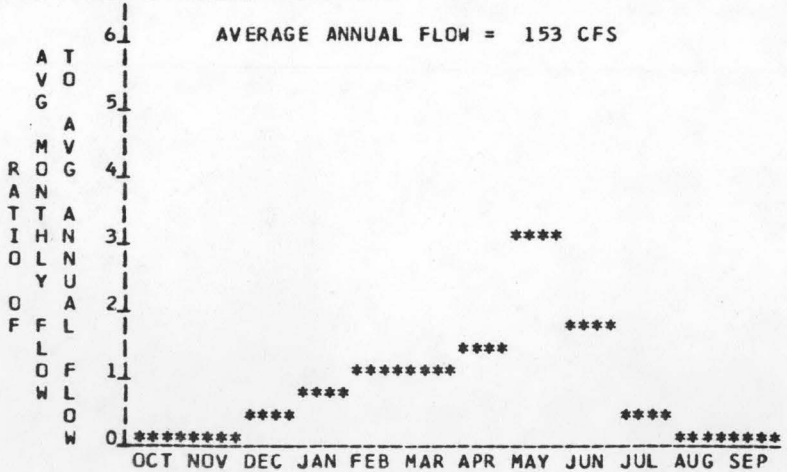
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

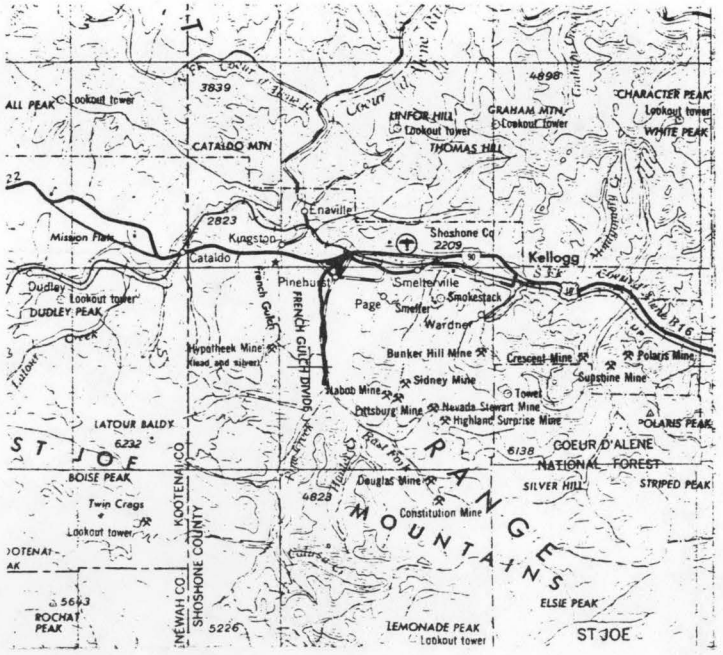
A.	UPSTREAM ELEVATION OF REACH	2400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	51.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	77 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.34	2.93	1.00
80	24	0.62	5.14	0.94
50	60	1.56	10.47	0.77
30	149	3.87	18.57	0.55
10	432	11.23	31.46	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040208R0002

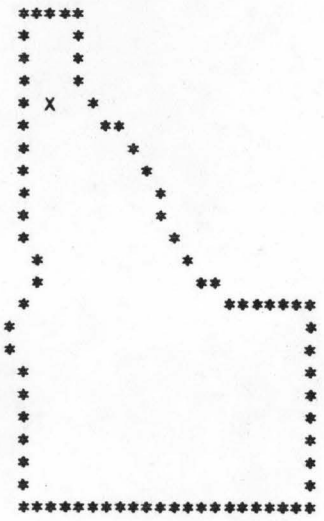
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE, KOOTENAI
C.	TOWNSHIP, RANGE	T50N R01E
D.	LATITUDE, LONGITUDE	47 40 116 23
E.	STREAM NAME	NO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 19.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000 SCALE

MAP NAME
SPOKANE



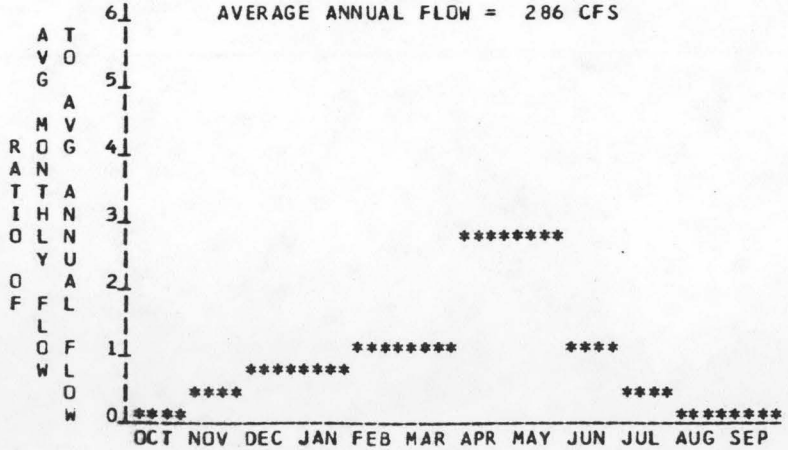
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

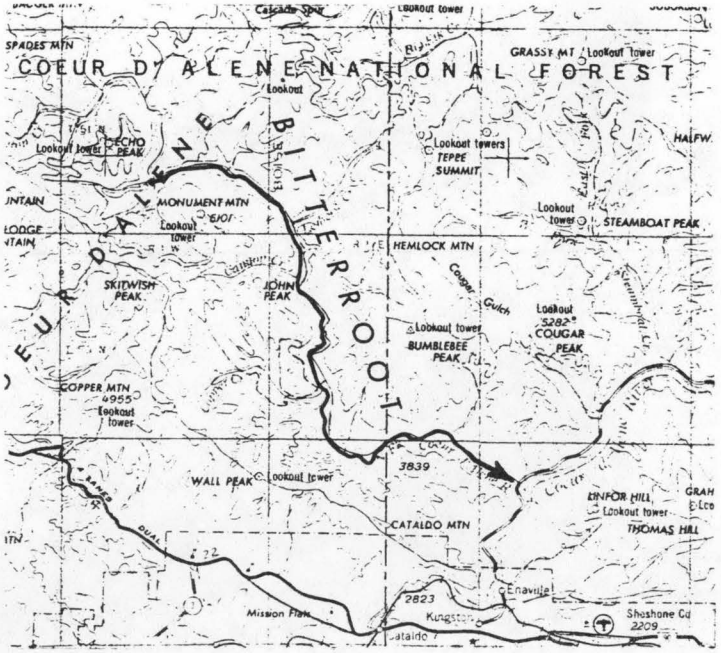
A.	UPSTREAM ELEVATION OF REACH	2800 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2187 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	613 FT.
D.	AVERAGE SLOPE IN REACH	31.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	170 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	26	1.36	11.89	1.00
80	45	2.39	19.74	0.94
50	112	5.83	39.32	0.77
30	281	14.65	70.23	0.55
10	802	41.71	117.65	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040200R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	KOOTENAI
C.	TOWNSHIP, RANGE	T51N R01W
D.	LATITUDE, LONGITUDE	47 48 116 31
E.	STREAM NAME	NO FK COEUR D'ALENE
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	19.2 TO 25.2

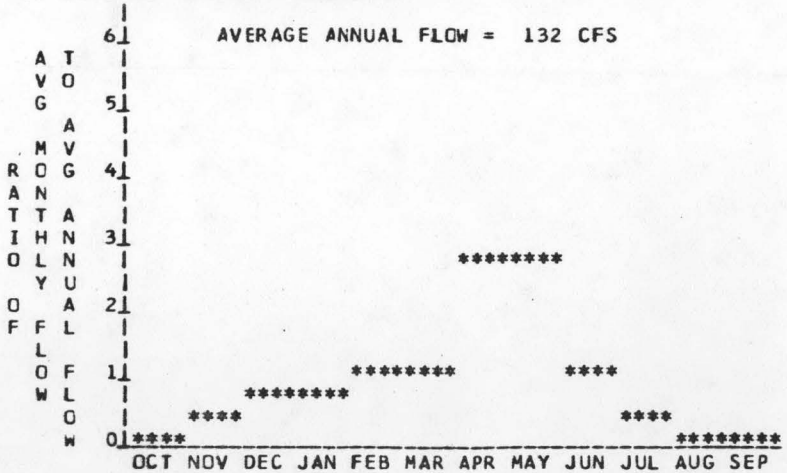
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	20.0 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	10	0.17	1.50	1.00
80	20	0.33	2.68	0.94
50	51	0.82	5.48	0.76
30	128	2.02	9.71	0.55
10	373	5.89	16.48	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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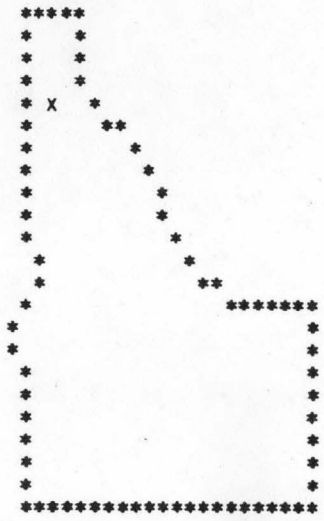
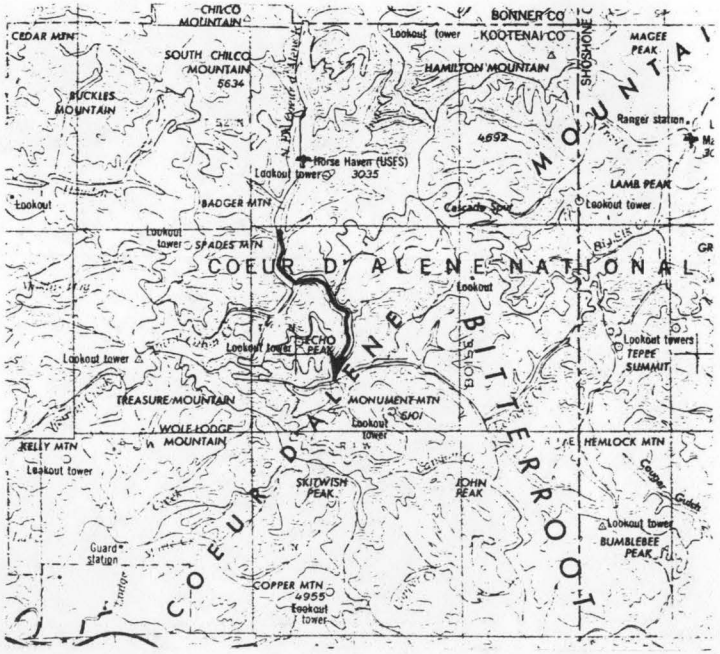
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500420504000R0C19

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T49N R04E
D.	LATITUDE, LONGITUDE	47 36 115 55
E.	STREAM NAME	BEAVER CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 0.2

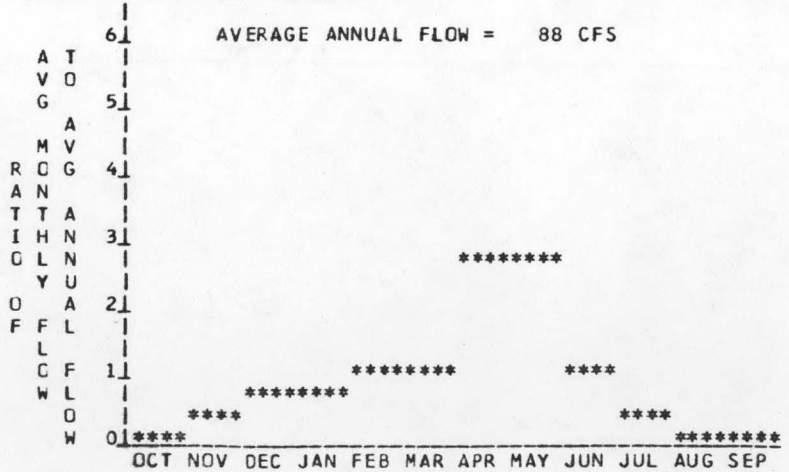
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2380 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	100.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	40 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	6	0.05	0.44	0.99
80	13	0.10	0.81	0.94
50	34	0.25	1.69	0.76
30	85	0.62	2.98	0.55
10	251	1.83	5.10	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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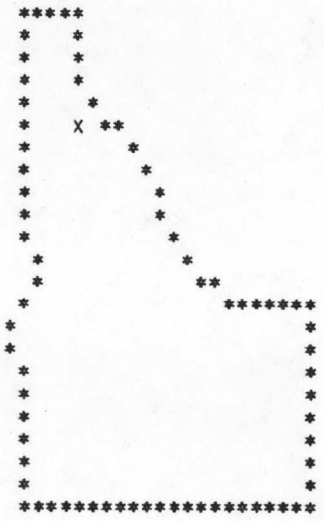
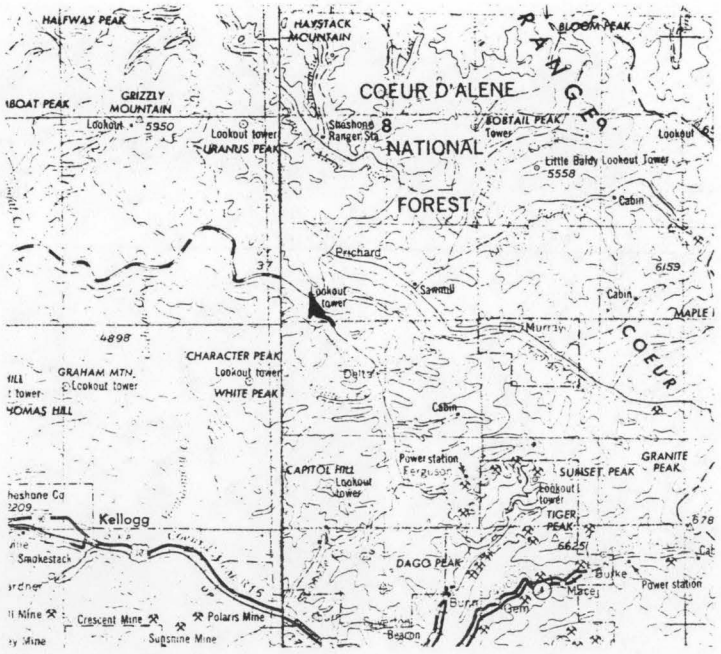
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C042C5C40C0R0C21

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T5ON R04E
D.	LATITUDE, LONGITUDE	47 39 115 55
E.	STREAM NAME	PRICHARD CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 2.6

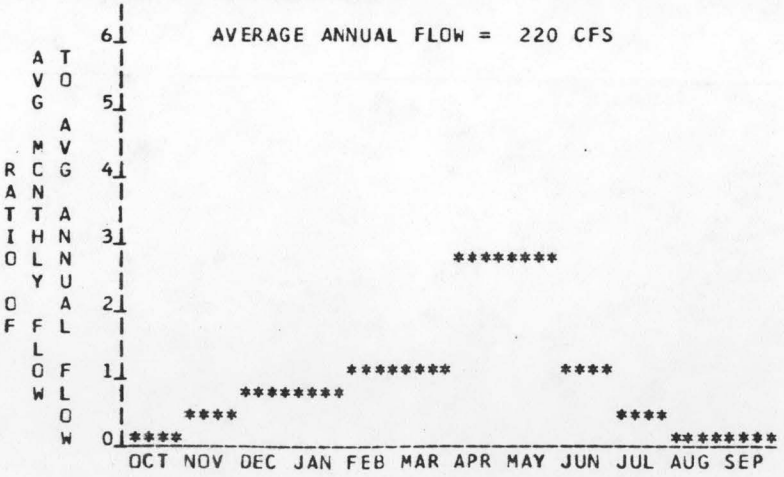
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2520 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2400 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	46.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	98 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	19	0.31	2.68	1.00
80	34	0.55	4.55	0.94
50	86	1.36	9.15	0.77
30	215	3.40	16.29	0.55
10	618	9.75	27.42	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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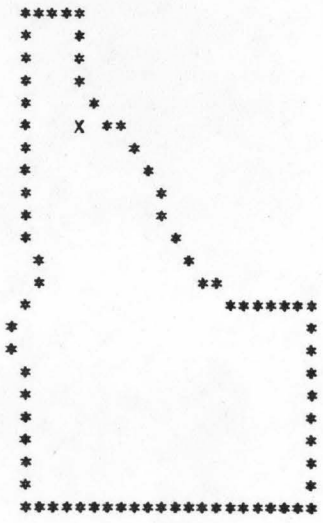
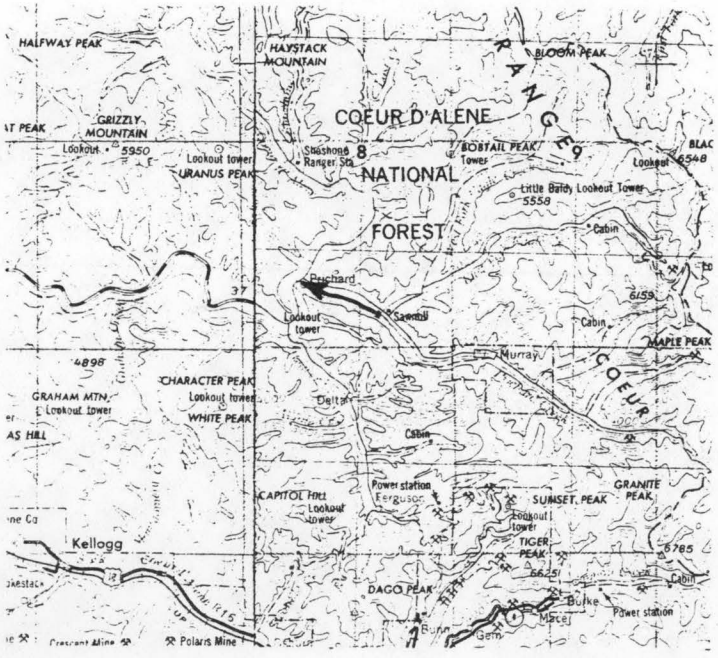
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050400R0025

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T51N R04E
D.	LATITUDE, LONGITUDE	47 45 115 58
E.	STREAM NAME	SHOSHONE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 6.4

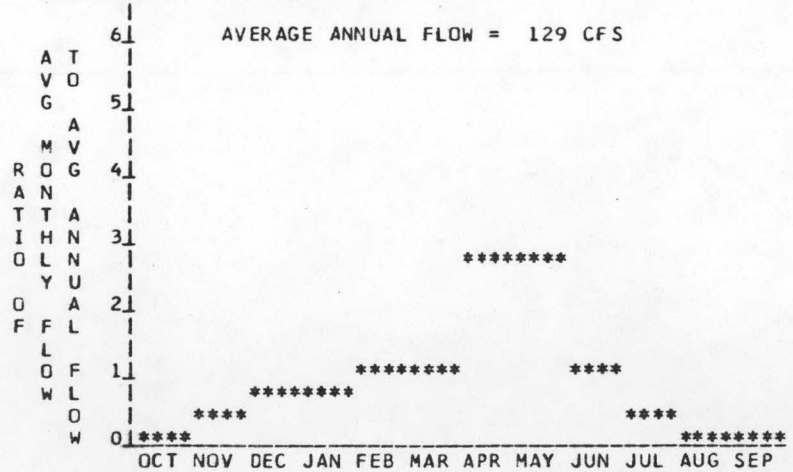
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2760 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	280 FT.
D.	AVERAGE SLOPE IN REACH	43.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	68 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	0.31	2.73	1.00
80	20	0.59	4.87	0.94
50	50	1.49	9.97	0.76
30	125	3.68	17.66	0.55
10	365	10.73	30.00	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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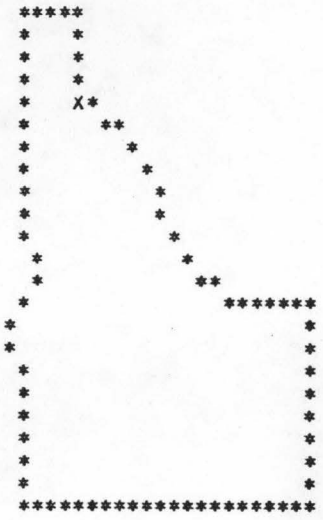
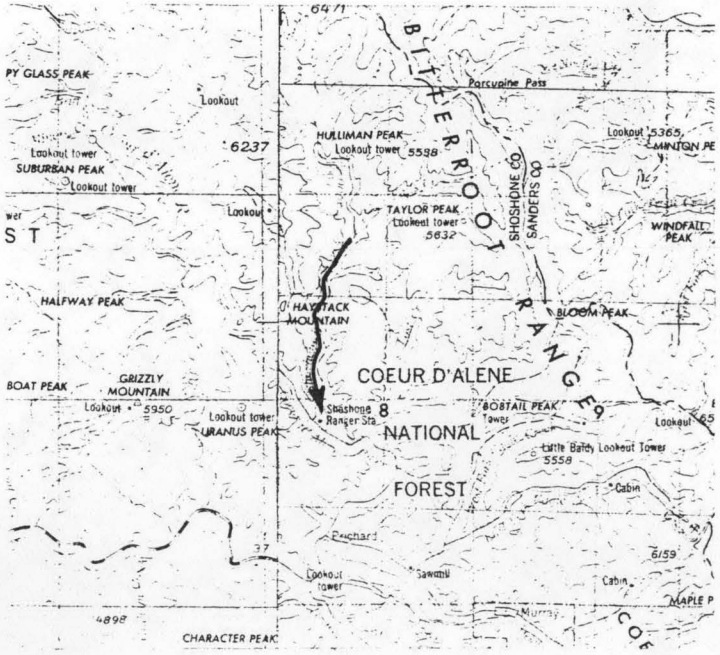
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C504000R0C30

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T52N R02E
D.	LATITUDE, LONGITUDE	47 53 116 12
E.	STREAM NAME	TEEPEE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 3.9

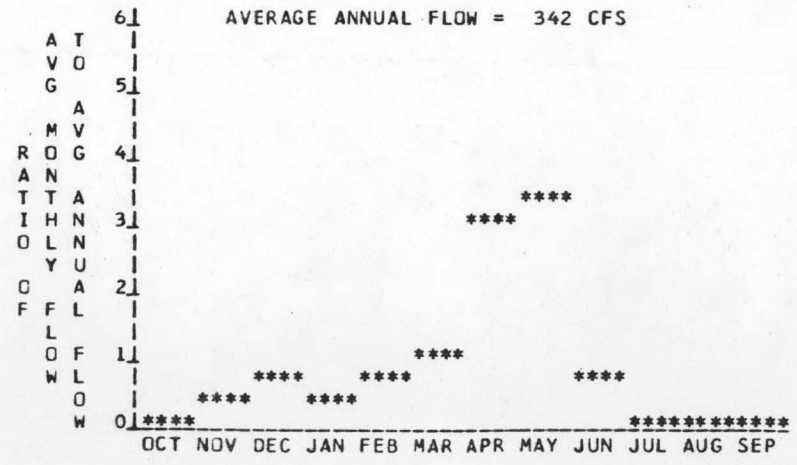
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	20.5 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	32	0.22	1.90	1.00
80	55	0.37	3.10	0.95
50	133	0.91	6.13	0.77
30	337	2.29	10.98	0.55
10	956	6.49	18.33	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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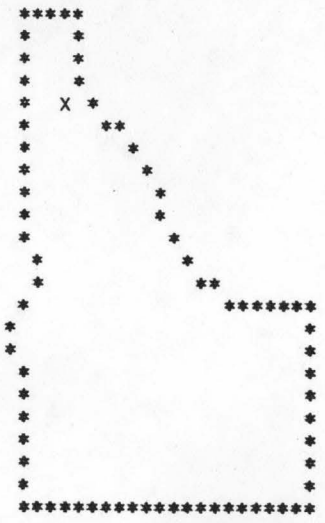
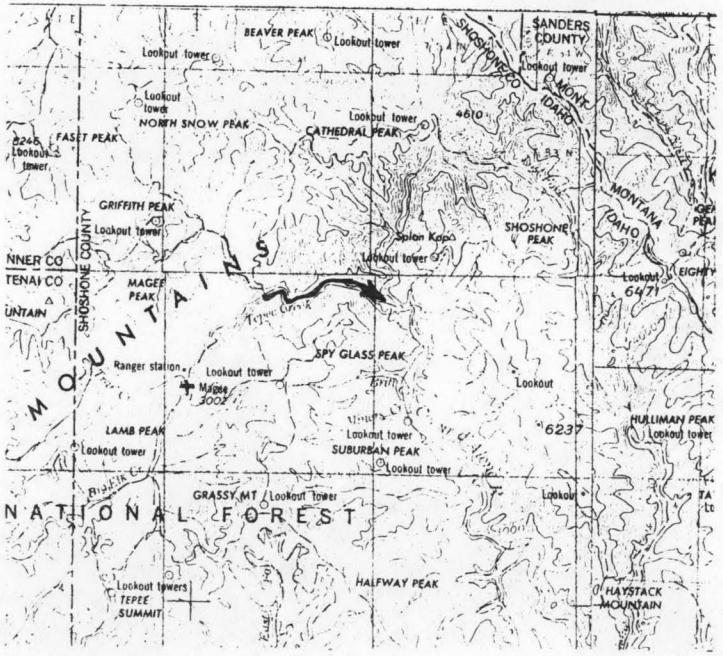
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050400C0R0C34

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T52N R02E
D.	LATITUDE, LONGITUDE	47 51 116 15
E.	STREAM NAME	TEEPEE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	3.9 TO 7.6

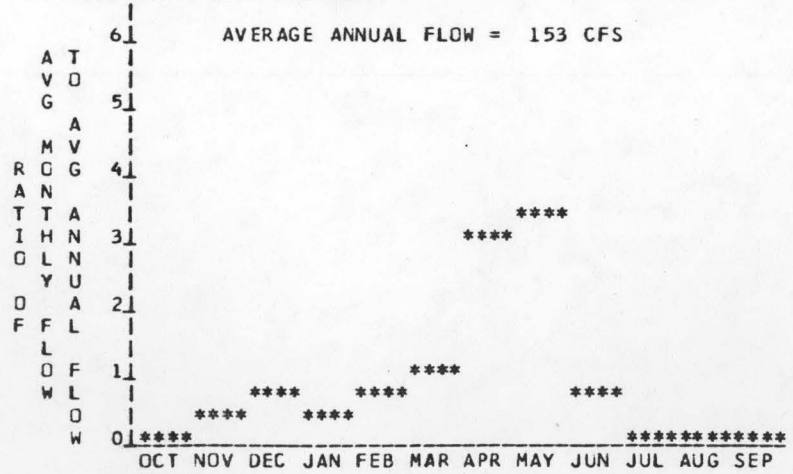
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2990 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	110 FT.
D.	AVERAGE SLOPE IN REACH	29.7 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	12	0.19	1.68	1.00
80	23	0.36	2.95	0.94
50	59	0.89	6.00	0.77
30	148	2.22	10.65	0.55
10	431	6.44	18.03	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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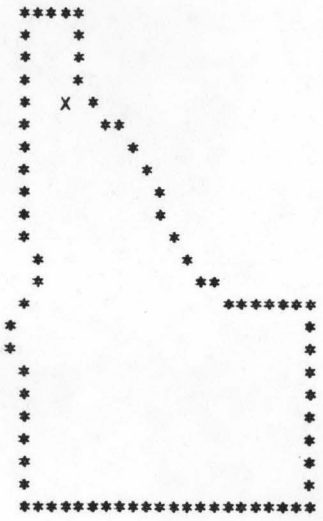
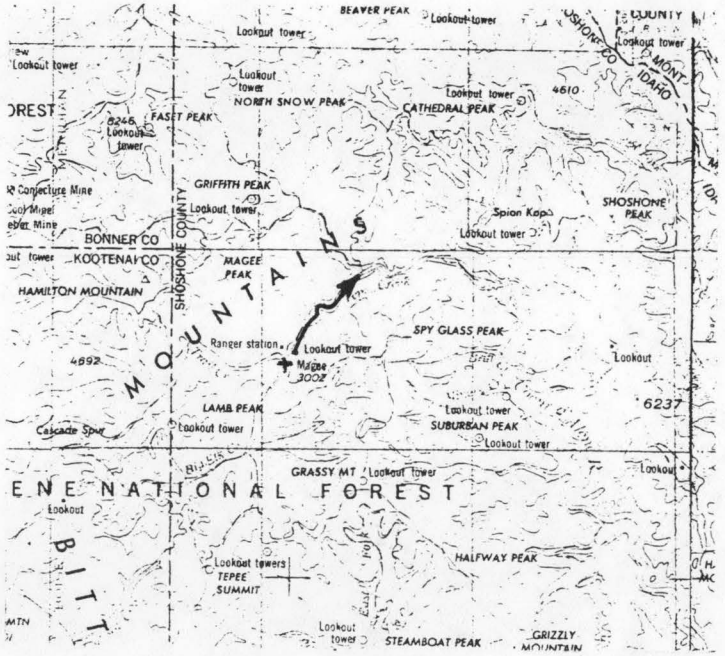
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205040000R0032

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T53N R02E
D.	LATITUDE, LONGITUDE	47 55 116 15
E.	STREAM NAME	INDEPENDENCE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 3.9

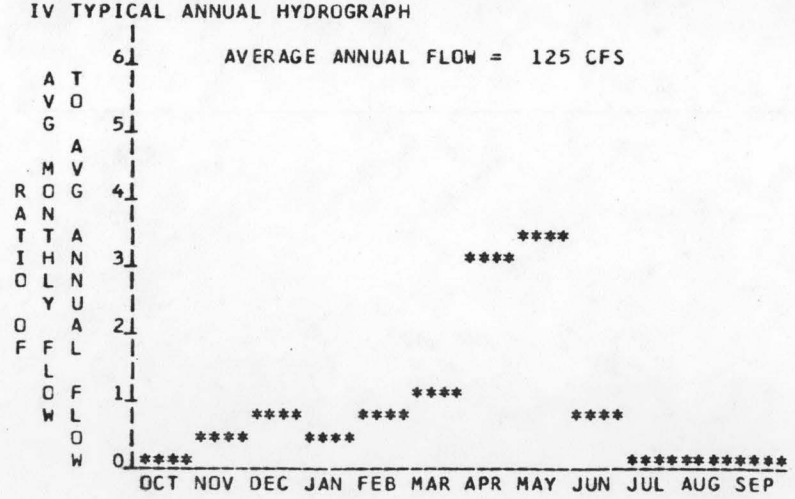
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3000 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	30.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	63 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	0.16	1.41	1.00
80	19	0.31	2.52	0.94
50	49	0.77	5.18	0.76
30	121	1.91	9.17	0.55
10	353	5.57	15.59	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

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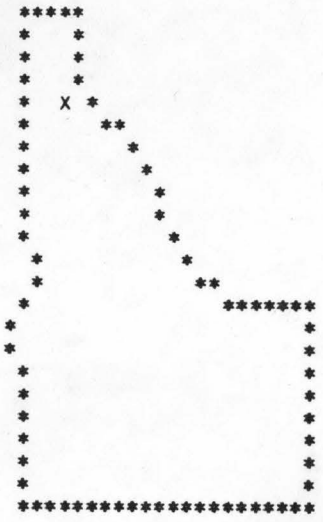
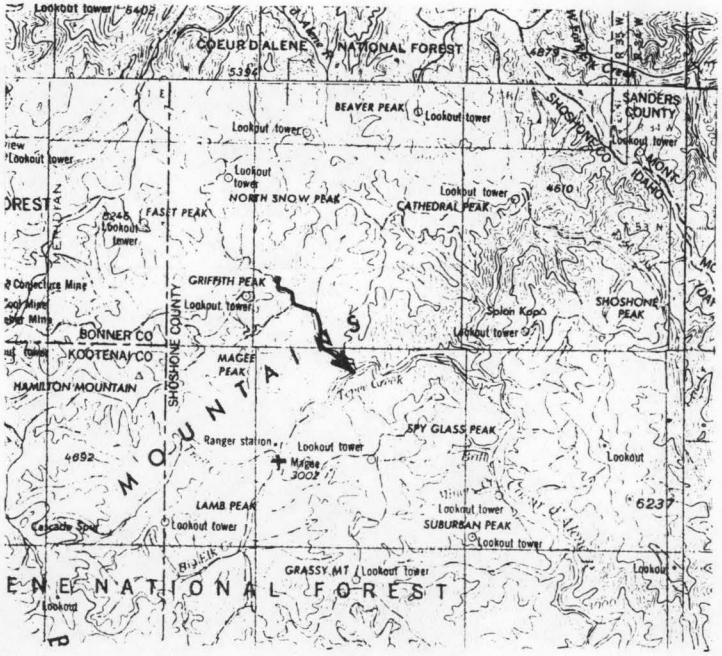
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C50200CR0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T46N R02W
D.	LATITUDE, LONGITUDE	47 20 116 37
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 11.2

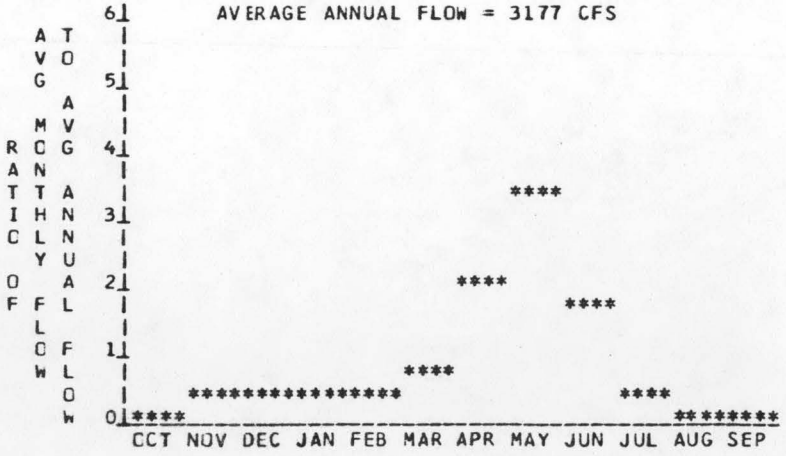
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2135 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2120 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	15 FT.
D.	AVERAGE SLOPE IN REACH	1.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1726 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	402	0.51	4.47	1.00
80	556	0.71	5.97	0.96
50	1242	1.58	10.94	0.79
30	3278	4.17	20.01	0.55
10	8717	11.08	32.12	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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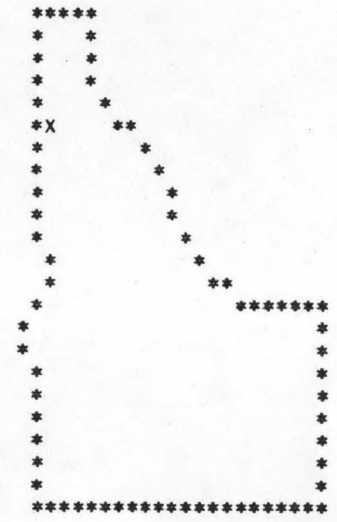
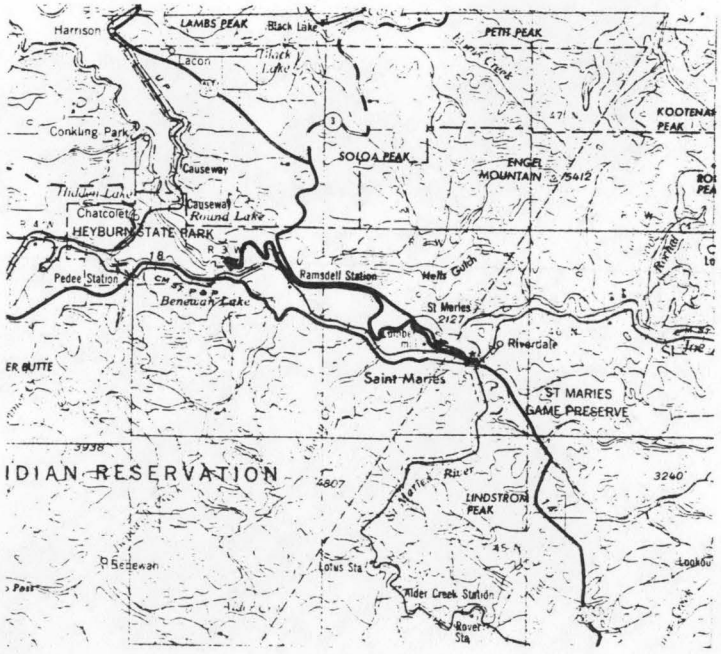
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C04205020000R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T46N R01W
D.	LATITUDE, LONGITUDE	47 20 116 26
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	11.2 TO 23.9

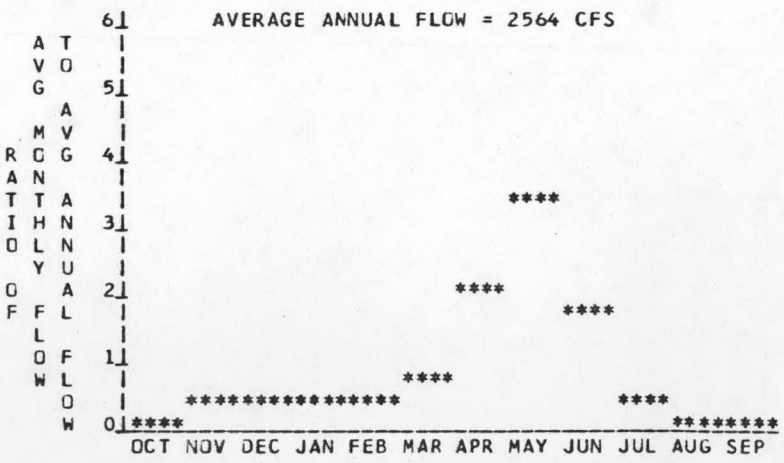
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2150 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2135 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	15 FT.
D.	AVERAGE SLOPE IN REACH	1.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1182 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	315	0.40	3.50	1.00
80	445	0.57	4.77	0.96
50	1003	1.28	8.81	0.79
30	2635	3.35	16.08	0.55
10	7048	8.96	25.91	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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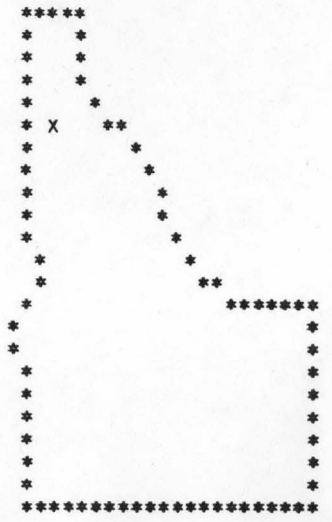
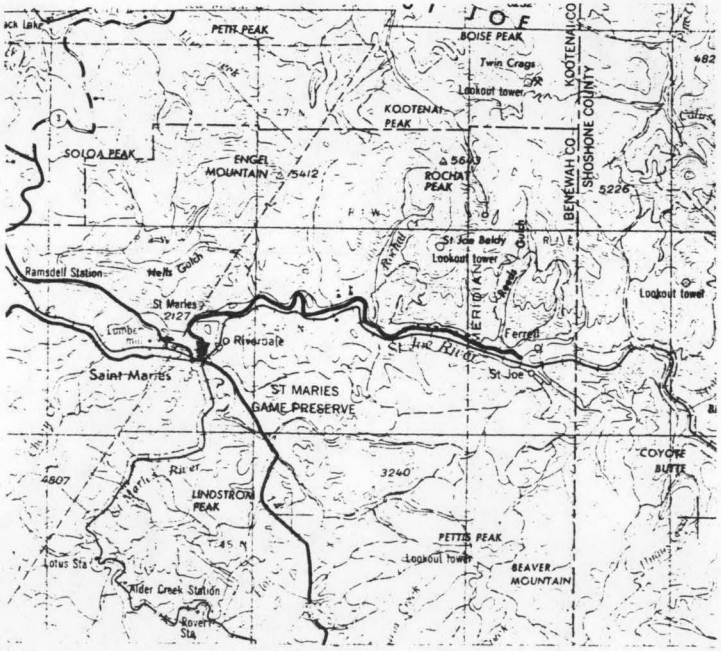
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050200OR0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T46N R02E
D.	LATITUDE, LONGITUDE	47 18 116 15
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	23.9 TO 36.0

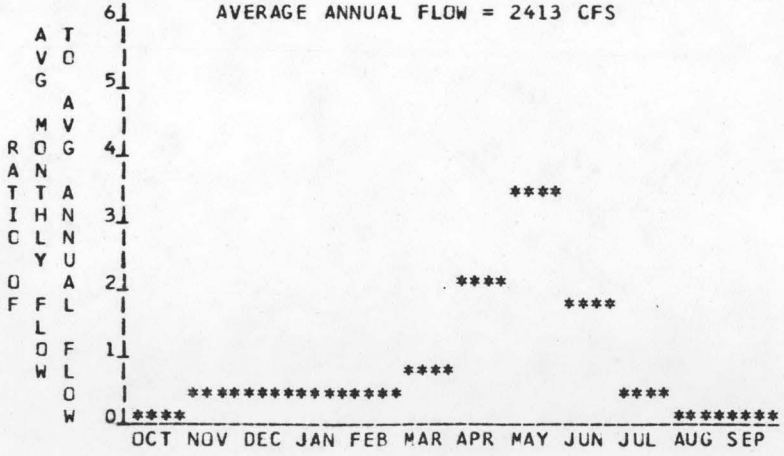
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2150 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	10 FT.
D.	AVERAGE SLOPE IN REACH	0.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1124 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	294	0.25	2.18	1.00
80	418	0.35	2.98	0.96
50	943	0.80	5.52	0.79
30	2476	2.10	10.07	0.55
10	6636	5.62	16.25	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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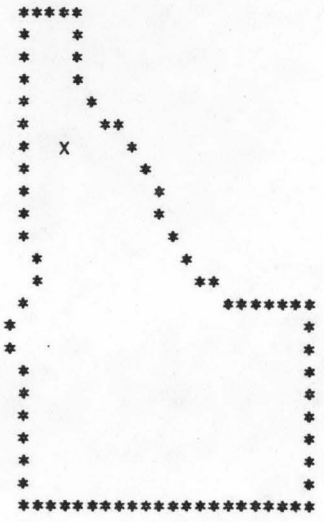
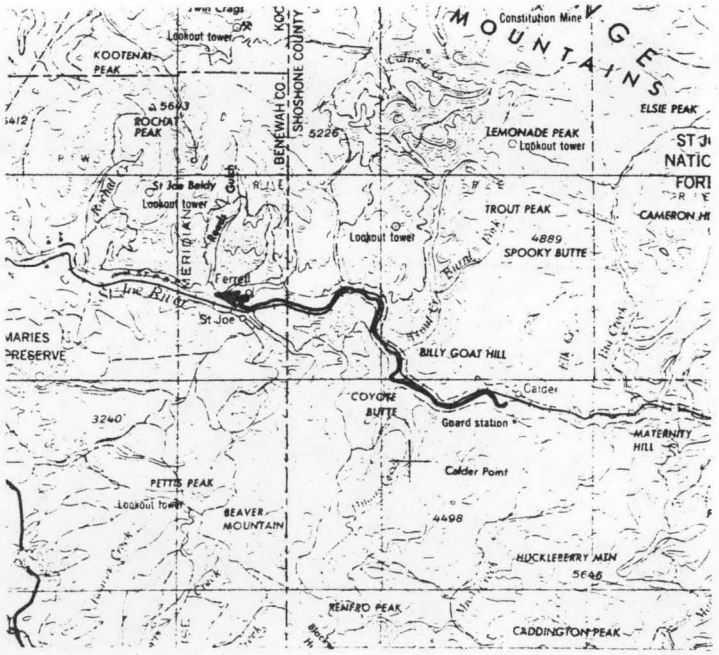
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205C20CCR0008

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R02E
D.	LATITUDE, LONGITUDE	47 16 116 9
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	36.0 TO 40.0

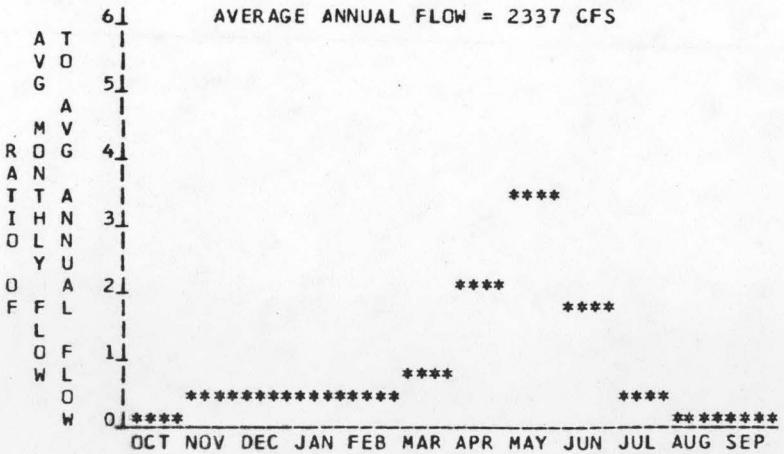
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2220 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	60 FT.
D.	AVERAGE SLOPE IN REACH	15.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1013 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	283	1.44	12.61	1.00
80	404	2.06	17.32	0.96
50	914	4.65	32.07	0.79
30	2397	12.19	58.50	0.55
10	6429	32.69	94.42	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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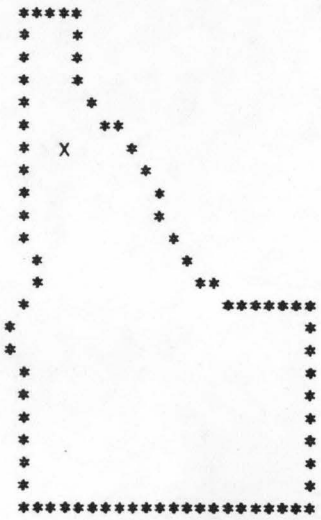
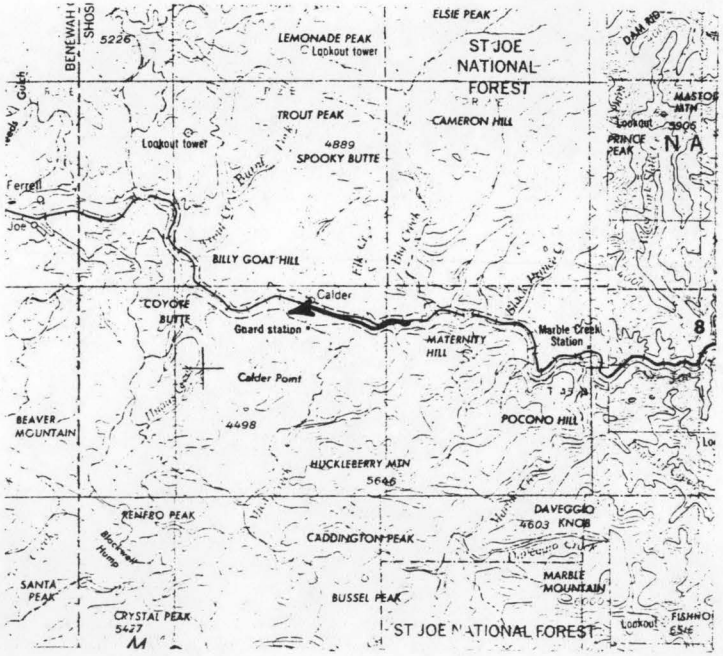
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0012

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R03E
D.	LATITUDE, LONGITUDE	47 16 116 4
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	40.0 TO 45.6

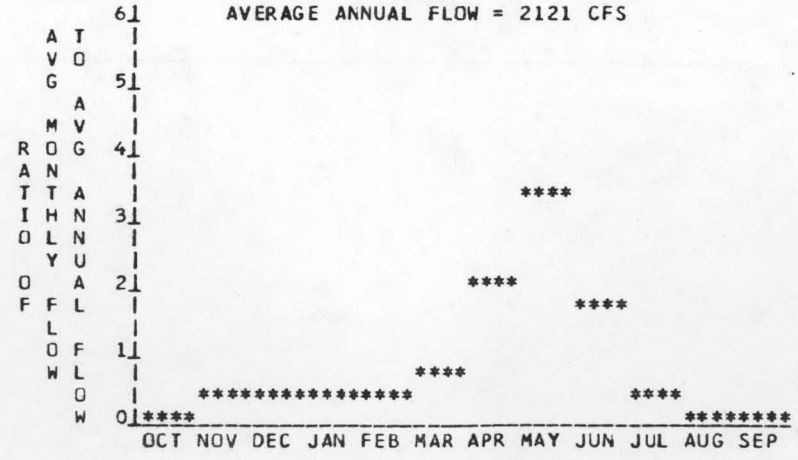
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2280 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2220 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	60 FT.
D.	AVERAGE SLOPE IN REACH	10.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	904 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	254	1.29	11.29	1.00
80	366	1.86	15.65	0.96
50	829	4.22	29.08	0.79
30	2171	11.04	52.99	0.55
10	5840	29.70	85.67	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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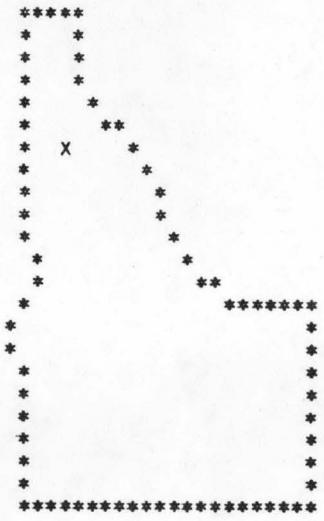
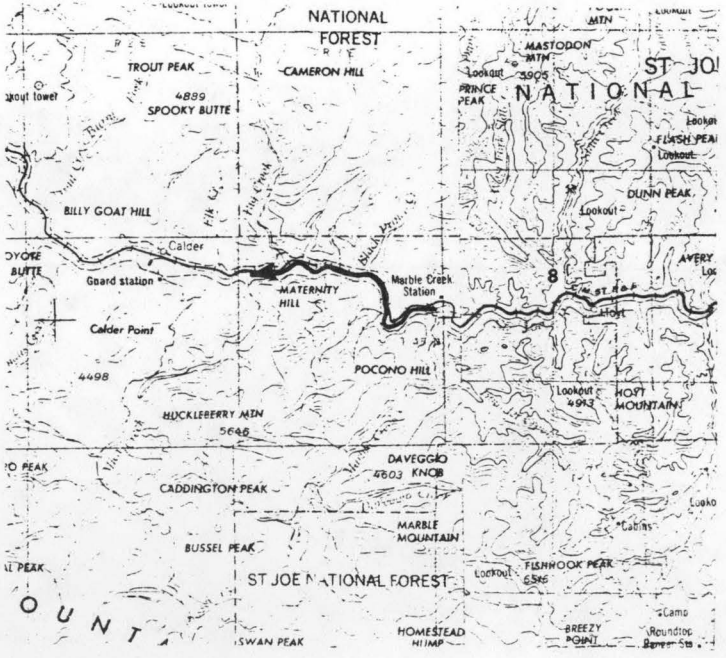
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C502000R0C16

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R04E
D.	LATITUDE, LONGITUDE	47 15 116 0
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	45.6 TO 50.7

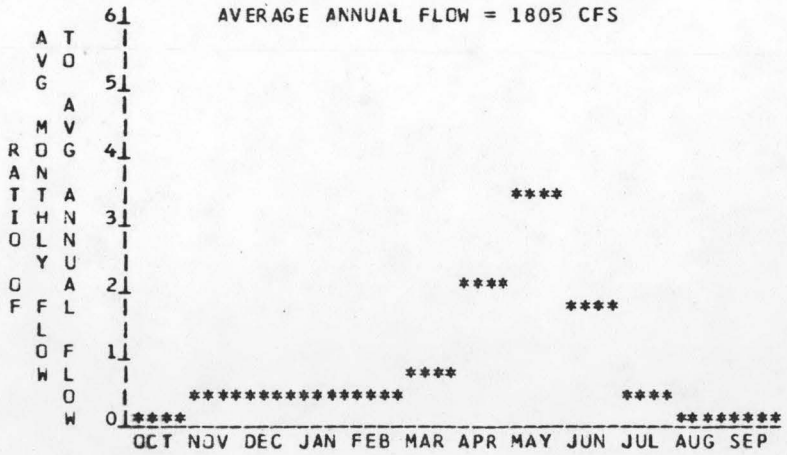
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2360 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2280 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	15.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	739 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	211	1.43	12.53	1.00
80	309	2.10	17.62	0.96
50	705	4.79	32.92	0.79
30	1841	12.48	59.90	0.55
10	4975	33.73	97.13	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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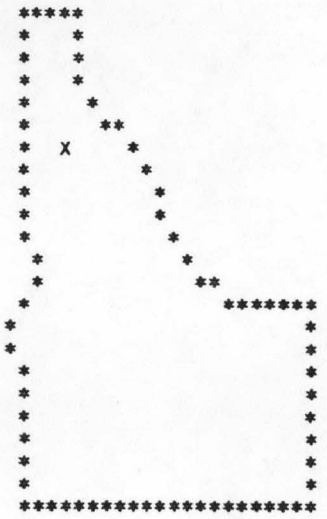
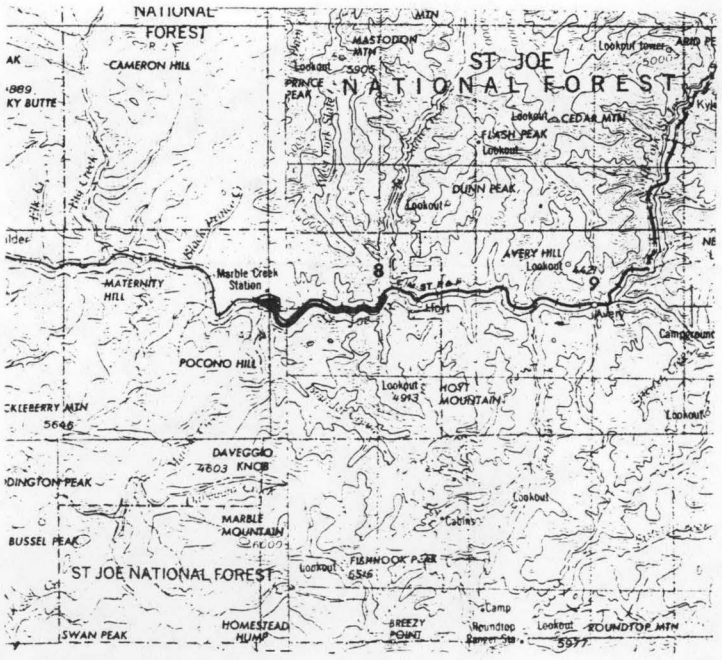
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0020

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R04E
D.	LATITUDE, LONGITUDE	47 15 115 53
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	50.7 TO 55.7

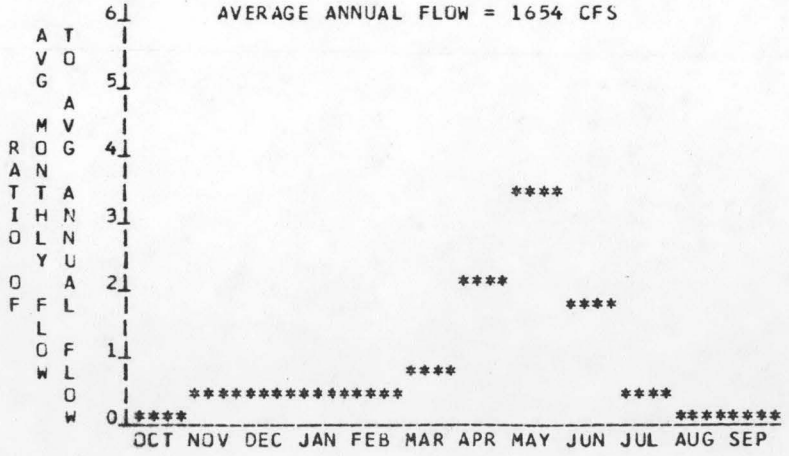
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2440 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2360 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	16.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	654 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	1.30	11.35	1.00
80	282	1.92	16.09	0.96
50	647	4.39	30.15	0.78
30	1685	11.42	54.81	0.55
10	4564	30.94	89.01	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

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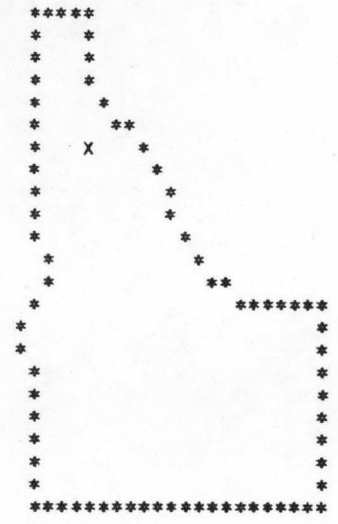
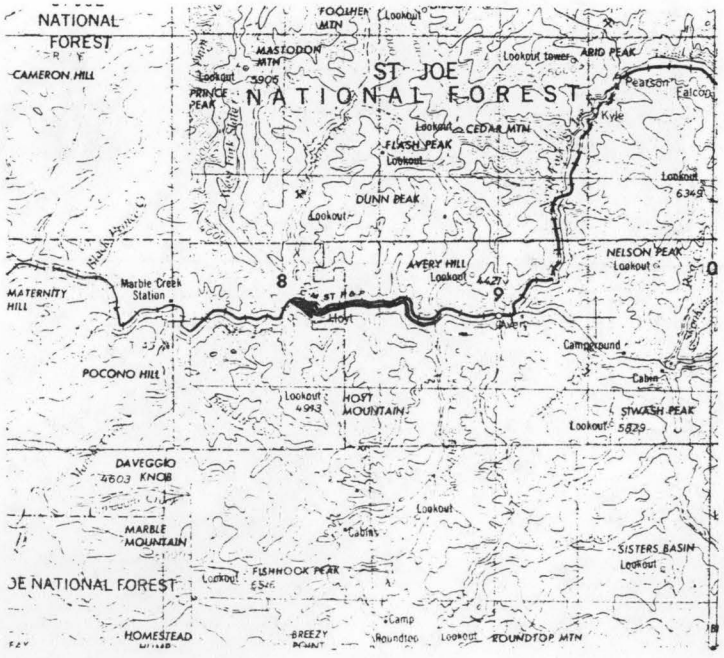
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C502000R0026

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R05E
D.	LATITUDE, LONGITUDE	47 15 115 48
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	55.7 TO 58.1

LOCATION MAPS

U.S. TOPO SERIES
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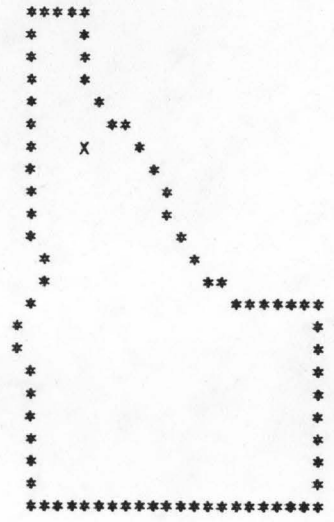
MAP NAME
WALLACE



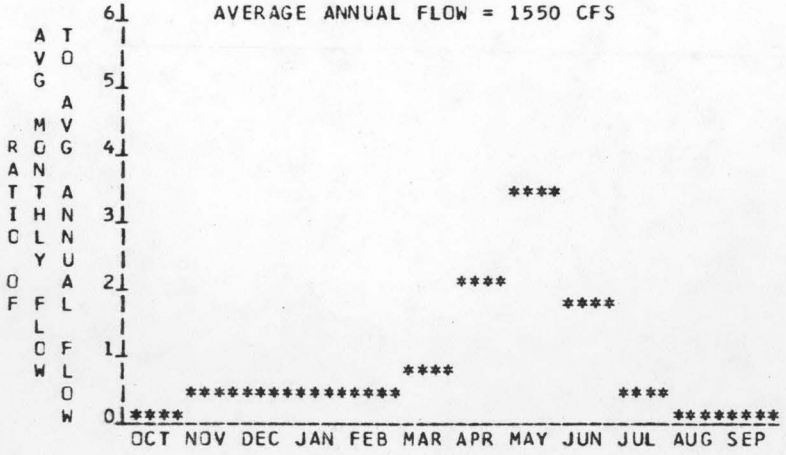
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2440 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	16.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	591 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	178	0.60	5.27	1.00
80	264	0.90	7.51	0.96
50	606	2.06	14.11	0.78
30	1576	5.34	25.64	0.55
10	4278	14.50	41.68	0.33

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C5020C0R0030

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R06E
D.	LATITUDE, LONGITUDE	47 14 115 45
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	58.1 TO 64.0

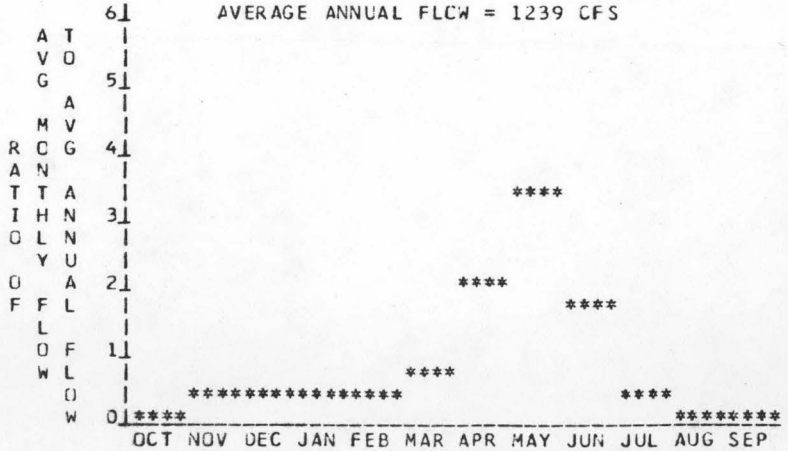
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	20.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	466 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	138	1.41	12.27	1.00
80	209	2.13	17.85	0.96
50	484	4.93	33.78	0.78
30	1255	12.77	61.24	0.55
10	3428	34.87	99.96	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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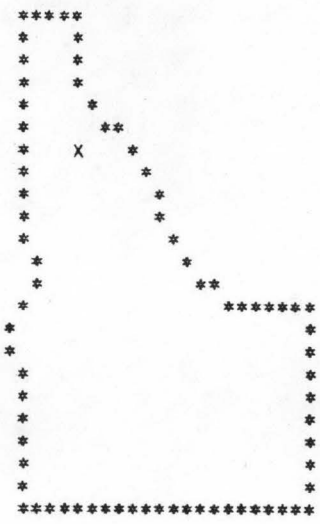
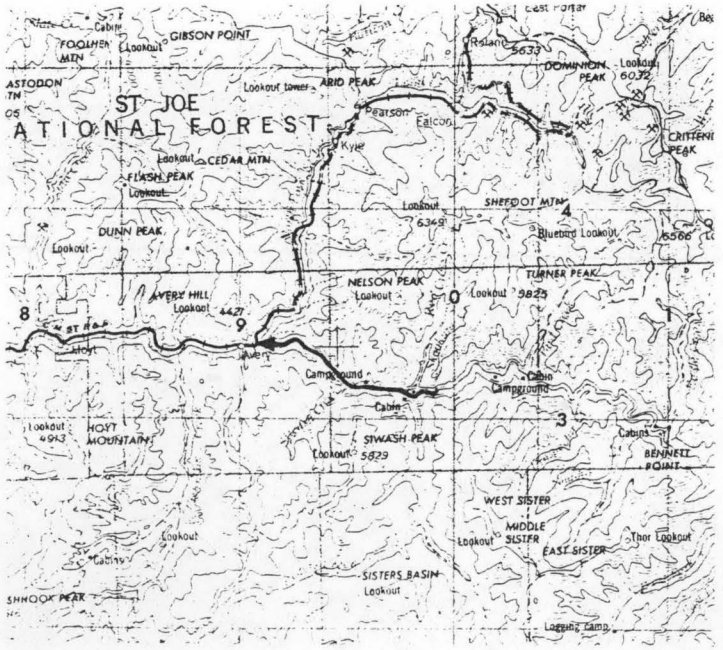
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0034

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T45N R07E
D.	LATITUDE, LONGITUDE	47 14 115 37
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	64.0 TO 73.6

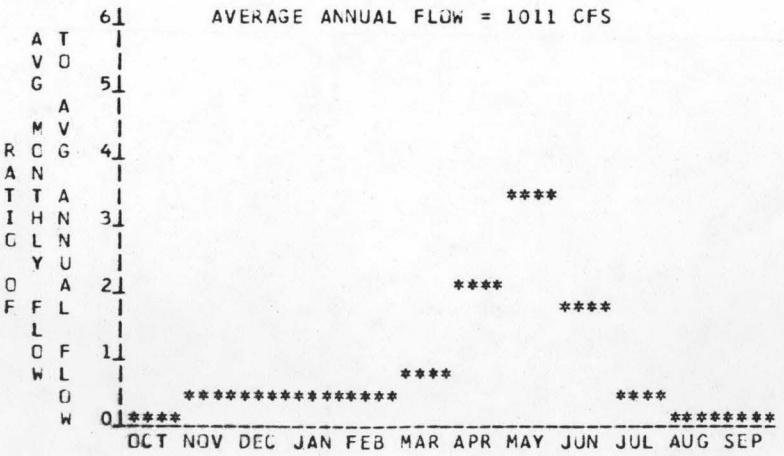
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	320 FT.
D.	AVERAGE SLOPE IN REACH	33.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	391 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	2.97	25.96	1.00
80	169	4.60	38.45	0.95
50	395	10.72	73.30	0.78
30	1019	27.65	132.61	0.55
10	2800	75.95	217.24	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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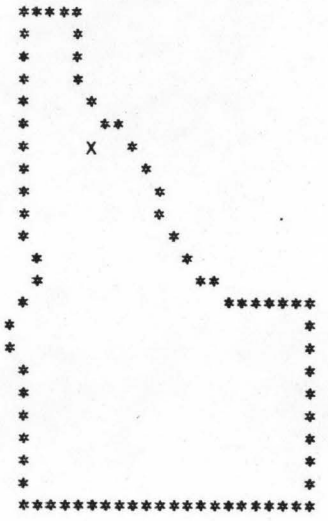
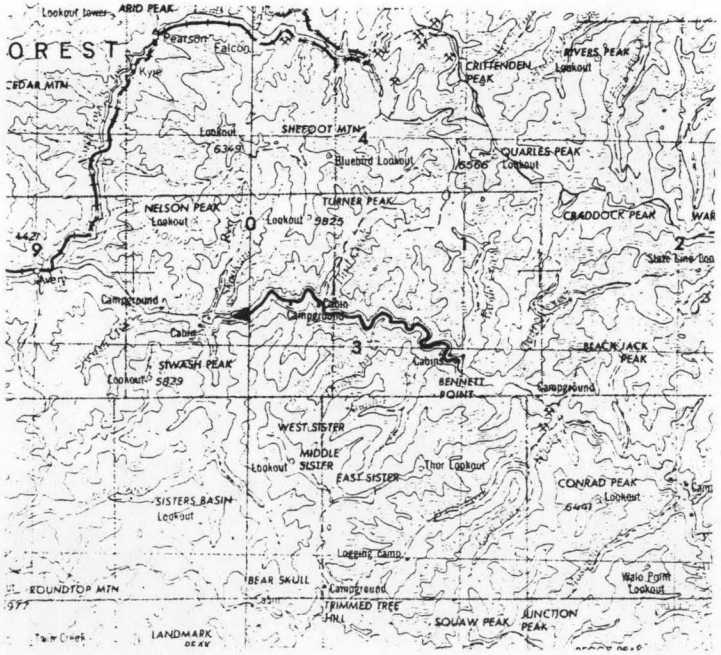
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C5020C0R0036

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N R07E
D.	LATITUDE, LONGITUDE	47 11 115 30
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	73.6 TO 81.3

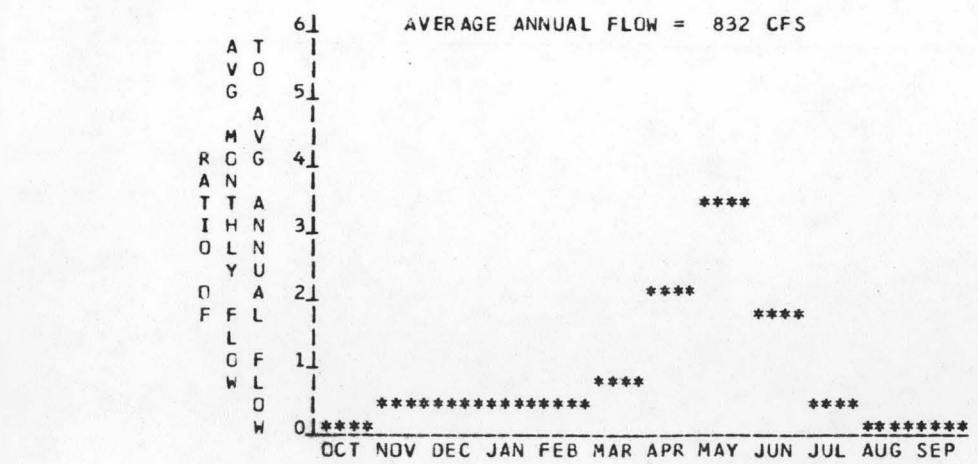
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3280 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2920 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	46.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	327 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	87	2.68	23.42	1.00
80	138	4.23	35.30	0.95
50	325	9.93	67.76	0.78
30	836	25.51	122.34	0.55
10	2309	70.47	201.11	0.33

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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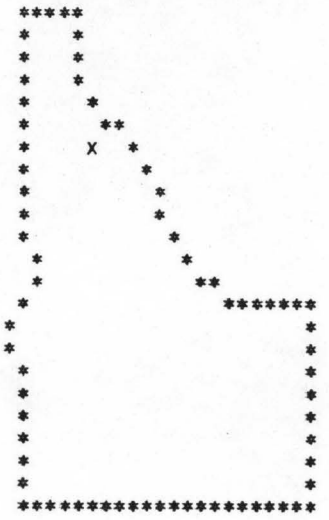
MAP NAME
WALLACE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C042C502000R0038

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N RC8E
D.	LATITUDE, LONGITUDE	47 9 115 25
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	81.3 TO 84.6

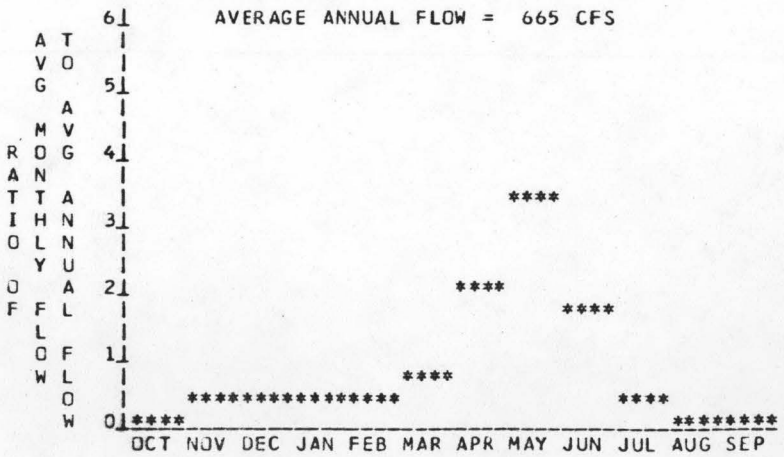
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3360 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3280 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	24.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	249 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	68	0.46	4.04	1.00
80	110	0.75	6.21	0.95
50	260	1.77	12.01	0.78
30	665	4.51	21.64	0.55
10	1850	12.55	35.72	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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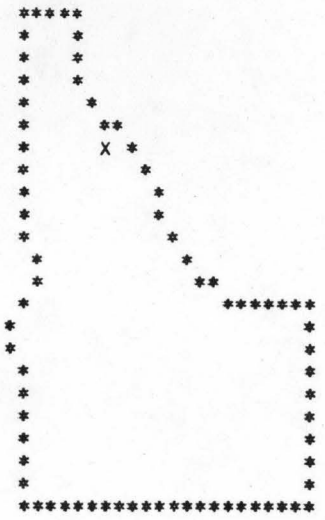
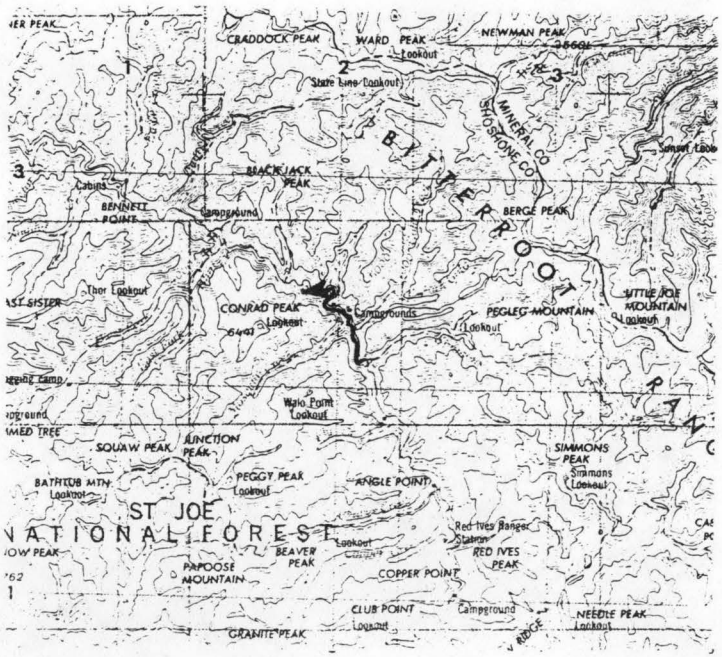
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C042C5020C0R0042

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T43N R09E
D.	LATITUDE, LONGITUDE	47 5 115 20
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	84.6 TO 99.6

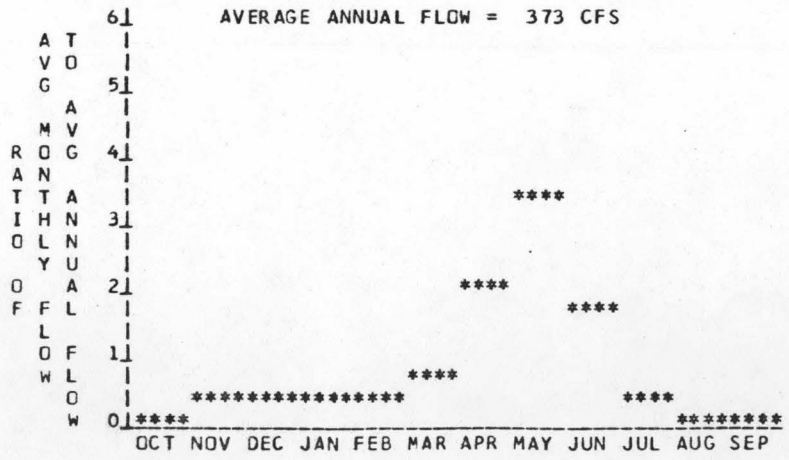
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3960 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3360 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	600 FT.
D.	AVERAGE SLOPE IN REACH	40.0 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	35	1.80	15.70	1.00
80	60	3.07	25.44	0.95
50	145	7.42	50.22	0.77
30	368	18.76	89.94	0.55
10	1042	53.02	149.97	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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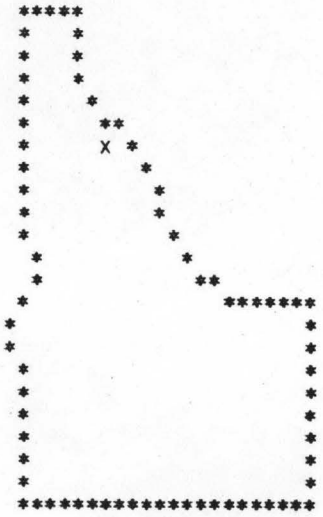
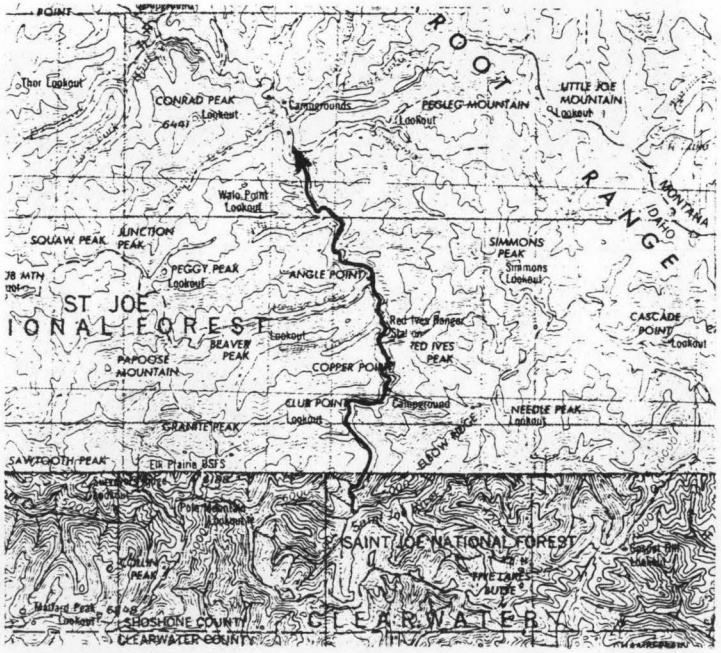
MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050200OR0044

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T42N R09E
D.	LATITUDE, LONGITUDE	47 0 115 17
E.	STREAM NAME	ST.JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	99.6 TO 106.6

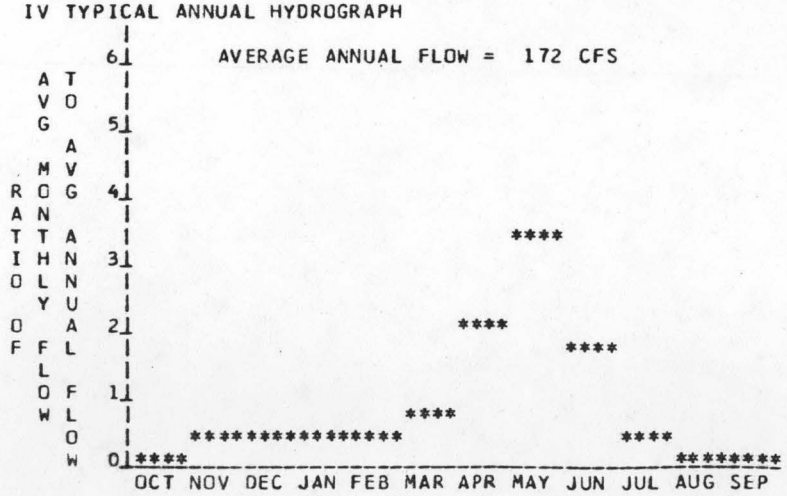
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3960 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	440 FT.
D.	AVERAGE SLOPE IN REACH	62.9 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	14	0.63	5.52	1.00
80	27	1.16	9.60	0.94
50	67	2.90	19.47	0.77
30	168	7.21	34.58	0.55
10	485	20.84	58.46	0.32

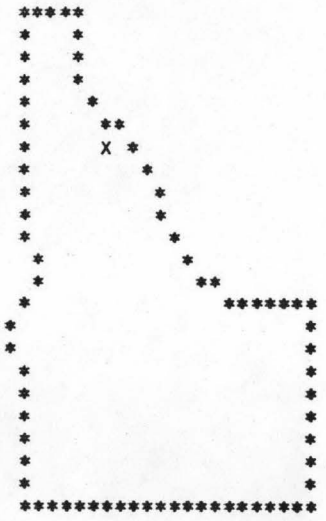
IV TYPICAL ANNUAL HYDROGRAPH

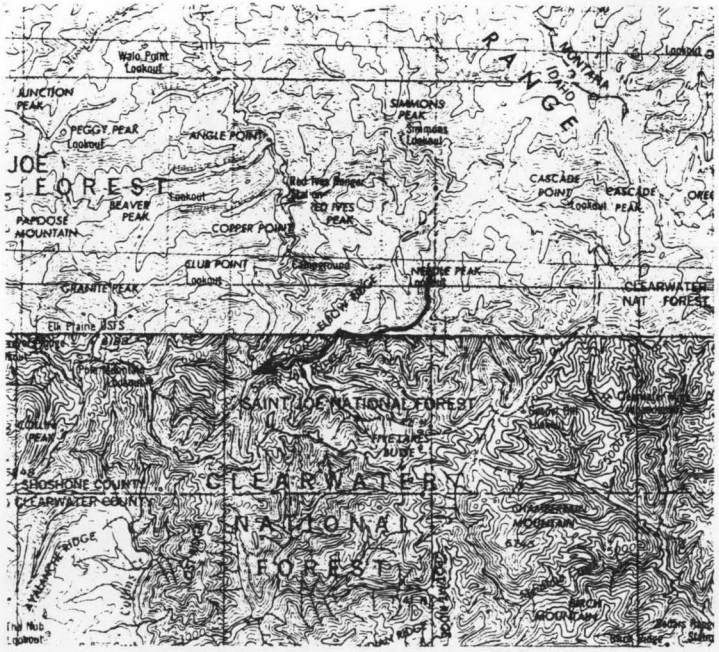


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500420502010R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T45N R02W
D.	LATITUDE, LONGITUDE	47 17 116 33
E.	STREAM NAME	ST.MARIES RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 8.2

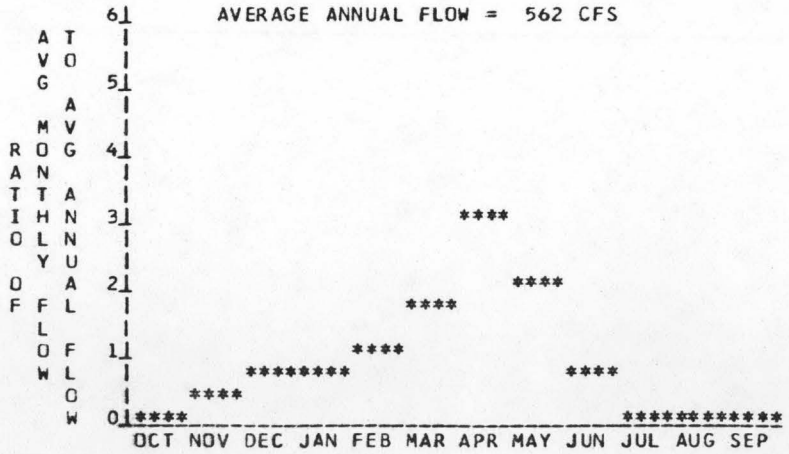
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2150 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2135 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	15 FT.
D.	AVERAGE SLOPE IN REACH	1.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	498 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	0.07	0.63	1.00
80	92	0.12	0.98	0.95
50	220	0.28	1.90	0.78
30	561	0.71	3.42	0.55
10	1567	1.99	5.66	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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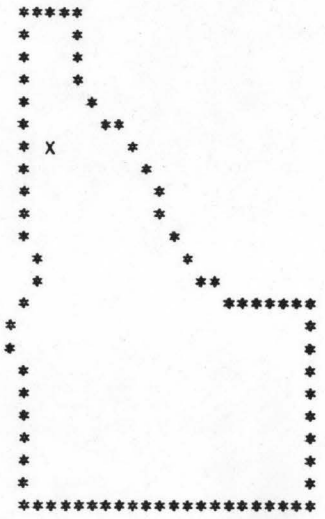
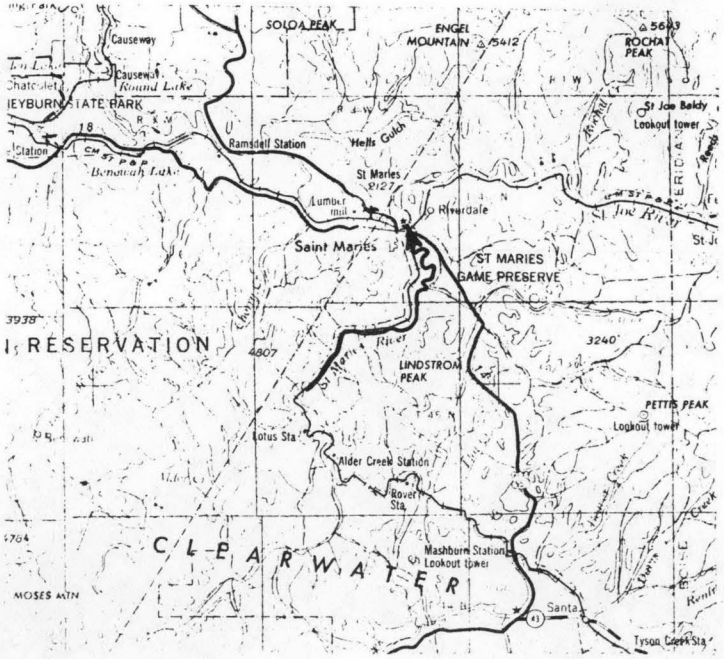
MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C042C502010R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T45N R02W
D.	LATITUDE, LONGITUDE	47 13 116 35
E.	STREAM NAME	ST.MARIES RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	8.2 TO 19.9

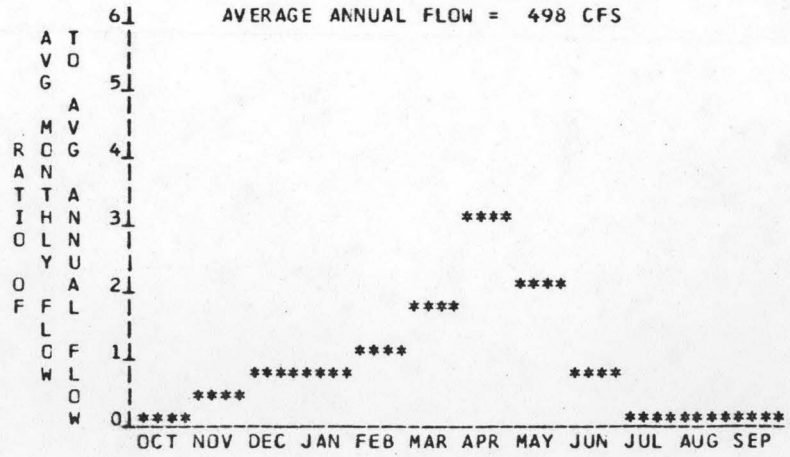
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2580 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2150 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	430 FT.
D.	AVERAGE SLOPE IN REACH	36.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	446 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	49	1.79	15.61	1.00
80	81	2.97	24.65	0.95
50	194	7.10	48.17	0.77
30	495	18.05	86.53	0.55
10	1388	50.59	143.54	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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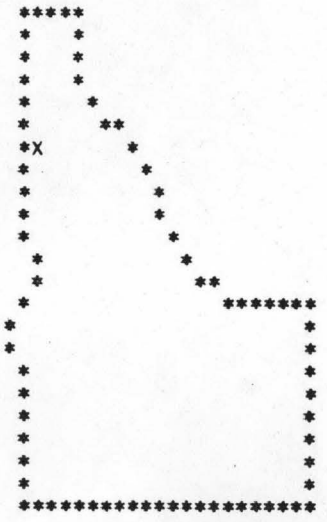
MAP NAME
SPOKANE



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050201OR0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T44N R01W
D.	LATITUDE, LONGITUDE	47 8 116 27
E.	STREAM NAME	ST.MARIES RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	19.9 TO 28.8

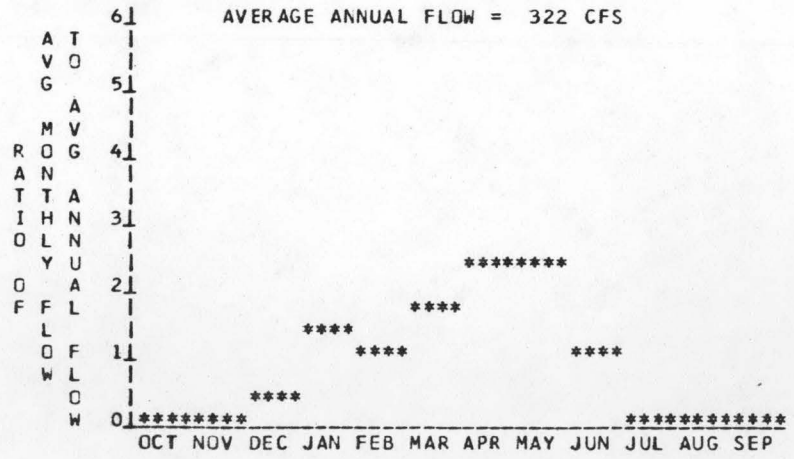
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2720 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2580 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	140 FT.
D.	AVERAGE SLOPE IN REACH	15.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	276 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	0.36	3.10	1.00
80	51	0.61	5.09	0.94
50	125	1.49	10.10	0.77
30	317	3.77	18.06	0.55
10	901	10.69	30.19	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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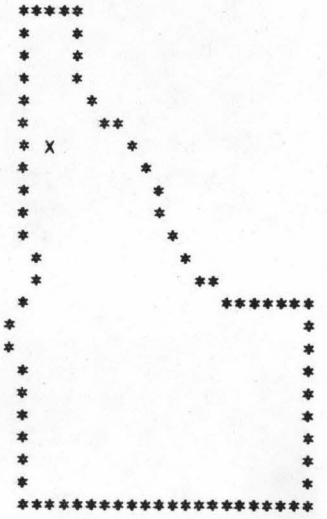
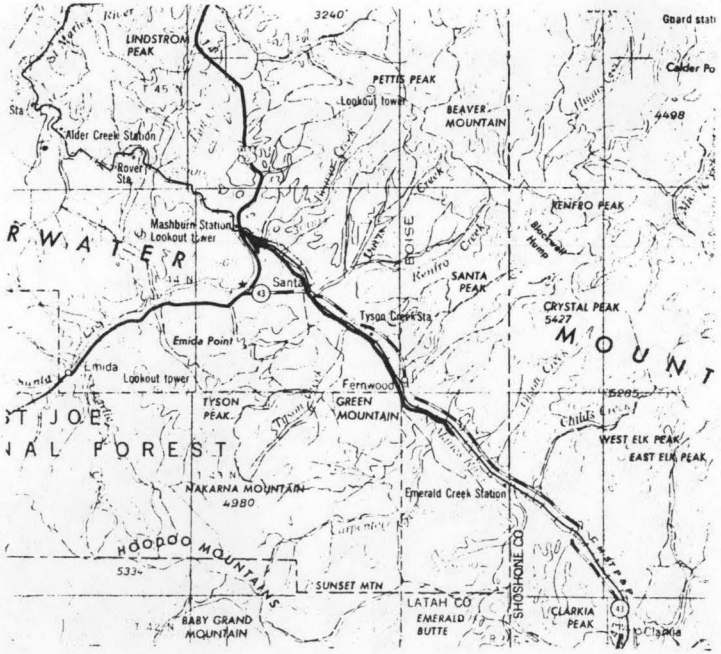
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500420502010R00C8

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH, SHOSHONE
C.	TOWNSHIP, RANGE	T43N R01E
D.	LATITUDE, LONGITUDE	47 4 116 4
E.	STREAM NAME	ST.MARIES RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	28.8 TO 36.9

LOCATION MAPS

U.S. TOPO SERIES
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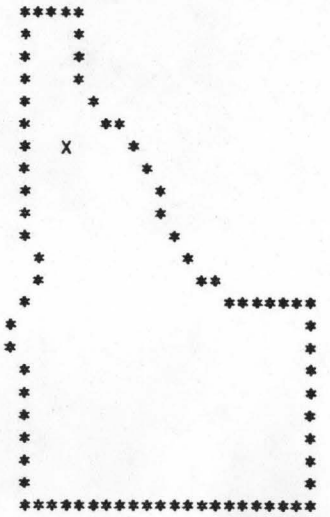
SCALE

MAP NAME
SPOKANE



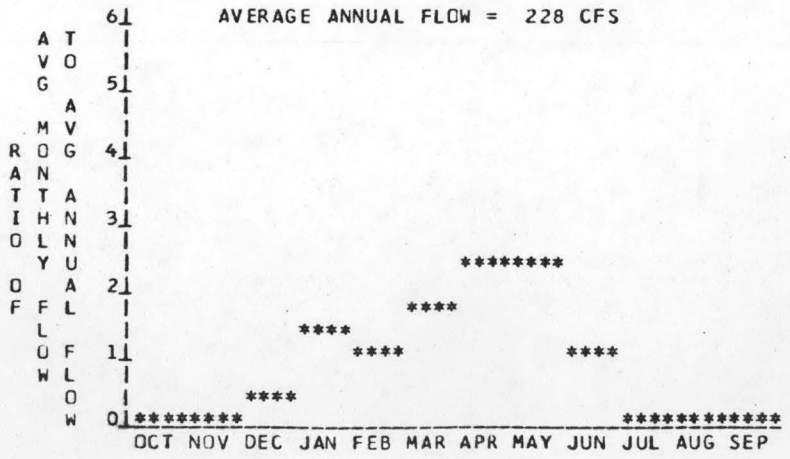
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

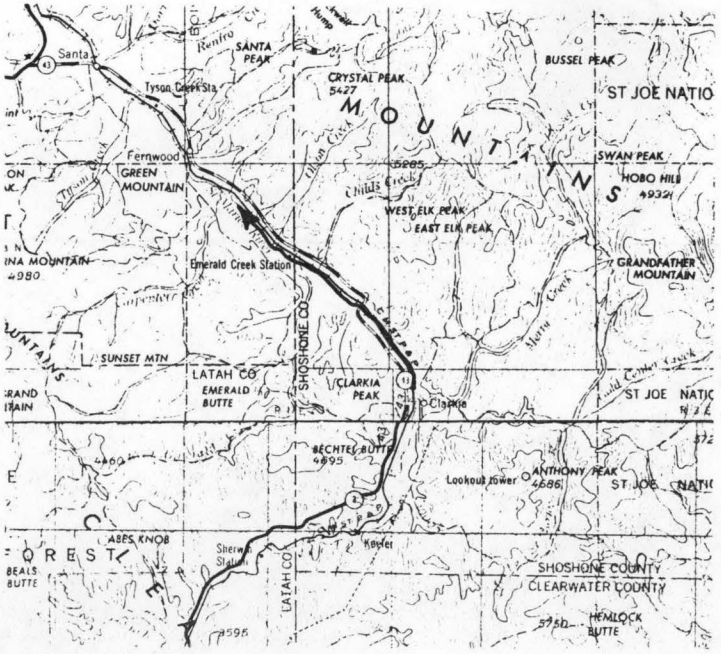
A.	UPSTREAM ELEVATION OF REACH	2840 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2720 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	14.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	184 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	0.21	1.80	1.00
80	36	0.37	3.05	0.94
50	89	0.91	6.13	0.77
30	224	2.28	10.93	0.55
10	642	6.53	18.38	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020l0R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T42N R02E
D.	LATITUDE, LONGITUDE	47 0 116 12
E.	STREAM NAME	ST.MARIES RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	36.9 TO 39.4

LOCATION MAPS

U.S. TOPO SERIES
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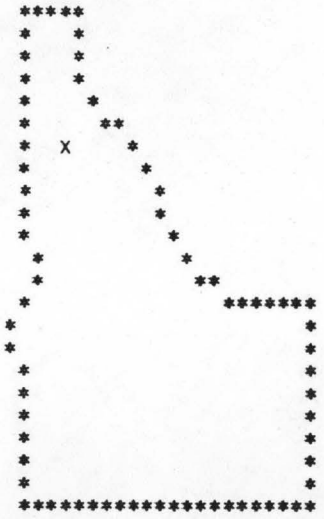
SCALE

MAP NAME
SPOKANE



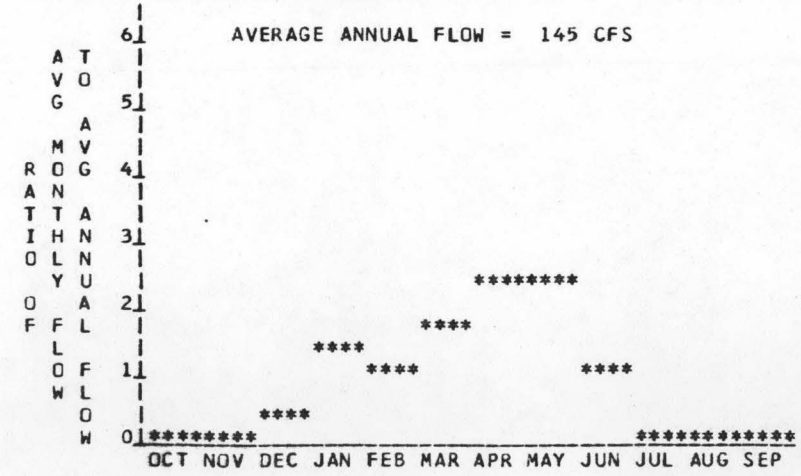
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

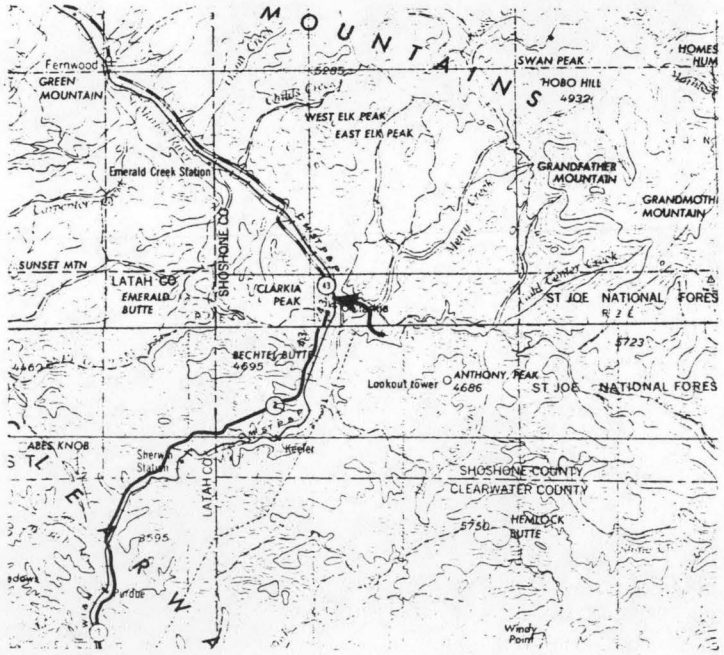
A.	UPSTREAM ELEVATION OF REACH	2920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2840 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	32.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	104 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	12	0.15	1.31	1.00
80	22	0.28	2.32	0.94
50	56	0.70	4.72	0.77
30	141	1.75	8.38	0.55
10	410	5.07	14.20	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050201OR0005

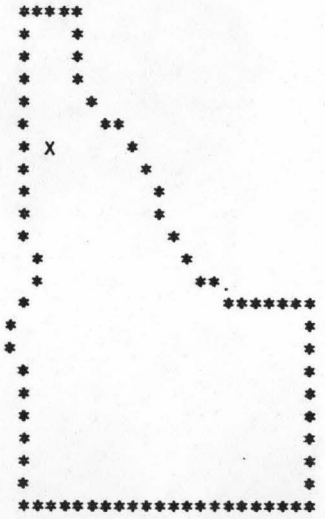
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BENEWAH
C.	TOWNSHIP, RANGE	T44N R02W
D.	LATITUDE, LONGITUDE	47 9 116 33
E.	STREAM NAME	SANTA CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 0.4

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
SPOKANE



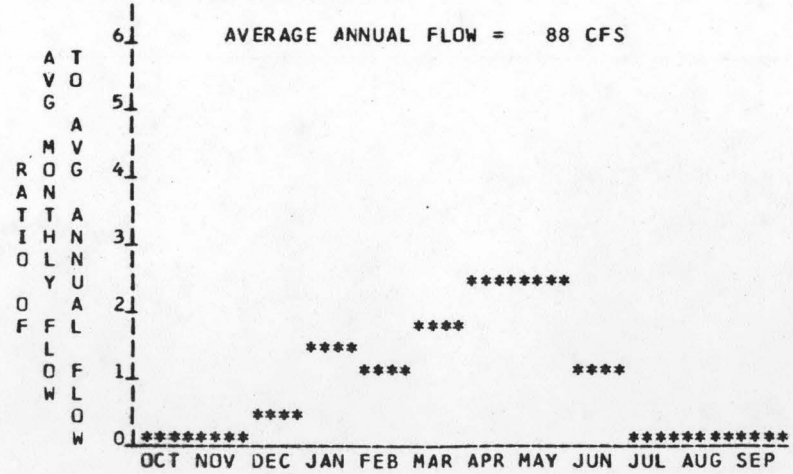
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

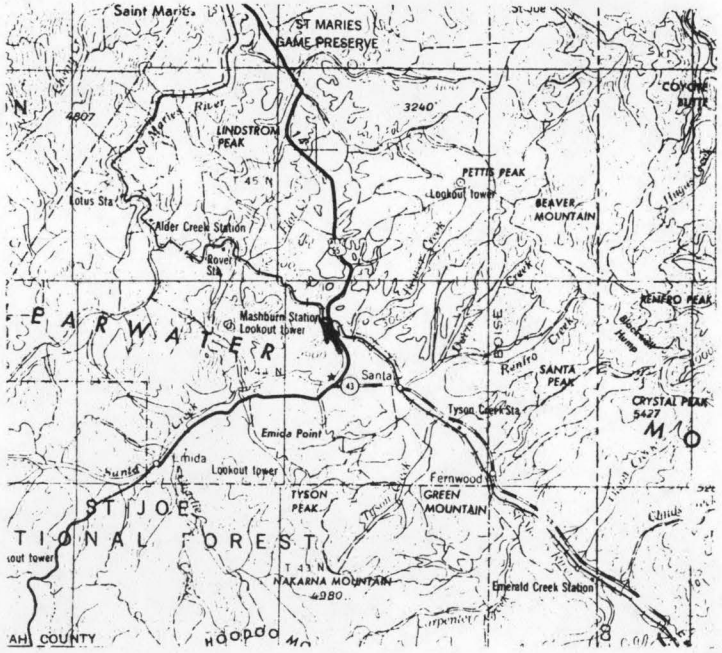
A.	UPSTREAM ELEVATION OF REACH	2640 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2580 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	60 FT.
D.	AVERAGE SLOPE IN REACH	150.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	76 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	6	0.07	0.64	0.99
80	13	0.14	1.19	0.94
50	34	0.37	2.46	0.76
30	84	0.91	4.35	0.55
10	249	2.67	7.43	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500420502000R0011

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T46N R03E
D.	LATITUDE, LONGITUDE	47 19 116 6
E.	STREAM NAME	BIG CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 3.2

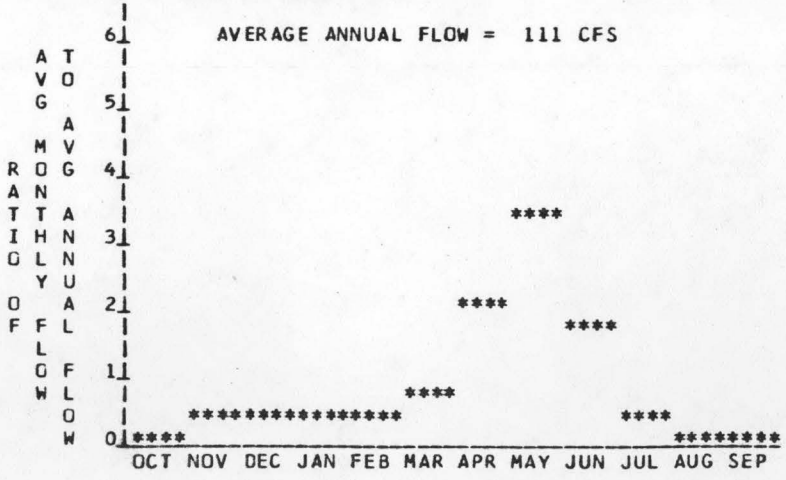
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2220 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	180 FT.
D.	AVERAGE SLOPE IN REACH	56.3 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	8	0.19	1.63	1.00
80	17	0.36	2.94	0.94
50	43	0.91	6.07	0.76
30	107	2.24	10.73	0.55
10	313	6.54	18.27	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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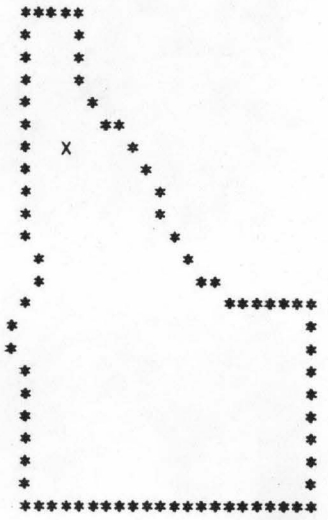
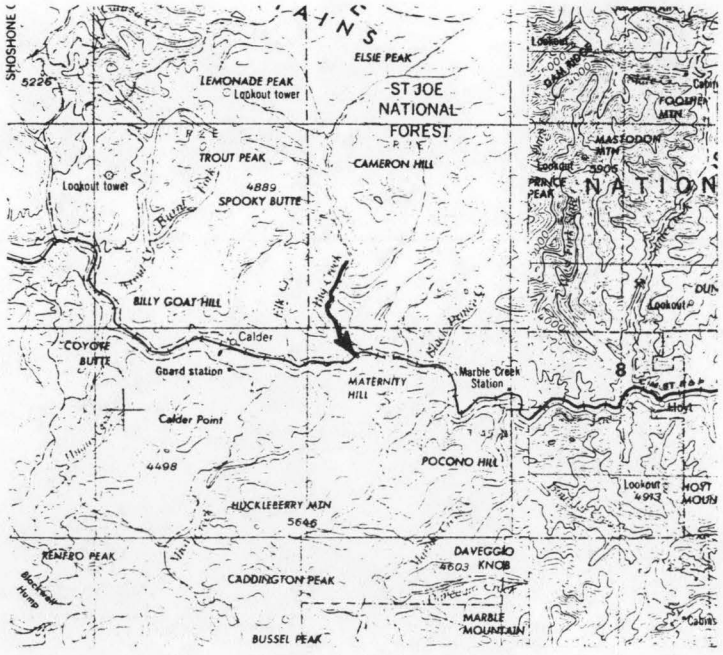
SCALE

MAP NAME
SPOKANE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0013

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N R03E
D.	LATITUDE, LONGITUDE	47 7 116 4
E.	STREAM NAME	MARBLE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 10.4

LOCATION MAPS

U.S. TOPO SERIES
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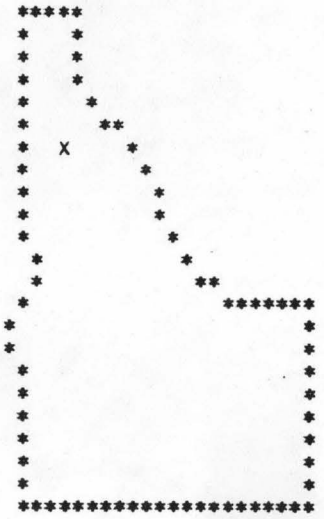
SCALE

MAP NAME
SPOKANE



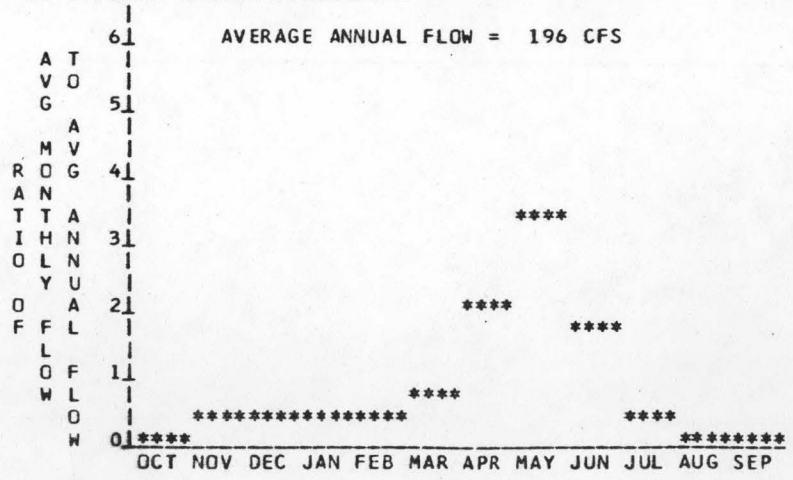
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

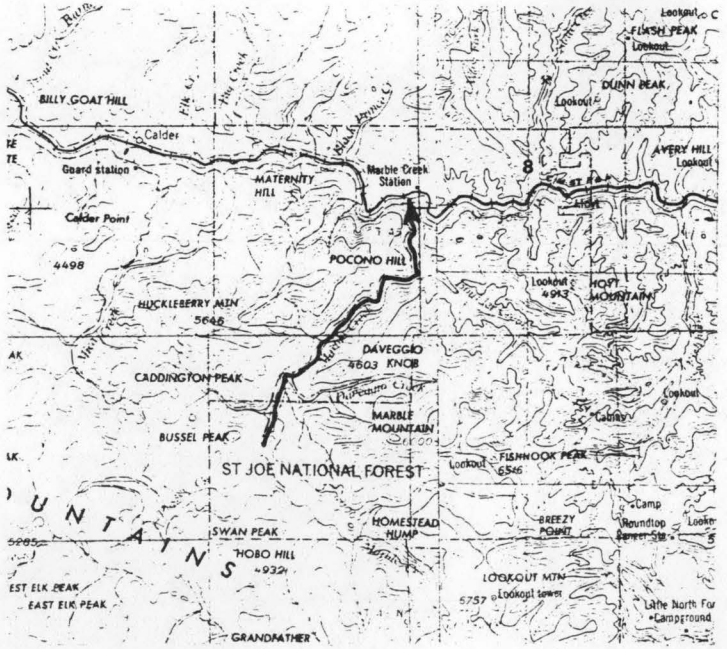
A.	UPSTREAM ELEVATION OF REACH	3080 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2280 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	800 FT.
D.	AVERAGE SLOPE IN REACH	76.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	139 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	17	1.25	10.92	1.00
80	30	2.27	18.76	0.94
50	76	5.63	37.88	0.77
30	191	14.05	67.39	0.55
10	551	40.46	113.65	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0017

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T46N R04E
D.	LATITUDE, LONGITUDE	47 19 115 56
E.	STREAM NAME	SLATE CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 5.0

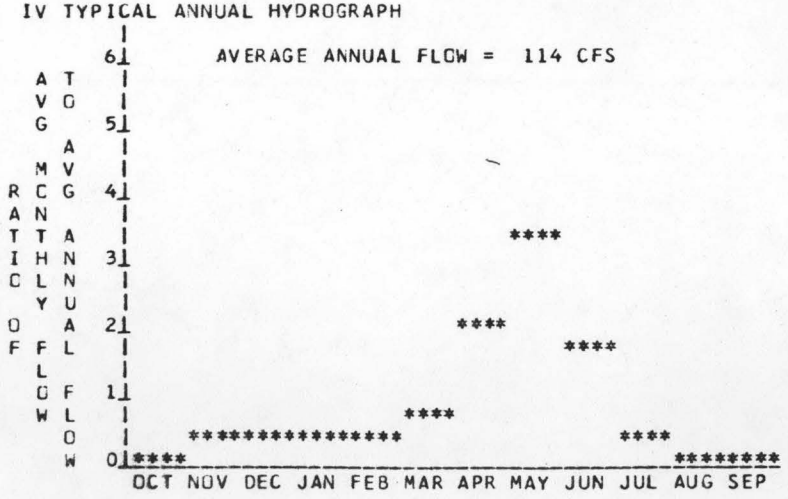
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2360 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	520 FT.
D.	AVERAGE SLOPE IN REACH	104.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	66 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	9	0.46	4.02	1.00
80	17	0.88	7.25	0.94
50	44	2.23	14.93	0.76
30	110	5.50	26.40	0.55
10	324	16.09	44.95	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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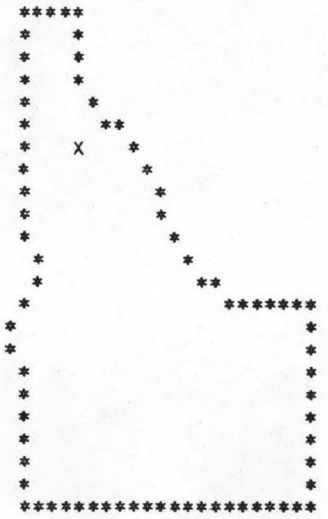
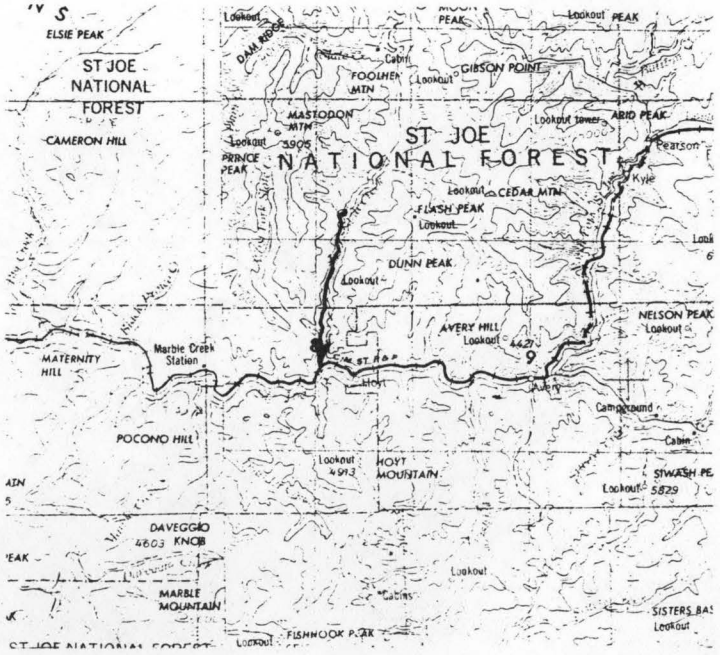
SCALE

MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050200OR0023

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N R05E
D.	LATITUDE, LONGITUDE	47 10 115 53
E.	STREAM NAME	FISHHOOK CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 0.1

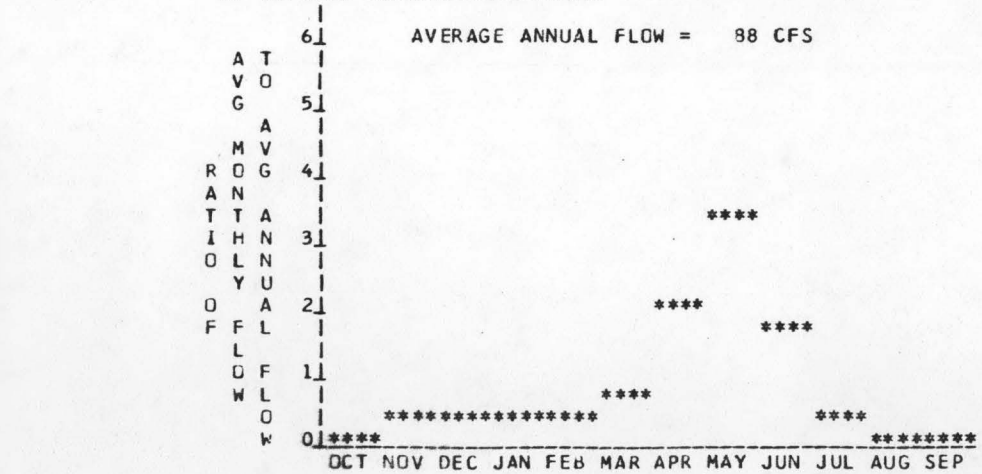
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2440 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	400.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	40 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	6	0.06	0.54	0.99
80	13	0.12	1.00	0.94
50	34	0.31	2.07	0.76
30	84	0.76	3.65	0.55
10	249	2.24	6.25	0.32

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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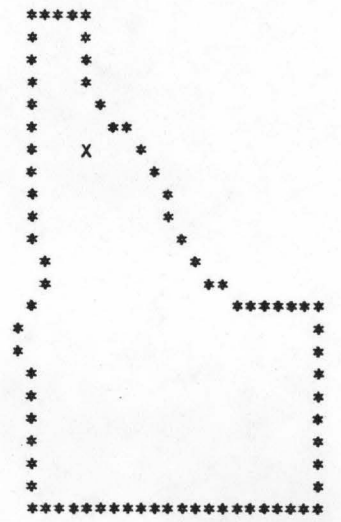
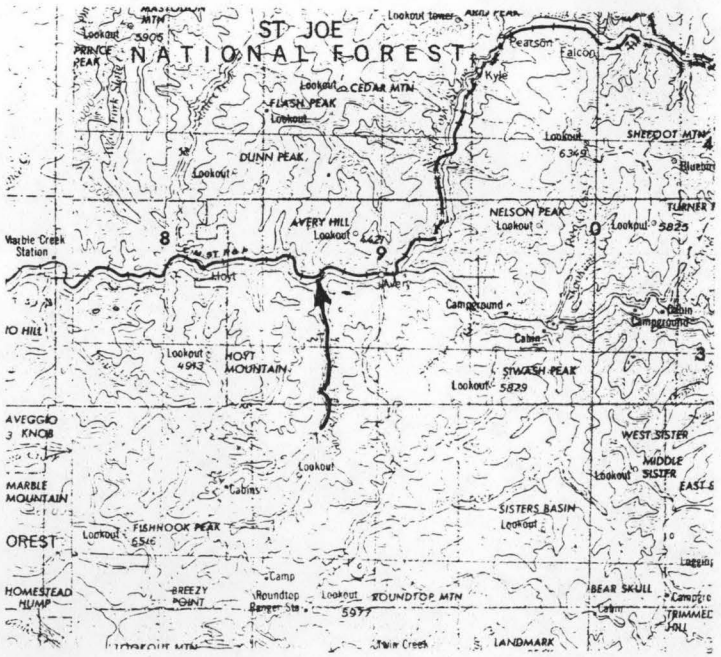
SCALE

MAP NAME
WALLACE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035004205020000R0027

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T46N R06E
D.	LATITUDE, LONGITUDE	47 20 115 45
E.	STREAM NAME	NO FORK ST JOE RIVER
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 9.0

LOCATION MAPS

U.S. TOPO SERIES
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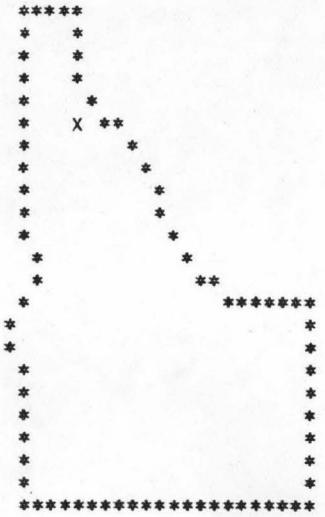
SCALE

MAP NAME
WALLACE



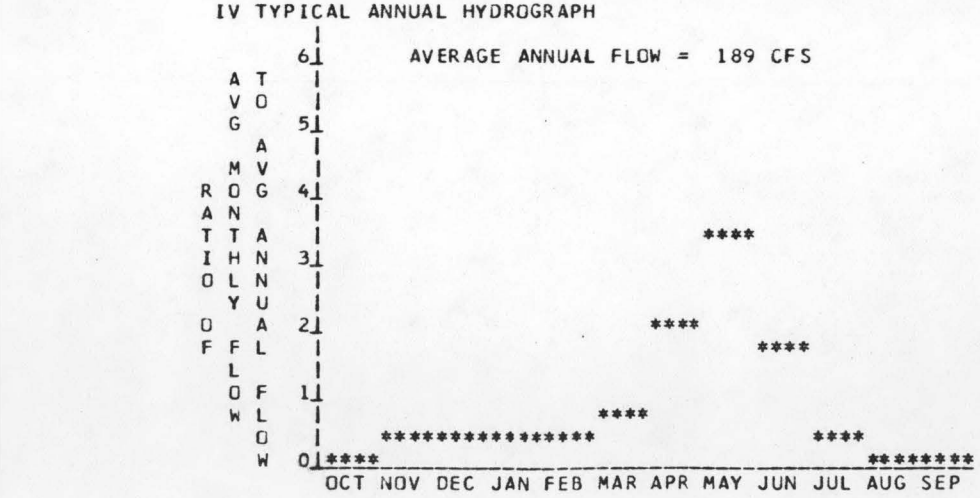
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3040 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	560 FT.
D.	AVERAGE SLOPE IN REACH	62.2 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	16	0.87	7.57	1.00
80	29	1.58	13.04	0.94
50	73	3.92	26.37	0.77
30	184	9.78	46.89	0.55
10	531	28.18	79.14	0.32

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042050200OR0031

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N R06E
D.	LATITUDE, LONGITUDE	47 10 115 42
E.	STREAM NAME	SISTERS CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 2.1

LOCATION MAPS

U.S. TOPO SERIES
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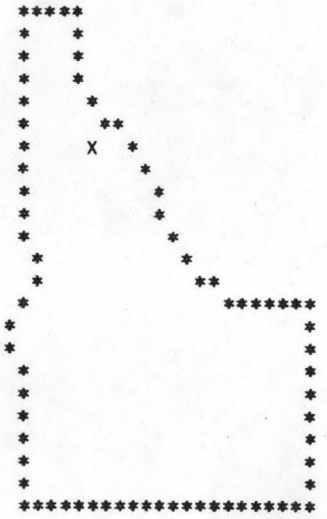
SCALE

MAP NAME
WALLACE



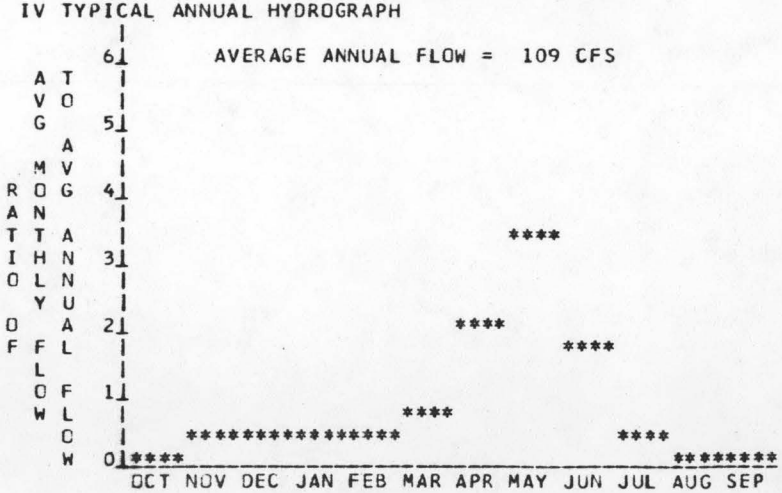
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

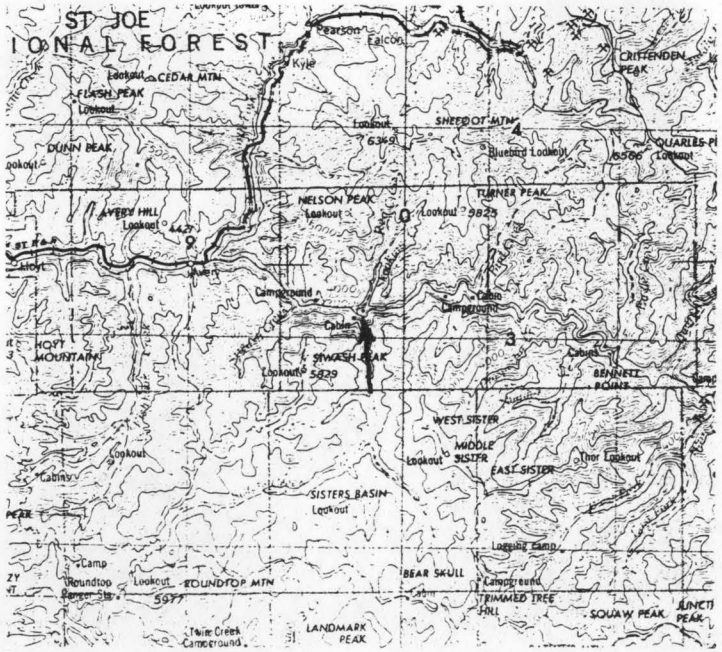
A.	UPSTREAM ELEVATION OF REACH	2960 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	171.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	46 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	0.32	2.79	1.00
80	16	0.61	5.04	0.94
50	43	1.55	10.39	0.76
30	106	3.83	18.37	0.55
10	310	11.21	31.29	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350042C5020C0R0041

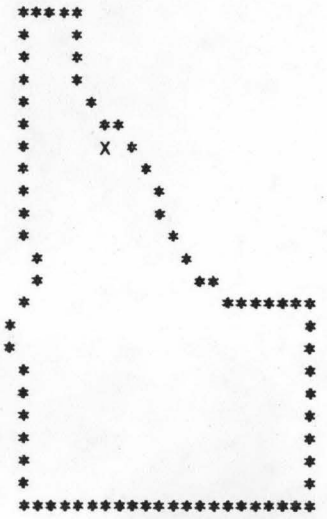
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T44N R09E
D.	LATITUDE, LONGITUDE	47 9 115 21
E.	STREAM NAME	SIMMONS CREEK
F.	MAJOR BASIN NAME	SPOKANE RIVER
G.	RIVER MILE	0.0 TO 2.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
WALLACE



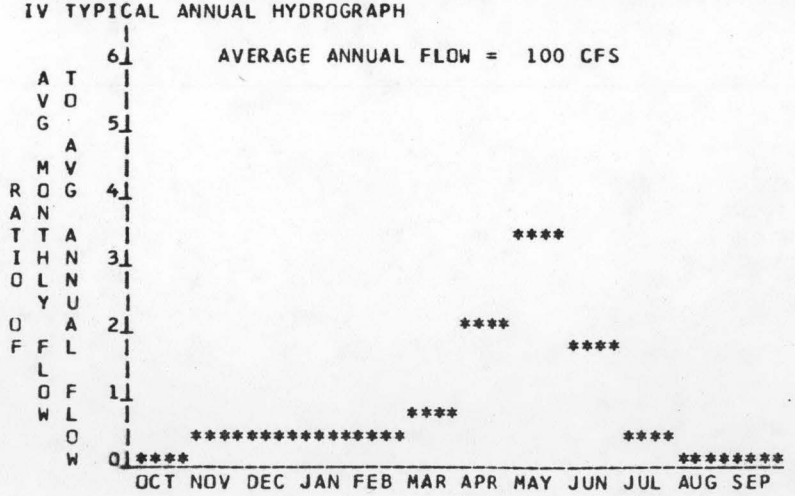
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

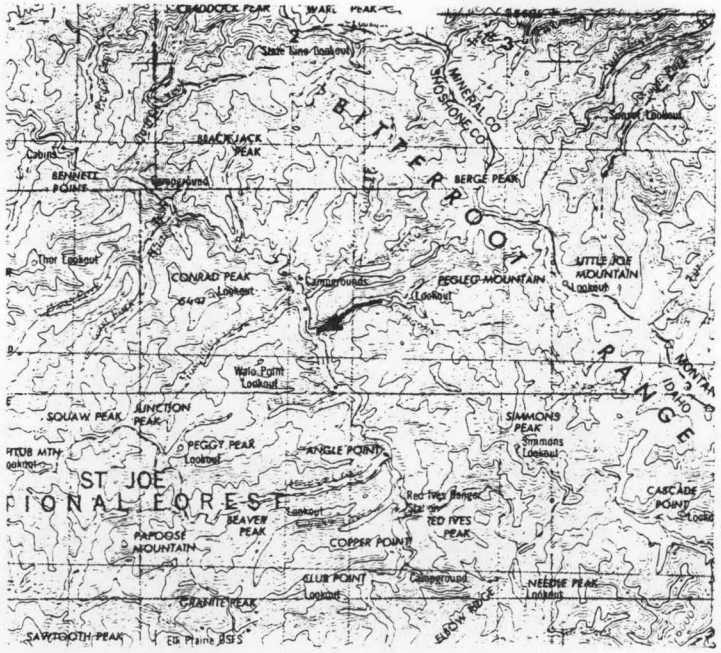
A.	UPSTREAM ELEVATION OF REACH	3600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3360 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	114.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	39 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	7	0.21	1.80	1.00
80	15	0.40	3.28	0.94
50	39	1.01	6.78	0.76
30	96	2.50	11.98	0.55
10	282	7.33	20.45	0.32

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024000000R0002

I LOCATION

A.	STATE	IDAHO, WASHINGTON
B.	COUNTY	NEZ PERCE, ASOTIN
C.	TOWNSHIP, RANGE	T34N R 5W
D.	LATITUDE, LONGITUDE	46 15 116 57
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	142.6 TO 168.7

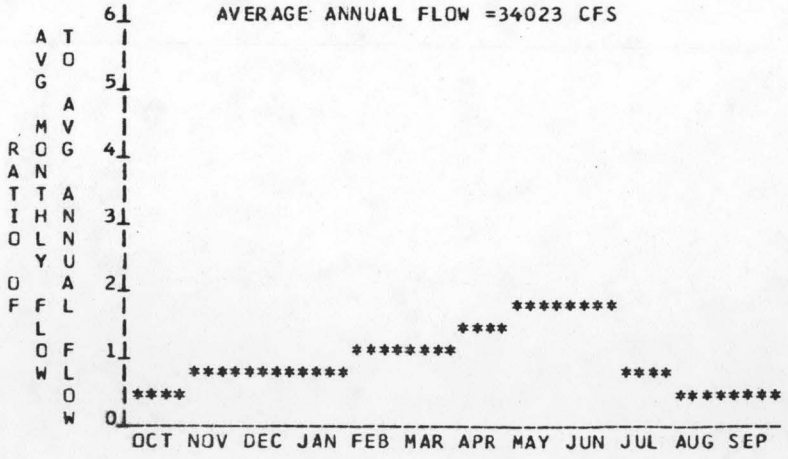
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	820 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	738 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	82 FT.
D.	AVERAGE SLOPE IN REACH	3.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	93353 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	14955	103.92	902.84	0.99
80	18207	126.52	1076.06	0.97
50	26482	184.03	1403.49	0.87
30	36699	255.03	1652.27	0.74
10	62394	433.59	1965.10	0.52

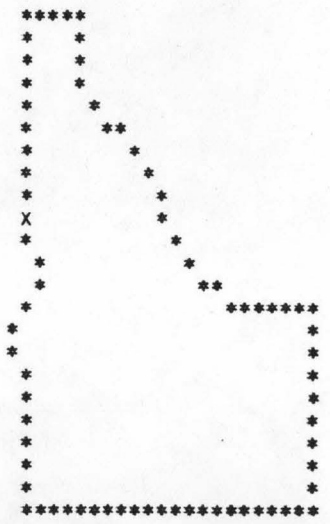
IV TYPICAL ANNUAL HYDROGRAPH

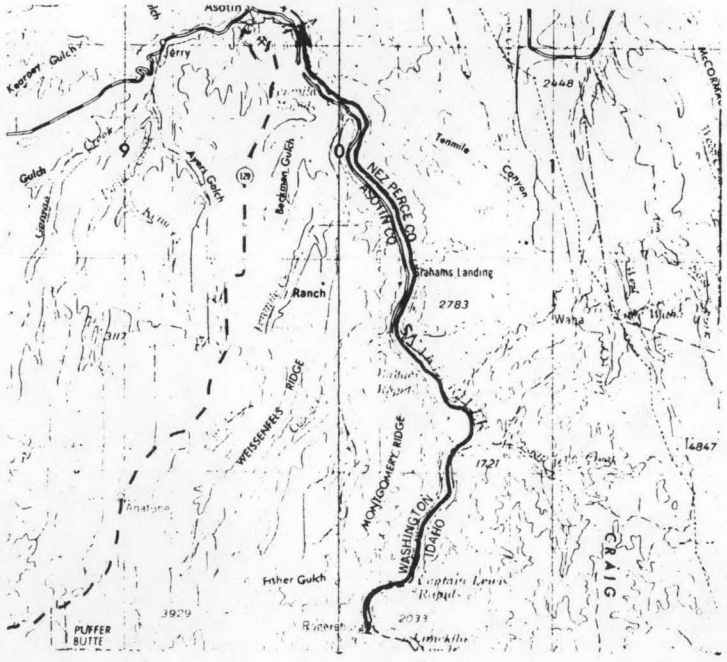


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCCCCR0004

I LOCATION

A.	STATE	IDAHO, WASHINGTON
B.	COUNTY	NEZ PERCE, ASOTIN
C.	TOWNSHIP, RANGE	T31N R 5W
D.	LATITUDE, LONGITUDE	46 3 116 56
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	168.7 TO 175.7

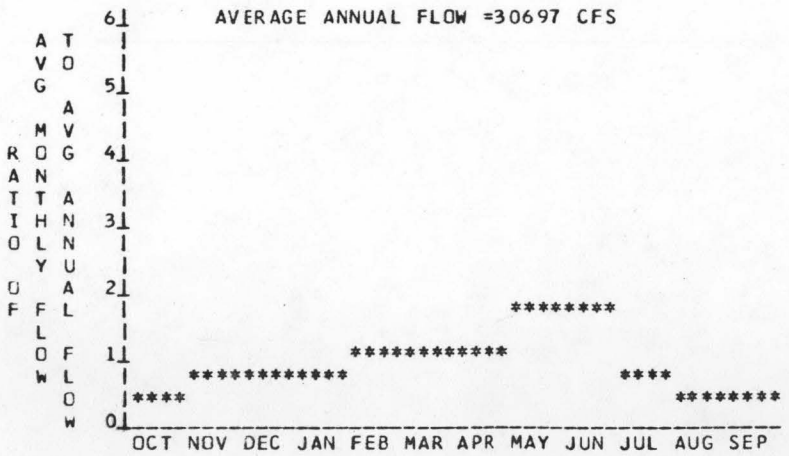
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	860 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	820 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	89010 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	13766	46.66	405.98	0.99
80	17327	58.74	498.51	0.97
50	24244	82.18	632.02	0.88
30	32529	110.27	730.43	0.76
10	55213	187.16	865.15	0.53

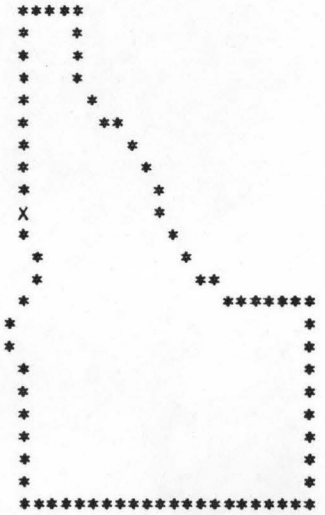
IV TYPICAL ANNUAL HYDROGRAPH

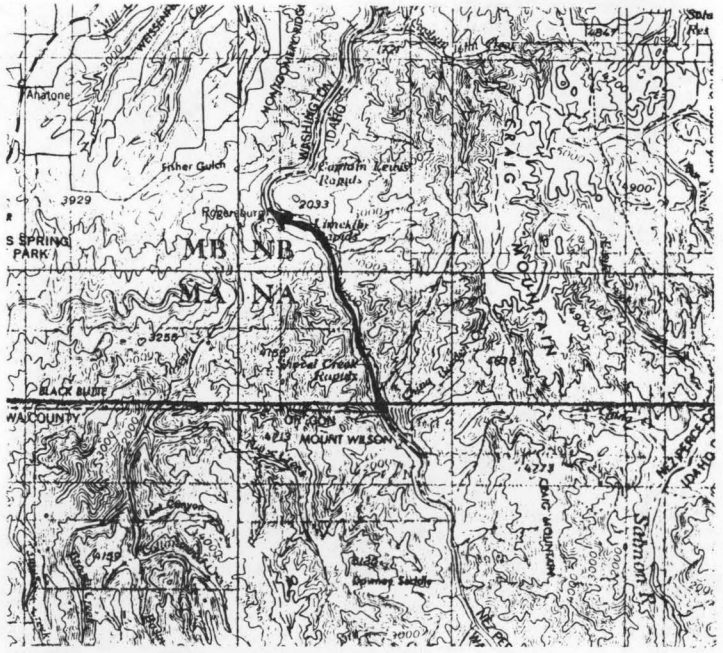


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400000000R0006

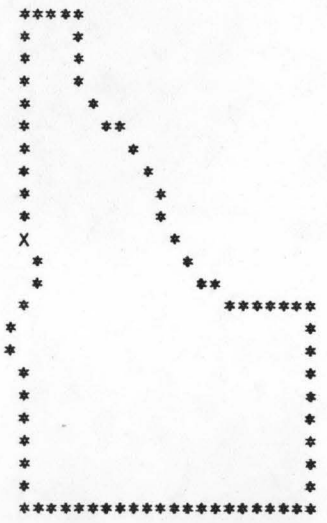
I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	NEZ PERCE, WALLOWA
C.	TOWNSHIP, RANGE	T3ON R 4W
D.	LATITUDE, LONGITUDE	45 55 116 52
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	175.7 TO 188.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE



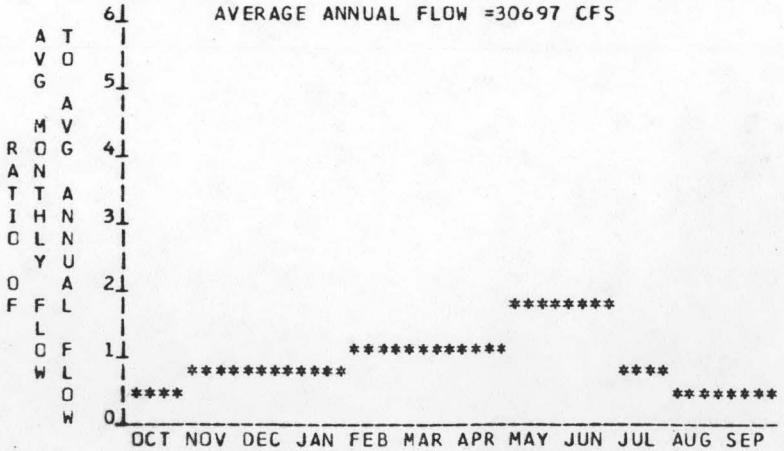
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

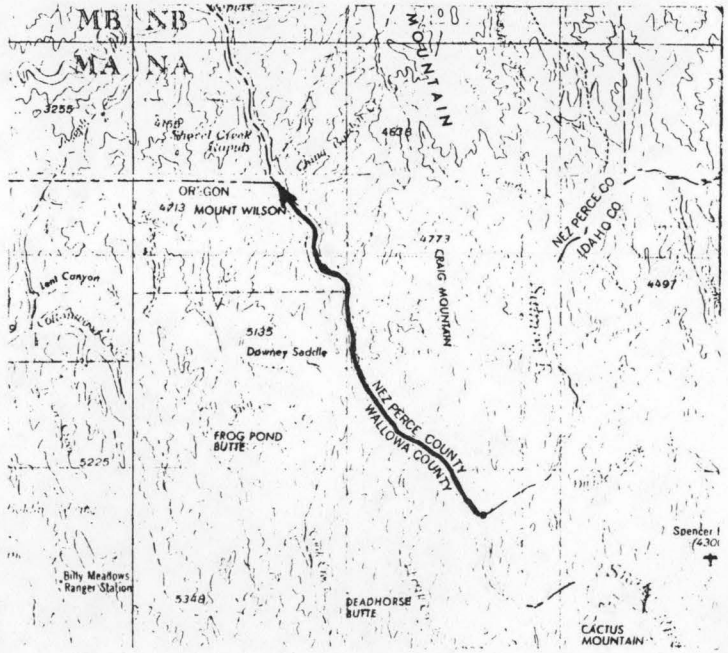
A.	UPSTREAM ELEVATION OF REACH	900 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	860 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	3.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	88974 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	13766	46.66	405.98	0.99
80	17327	58.74	498.51	0.97
50	24244	82.18	632.02	0.88
30	32529	110.27	730.43	0.76
10	55213	187.16	865.15	0.53

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

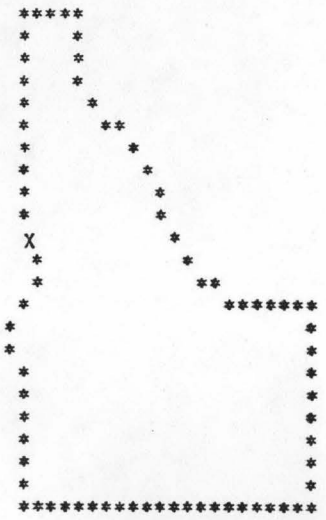
REACH NUMBER 03500240C000000R00C8

I	LOCATION	
A.	STATE	IDAHO, OREGON
B.	COUNTY	IDAHO, WALLOWA
C.	TOWNSHIP, RANGE	T3ON R 4W
D.	LATITUDE, LONGITUDE	45 51 116 47
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	188.2 TO 191.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE

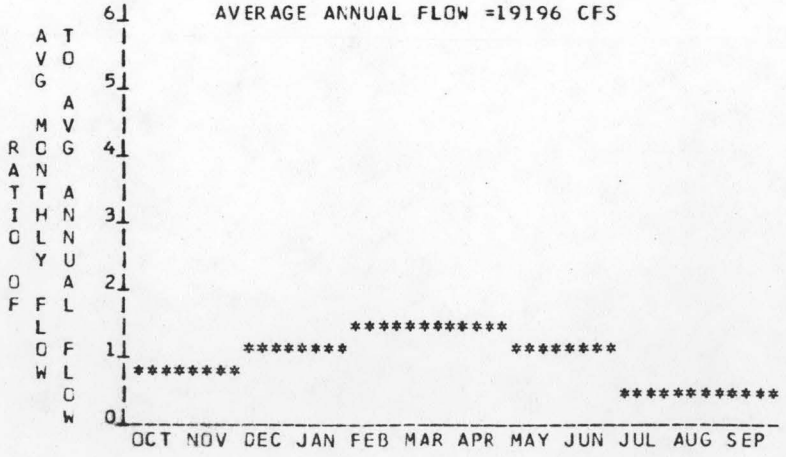


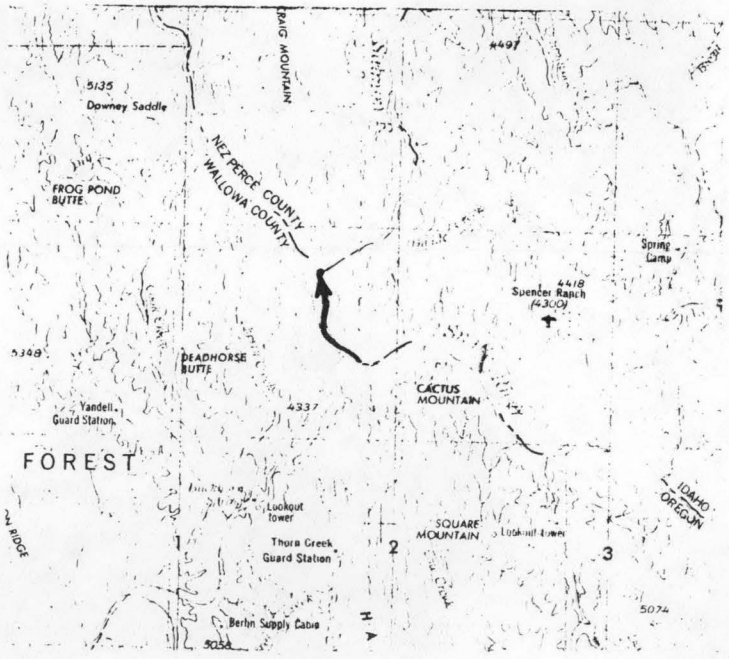
II	HYDROLOGIC AND HYDRAULIC CHARACTERISTICS	
A.	UPSTREAM ELEVATION OF REACH	940 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	900 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	11.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	74770 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	9353	31.71	275.99	0.99
80	11522	39.06	332.35	0.97
50	16452	55.77	427.50	0.88
30	21261	72.07	484.62	0.77
10	31856	107.99	547.55	0.58

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240CC0000R0010

I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	IDAHO, WALLOWA
C.	TOWNSHIP, RANGE	T28N R 2W
D.	LATITUDE, LONGITUDE	45 45 116 34
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	191.7 TO 220.1

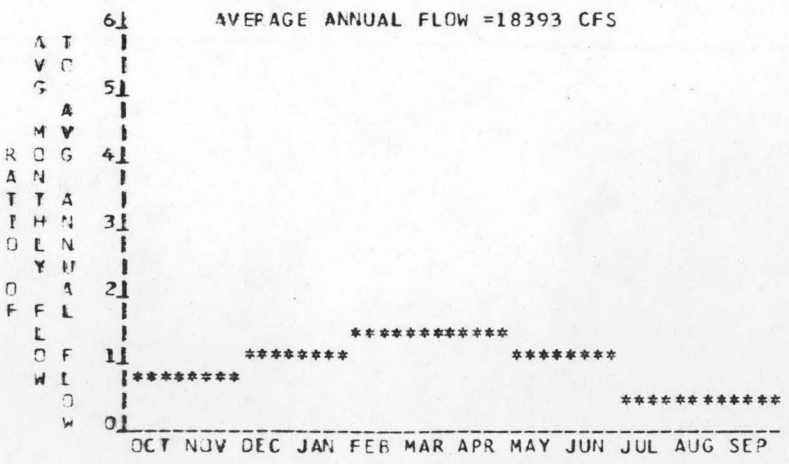
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1180 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	940 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	8.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	73800 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	8944	181.91	1584.89	0.99
80	11188	227.55	1934.72	0.97
50	15709	319.50	2458.30	0.88
30	20484	416.62	2798.60	0.77
10	30134	612.89	3142.47	0.59

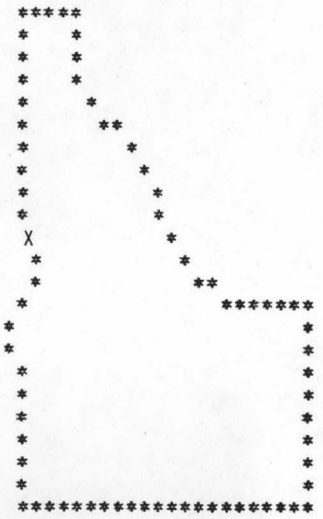
IV TYPICAL ANNUAL HYDROGRAPH

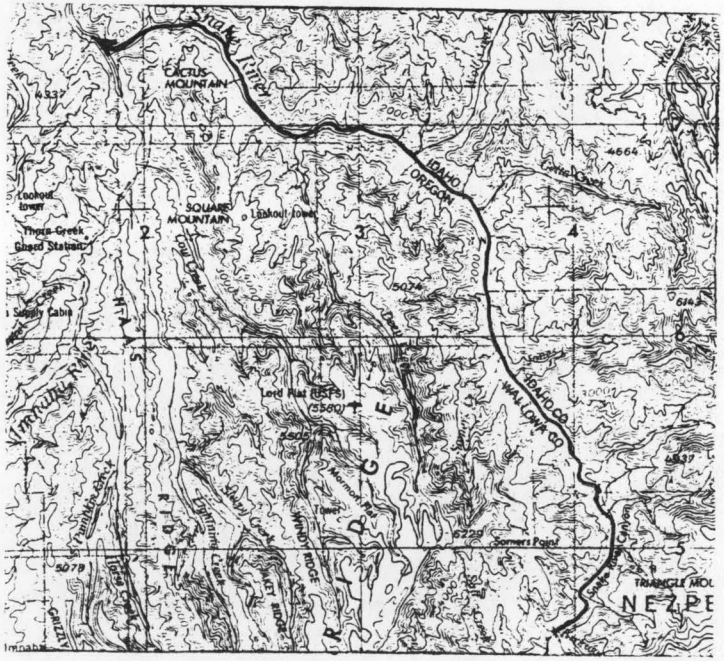


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C0CC000CR0011

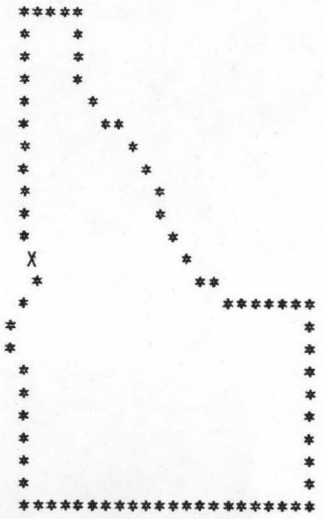
I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	IDAHO, WALLOWA
C.	TOWNSHIP, RANGE	T25N R 2W
D.	LATITUDE, LONGITUDE	45 28 116 32
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	220.1 TO 247.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
GRANGEVILLE



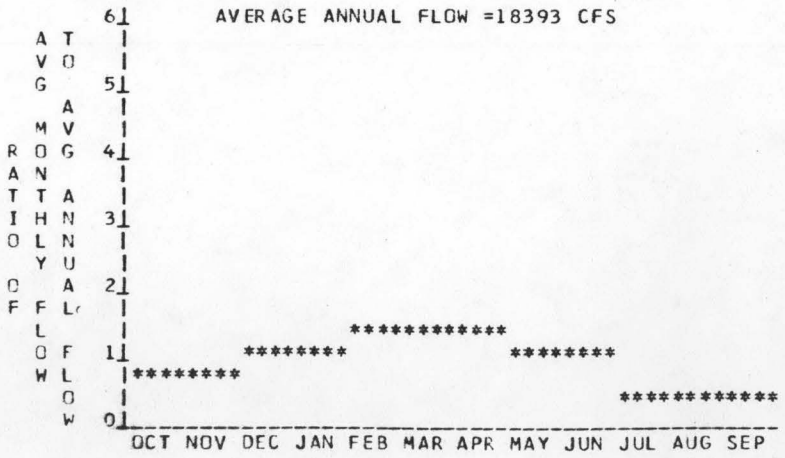
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

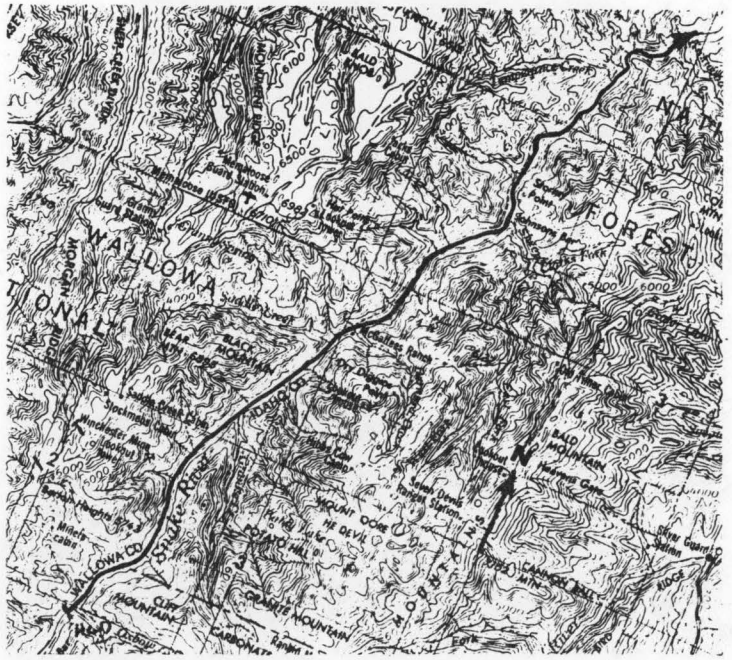
A.	UPSTREAM ELEVATION OF REACH	1480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1180 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	300 FT.
D.	AVERAGE SLOPE IN REACH	11.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	72945 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8944	227.39	1981.11	0.99
80	11188	284.44	2418.40	0.97
50	15709	399.38	3072.88	0.88
30	20484	520.78	3498.26	0.77
10	30134	766.12	3928.09	0.59

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCC000R0012

I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	WASHINGTON, MALHEUR
C.	TOWNSHIP, RANGE	T11N R 6W
D.	LATITUDE, LONGITUDE	44 14 117 0
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	344.5 TO 351.2

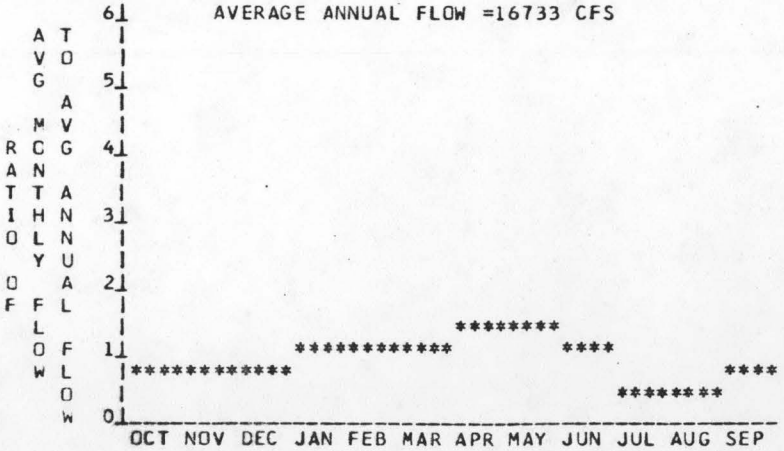
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2092 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2077 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	15 FT.
D.	AVERAGE SLOPE IN REACH	2.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	69200 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	9124	11.60	101.15	1.00
80	10731	13.64	116.81	0.98
50	13819	17.57	139.16	0.90
30	17641	22.42	156.18	0.80
10	26802	34.07	176.59	0.59

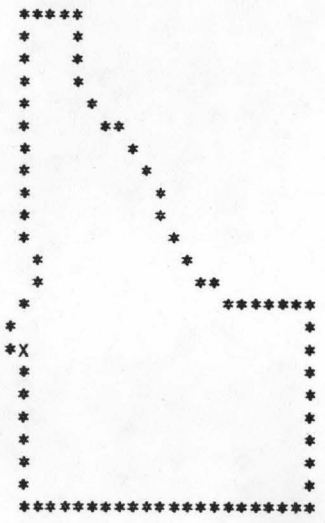
IV TYPICAL ANNUAL HYDROGRAPH

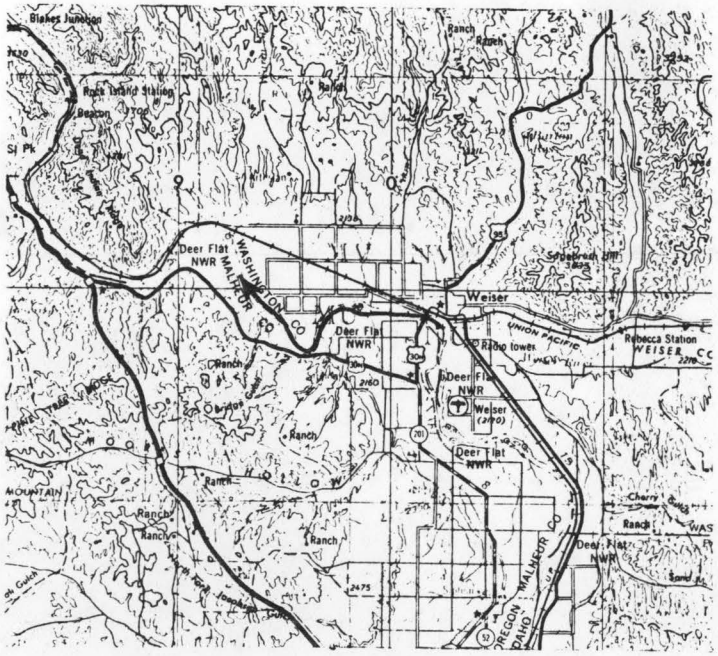


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BAKER





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCOOOR0014

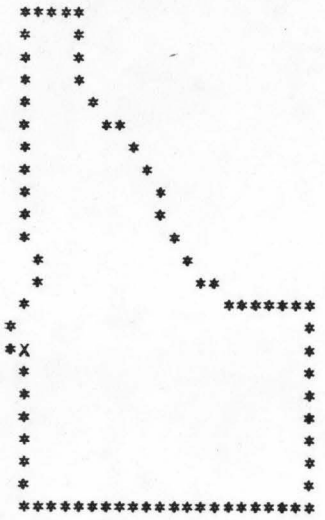
I LOCATION

A. STATE	IDAHO, OREGON	
B. COUNTY	WASHINGTON, PAYETTE, MALHEUR	
C. TOWNSHIP, RANGE	T10N R 5W	
D. LATITUDE, LONGITUDE	44 12 116 54	
E. STREAM NAME	SNAKE RIVER	
F. MAJOR BASIN NAME	SNAKE RIVER	
G. RIVER MILE	351.2 TO 365.6	

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BAKER



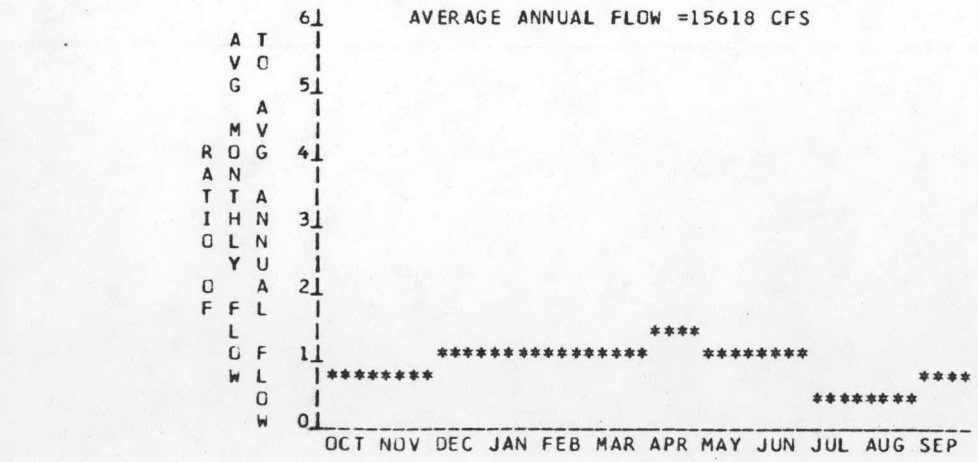
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

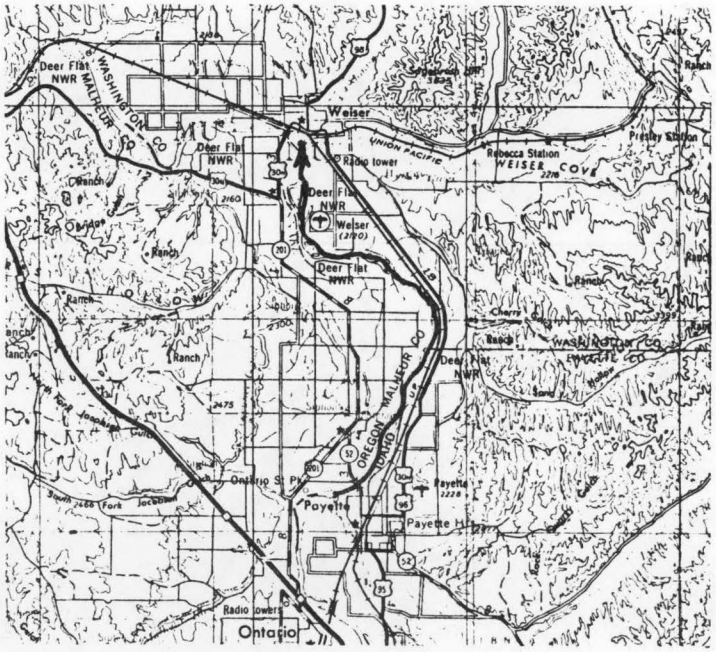
A. UPSTREAM ELEVATION OF REACH	2125 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2092 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	33 FT.
D. AVERAGE SLOPE IN REACH	2.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	67540 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	8823	24.67	215.34	1.00
80	10515	29.41	251.61	0.98
50	13367	37.38	297.02	0.91
30	16247	45.44	325.24	0.82
10	24577	68.73	366.06	0.61

IV TYPICAL ANNUAL HYDROGRAPH





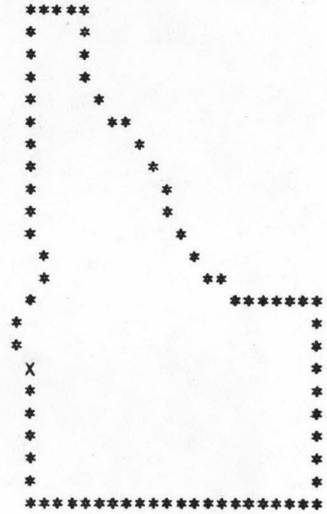
REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C0C0000CR0016

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BOISE



I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	PAYETTE, CANYON, MALHEUR
C.	TOWNSHIP, RANGE	T 7N R 5W
D.	LATITUDE, LONGITUDE	43 57 116 57
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	365.6 TO 391.3

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2182 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2125 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	57 FT.
D.	AVERAGE SLOPE IN REACH	2.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	63958 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	7242	34.98	305.13	1.00
80	8657	41.82	357.52	C.98
50	11109	53.66	424.97	0.90
30	13507	65.25	465.56	0.81
10	18999	91.77	512.03	0.64

IV TYPICAL ANNUAL HYDROGRAPH

```
        6I        AVERAGE ANNUAL FLOW =12409 CFS
  A T    I
  V O    I
  G      5I
    A    I
  M V    I
R O G   4I
A N      I
T T A    I
I H N   3I
O L N    I
  Y U    I
C   A   2I
F F L    I
  L      I                          ****
  O F   1I    ********************       ****
  W L    I****                                ****           ****
    O    I                                        ********
    W   0I------------------------------------------------------------
          OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP
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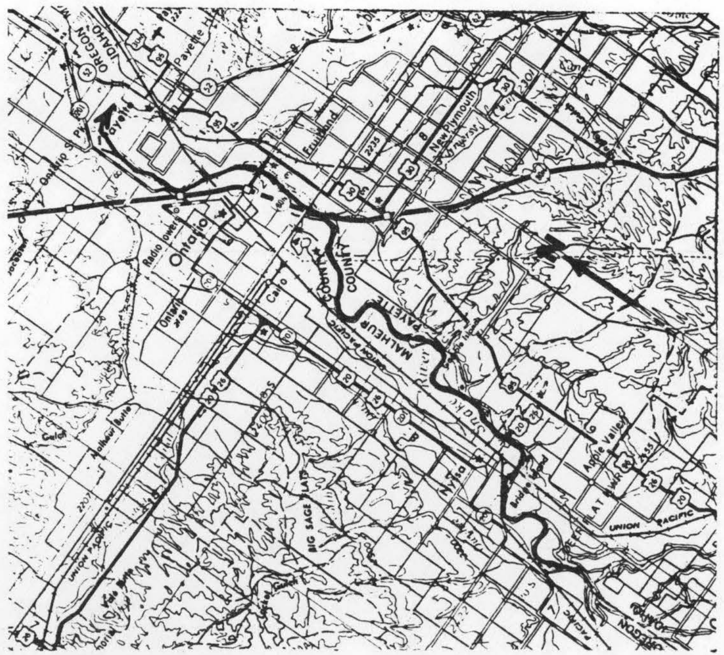


REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240CCCCCCOR0018

I LOCATION

A.	STATE	IDAHO, OREGON
B.	COUNTY	CANYON, MALHEUR
C.	TOWNSHIP, RANGE	T 5N R 6W
D.	LATITUDE, LONGITUDE	43 47 117 2
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	391.3 TO 395.4

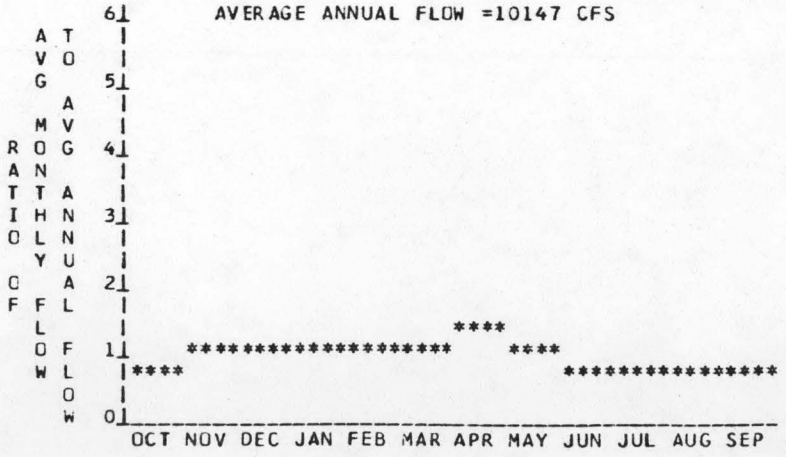
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2186 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2182 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	4 FT.
D.	AVERAGE SLOPE IN REACH	1.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	54567 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	6522	2.21	19.29	1.00
80	7519	2.55	21.88	0.98
50	8937	3.03	24.62	0.93
30	10788	3.66	26.82	0.84
10	15138	5.13	29.40	0.65

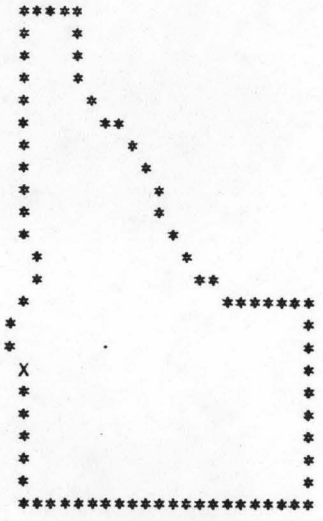
IV TYPICAL ANNUAL HYDROGRAPH

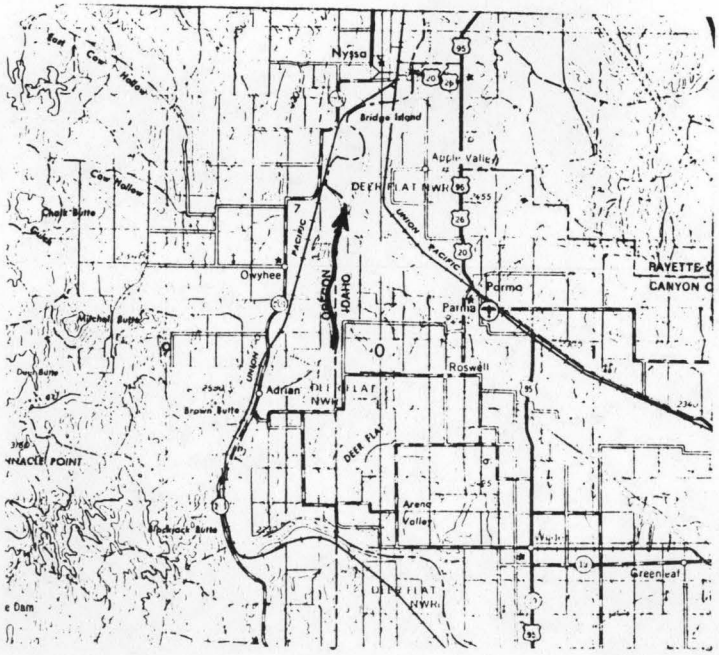


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BOISE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 025C0240CCCCCCR0C19

I LOCATION

A.	STATE	OREGON
B.	COUNTY	MALHEUR
C.	TOWNSHIP, RANGE	T21S R46E
D.	LATITUDE, LONGITUDE	43 42 117 4
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	395.4 TO 405.9

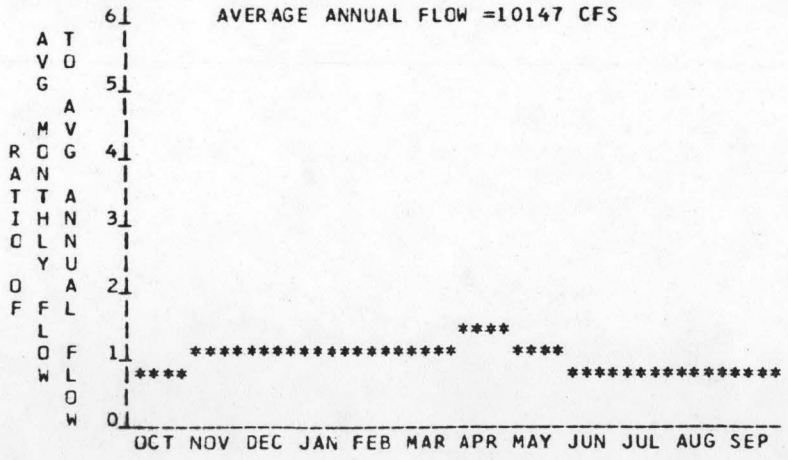
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2199 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2186 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	13 FT.
D.	AVERAGE SLOPE IN REACH	1.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	53764 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	6522	7.19	62.70	1.00
80	7519	8.28	71.12	0.98
50	8937	9.85	80.01	0.93
30	10788	11.89	87.16	0.84
10	15138	16.68	95.55	0.65

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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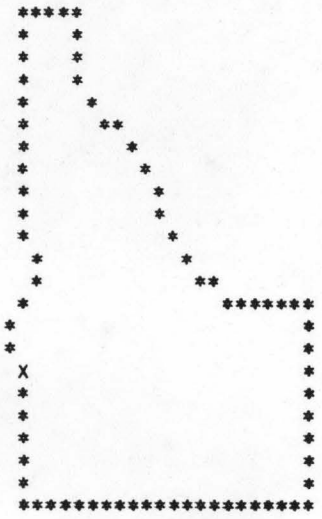
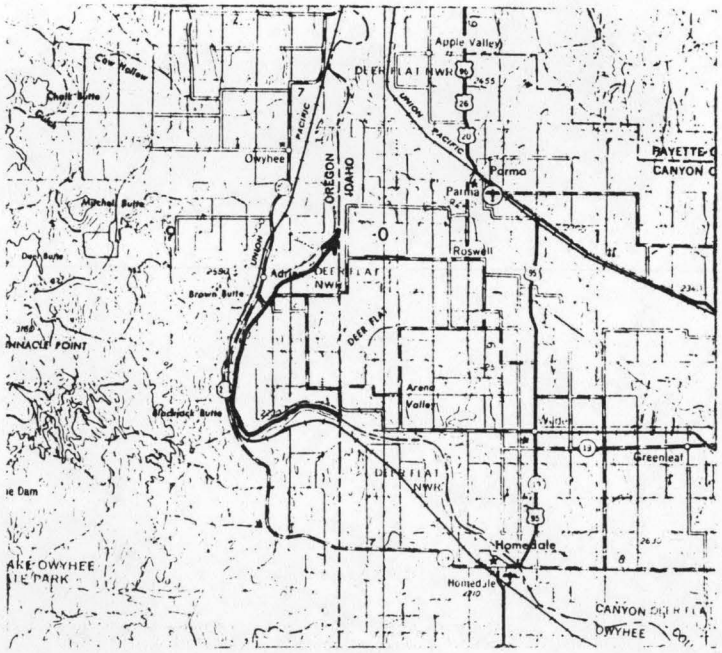
MAP NAME
BOISE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCCCCR0C20

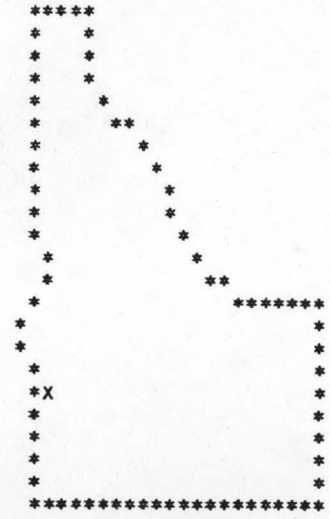
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CANYON, OWYHEE
C.	TOWNSHIP, RANGE	T 3N R 4W
D.	LATITUDE, LONGITUDE	43 35 116 50
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	405.9 TO 432.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BOISE



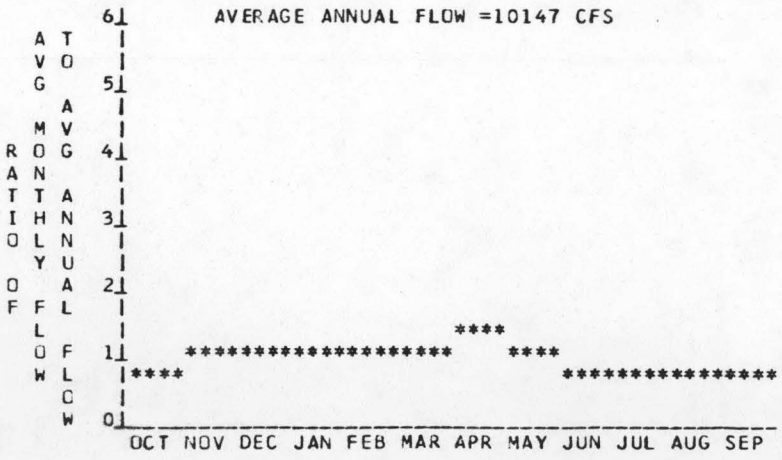
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

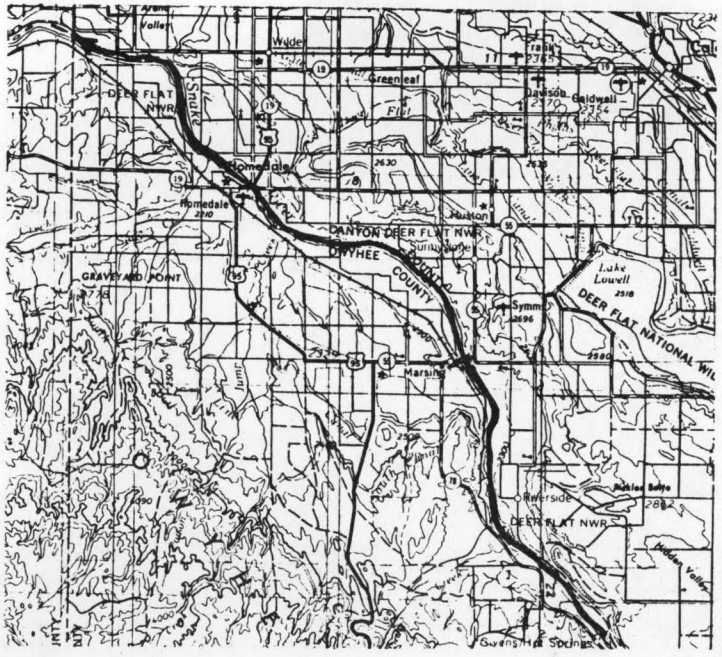
A.	UPSTREAM ELEVATION OF REACH	2230 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2199 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	31 FT.
D.	AVERAGE SLOPE IN REACH	1.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	51709 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	6522	17.13	149.51	1.00
80	7519	19.75	169.58	0.98
50	8937	23.48	190.79	0.93
30	10788	28.34	207.83	0.84
10	15138	39.77	227.86	0.65

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400C0000R0021

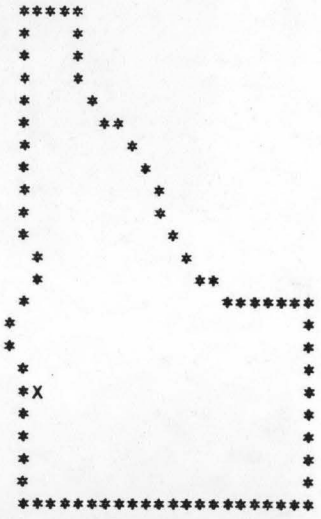
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CANYON, OWYHEE, ADA
C.	TOWNSHIP, RANGE	T 1S R 2W
D.	LATITUDE, LONGITUDE	43 20 116 36
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	432.1 TO 456.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BOISE



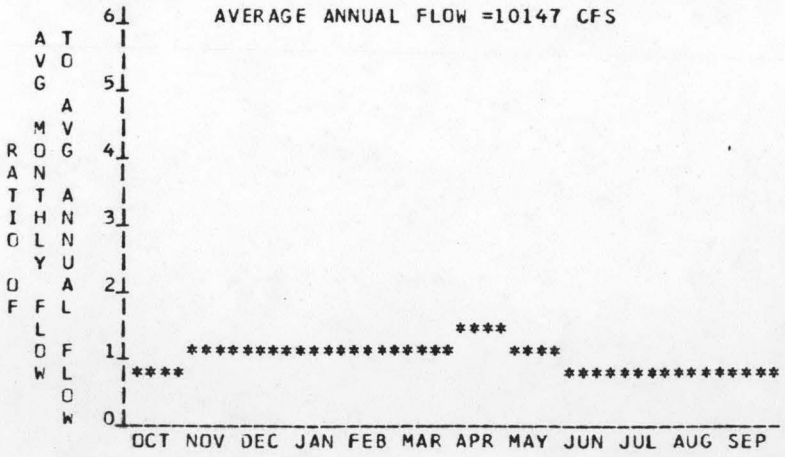
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

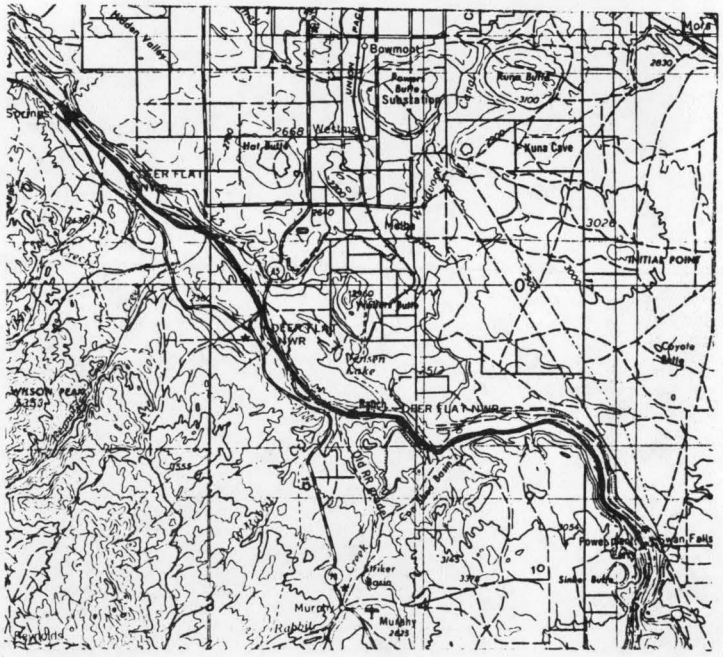
A.	UPSTREAM ELEVATION OF REACH	2283 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2230 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	53 FT.
D.	AVERAGE SLOPE IN REACH	2.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	46579 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	6522	29.29	255.61	1.00
80	7519	33.77	289.93	0.98
50	8937	40.14	326.20	0.93
30	10788	48.45	355.33	0.84
10	15138	67.99	389.56	0.65

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCC00CP0022

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	ADA, OWYHEE, ELMORE
C.	TOWNSHIP, RANGE	T 3S R 1E
D.	LATITUDE, LONGITUDE	43 9 116 20
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	456.0 TO 473.0

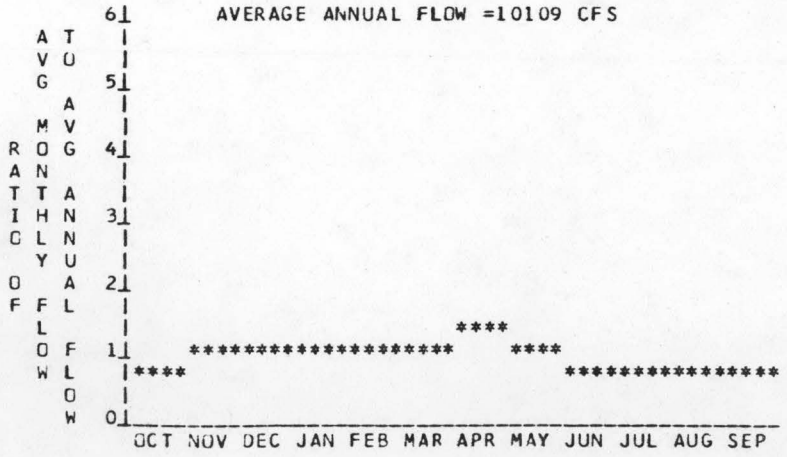
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2327 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2307 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	1.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	41900 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	6642	11.26	98.19	1.00
80	7519	12.74	109.59	0.98
50	8868	15.03	122.61	0.93
30	10598	17.96	132.88	0.84
10	15041	25.49	146.07	0.65

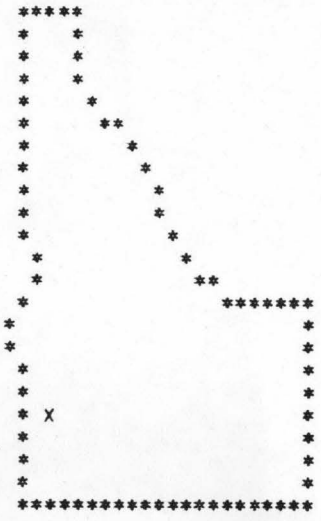
IV TYPICAL ANNUAL HYDROGRAPH

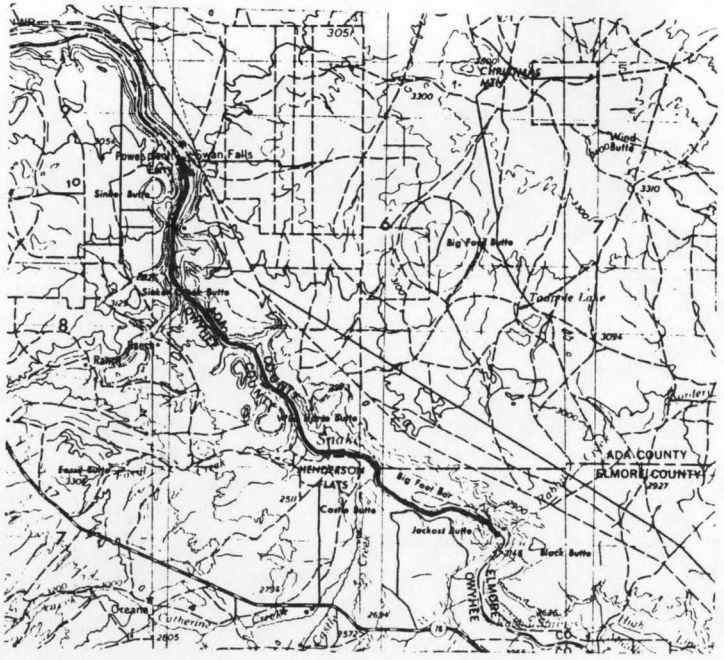


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
BOISE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCC0000R0023

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	ELMORE, OWYHEE
C.	TOWNSHIP, RANGE	T 5S R 2E
D.	LATITUDE, LONGITUDE	43 0 116 5
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	473.0 TO 492.0

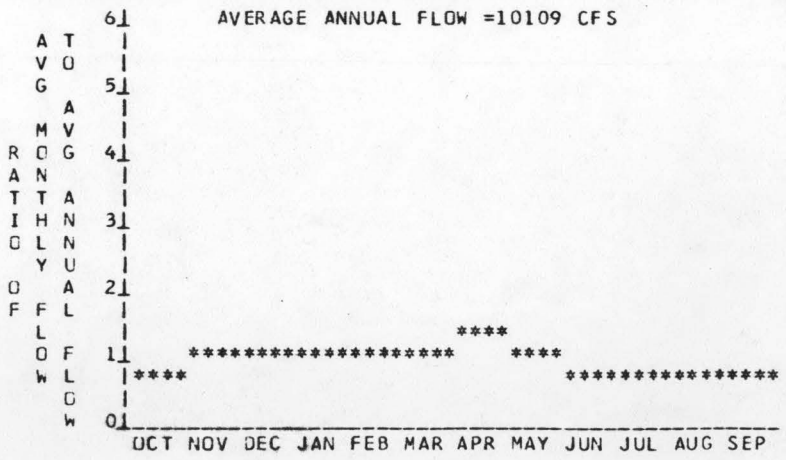
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2350 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2327 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	23 FT.
D.	AVERAGE SLOPE IN REACH	1.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	40945 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	6642	12.95	112.92	1.00
80	7519	14.66	126.02	0.98
50	8868	17.29	141.00	0.93
30	10598	20.66	152.81	0.84
10	15041	29.32	167.98	0.65

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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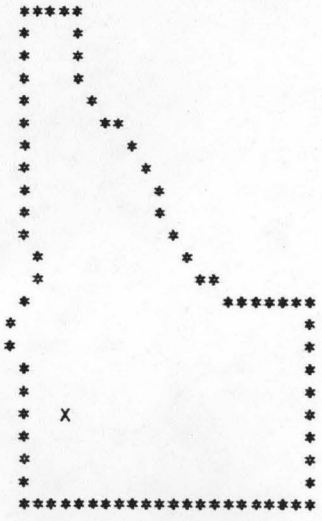
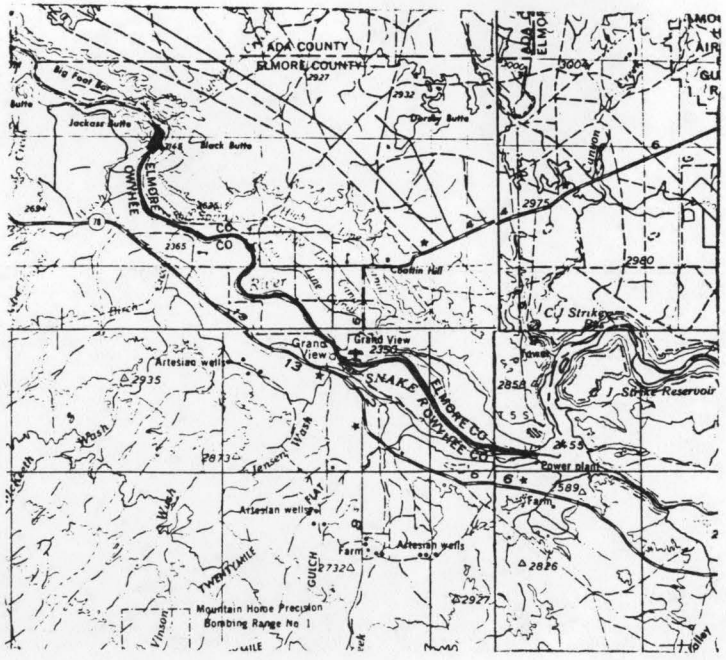
SCALE

MAP NAME
BOISE





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C00C000R0024

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	ELMORE, OWYHEE
C.	TOWNSHIP, RANGE	T 6S R 8E
D.	LATITUDE, LONGITUDE	42 56 115 30
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	514.9 TO 536.9

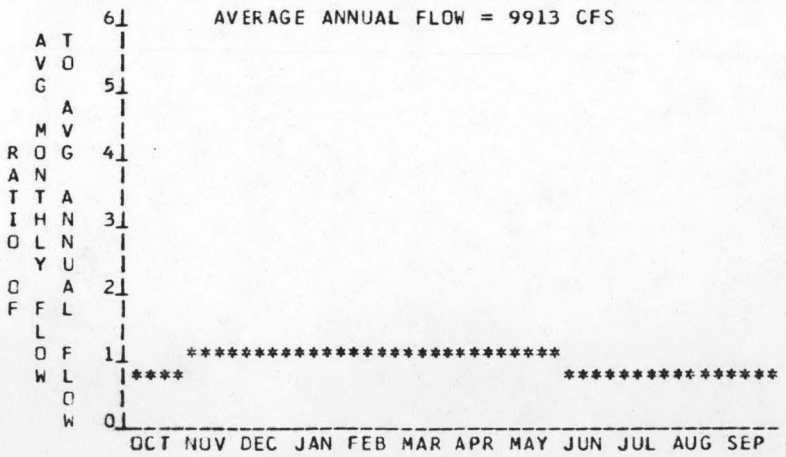
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2487 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2455 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	32 FT.
D.	AVERAGE SLOPE IN REACH	1.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	38590 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	7012	19.02	166.27	1.00
80	7583	20.56	178.14	0.99
50	8734	23.69	195.91	0.94
30	9983	27.07	207.78	0.88
10	14581	39.54	229.63	0.66

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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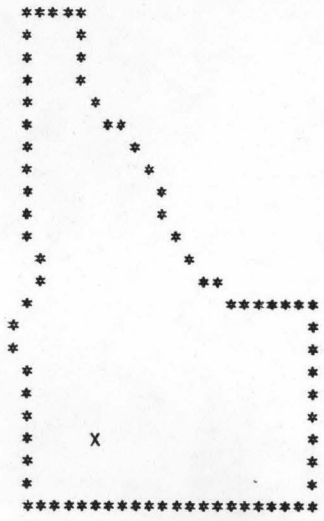
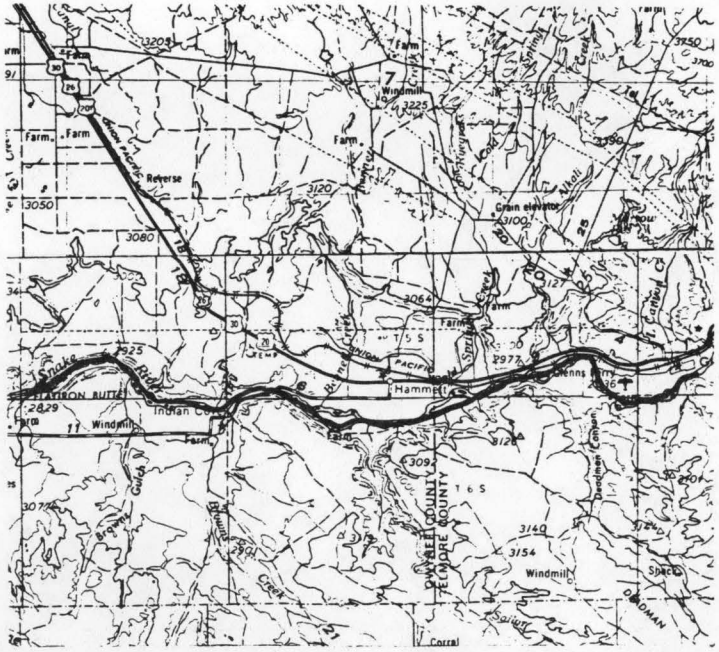
SCALE

MAP NAME
TWIN FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350C24CCCCCCCR0025

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	ELMORE
C.	TOWNSHIP, RANGE	T 5S R11E
D.	LATITUDE, LONGITUDE	42 58 115 11
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	536.9 TO 560.0

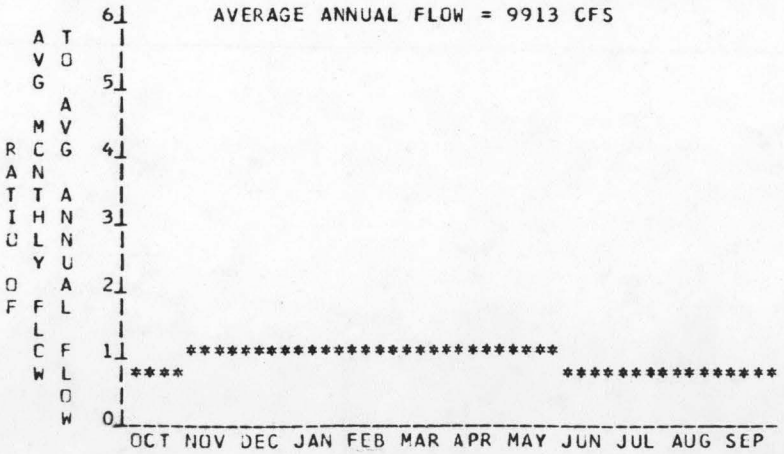
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2584 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2487 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	97 FT.
D.	AVERAGE SLOPE IN REACH	4.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	37083 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	7012	57.64	504.01	1.00
80	7583	62.33	539.99	0.99
50	8734	71.80	593.87	0.94
30	9983	82.06	629.84	0.88
10	14581	119.86	696.06	0.66

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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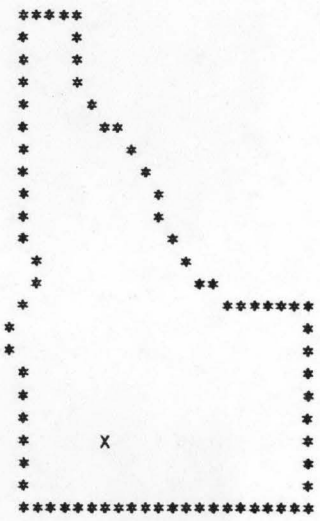
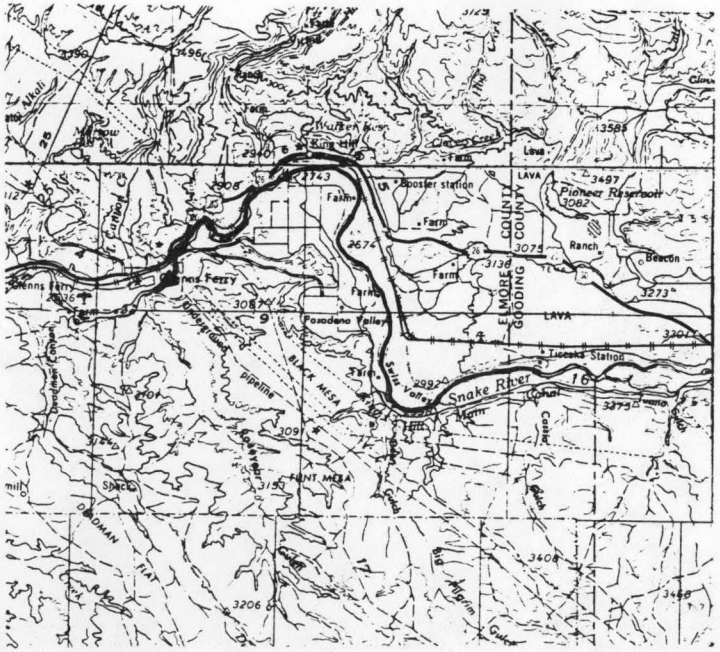
SCALE

MAP NAME
TWIN FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400C000CR0C26

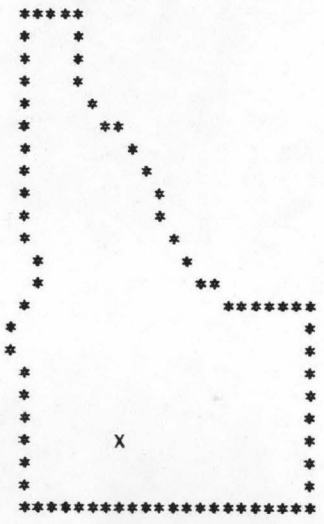
I LOCATION

A. STATE	IDAHO	
B. COUNTY	GOODING, OWYHEE, TWIN FALLS	
C. TOWNSHIP, RANGE	T 6S R13E	
D. LATITUDE, LONGITUDE	42 53 114 57	
E. STREAM NAME	SNAKE RIVER	
F. MAJOR BASIN NAME	SNAKE RIVER	
G. RIVER MILE	560.0 TO 571.2	

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



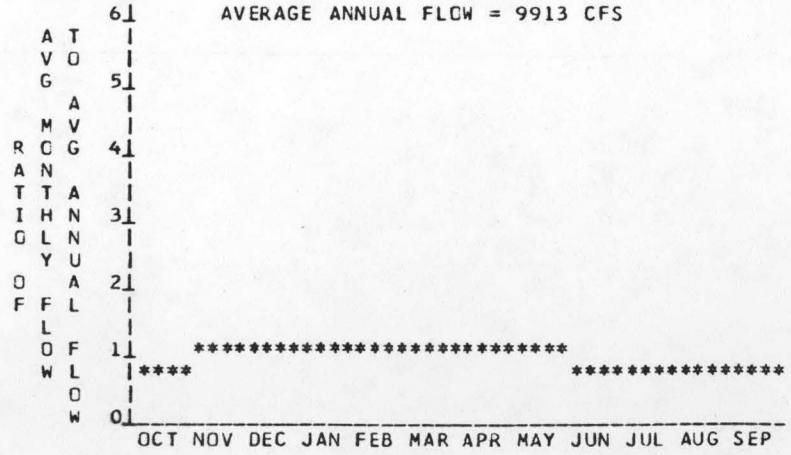
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

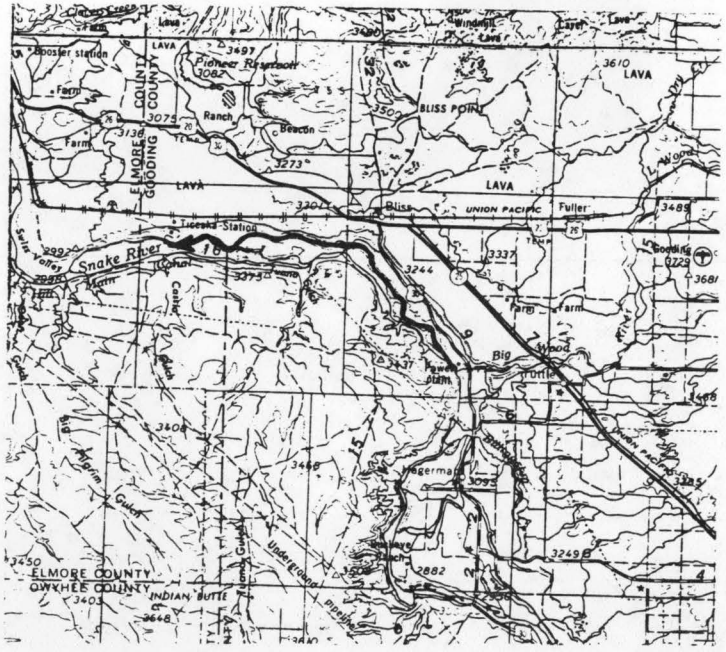
A. UPSTREAM ELEVATION OF REACH	2725 FT. MSL
B. DOWNSTREAM ELEVATION OF REACH	2654 FT. MSL
C. TOTAL AVAILABLE HEAD IN REACH	71 FT.
D. AVERAGE SLOPE IN REACH	6.3 FT./MI.
E. DRAINAGE AREA ABOVE REACH MOUTH	35500 SQ.MI.
F. INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	7012	42.19	368.92	1.00
80	7583	45.63	395.25	0.99
50	8734	52.55	434.69	0.94
30	9983	60.07	461.02	0.88
10	14581	87.73	509.49	0.66

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCOOOORDO27

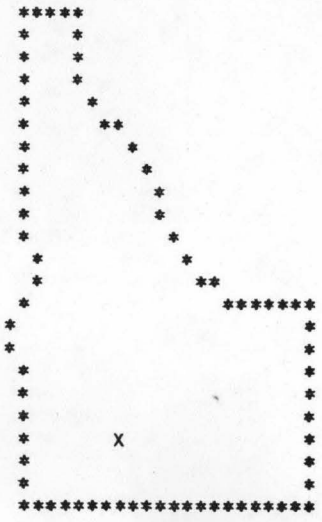
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	TWIN FALLS, GOODING
C.	TOWNSHIP, RANGE	T 6S R13E
D.	LATITUDE, LONGITUDE	42 51 114 54
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	571.2 TO 572.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



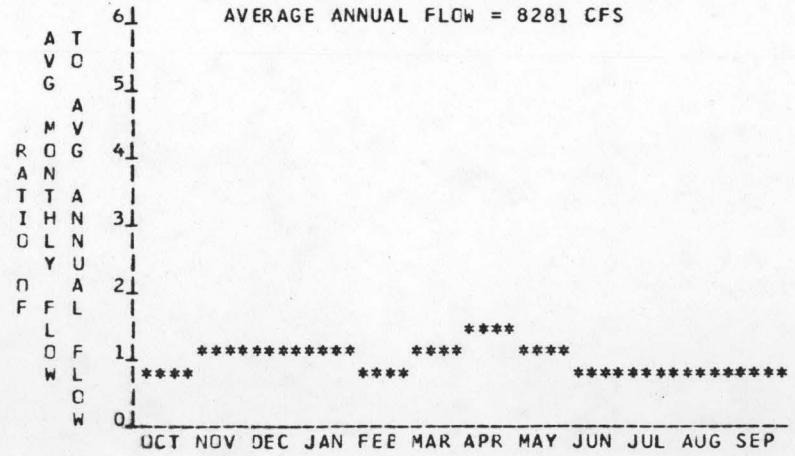
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

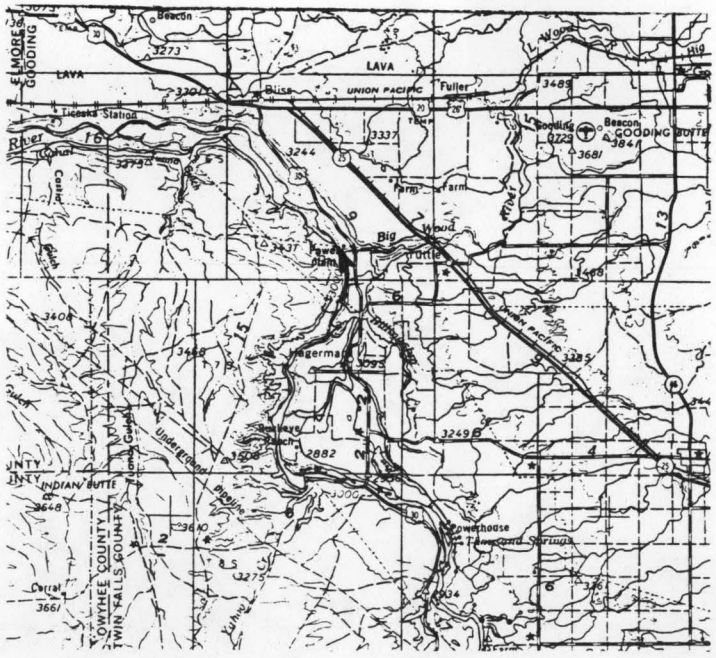
A.	UPSTREAM ELEVATION OF REACH	2745 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2725 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	11.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	32280 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	5714	9.68	84.76	1.00
80	6224	10.55	91.38	0.99
50	7134	12.09	100.17	0.95
30	8274	14.02	106.94	0.87
10	13144	22.28	121.40	0.62

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCC00CR0028

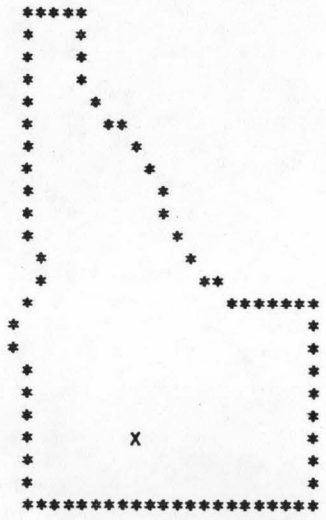
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	GOODING, TWIN FALLS
C.	TOWNSHIP, RANGE	T 9S R14E
D.	LATITUDE, LONGITUDE	42 40 114 45
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	582.5 TO 596.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
TWIN FALLS



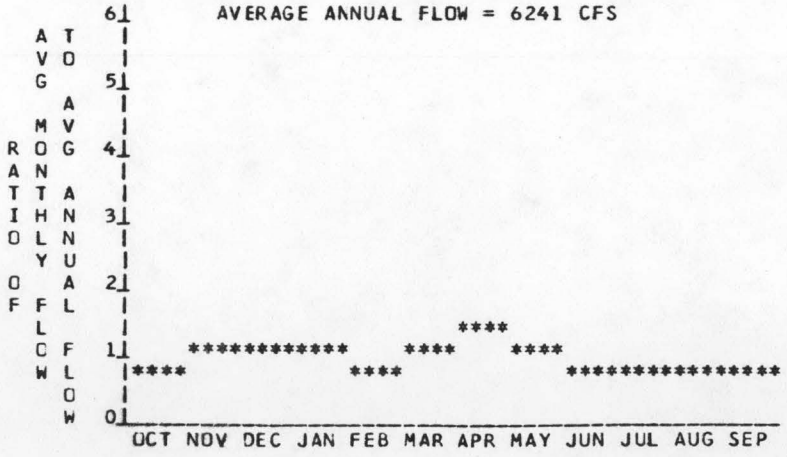
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

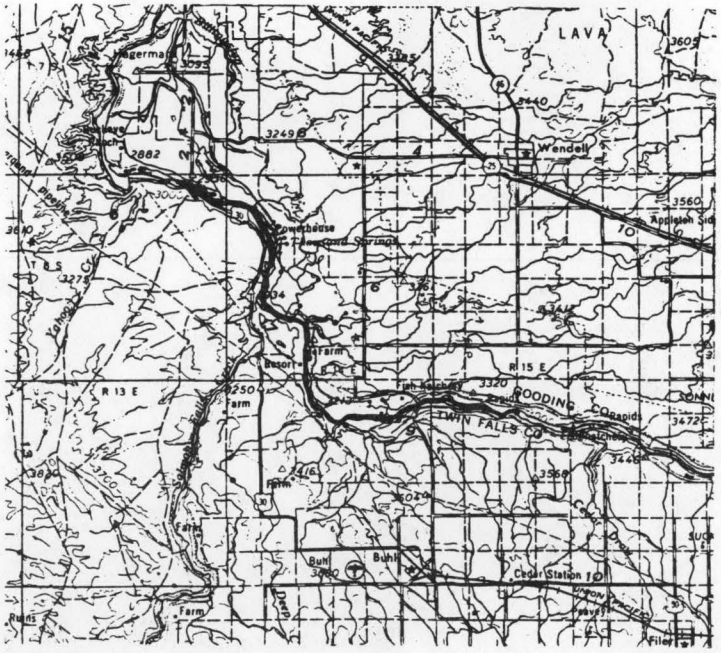
A.	UPSTREAM ELEVATION OF REACH	2955 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2878 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	77 FT.
D.	AVERAGE SLOPE IN REACH	5.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	32200 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3876	25.29	221.24	1.00
80	4256	27.77	240.25	0.99
50	4962	32.38	266.48	0.94
30	6185	40.36	294.44	0.83
10	10771	70.29	346.87	0.56

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240CC0000R0030

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	GOODING, JEROME, TWIN FALLS
C.	TOWNSHIP, RANGE	T 9S R16E
D.	LATITUDE, LONGITUDE	42 37 114 35
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	596.6 TO 618.0

LOCATION MAPS

U.S. TOPO SERIES
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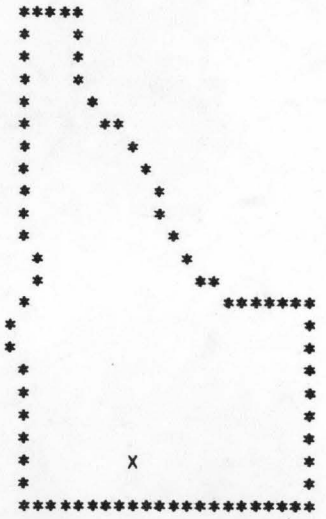
SCALE

MAP NAME
TWIN FALLS



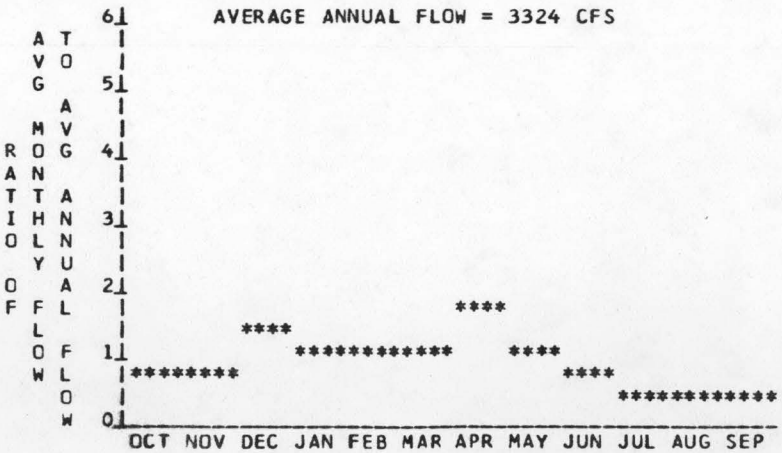
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

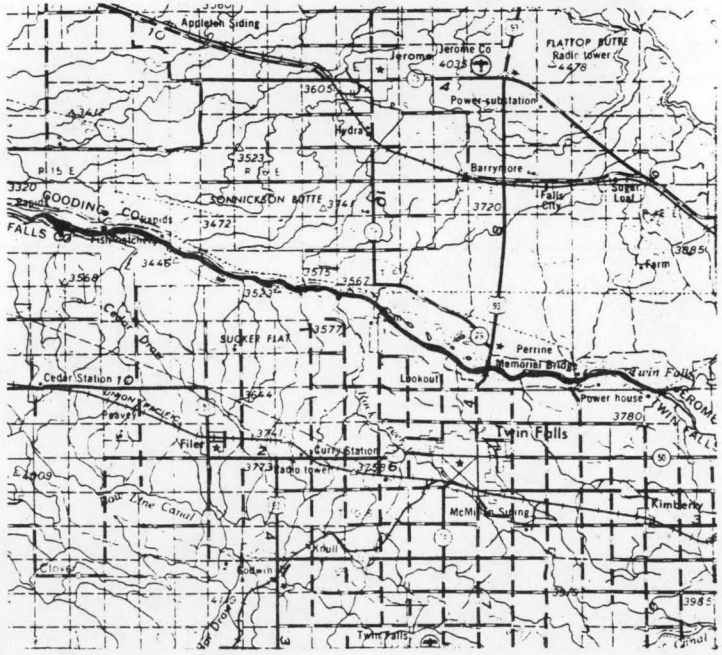
A.	UPSTREAM ELEVATION OF REACH	3370 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2955 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	415 FT.
D.	AVERAGE SLOPE IN REACH	19.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	25936 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1192	41.92	365.76	1.00
80	1419	49.91	426.95	0.98
50	1778	62.53	498.84	0.91
30	3317	116.66	688.50	0.67
10	7517	264.37	947.29	0.41

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400C000CR0032

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	TWIN FALLS, JEROME
C.	TOWNSHIP, RANGE	T10S R19E
D.	LATITUDE, LONGITUDE	42 31 114 14
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	618.0 TO 640.0

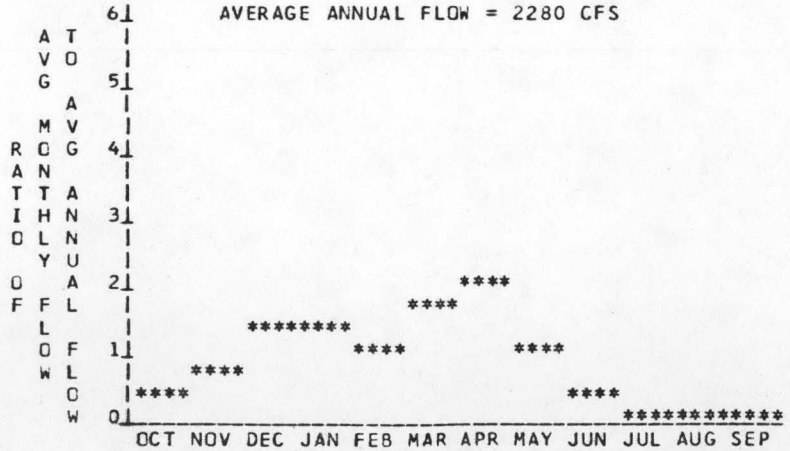
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4080 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3519 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	561 FT.
D.	AVERAGE SLOPE IN REACH	25.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	19000 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	182	8.65	74.98	0.99
80	357	16.97	138.75	0.93
50	583	27.72	199.93	0.82
30	2369	112.63	497.45	0.50
10	6509	309.45	842.29	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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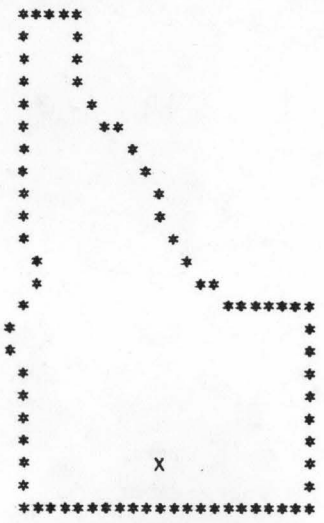
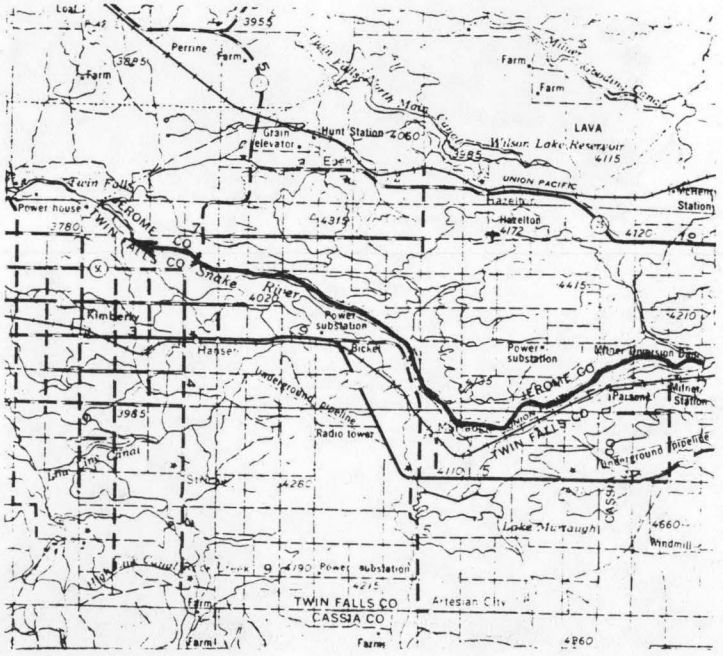
SCALE

MAP NAME
TWIN FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCC0000R0034

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	POWER
C.	TOWNSHIP, RANGE	T 8S R30E
D.	LATITUDE, LONGITUDE	42 44 112 55
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	706.5 TO 714.0

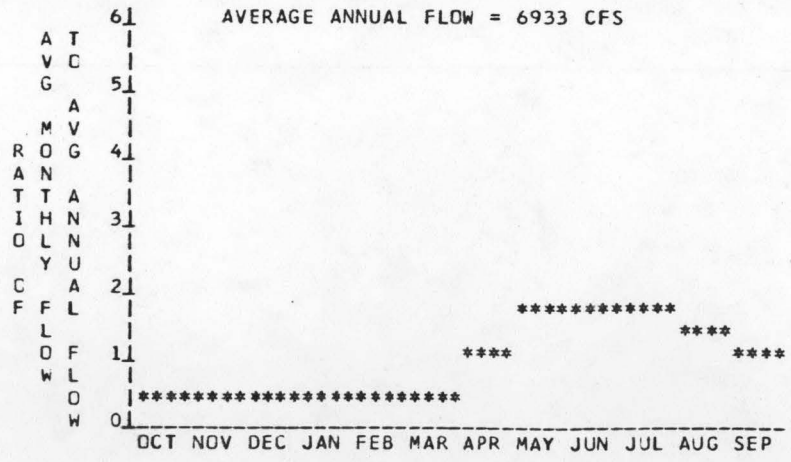
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4250 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4195 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	55 FT.
D.	AVERAGE SLOPE IN REACH	7.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	13680 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	459	2.14	18.48	0.99
80	1697	7.91	62.71	0.90
50	6435	29.99	188.45	0.72
30	10218	47.63	250.24	0.60
10	13839	64.50	279.81	0.50

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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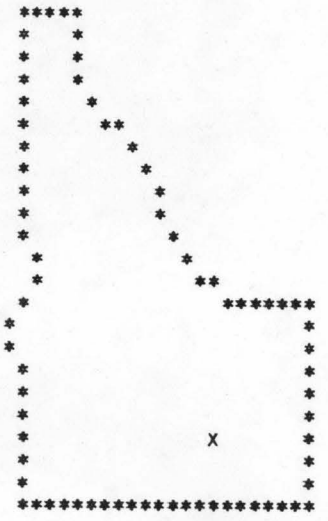
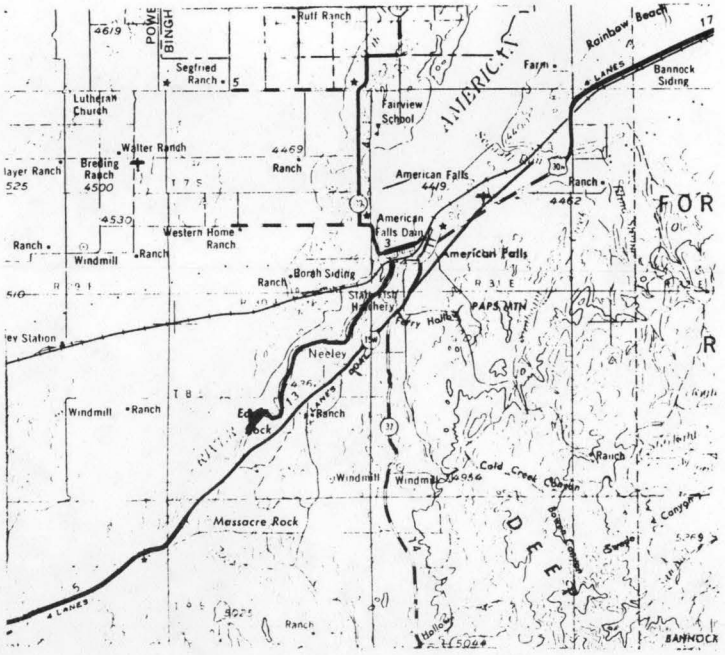
MAP NAME
POCATELLO





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCCCCR0038

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BINGHAM
C.	TOWNSHIP, RANGE	T 4S R33E
D.	LATITUDE, LONGITUDE	43 4 112 34
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	735.2 TO 751.2

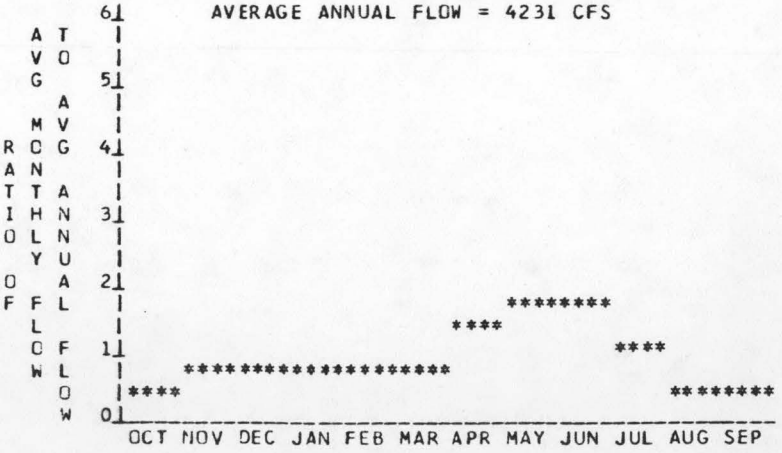
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4409 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4354 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	55 FT.
D.	AVERAGE SLOPE IN REACH	3.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	11750 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	1368	6.38	54.97	0.98
80	2050	9.56	79.34	0.95
50	2992	13.95	104.34	0.85
30	4524	21.09	129.36	0.70
10	8923	41.59	165.28	0.45

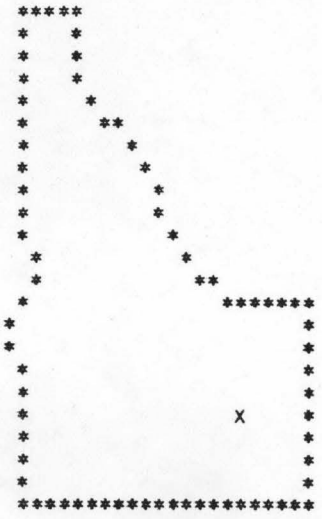
IV TYPICAL ANNUAL HYDROGRAPH

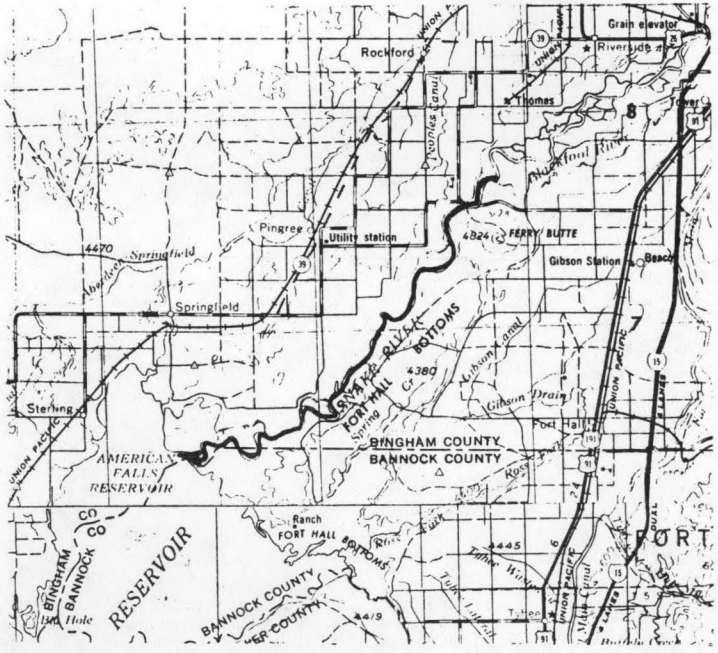


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCOOOOR0040

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BINGHAM
C.	TOWNSHIP, RANGE	T 2S R35E
D.	LATITUDE, LONGITUDE	43 13 112 19
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	751.2 TO 777.5

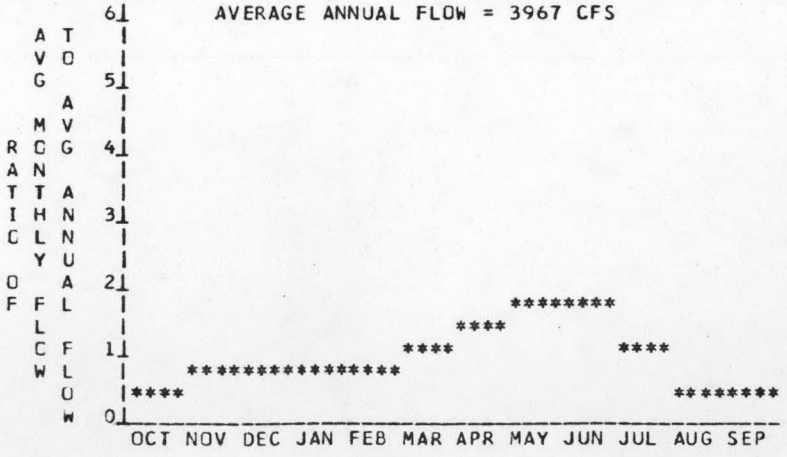
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4545 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4409 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	136 FT.
D.	AVERAGE SLOPE IN REACH	5.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	10015 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	1229	14.16	121.74	0.98
80	1881	21.68	179.34	0.94
50	2790	32.16	238.99	0.85
30	4245	48.93	297.75	0.69
10	8438	97.25	382.42	0.45

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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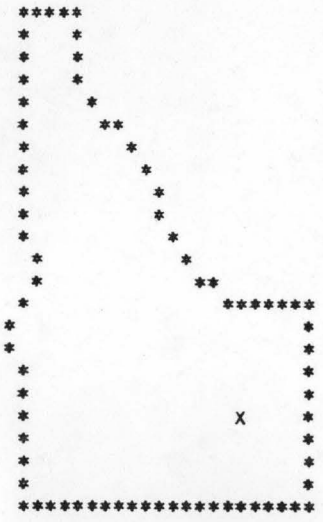
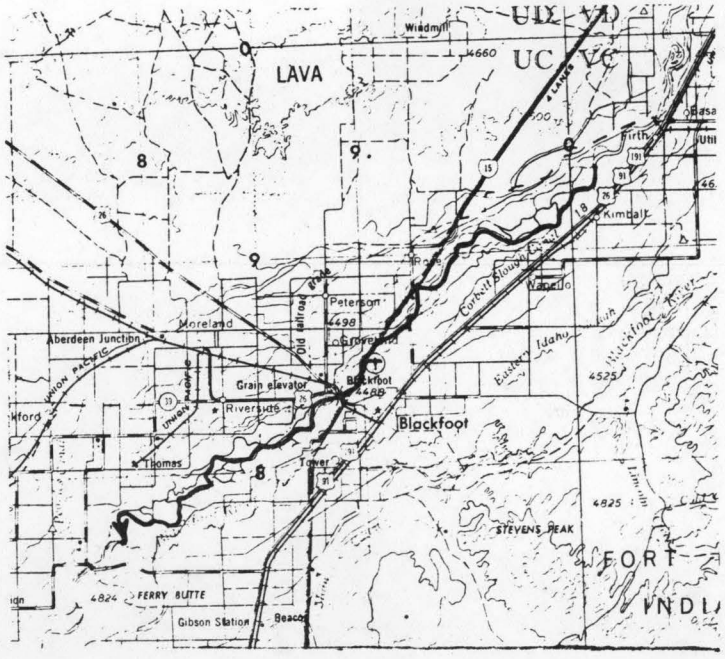
SCALE

MAP NAME
IDAHO FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCOCCCR0042

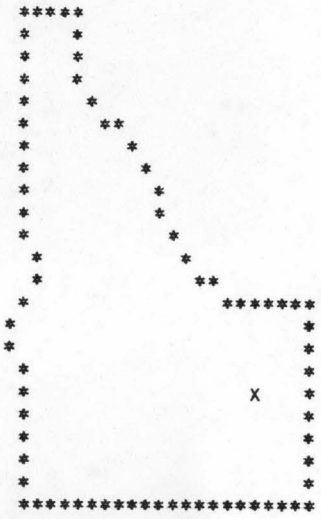
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BINGHAM, BONNEVILLE
C.	TOWNSHIP, RANGE	T 1N R37E
D.	LATITUDE, LONGITUDE	43 23 112 8
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	777.5 TO 796.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



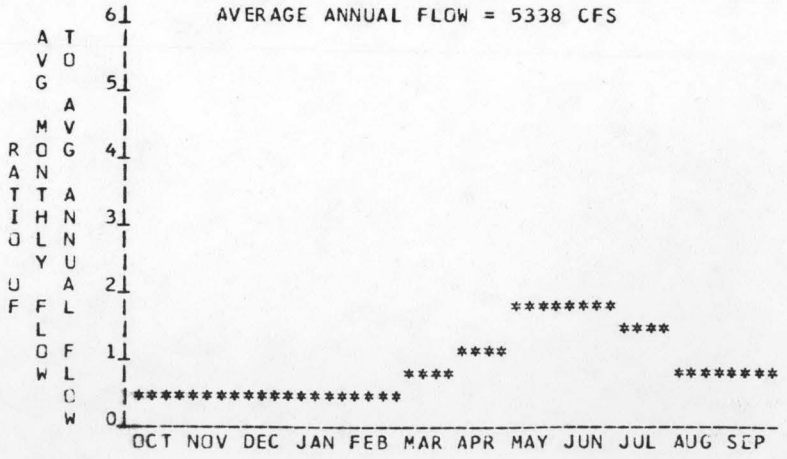
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

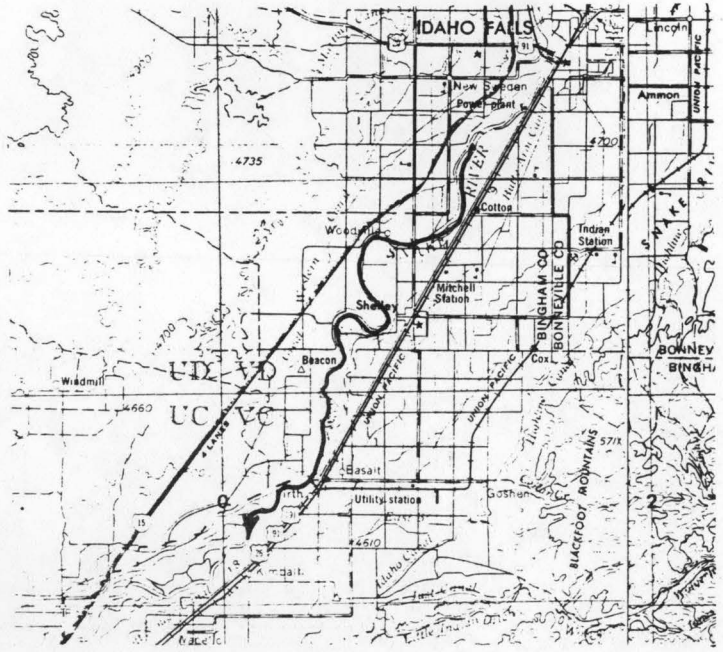
A.	UPSTREAM ELEVATION OF REACH	4645 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4545 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	100 FT.
D.	AVERAGE SLOPE IN REACH	5.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9869 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2064	17.49	150.69	0.98
80	2547	21.58	182.07	0.96
50	4227	35.82	263.14	0.84
30	5458	46.25	299.69	0.74
10	10918	92.53	380.76	0.47

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCC000R0044

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNEVILLE
C.	TOWNSHIP, RANGE	T 2N R37E
D.	LATITUDE, LONGITUDE	43 30 112 3
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	799.9 TO 802.4

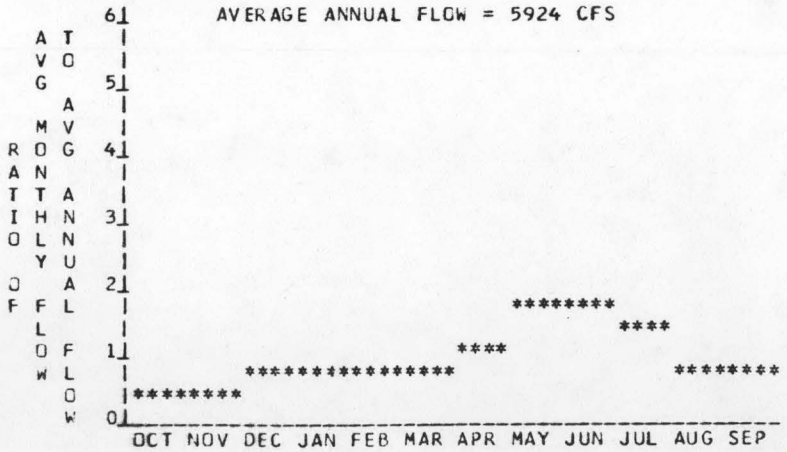
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4705 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4694 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	11 FT.
D.	AVERAGE SLOPE IN REACH	4.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9760 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	2547	2.37	20.48	0.98
80	3207	2.99	25.20	0.96
50	4751	4.43	33.39	0.86
30	6029	5.62	37.57	0.76
10	11592	10.81	46.65	0.49

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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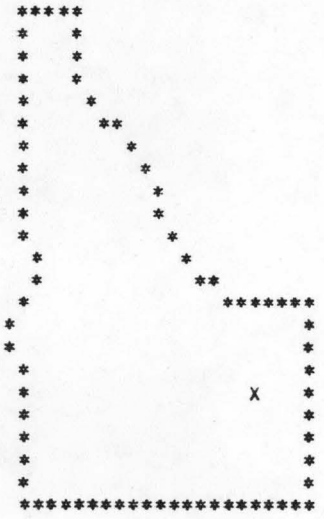
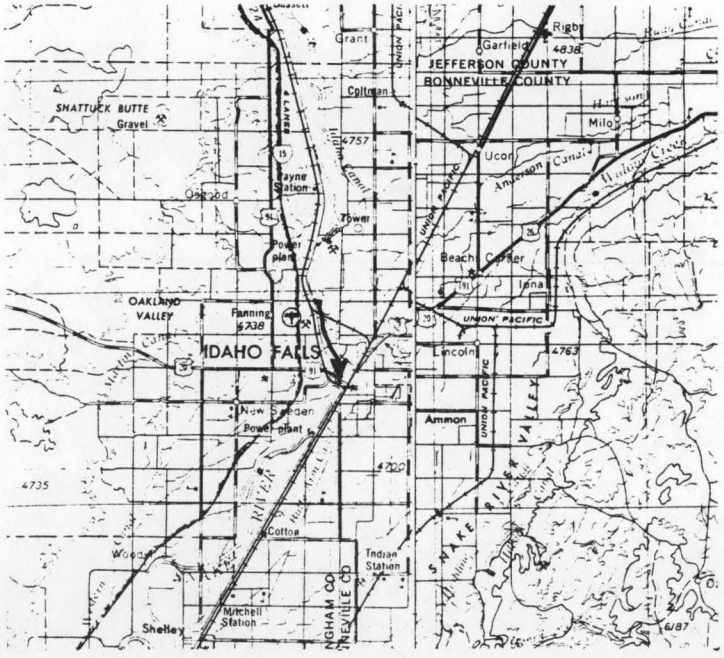
SCALE

MAP NAME
IDAHO FALLS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024C0C0C000R0045

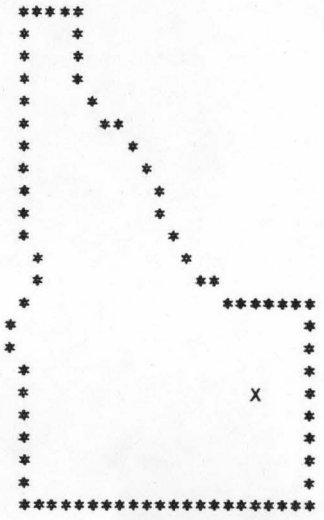
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNEVILLE
C.	TOWNSHIP, RANGE	T 3N R37E
D.	LATITUDE, LONGITUDE	43 34 112 4
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	804.7 TO 811.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



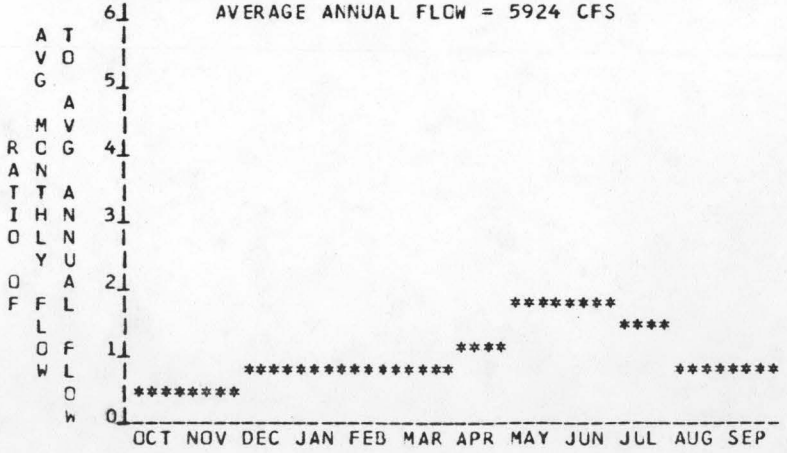
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

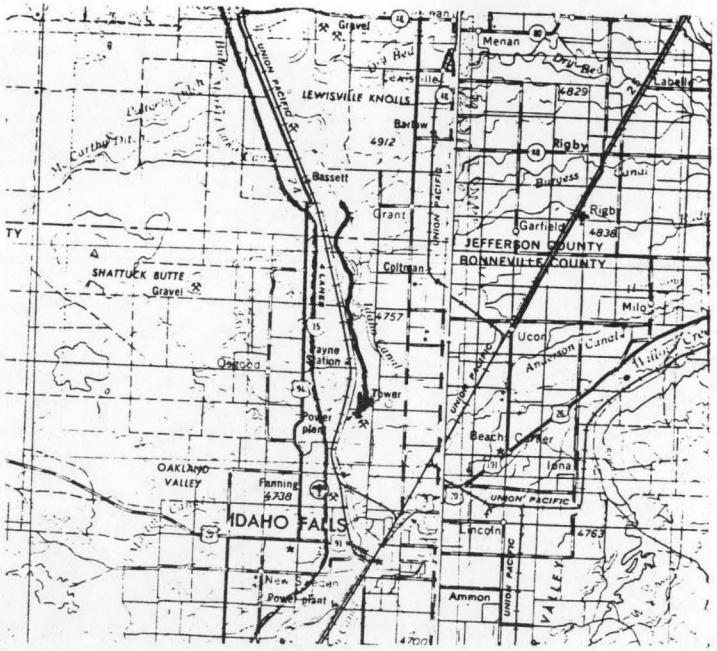
A.	UPSTREAM ELEVATION OF REACH	4755 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4735 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	2.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9636 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2547	4.32	37.24	0.98
80	3207	5.44	45.82	0.96
50	4751	8.05	60.72	0.86
30	6029	10.22	68.31	0.76
10	11592	19.65	84.83	0.49

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCCCCR0C46

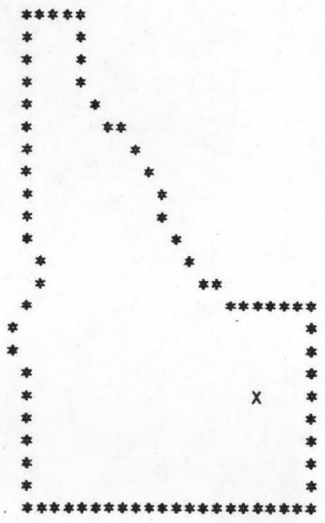
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNEVILLE, JEFFERSON
C.	TOWNSHIP, RANGE	T 4N R37E
D.	LATITUDE, LONGITUDE	43 39 112 6
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	811.8 TO 835.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
IDAHO FALLS



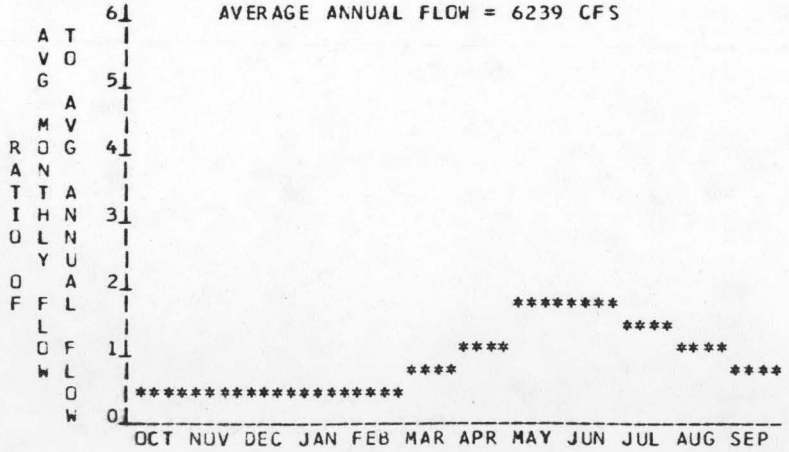
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

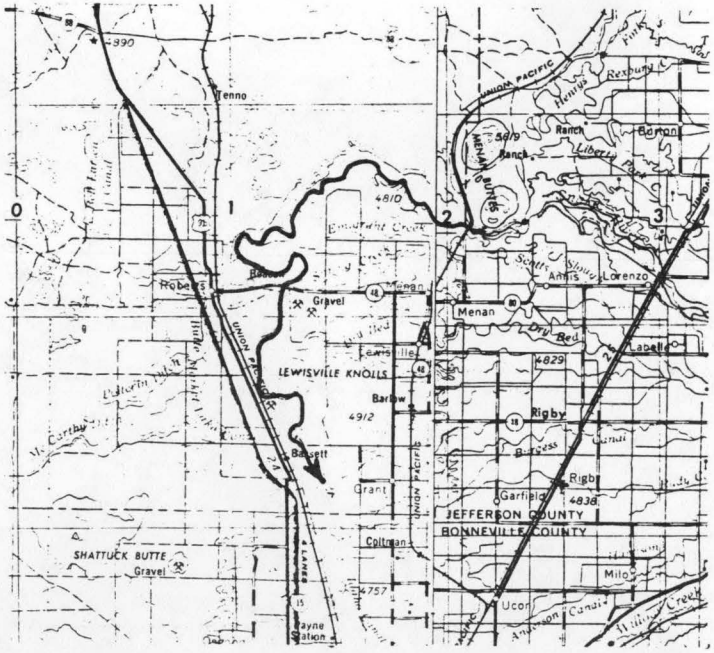
A.	UPSTREAM ELEVATION OF REACH	4792 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	32 FT.
D.	AVERAGE SLOPE IN REACH	1.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9453 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	2566	6.96	60.03	0.98
80	3129	8.49	71.73	0.96
50	4968	13.47	100.13	0.85
30	7048	19.11	119.89	0.72
10	12274	33.29	144.72	0.50

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024000000R0048

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	MADISON, JEFFERSON
C.	TOWNSHIP, RANGE	T 5N R38E
D.	LATITUDE, LONGITUDE	43 45 111 57
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	835.7 TO 837.4

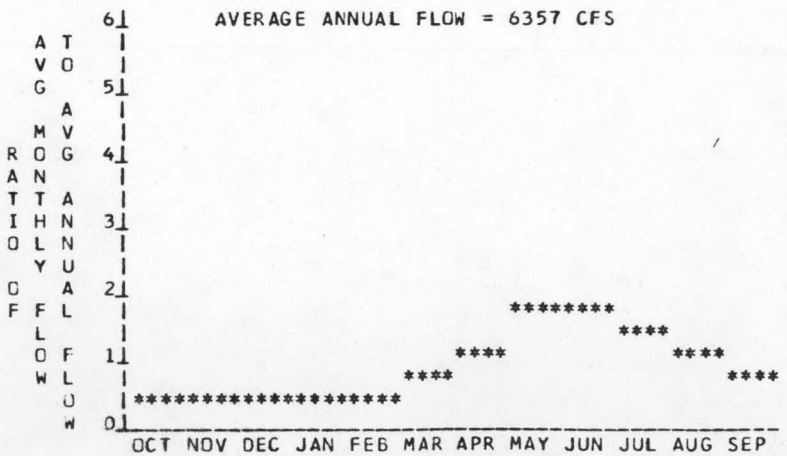
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4805 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4792 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	13 FT.
D.	AVERAGE SLOPE IN REACH	7.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9420 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	2585	2.85	24.61	0.99
80	3133	3.45	29.24	0.97
50	5047	5.56	41.25	0.85
30	7212	7.95	49.61	0.71
10	12577	13.86	59.96	0.49

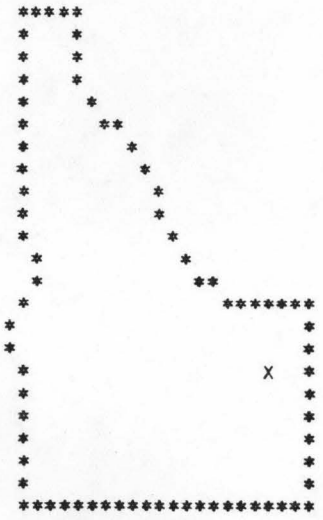
IV TYPICAL ANNUAL HYDROGRAPH

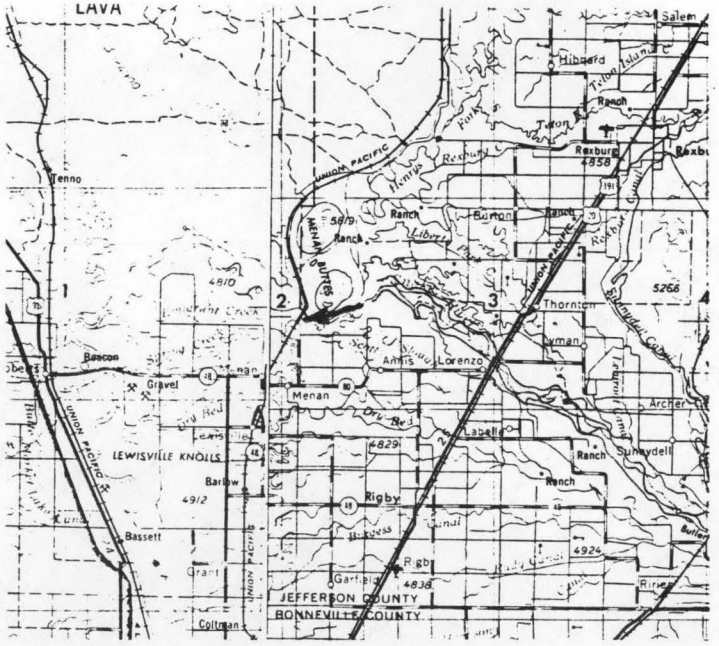


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240CCCCCCRCC50

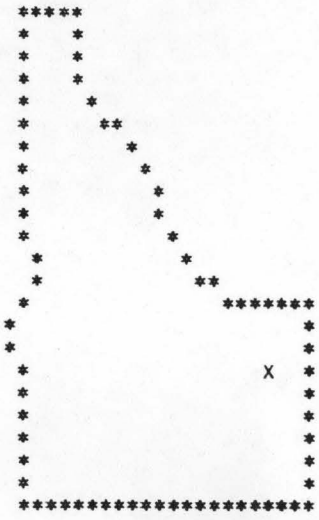
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	MADISON, JEFFERSON
C.	TOWNSHIP, RANGE	T 5N R39E
D.	LATITUDE, LONGITUDE	43 45 111 53
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	837.4 TO 848.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



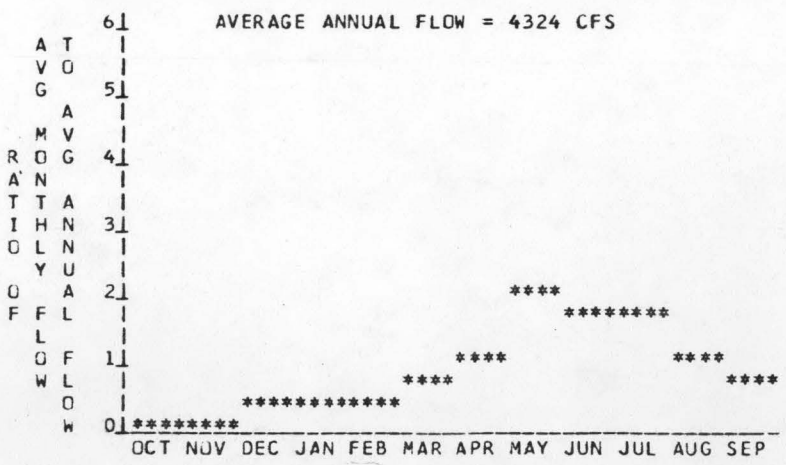
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

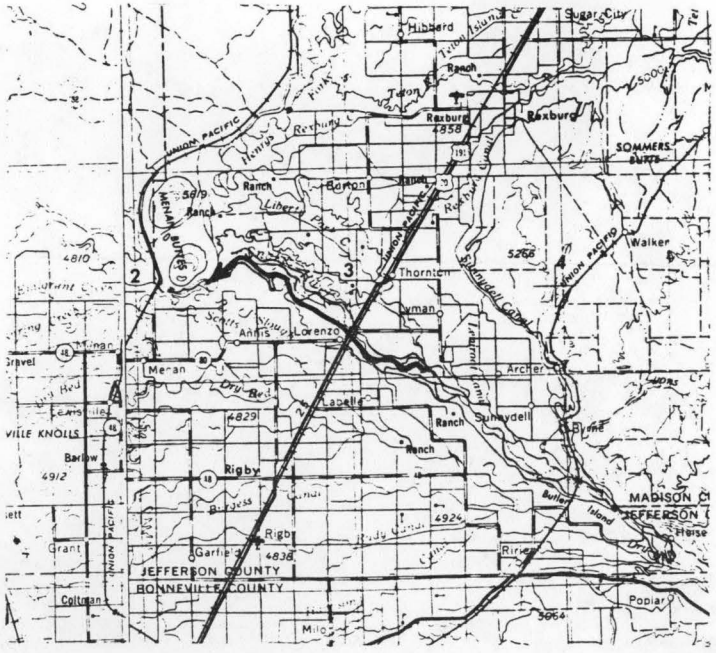
A.	UPSTREAM ELEVATION OF REACH	4885 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4805 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	7.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5810 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	819	5.55	47.72	0.98
80	1559	10.57	86.18	0.93
50	3140	21.29	147.21	0.79
30	5345	36.24	199.59	0.63
10	9598	65.07	250.11	0.44

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240CC000CR0052

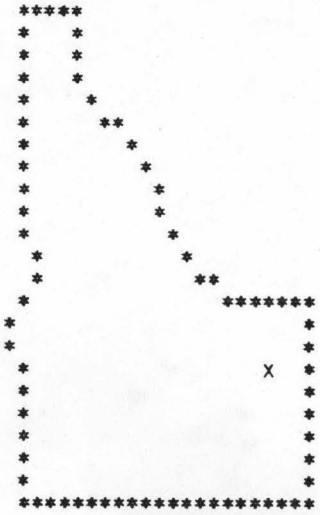
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	MADISON, JEFFERSON
C.	TOWNSHIP, RANGE	T 4N R40E
D.	LATITUDE, LONGITUDE	43 40 111 48
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	848.3 TO 856.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



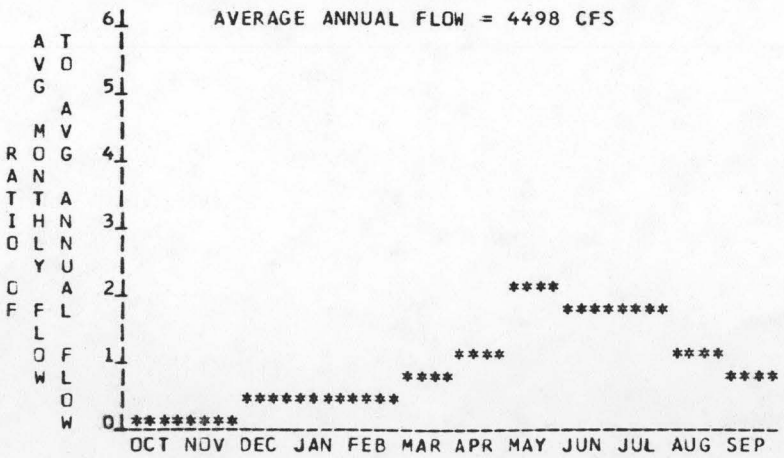
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

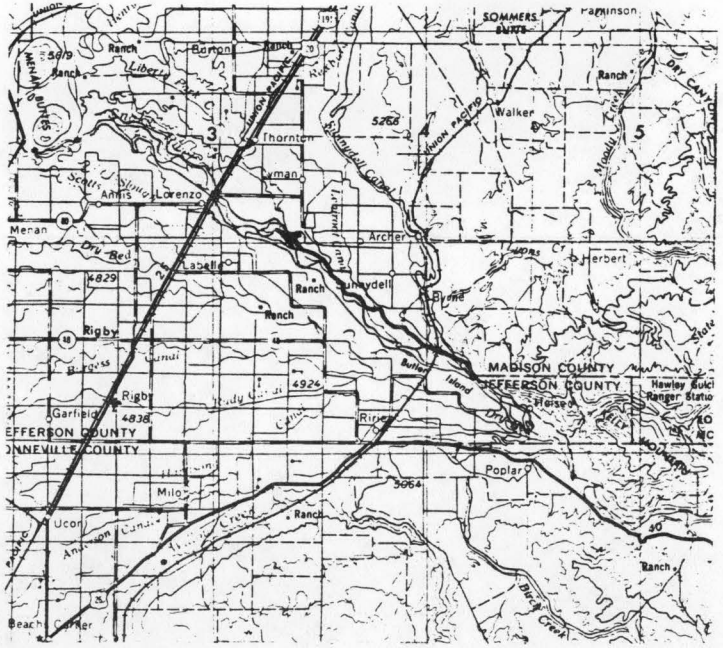
A.	UPSTREAM ELEVATION OF REACH	4975 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4885 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	90 FT.
D.	AVERAGE SLOPE IN REACH	10.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5781 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	909	6.93	59.72	0.98
80	1582	12.07	99.06	0.94
50	3209	24.48	169.72	0.79
30	5675	43.28	235.62	0.62
10	10107	77.09	294.85	0.44

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCCCCCCR0054

I LOCATION

A.	STATE	IDAHO	
B.	COUNTY	MADISON, JEFFERSON, BONNEVILLE	
C.	TOWNSHIP, RANGE	T 3N R40E	
D.	LATITUDE, LONGITUDE	43 38 111 40	
E.	STREAM NAME	SNAKE RIVER	
F.	MAJOR BASIN NAME	SNAKE RIVER	
G.	RIVER MILE	856.9 TO 861.6	

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS

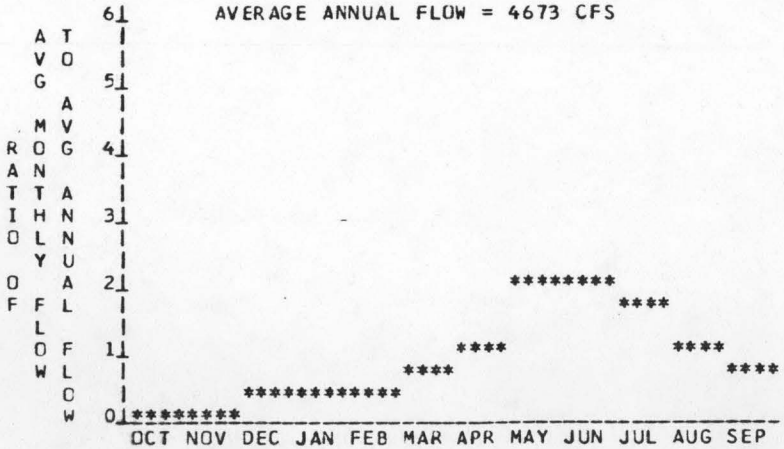
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

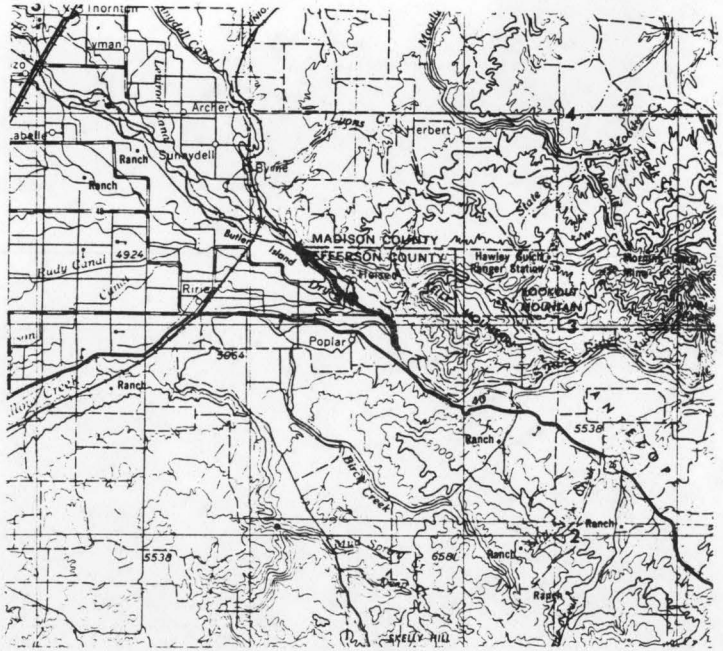
A.	UPSTREAM ELEVATION OF REACH	5019 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4975 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	44 FT.
D.	AVERAGE SLOPE IN REACH	9.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5752 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	998	3.72	32.11	0.99
80	1605	5.98	49.46	0.94
50	3278	12.22	84.98	0.79
30	6005	22.39	120.61	0.61
10	10616	39.59	150.73	0.43

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400C0000CR0056

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNEVILLE
C.	TOWNSHIP, RANGE	T 3N R42E
D.	LATITUDE, LONGITUDE	43 36 111 30
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	861.6 TO 884.3

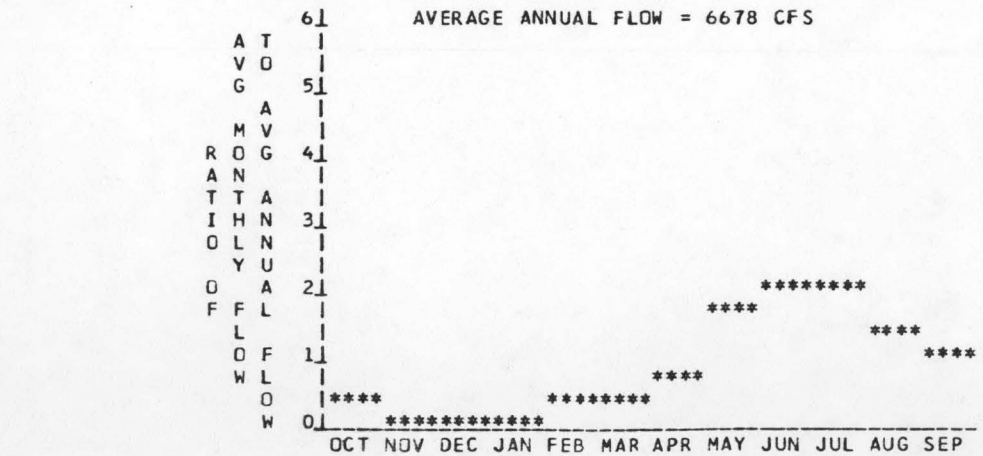
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5210 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5019 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	191 FT.
D.	AVERAGE SLOPE IN REACH	8.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5709 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	1475	23.88	208.17	1.00
80	1872	30.30	257.43	0.97
50	3742	60.57	429.77	0.81
30	9954	161.12	782.10	0.55
10	14968	242.28	924.29	0.44

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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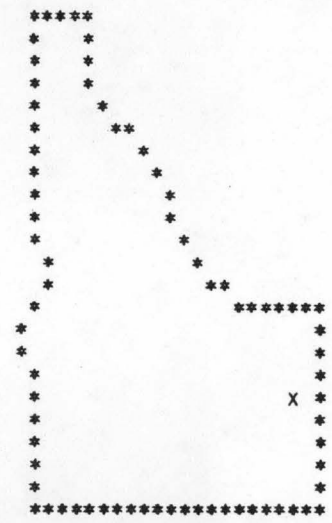
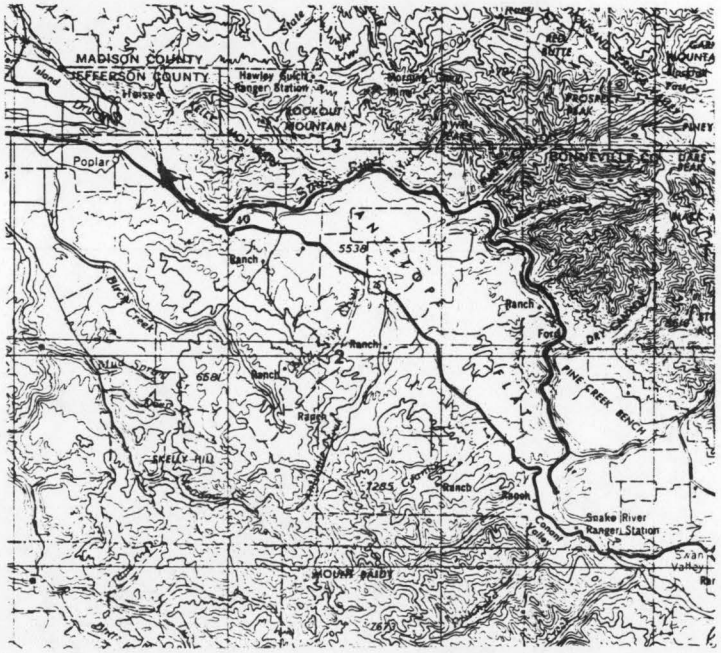
SCALE

MAP NAME
DRIGGS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CCC0000R0058

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	BONNEVILLE
C.	TOWNSHIP, RANGE	T 1N R44E
D.	LATITUDE, LONGITUDE	43 24 111 18
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	884.3 TO 900.3

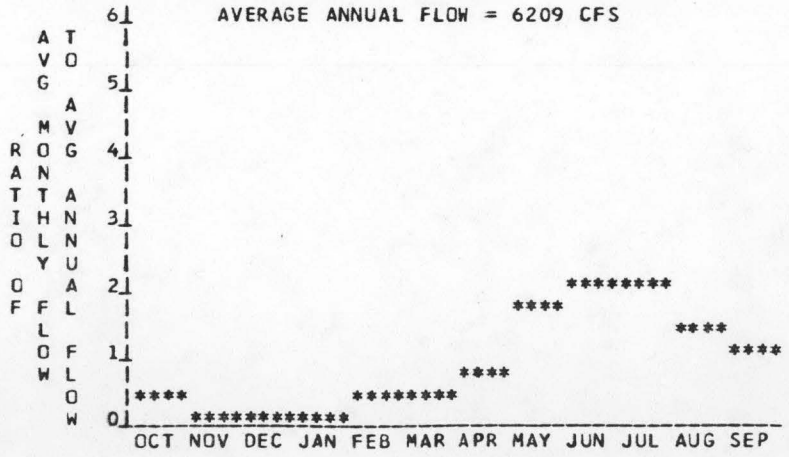
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5380 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5210 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	170 FT.
D.	AVERAGE SLOPE IN REACH	10.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5466 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	1208	17.40	151.48	0.99
80	1606	23.14	195.43	0.96
50	3407	49.08	343.17	0.80
30	9398	135.39	645.61	0.54
10	14279	205.71	768.81	0.43

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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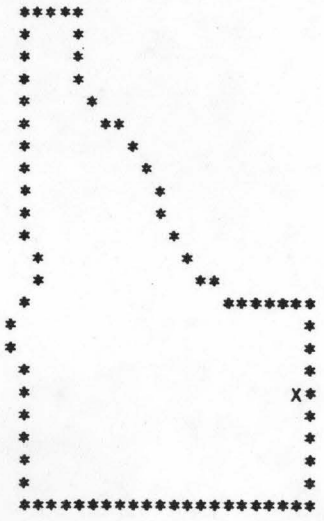
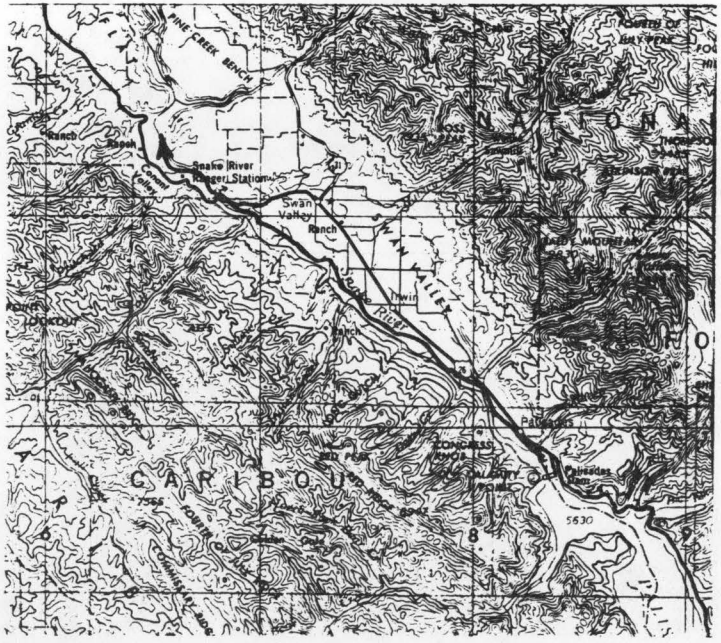
SCALE

MAP NAME
DRIGGS





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002400000OCR0002

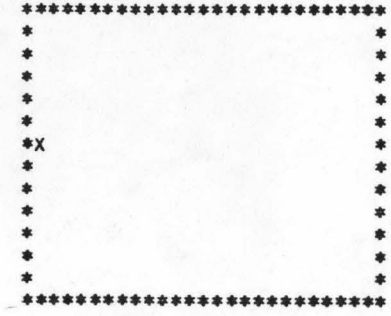
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	LINCOLN
C.	TOWNSHIP, RANGE	T37N R118W
D.	LATITUDE, LONGITUDE	43 11 110 56
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	921.6 TO 928.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



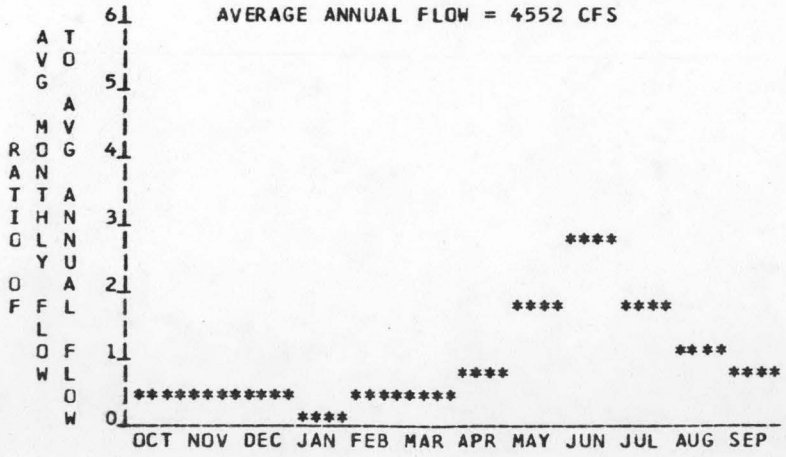
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

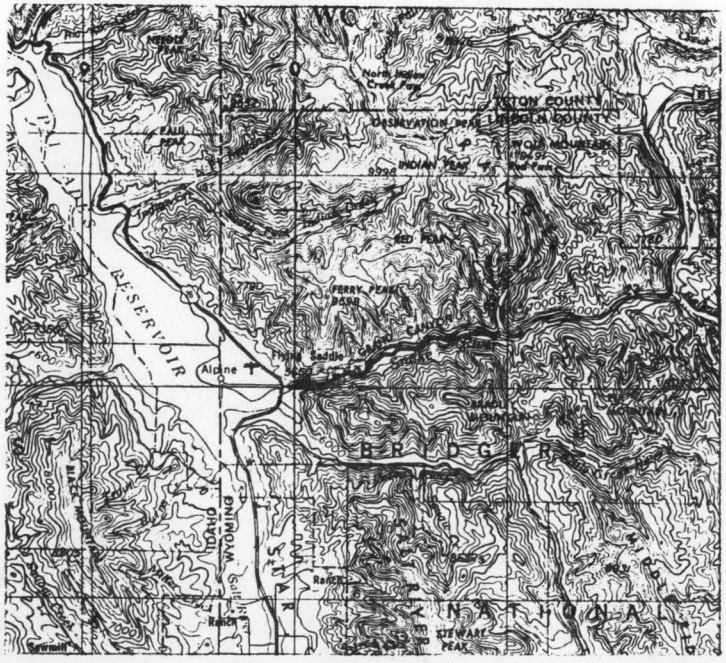
A.	UPSTREAM ELEVATION OF REACH	5689 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5620 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	69 FT.
D.	AVERAGE SLOPE IN REACH	10.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	3459 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1150	6.72	58.72	1.00
80	1500	8.77	74.40	0.97
50	2400	14.03	104.37	0.85
30	5400	31.58	165.84	0.60
10	10500	61.40	218.08	0.41

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240C0000CR0004

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	LINCOLN, TETON
C.	TOWNSHIP, RANGE	T38N R117W
D.	LATITUDE, LONGITUDE	43 15 110 46
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	928.0 TO 943.2

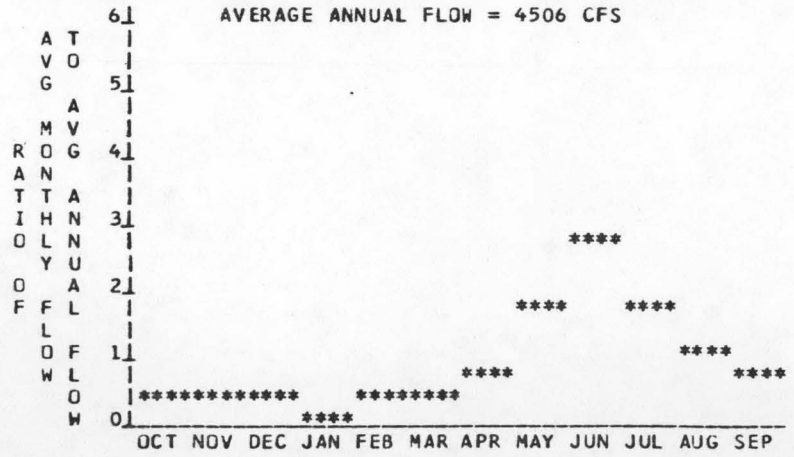
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5689 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	191 FT.
D.	AVERAGE SLOPE IN REACH	12.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	3438 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	1133	18.34	160.13	1.00
80	1481	23.97	203.30	0.97
50	2372	38.39	285.42	0.85
30	5356	86.69	454.67	0.60
10	10400	168.34	597.71	0.41

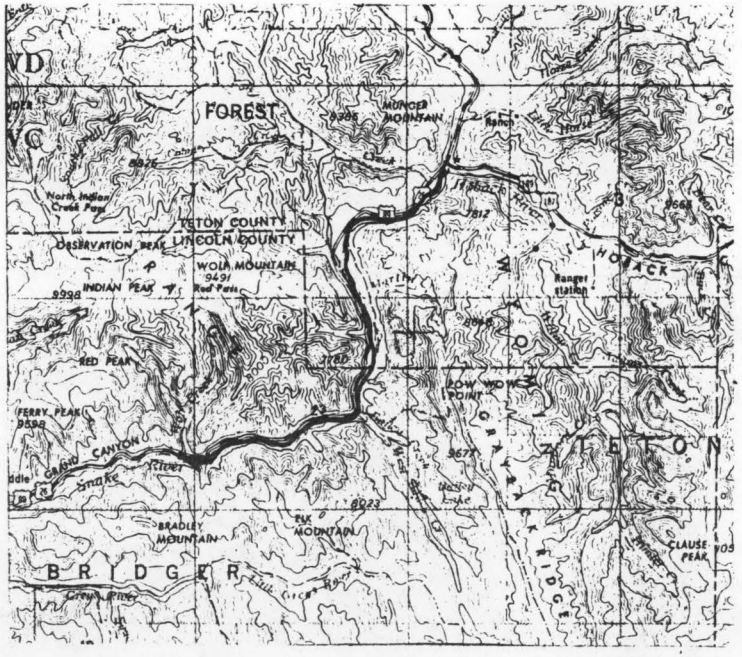
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024000000CR0006

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T39N R116W
D.	LATITUDE, LONGITUDE	43 22 110 44
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	943.2 TO 951.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS

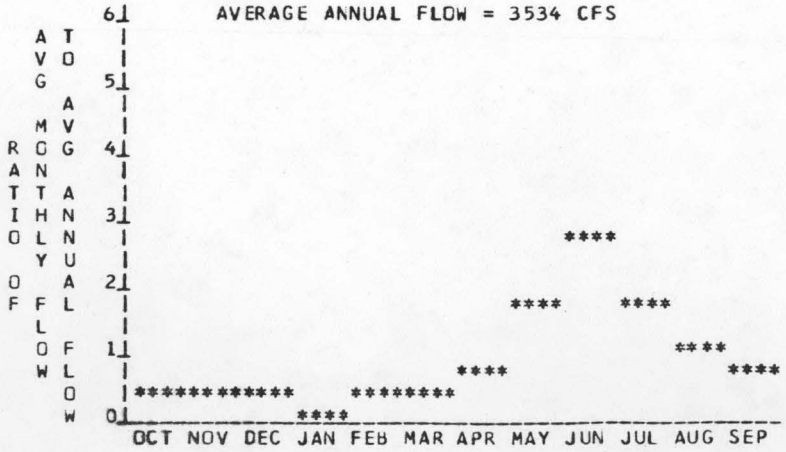
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

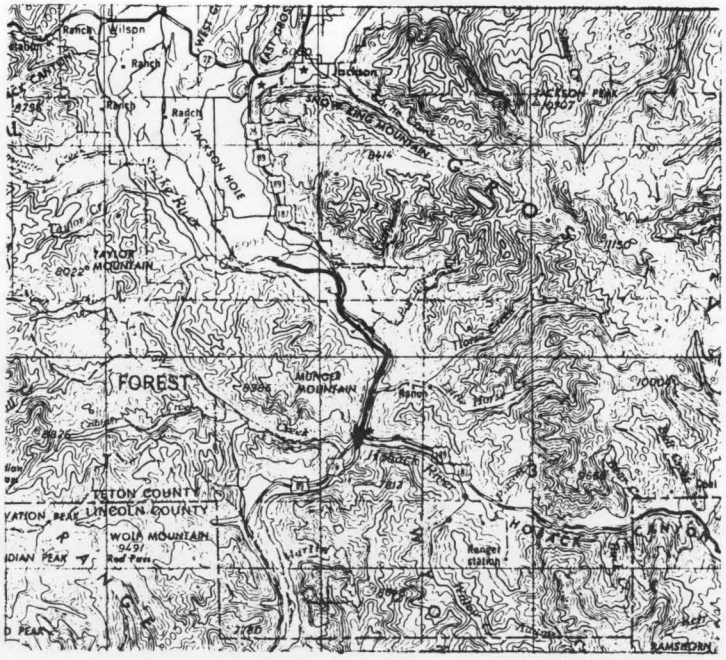
A.	UPSTREAM ELEVATION OF REACH	5940 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	60 FT.
D.	AVERAGE SLOPE IN REACH	7.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2774 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	777	3.95	34.49	1.00
80	1068	5.43	45.84	0.96
50	1778	9.04	66.39	0.84
30	4418	22.46	113.43	0.58
10	8274	42.07	147.78	0.40

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024000000CCR0008

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T40N R117W
D.	LATITUDE, LONGITUDE	43 27 110 52
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	951.3 TO 962.3

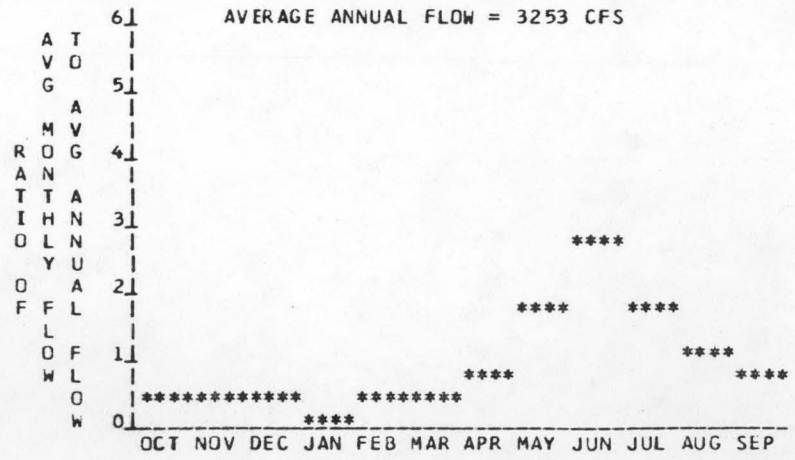
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	6160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	5940 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	220 FT.
D.	AVERAGE SLOPE IN REACH	20.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2509 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	674	12.57	109.71	1.00
80	949	17.69	149.01	0.96
50	1607	29.96	218.86	0.83
30	4148	77.34	384.86	0.57
10	7661	142.83	499.61	0.40

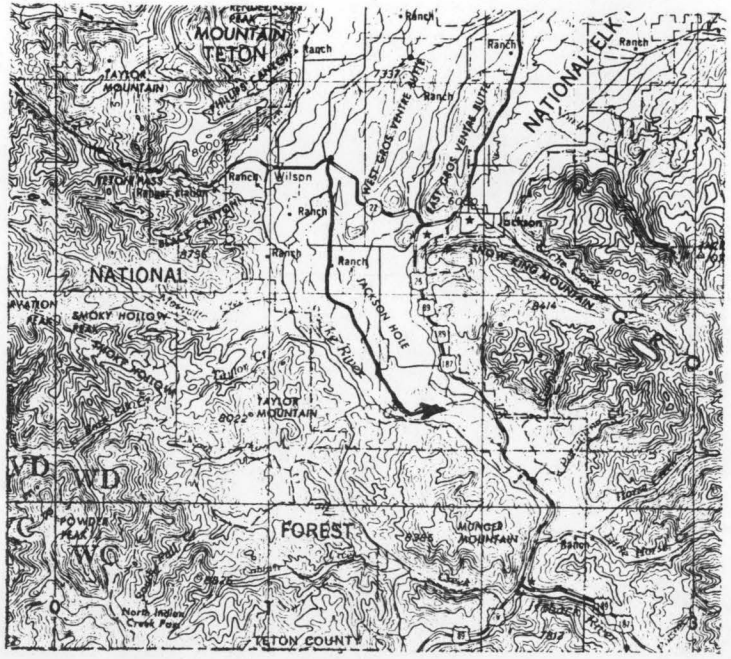
IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002400C0000R0010

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T41N R117W
D.	LATITUDE, LONGITUDE	43 31 110 49
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	962.3 TO 966.3

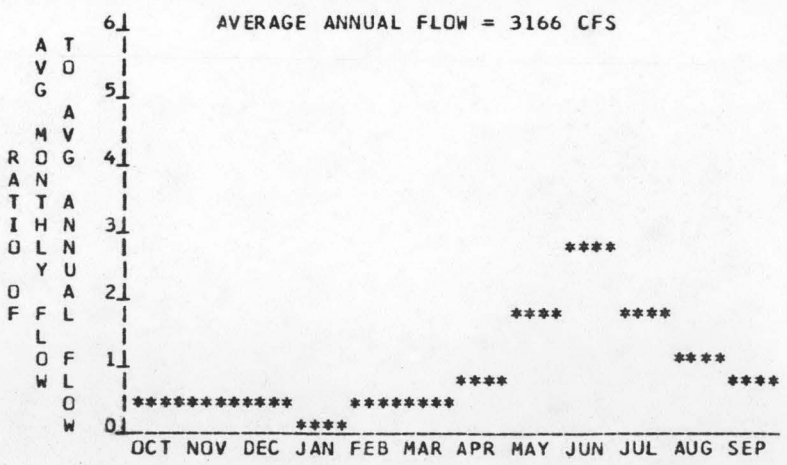
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

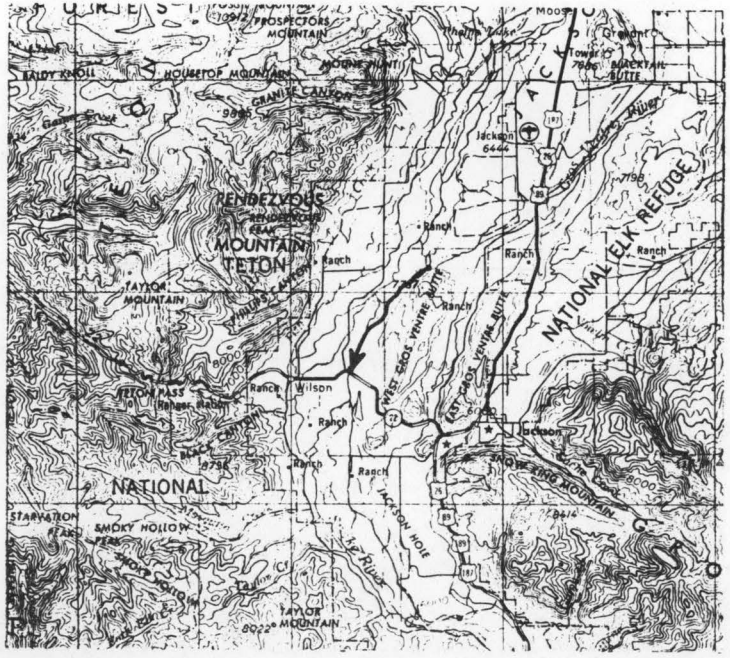
A.	UPSTREAM ELEVATION OF REACH	6240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	20.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2341 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	642	4.35	38.00	1.00
80	907	6.15	51.77	0.96
50	1554	10.54	76.75	0.83
30	4064	27.55	136.37	0.57
10	7471	50.65	176.84	0.40

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 06500240CC0000R0012

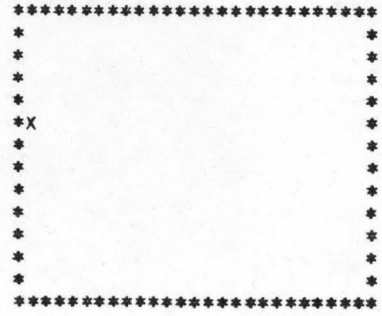
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T42N R116W
D.	LATITUDE, LONGITUDE	43 37 110 46
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	966.3 TO 976.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



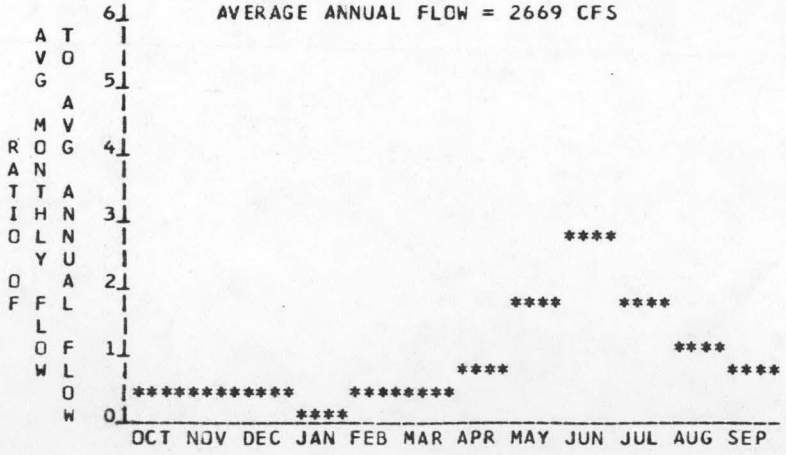
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

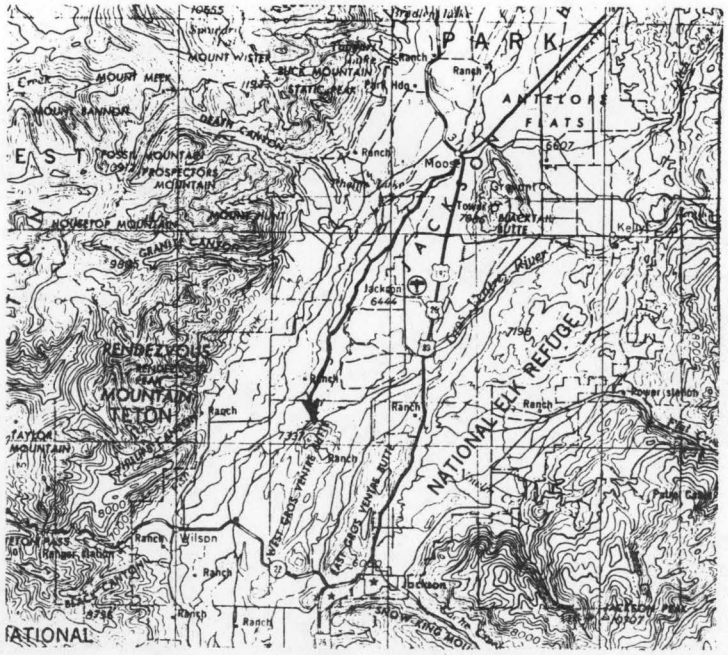
A.	UPSTREAM ELEVATION OF REACH	6450 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6240 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	210 FT.
D.	AVERAGE SLOPE IN REACH	21.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1699 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

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	8.19	71.46	1.00
80	702	12.49	104.48	0.95
50	1250	22.25	160.01	0.82
30	3585	63.80	305.61	0.55
10	6385	113.63	392.92	0.39

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024CCCCCCCR0014

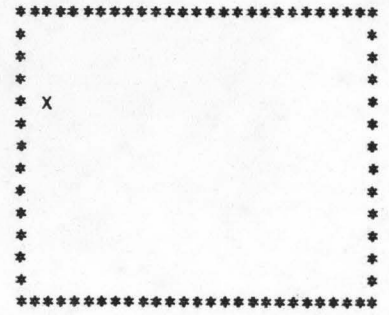
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T44N R115W
D.	LATITUDE, LONGITUDE	43 45 110 39
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	976.2 TO 992.9

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



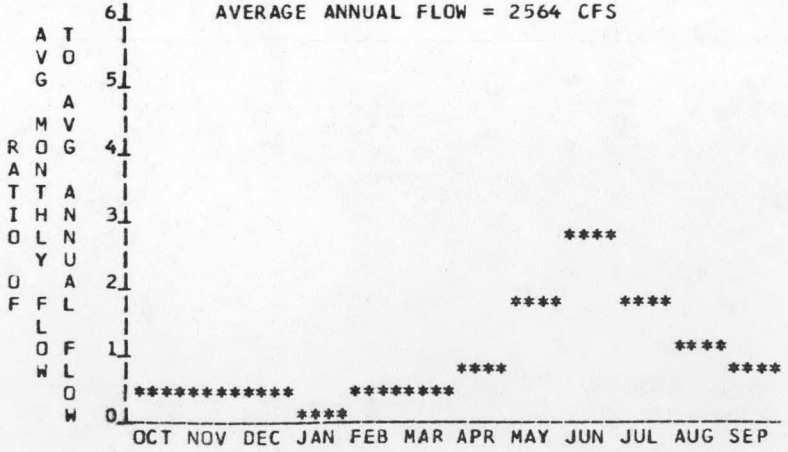
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

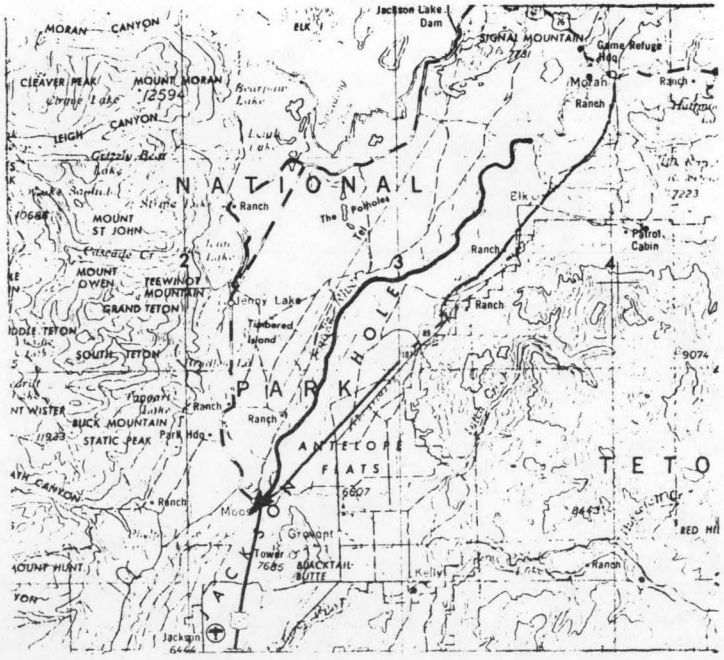
A.	UPSTREAM ELEVATION OF REACH	6695 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6450 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	245 FT.
D.	AVERAGE SLOPE IN REACH	14.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1667 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	422	8.76	76.48	1.00
80	657	13.64	113.88	0.95
50	1186	24.62	176.42	0.82
30	3483	72.32	343.53	0.54
10	6155	127.79	440.73	0.39

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024CCCOOOOR0016

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T45N R114W
D.	LATITUDE, LONGITUDE	43 49 110 31
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	992.9 TO 996.2

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS

X

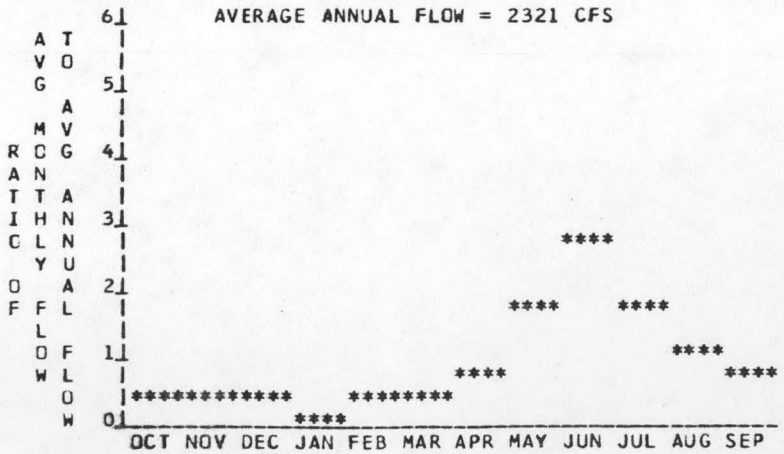
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

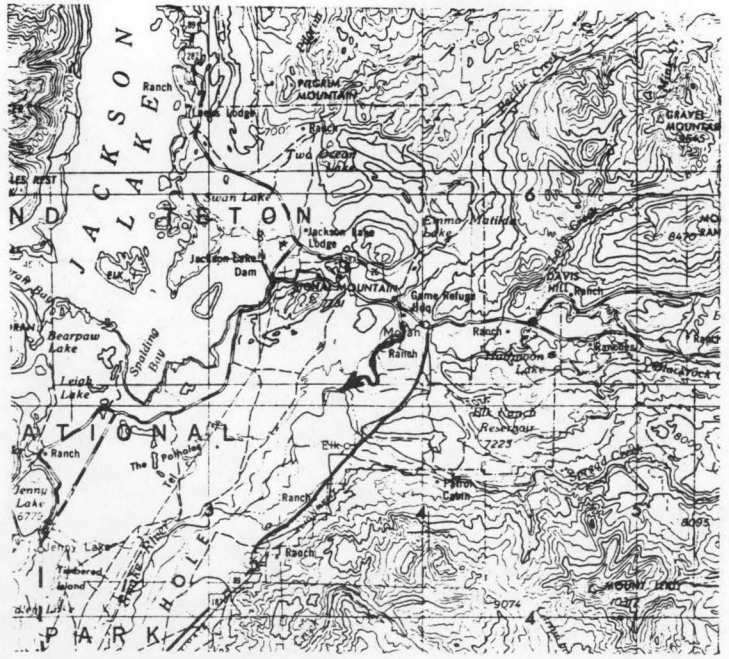
A.	UPSTREAM ELEVATION OF REACH	6717 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6695 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	22 FT.
D.	AVERAGE SLOPE IN REACH	6.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1367 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	333	0.62	5.42	1.00
80	554	1.03	8.58	0.95
50	1038	1.94	13.71	0.81
30	3250	6.06	28.17	0.53
10	5626	10.49	35.93	0.39

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065CC24CCCCCCCR0018

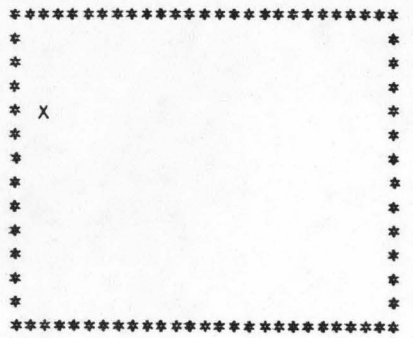
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T45N R114W
D.	LATITUDE, LONGITUDE	43 51 110 33
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	996.2 TO 1001.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
DRIGGS



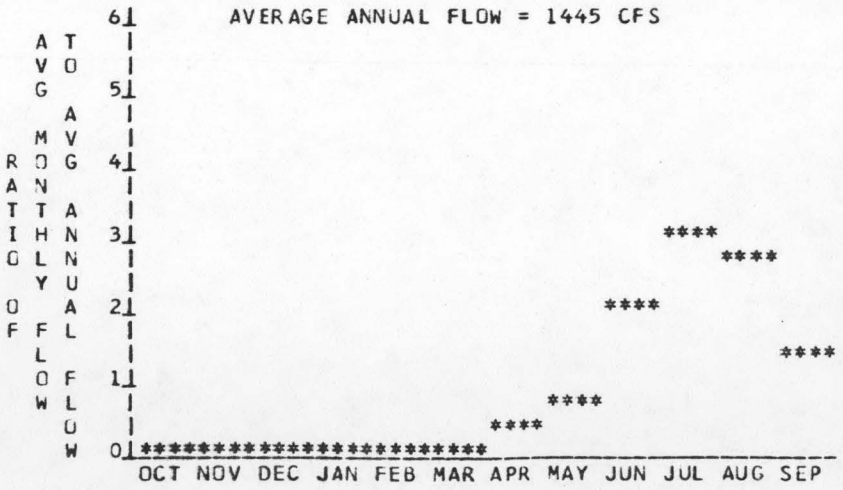
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

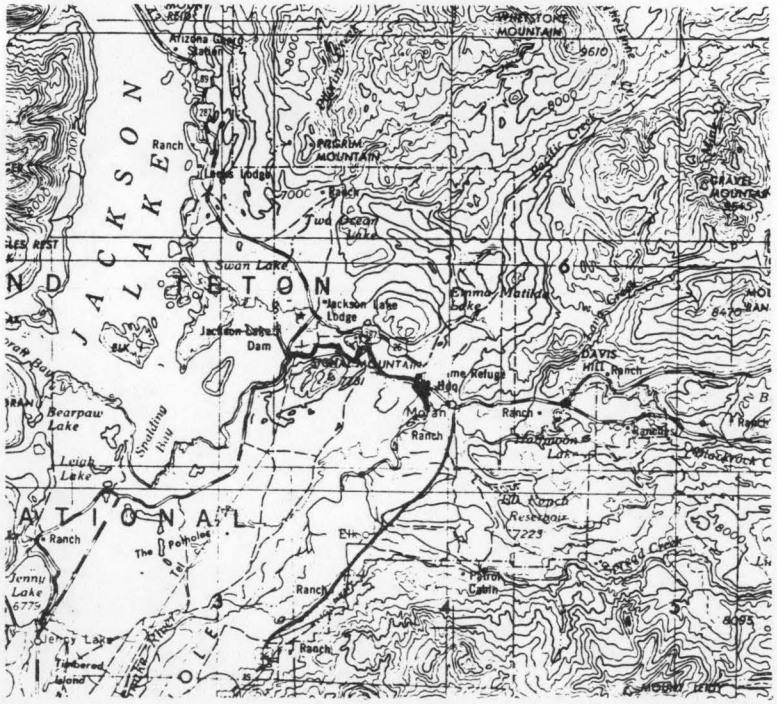
A.	UPSTREAM ELEVATION OF REACH	6738 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6717 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	21 FT.
D.	AVERAGE SLOPE IN REACH	4.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	814 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

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	0.02	0.18	0.98
80	182	0.32	2.50	0.88
50	503	0.90	5.76	0.73
30	2405	4.28	17.62	0.47
10	3710	6.60	21.69	0.37

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002400C0000R0022

I LOCATION

A.	STATE	WYOMING
B.	COUNTY	TETON
C.	TOWNSHIP, RANGE	T48N R115W
D.	LATITUDE, LONGITUDE	44 6 110 41
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	1018.6 TO 1028.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON

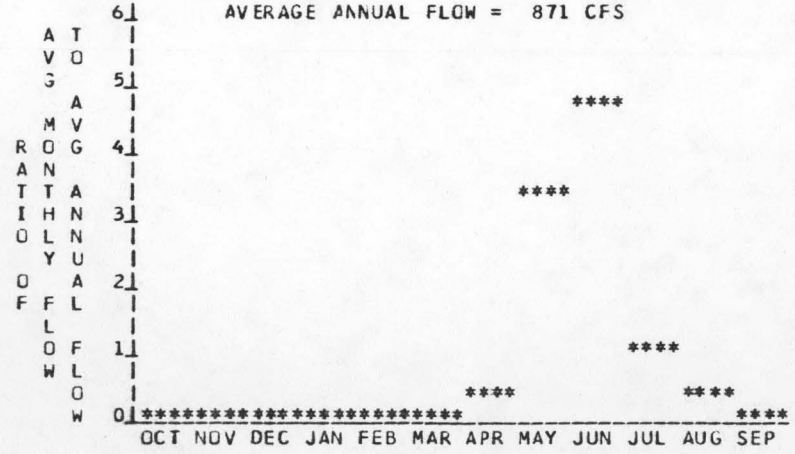
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

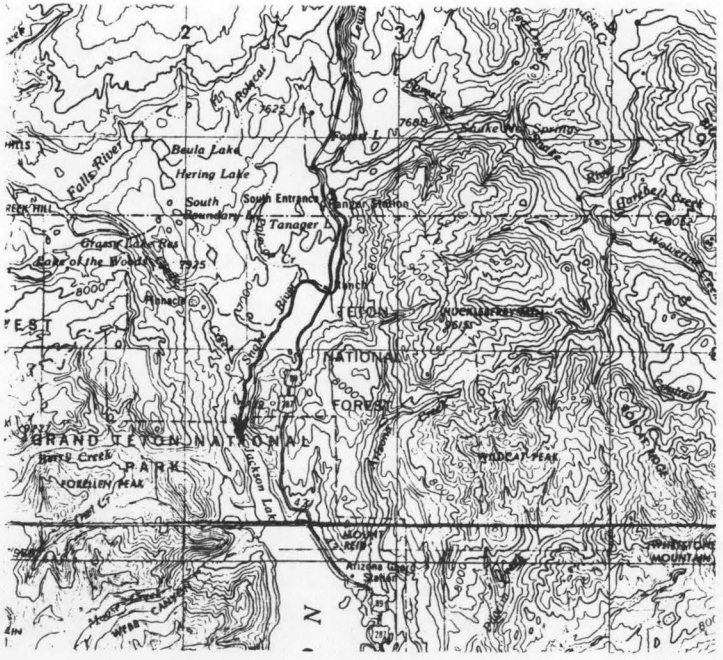
A.	UPSTREAM ELEVATION OF REACH	6860 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6769 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	91 FT.
D.	AVERAGE SLOPE IN REACH	9.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	527 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	179	1.38	12.08	1.00
80	210	1.62	13.95	0.98
50	295	2.28	17.67	0.89
30	525	4.05	23.87	0.67
10	2850	21.99	55.30	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002400C00C0R0024

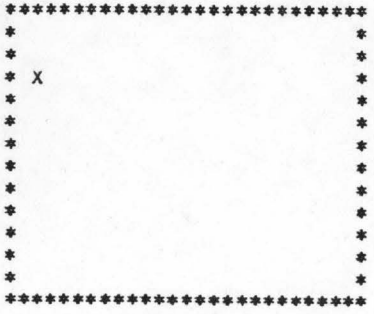
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	PARK
C.	TOWNSHIP, RANGE	T48N R115W
D.	LATITUDE, LONGITUDE	44 10 110 35
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	1028.0 TO 1037.5

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



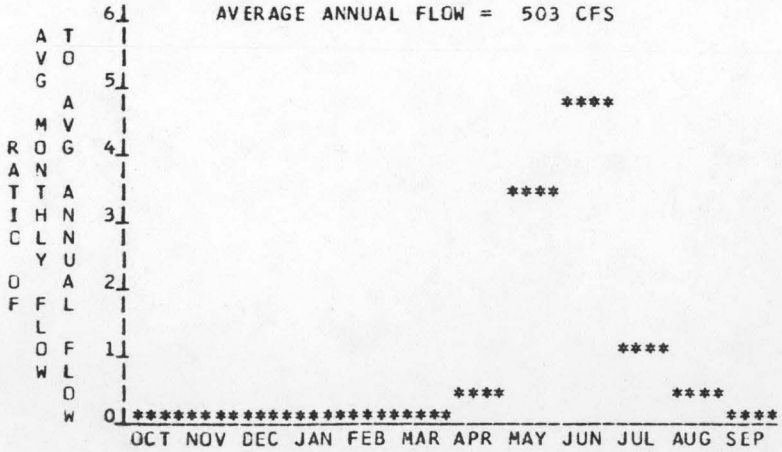
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

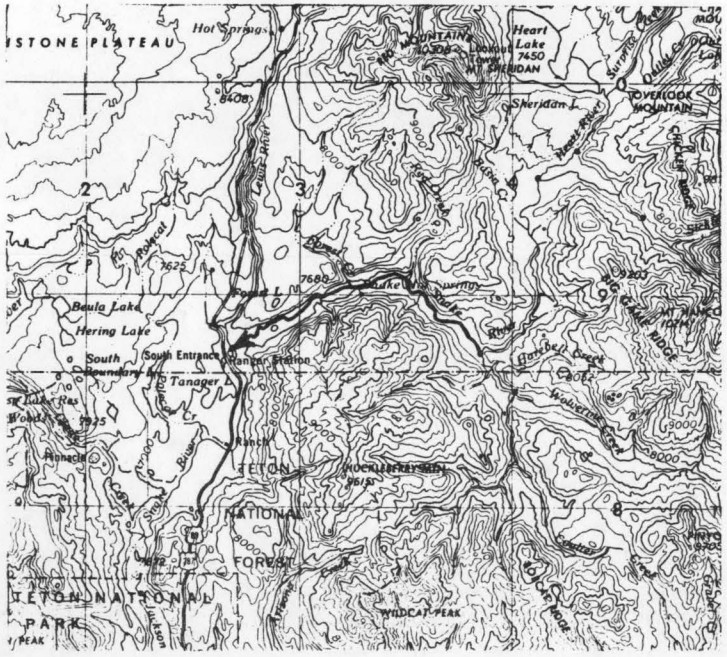
A.	UPSTREAM ELEVATION OF REACH	7060 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	6860 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	200 FT.
D.	AVERAGE SLOPE IN REACH	21.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	293 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	1.63	14.22	1.00
80	123	2.09	17.80	0.97
50	176	2.99	22.89	0.87
30	309	5.25	30.81	0.67
10	1601	27.15	69.18	0.29

IV TYPICAL ANNUAL HYDROGRAPH





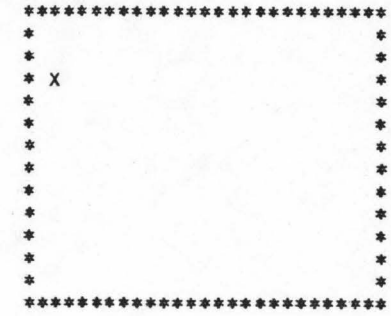
REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0650024CCC0000R0026

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



I LOCATION

A.	STATE	WYOMING
B.	COUNTY	PARK
C.	TOWNSHIP, RANGE	T48N R114W
D.	LATITUDE, LONGITUDE	44 11 110 29
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	1037.5 TO 1044.3

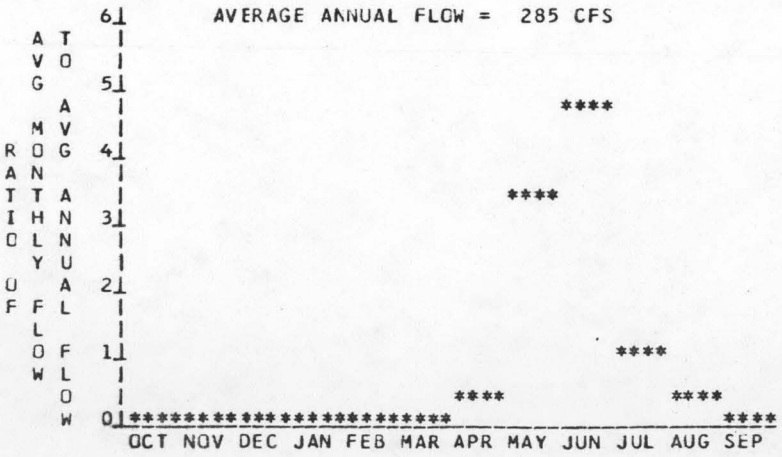
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

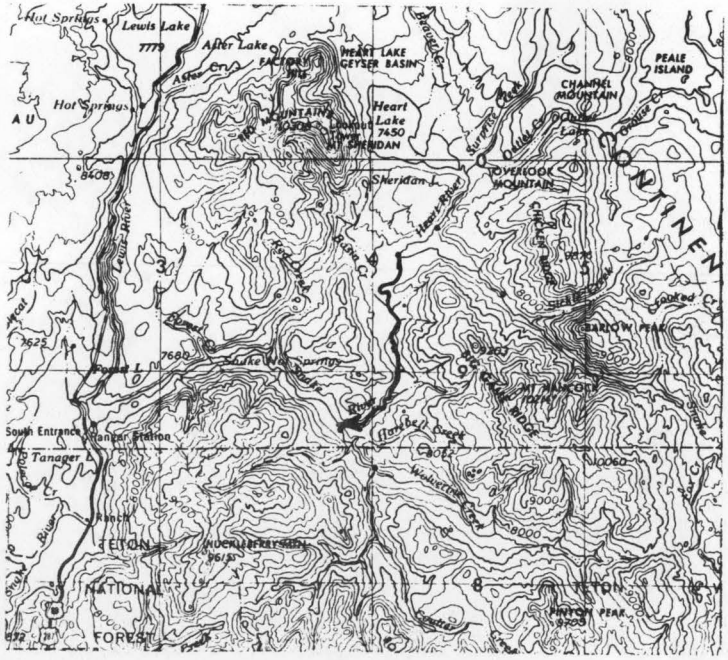
A.	UPSTREAM ELEVATION OF REACH	7230 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	7060 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	170 FT.
D.	AVERAGE SLOPE IN REACH	25.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	167 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	0.73	6.36	1.00
80	71	1.03	8.65	0.96
50	103	1.49	11.29	0.86
30	179	2.59	15.14	0.67
10	884	12.74	32.93	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 065002400C0000R0028

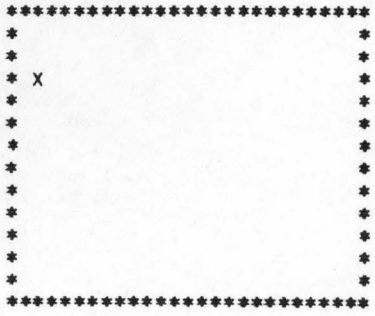
I LOCATION

A.	STATE	WYOMING
B.	COUNTY	PARK
C.	TOWNSHIP, RANGE	T49N R113W
D.	LATITUDE, LONGITUDE	44 12 110 26
E.	STREAM NAME	SNAKE RIVER
F.	MAJOR BASIN NAME	SNAKE RIVER
G.	RIVER MILE	1044.3 TO 1047.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ASHTON



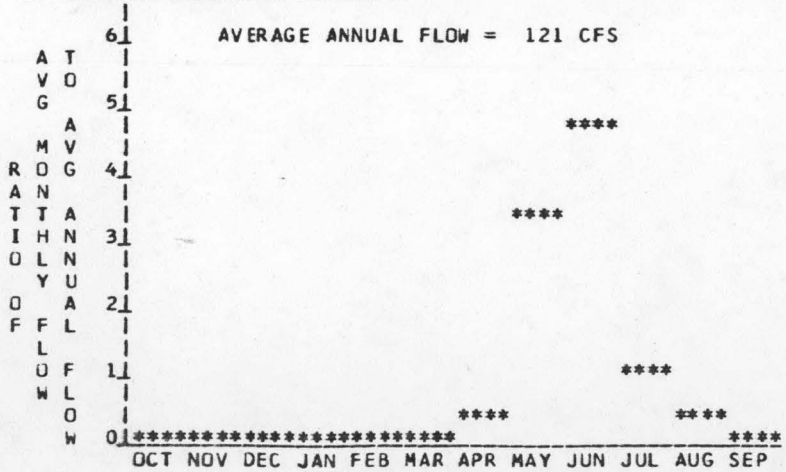
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

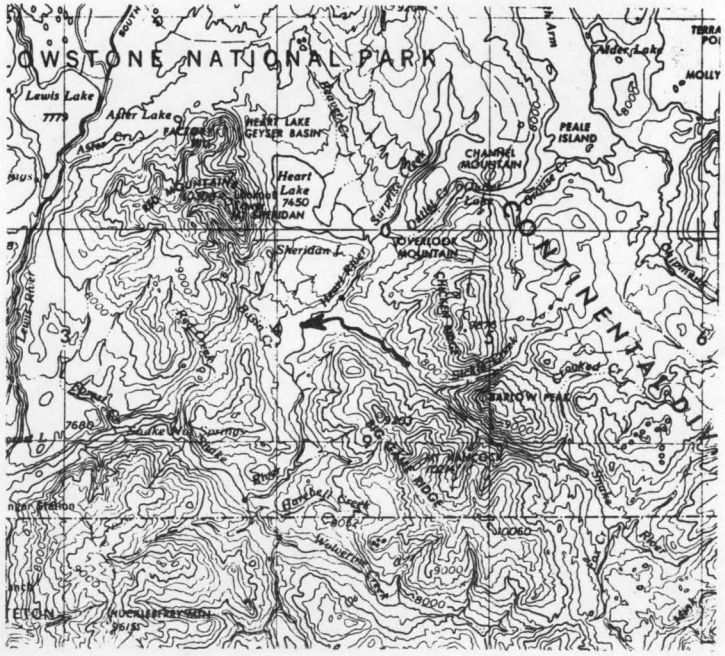
A.	UPSTREAM ELEVATION OF REACH	7400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	7230 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	170 FT.
D.	AVERAGE SLOPE IN REACH	50.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	79 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	19	0.38	3.34	1.00
80	31	0.62	5.16	0.95
50	46	0.93	6.90	0.85
30	78	1.58	9.19	0.66
10	360	7.21	19.05	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240020000R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH
C.	TOWNSHIP, RANGE	T41N R05W
D.	LATITUDE, LONGITUDE	46 55 116 59
E.	STREAM NAME	PALOUSE RIVER
F.	MAJOR BASIN NAME	PALOUSE RIVER
G.	RIVER MILE	123.4 TO 129.4

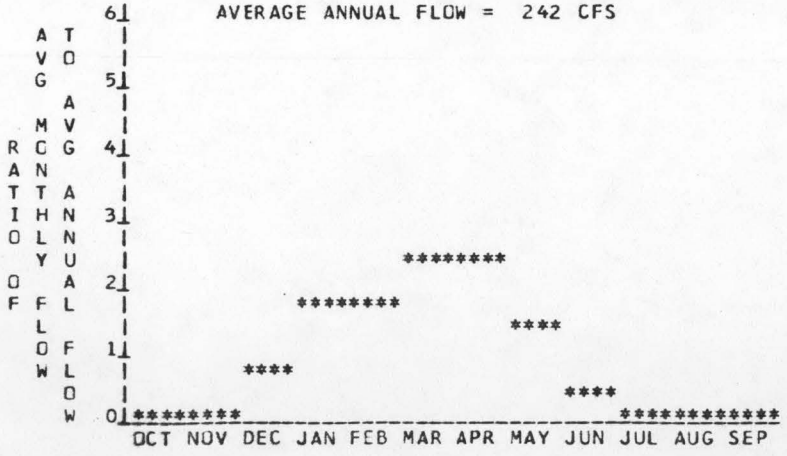
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2460 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2433 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	27 FT.
D.	AVERAGE SLOPE IN REACH	4.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	352 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	0.01	0.10	0.99
80	12	0.03	0.22	0.92
50	68	0.16	0.95	0.70
30	218	0.50	2.15	0.49
10	689	1.58	4.04	0.29

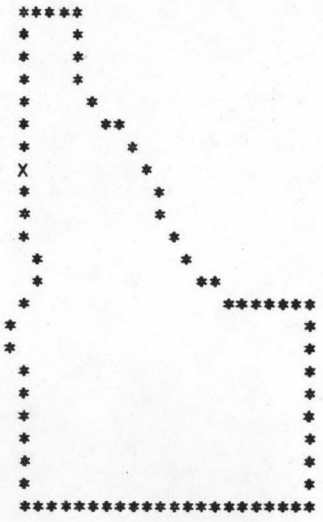
IV TYPICAL ANNUAL HYDROGRAPH

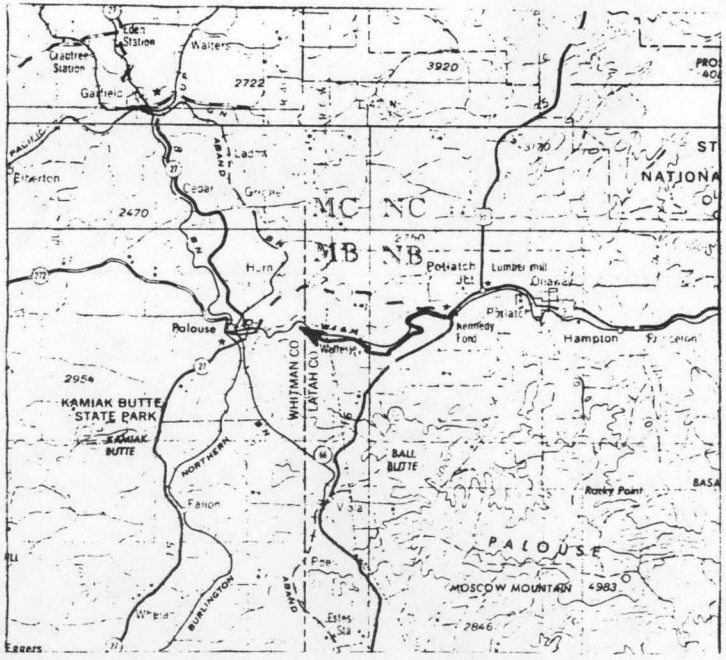


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024002000R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH
C.	TOWNSHIP, RANGE	T41N R05W
D.	LATITUDE, LONGITUDE	46 55 116 55
E.	STREAM NAME	PALOUSE RIVER
F.	MAJOR BASIN NAME	PALOUSE RIVER
G.	RIVER MILE	129.4 TO 133.8

II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

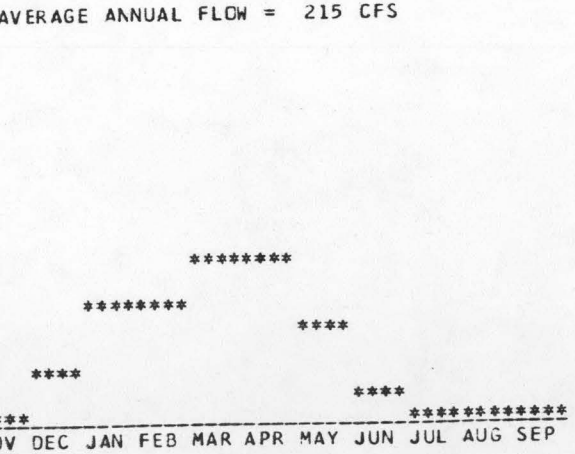
A.	UPSTREAM ELEVATION OF REACH	2480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2460 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	4.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	333 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	4	0.01	0.06	0.99
80	11	0.02	0.15	0.92
50	60	0.10	0.62	0.70
30	194	0.33	1.42	0.49
10	613	1.04	2.66	0.29

IV TYPICAL ANNUAL HYDROGRAPH

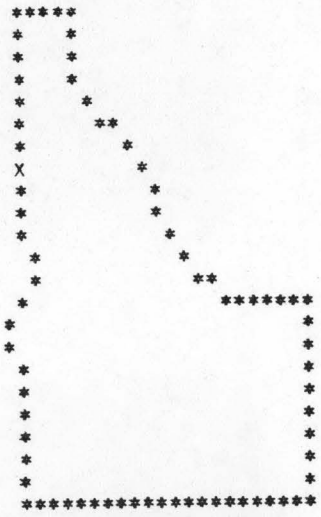
AVERAGE ANNUAL FLOW = 215 CFS

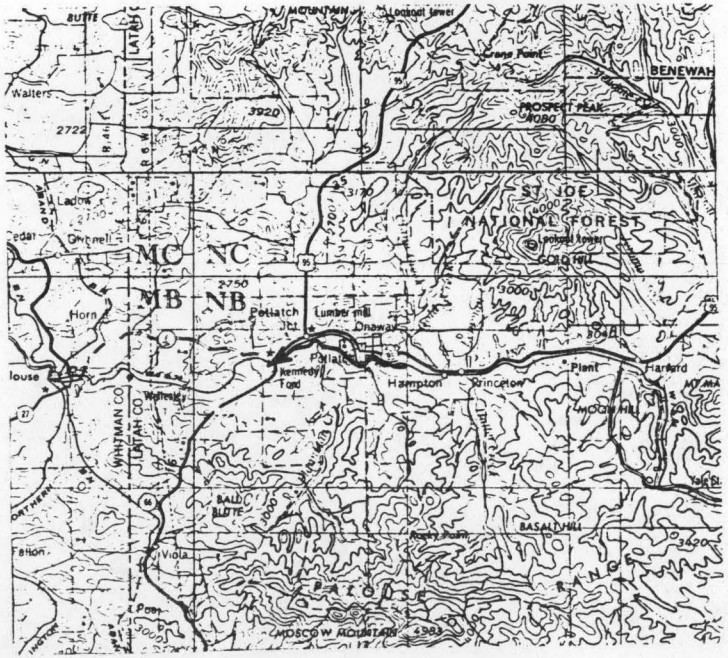


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC200C0R0C06

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH
C.	TOWNSHIP, RANGE	T41N R04W
D.	LATITUDE, LONGITUDE	46 55 116 48
E.	STREAM NAME	PALOUSE RIVER
F.	MAJOR BASIN NAME	PALOUSE RIVER
G.	RIVER MILE	133.8 TO 142.8

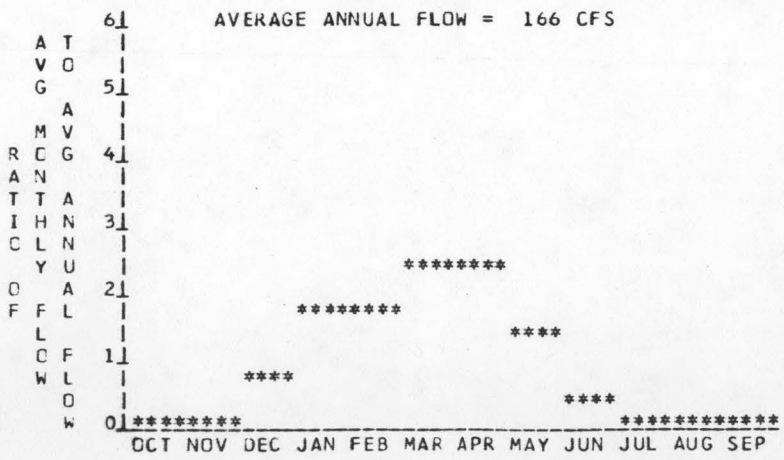
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2560 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 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	258 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	3	0.02	0.18	0.99
80	8	0.05	0.44	0.92
50	47	0.32	1.94	0.70
30	150	1.02	4.39	0.49
10	474	3.21	8.24	0.29

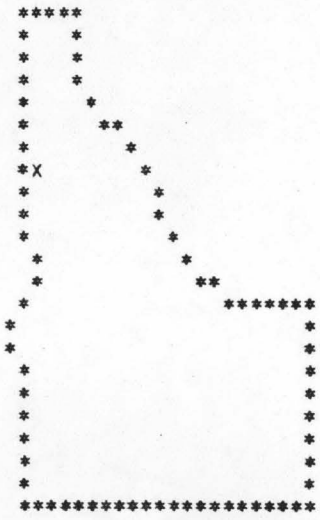
IV TYPICAL ANNUAL HYDROGRAPH

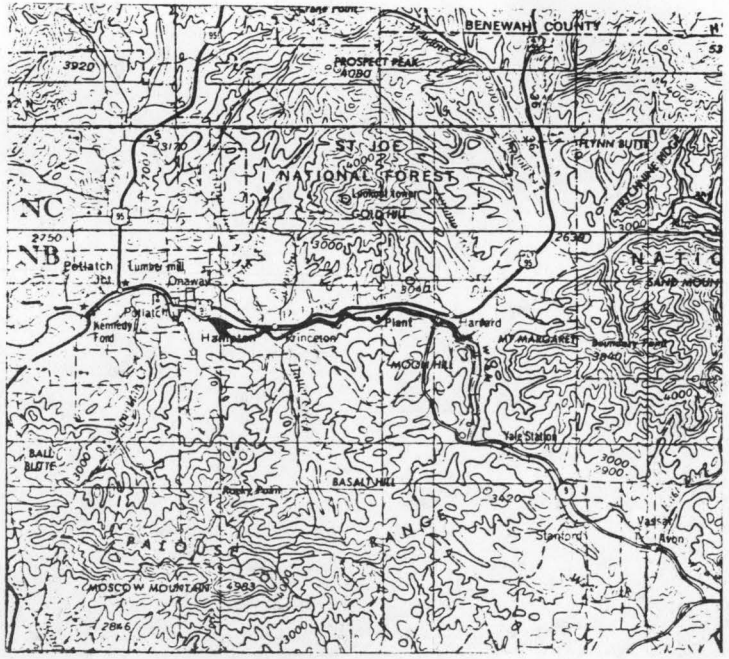


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350240C20000R00C8

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH
C.	TOWNSHIP, RANGE	T41N R03W
D.	LATITUDE, LONGITUDE	46 55 116 43
E.	STREAM NAME	PALOUSE RIVER
F.	MAJOR BASIN NAME	PALOUSE RIVER
G.	RIVER MILE	142.8 TO 143.6

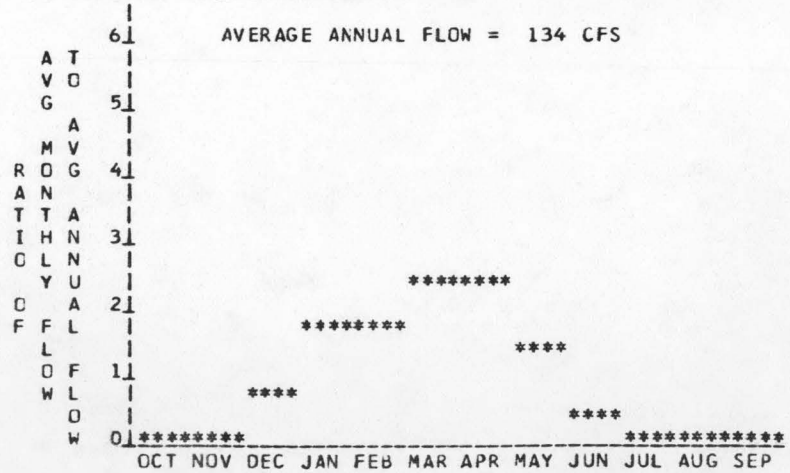
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2580 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2560 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	20 FT.
D.	AVERAGE SLOPE IN REACH	25.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	176 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	3	0.02	0.19	0.99
80	7	0.05	0.41	0.92
50	38	0.28	1.70	0.70
30	121	0.88	3.82	0.49
10	382	2.78	7.15	0.29

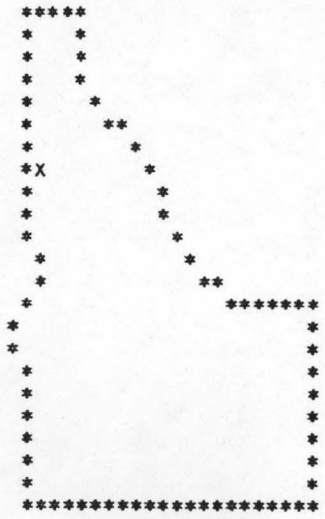
IV TYPICAL ANNUAL HYDROGRAPH

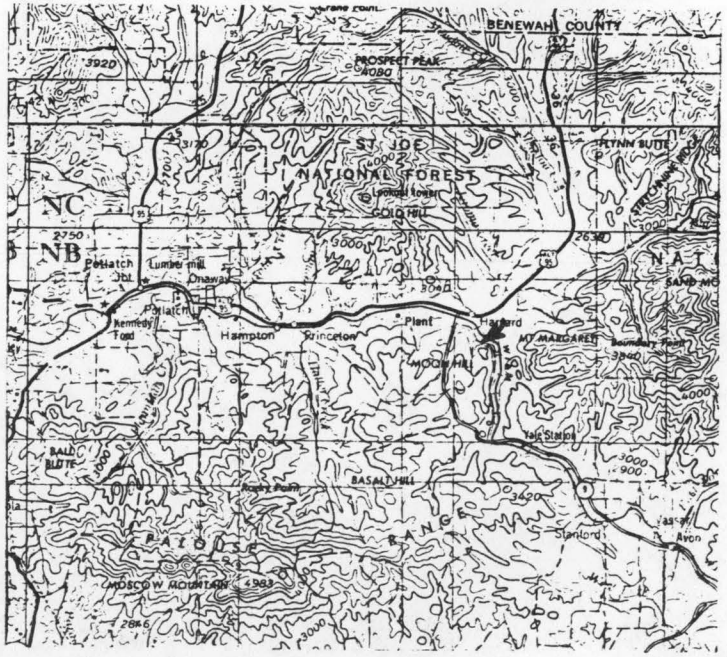


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C040000R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	NEZ PERCE
C.	TOWNSHIP, RANGE	T36N R05W
D.	LATITUDE, LONGITUDE	46 25 116 50
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	4.4 TO 11.8

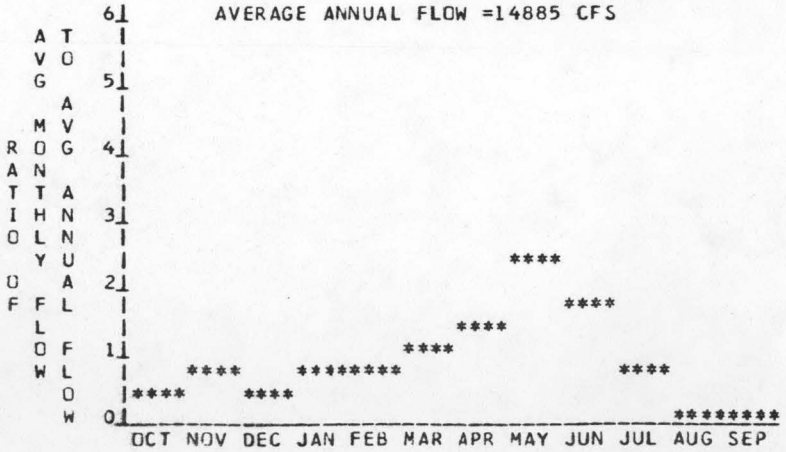
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	780 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	738 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	42 FT.
D.	AVERAGE SLOPE IN REACH	5.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	9329 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	3700	13.17	114.82	1.00
80	5400	19.22	161.20	0.96
50	10750	38.26	269.63	0.80
30	17500	62.29	353.81	0.65
10	31500	112.12	441.11	0.45

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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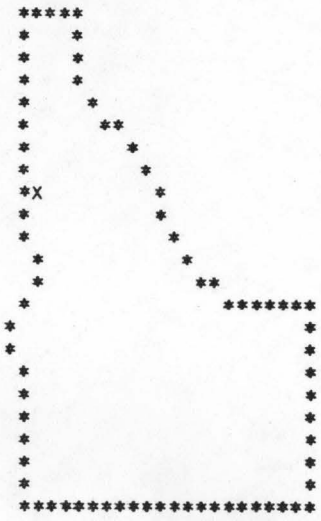
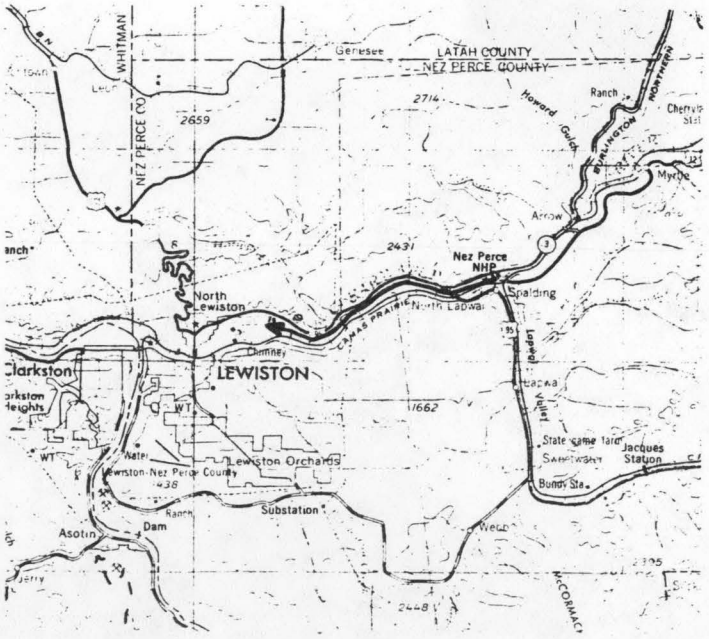
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350240C40000R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	NEZ PERCE
C.	TOWNSHIP, RANGE	T37N R02W
D.	LATITUDE, LONGITUDE	46 30 116 33
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	11.8 TO 34.2

LOCATION MAPS

U.S. TOPO SERIES
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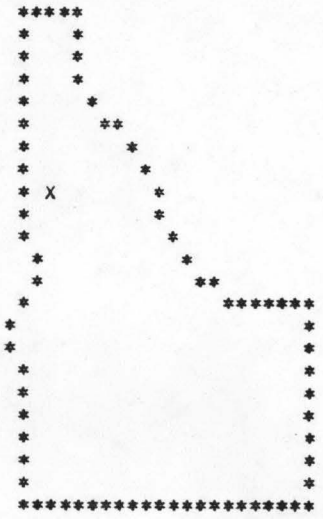
SCALE

MAP NAME
PULLMAN



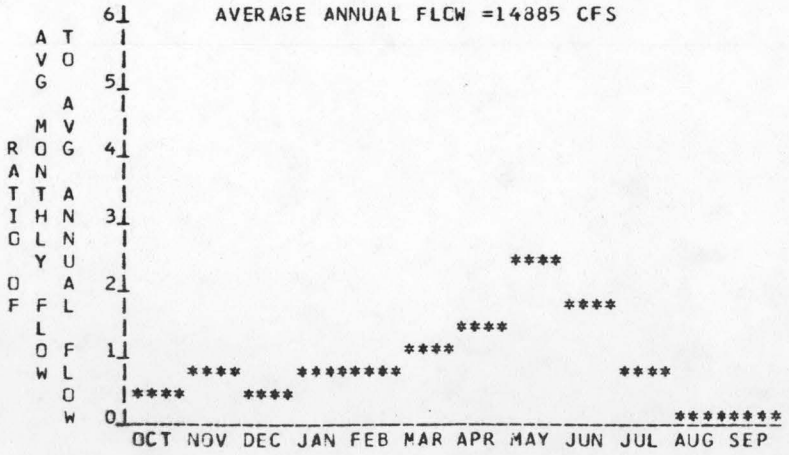
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

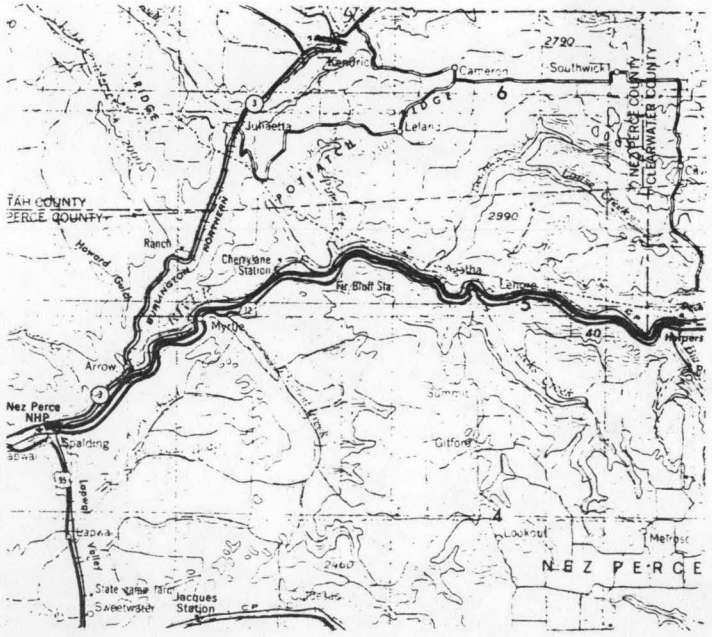
A.	UPSTREAM ELEVATION OF REACH	920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	780 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	140 FT.
D.	AVERAGE SLOPE IN REACH	6.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	8983 SQ.MI.
F.	INFLOW CLASSIFICATION	REGULATED

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	3700	43.90	382.73	1.00
80	5400	64.07	537.33	0.96
50	10750	127.54	898.75	0.80
30	17500	207.63	1179.37	0.65
10	31500	373.73	1470.38	0.45

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC40000R0020

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER, NEZ PERCE
C.	TOWNSHIP, RANGE	T36N R01E
D.	LATITUDE, LONGITUDE	46 30 116 22
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	34.2 TO 39.4

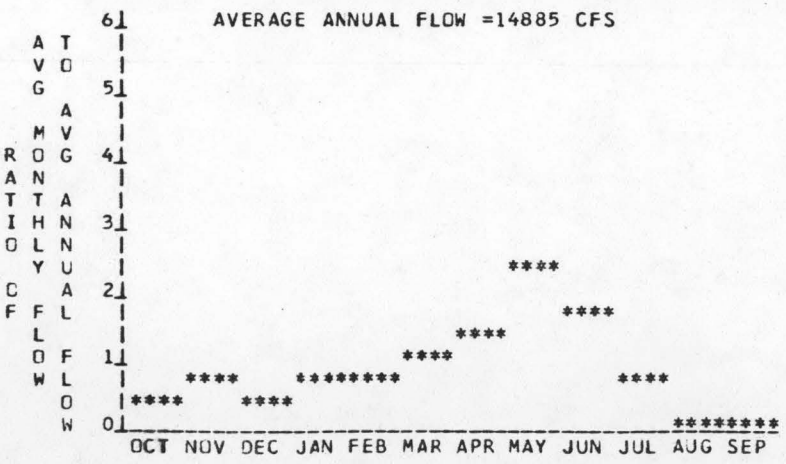
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	960 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	920 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	7.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	7961 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	3700	12.54	109.35	1.00
80	5400	18.31	153.52	0.96
50	10750	36.44	256.79	0.80
30	17500	59.32	336.96	0.65
10	31500	106.78	420.11	0.45

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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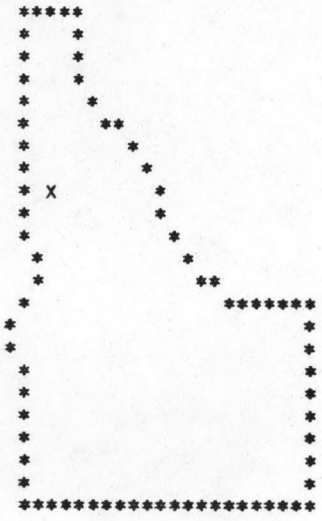
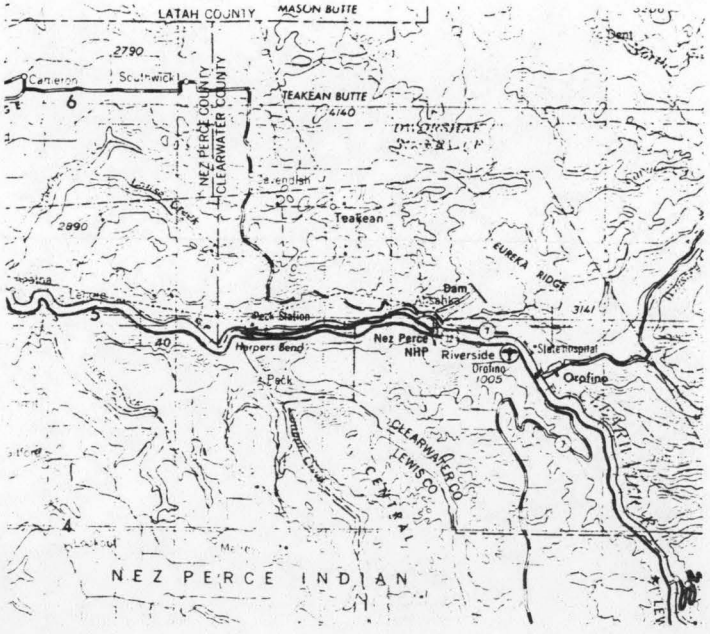
MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04C000R0022

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T36N R01E
D.	LATITUDE, LONGITUDE	46 30 116 17
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	39.4 TO 44.8

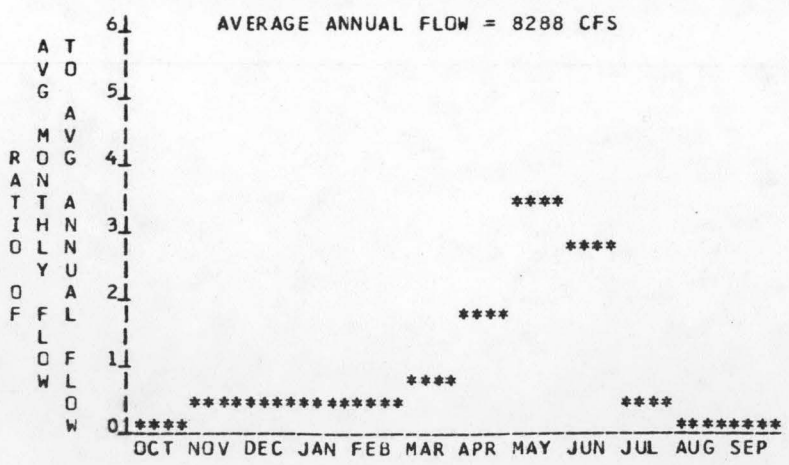
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1000 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	960 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	40 FT.
D.	AVERAGE SLOPE IN REACH	7.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5501 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	1174	3.98	34.75	1.00
80	1875	6.36	52.96	0.95
50	3503	11.88	84.39	0.81
30	6997	23.72	125.89	0.61
10	25402	86.11	235.20	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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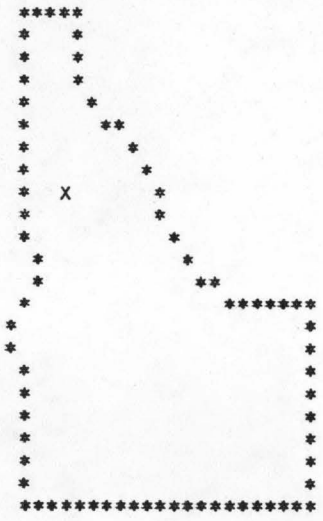
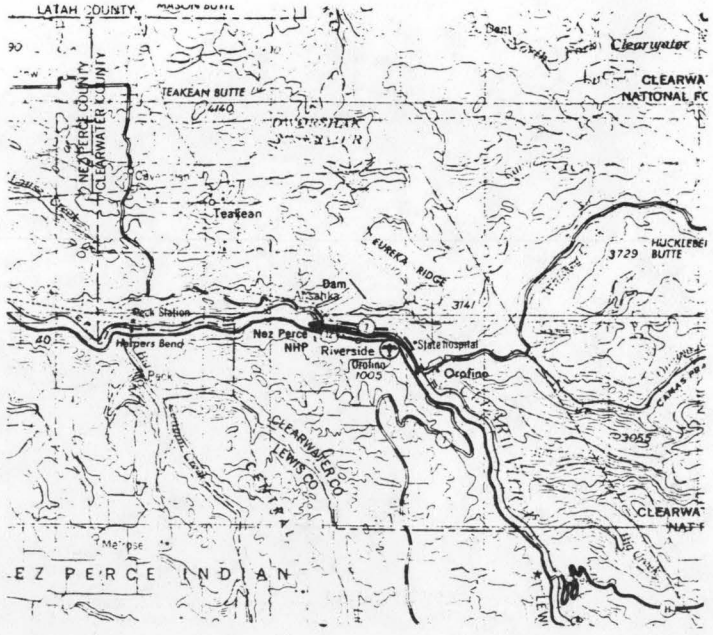
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240C40000R0024

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LEWIS, CLEARWATER
C.	TOWNSHIP, RANGE	T36N R02E
D.	LATITUDE, LONGITUDE	46 25 116 12
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	44.8 TO 53.8

LOCATION MAPS

U.S. TOPO SERIES
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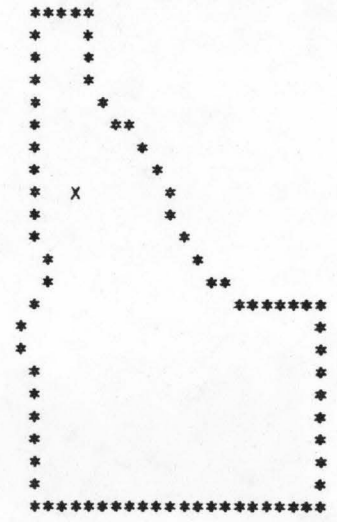
SCALE

MAP NAME
PULLMAN



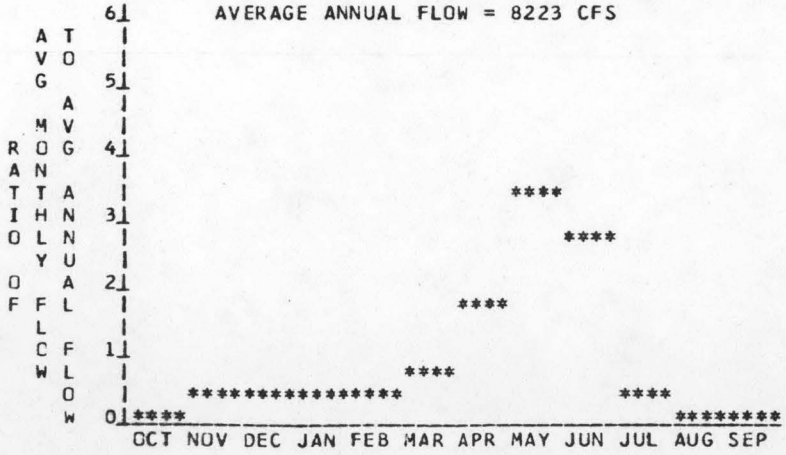
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

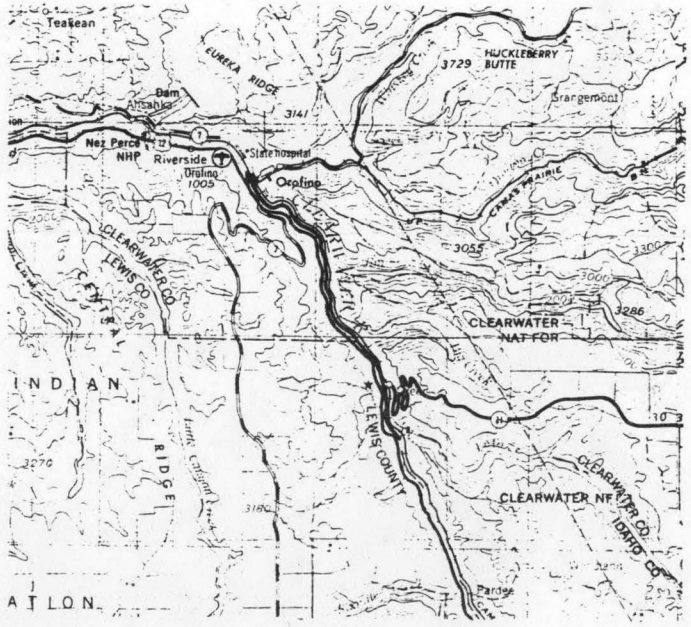
A.	UPSTREAM ELEVATION OF REACH	1050 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	995 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	55 FT.
D.	AVERAGE SLOPE IN REACH	6.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	5488 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1164	5.43	47.39	1.00
80	1859	8.67	72.22	0.95
50	3475	16.20	115.09	0.81
30	6941	32.35	171.70	0.61
10	25206	117.49	320.85	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240C400CCR0C26

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO, LEWIS
C.	TOWNSHIP, RANGE	T34N R03E
D.	LATITUDE, LONGITUDE	46 20 116 7
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	53.8 TO 67.0

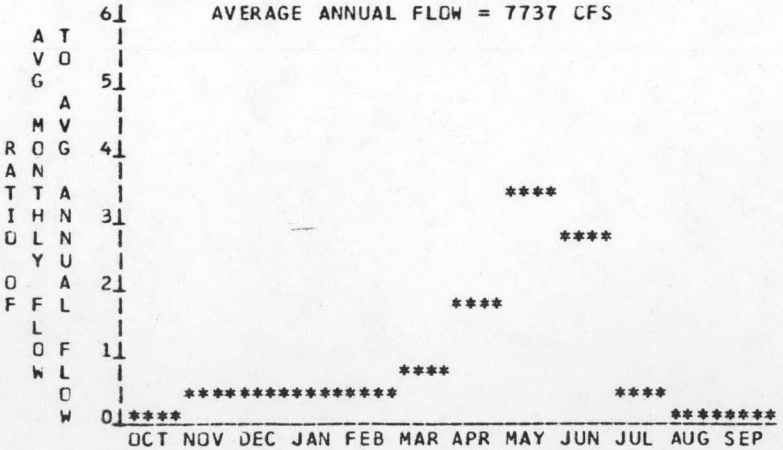
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1170 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1050 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	9.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4900 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	1092	11.11	97.01	1.00
80	1745	17.75	147.87	0.95
50	3262	33.18	235.70	0.81
30	6520	66.31	351.81	0.61
10	23742	241.45	658.65	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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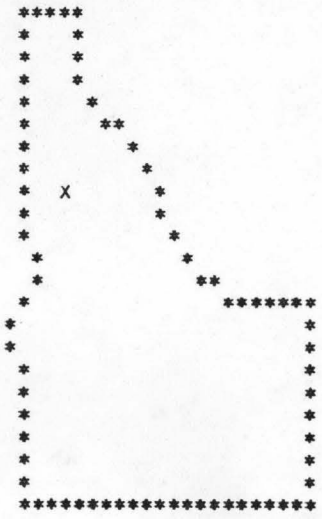
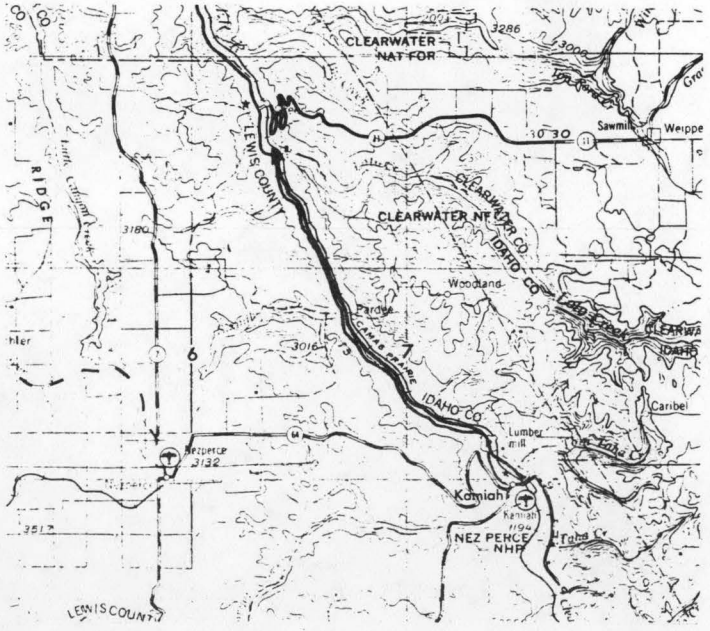
MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004000CR0028

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T33N R04E
D.	LATITUDE, LONGITUDE	46 11 116 1
E.	STREAM NAME	CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	67.0 TO 74.4

LOCATION MAPS

U.S. TOPO SERIES
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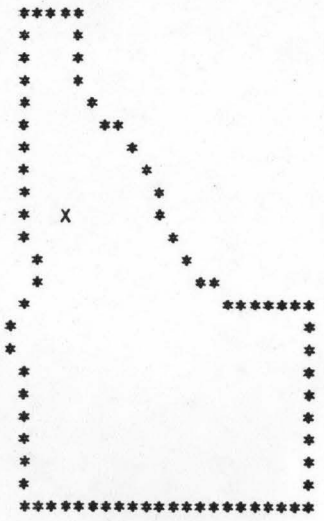
SCALE

MAP NAME
PULLMAN



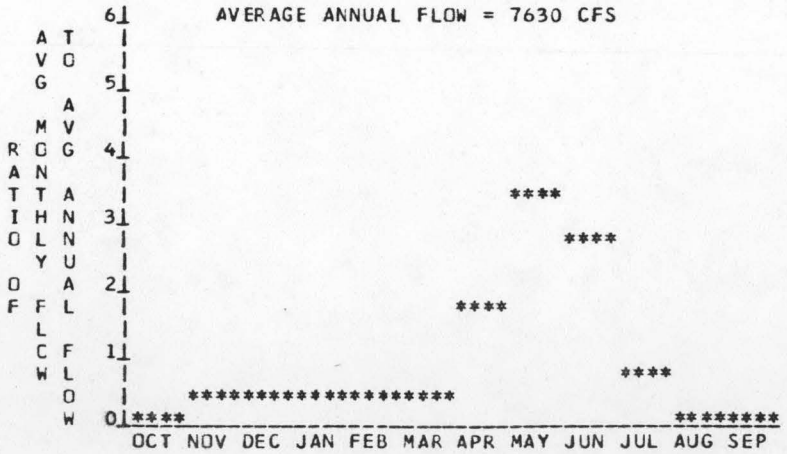
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

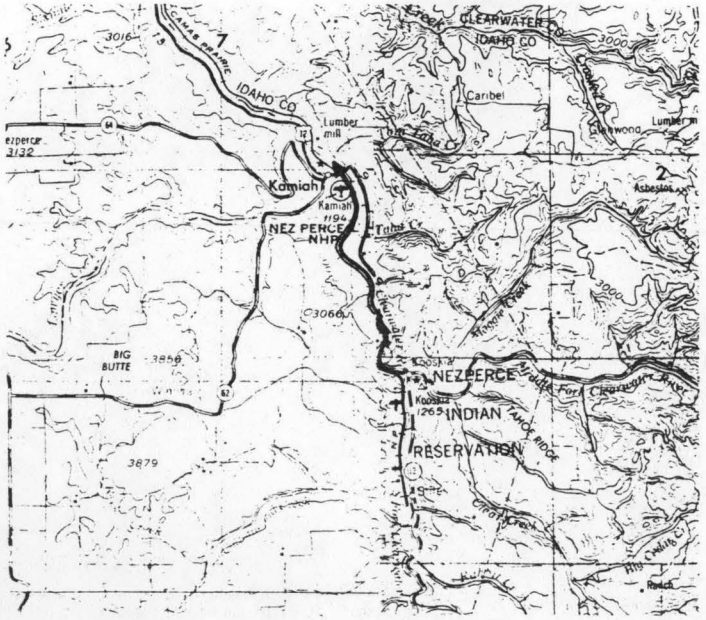
A.	UPSTREAM ELEVATION OF REACH	1230 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1175 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	55 FT.
D.	AVERAGE SLOPE IN REACH	7.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	4808 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	1077	5.02	43.82	1.00
80	1720	8.02	66.79	0.95
50	3215	14.99	106.47	0.81
30	6427	29.96	158.94	0.61
10	23418	109.15	297.69	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004000C5R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	NEZ PERCE, LATAH
C.	TOWNSHIP, RANGE	T38N R03W
D.	LATITUDE, LONGITUDE	46 33 116 42
E.	STREAM NAME	POTLATCH RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 13.0

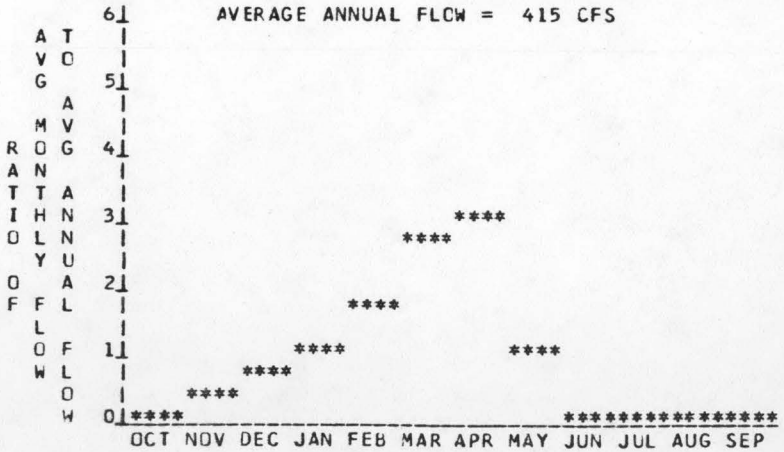
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1200 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	400 FT.
D.	AVERAGE SLOPE IN REACH	30.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	563 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	1.74	15.16	1.00
80	82	2.80	23.28	0.95
50	156	5.31	37.62	0.81
30	324	10.98	57.49	0.60
10	1341	45.46	117.89	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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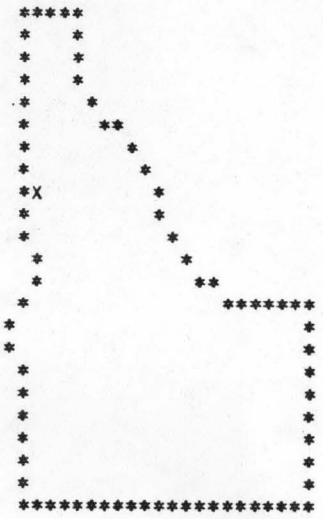
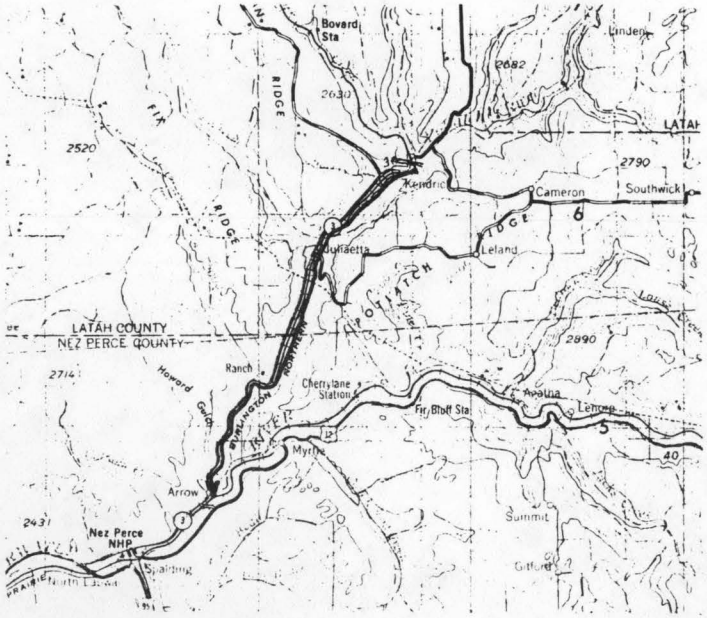
MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC400C5R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH, NEZ PERCE
C.	TOWNSHIP, RANGE	T39N R02W
D.	LATITUDE, LONGITUDE	46 38 116 35
E.	STREAM NAME	POTLATCH RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	13.0 TO 18.4

LOCATION MAPS

U.S. TOPO SERIES
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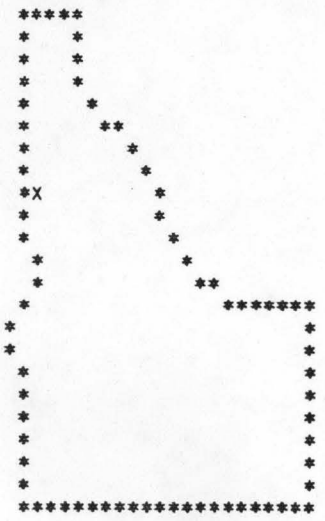
SCALE

MAP NAME
PULLMAN



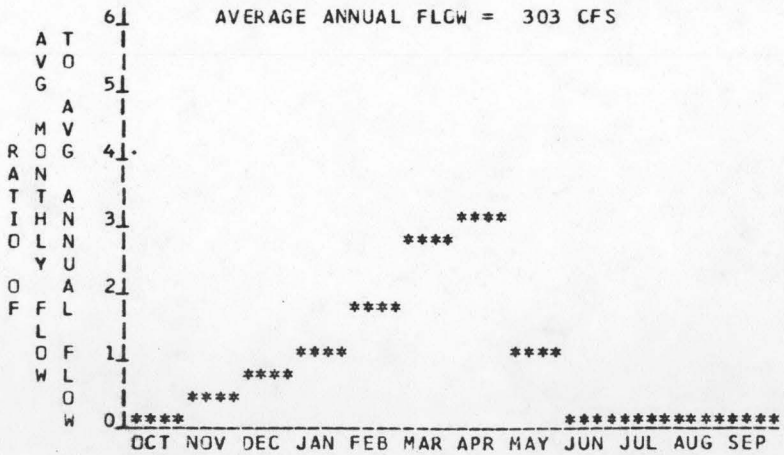
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

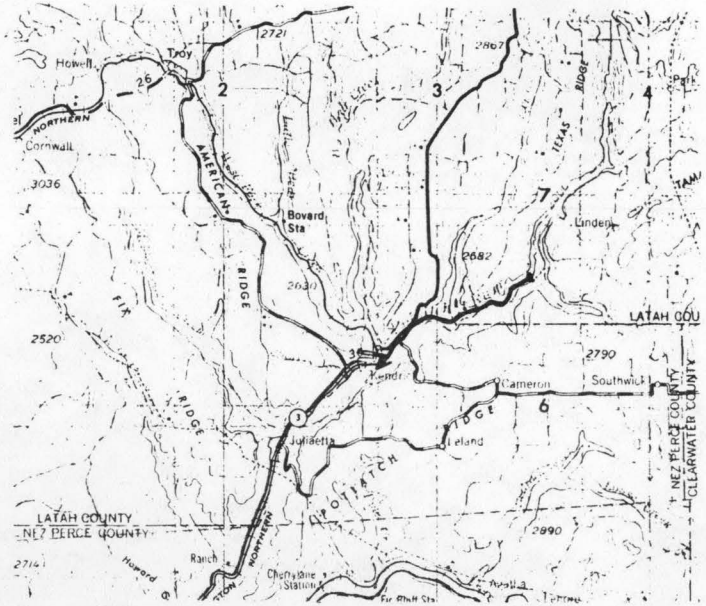
A.	UPSTREAM ELEVATION OF REACH	1600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1240 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	66.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	422 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	1.13	9.84	1.00
80	59	1.82	15.12	0.95
50	113	3.46	24.46	0.81
30	235	7.17	37.47	0.60
10	986	30.08	77.62	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J350024OC400C5R00C6

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	LATAH
C.	TOWNSHIP, RANGE	T4ON R01W
D.	LATITUDE, LONGITUDE	46 47 116 30
E.	STREAM NAME	POTLATCH RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	18.4 TO 34.6

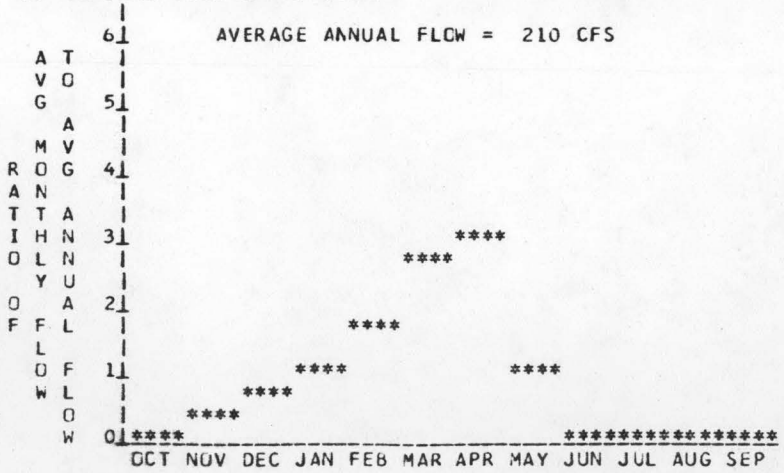
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2640 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1040 FT.
D.	AVERAGE SLOPE IN REACH	64.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	240 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	2.36	20.59	1.00
80	40	3.81	31.68	0.95
50	77	7.26	51.33	0.81
30	161	15.12	78.89	0.60
10	687	64.47	165.35	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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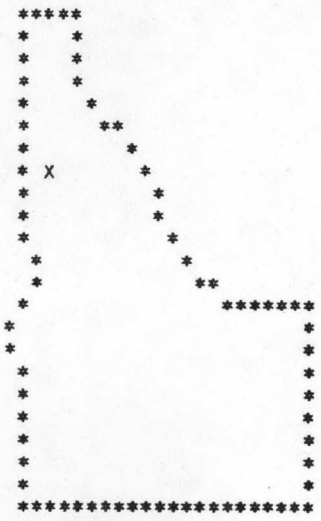
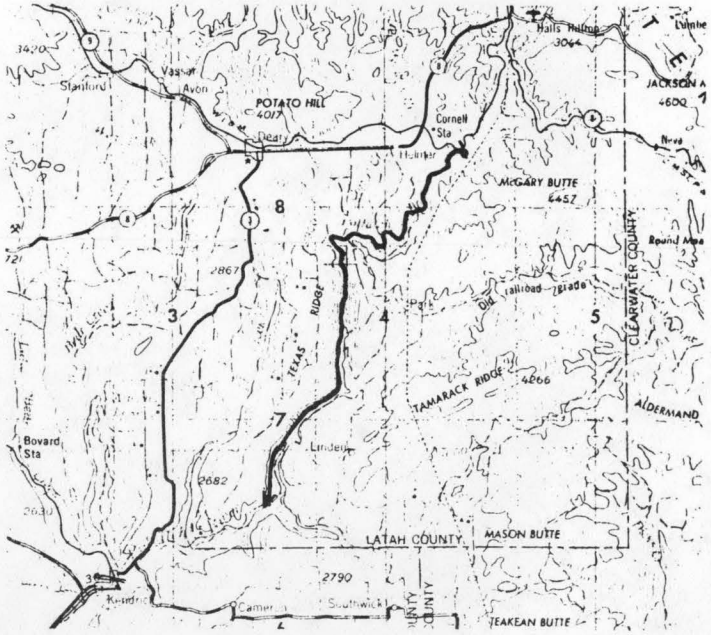
MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C040010R0025

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T41N R06E
D.	LATITUDE, LONGITUDE	46 52 115 39
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	53.2 TO 57.1

LOCATION MAPS

U.S. TOPO SERIES
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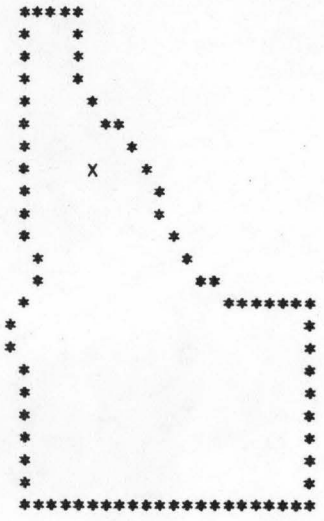
SCALE

MAP NAME
HAMILTON



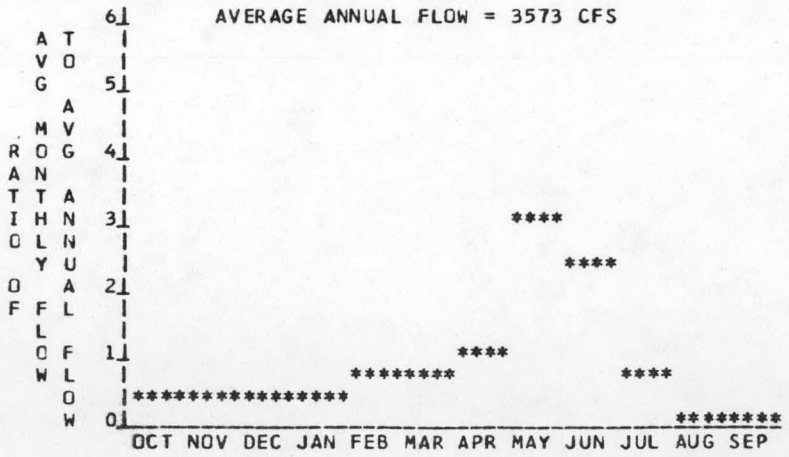
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

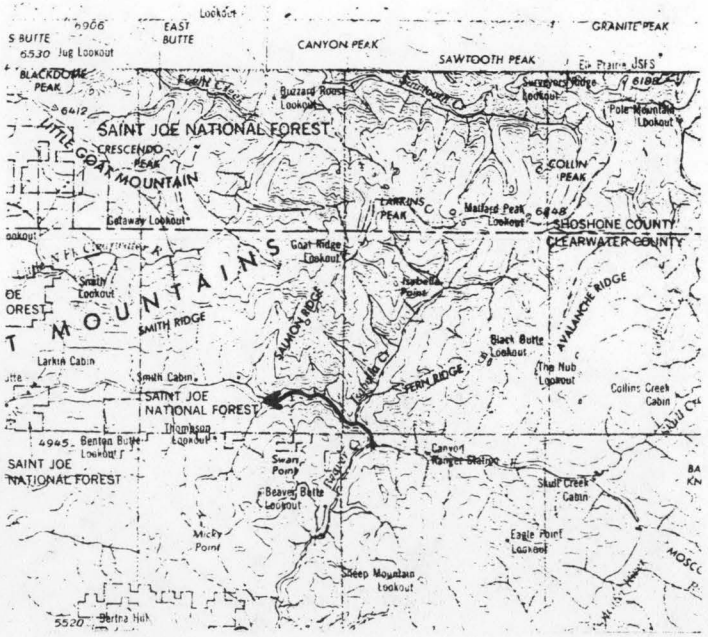
A.	UPSTREAM ELEVATION OF REACH	1680 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	20.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1324 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	487	3.30	28.82	1.00
80	779	5.28	44.01	0.95
50	1463	9.92	70.40	0.81
30	2950	20.00	105.74	0.60
10	11113	75.34	202.69	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J350024004001CR0C30

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T40N R07E
D.	LATITUDE, LONGITUDE	46 50 115 32
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	57.1 TO 65.5

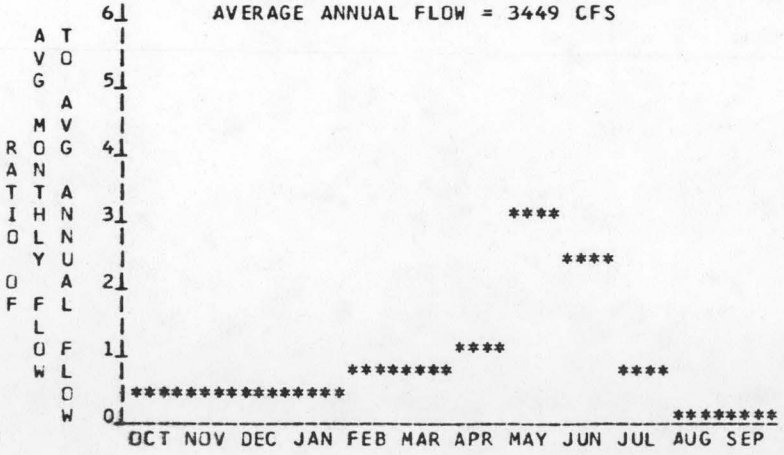
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1840 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1680 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	160 FT.
D.	AVERAGE SLOPE IN REACH	19.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1286 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	469	6.37	55.56	1.00
80	751	10.19	84.85	0.95
50	1410	19.13	135.75	0.81
30	2845	38.59	203.94	0.60
10	10735	145.56	391.35	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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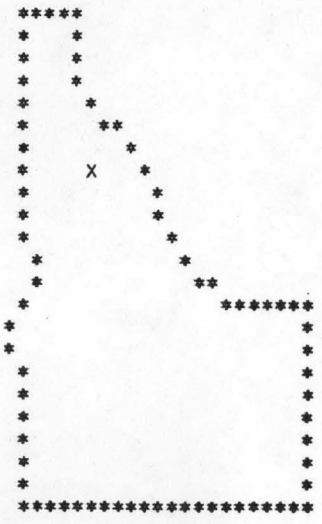
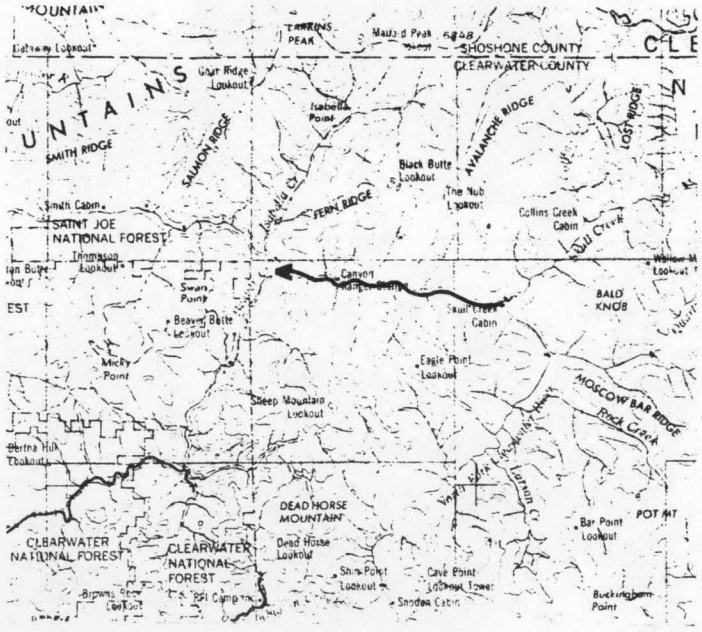
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J350024004001CR0034

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T40N R08E
D.	LATITUDE, LONGITUDE	46 46 115 29
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	65.5 TO 75.3

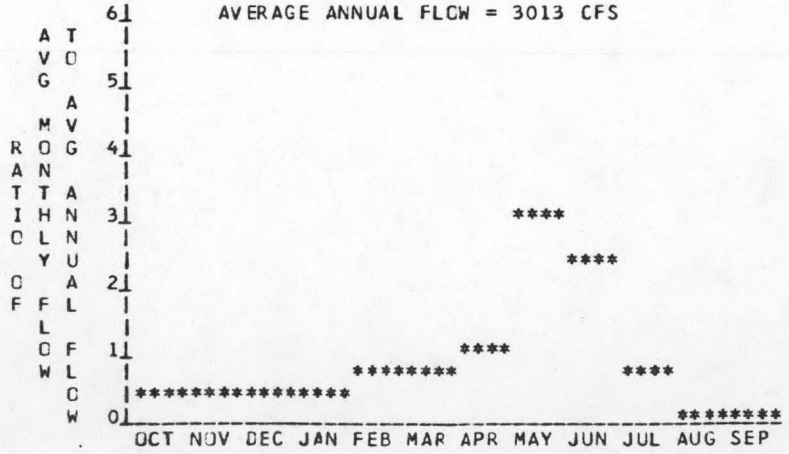
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2120 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1840 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	280 FT.
D.	AVERAGE SLOPE IN REACH	28.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1126 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	407	9.67	84.39	1.00
80	652	15.48	128.93	0.95
50	1225	29.09	206.41	0.81
30	2476	58.77	310.42	0.60
10	9398	223.02	598.19	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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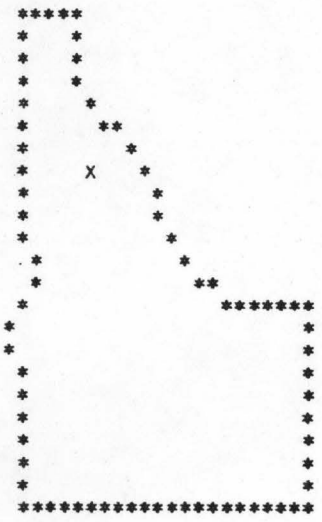
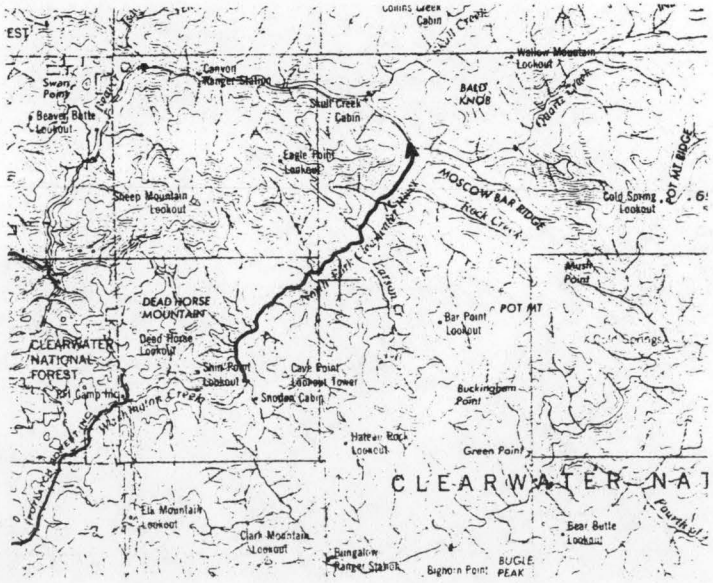
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010R0038

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N R07E
D.	LATITUDE, LONGITUDE	46 39 115 32
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	75.3 TO 81.7

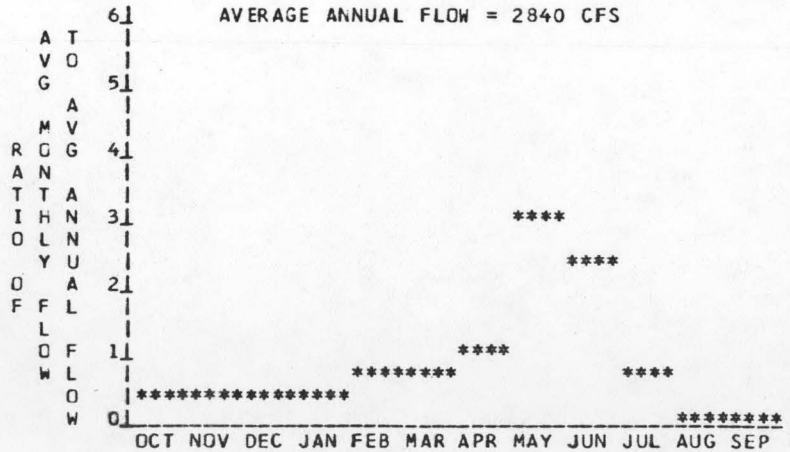
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2120 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	18.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1017 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	383	3.90	34.01	1.00
80	613	6.24	51.97	0.95
50	1153	11.73	83.21	0.81
30	2331	23.71	125.21	0.60
10	8870	90.21	241.71	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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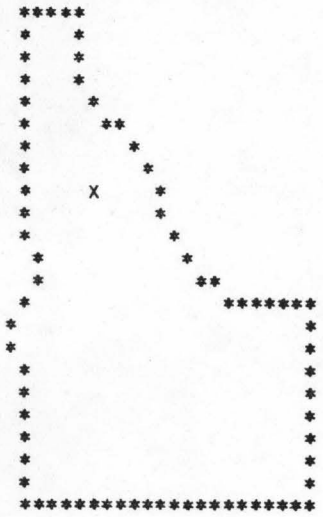
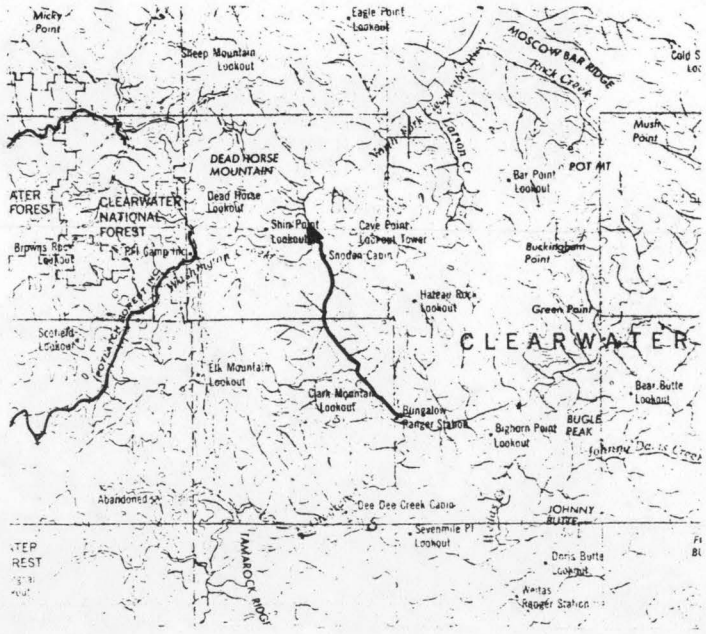
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 1CR0042

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N RC8E
D.	LATITUDE, LONGITUDE	46 39 115 28
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	81.7 TO 85.6

LOCATION MAPS

U.S. TOPO SERIES
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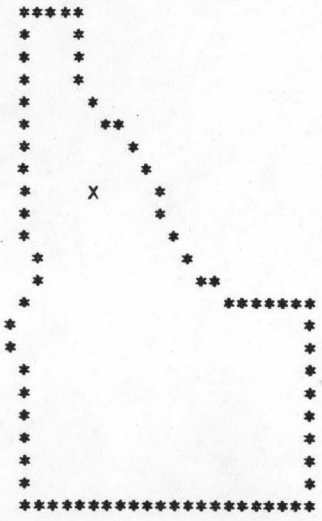
SCALE

MAP NAME
HAMILTON



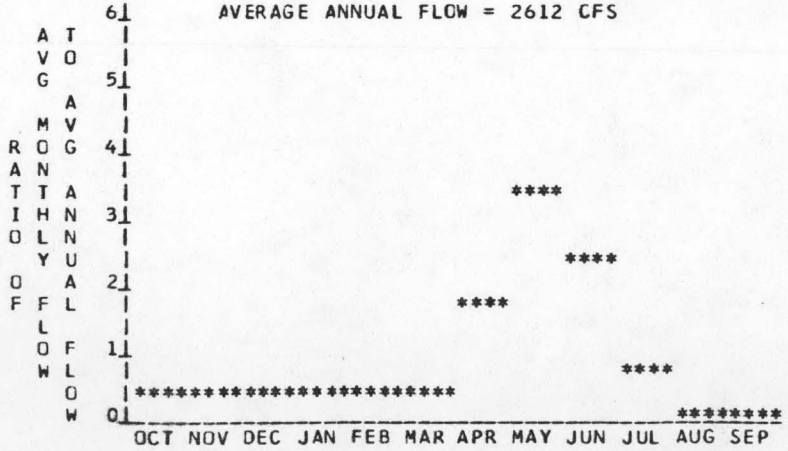
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

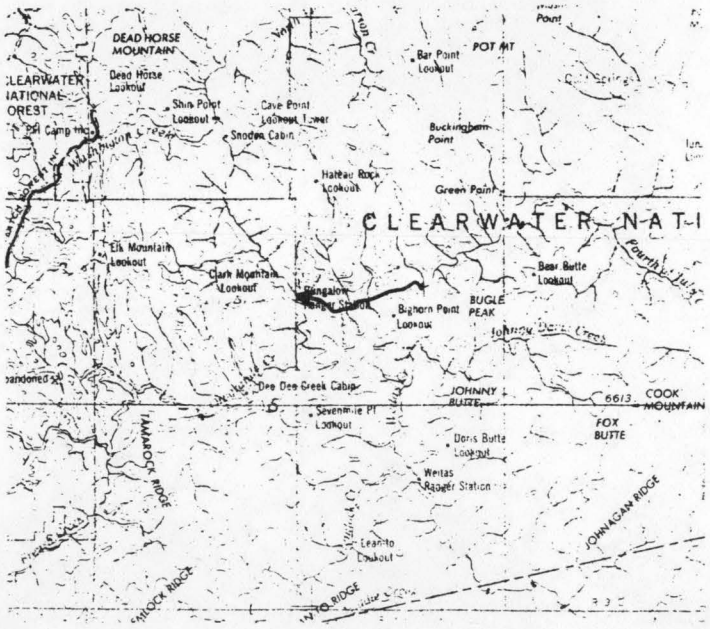
A.	UPSTREAM ELEVATION OF REACH	2320 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2240 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	20.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	904 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	350	2.38	20.77	1.00
80	562	3.81	31.74	0.95
50	1057	7.17	50.85	0.81
30	2139	14.50	76.56	0.60
10	8169	55.39	148.18	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400100R0050

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T39N R09E
D.	LATITUDE, LONGITUDE	46 43 115 19
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	85.6 TO 98.1

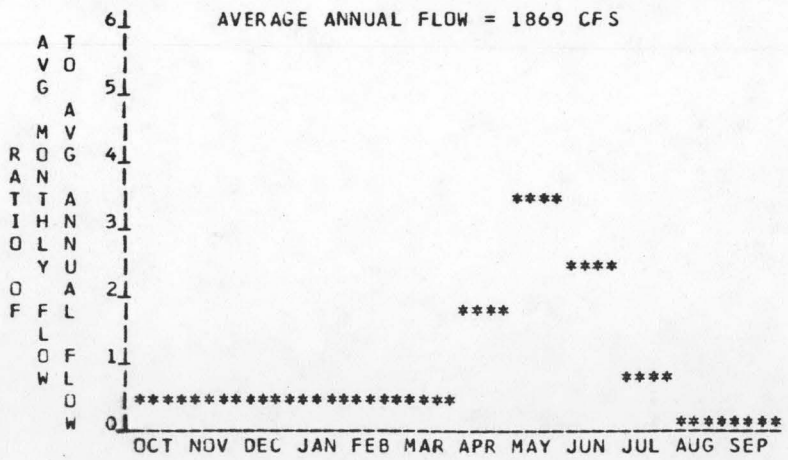
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2760 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	440 FT.
D.	AVERAGE SLOPE IN REACH	35.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	669 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	247	9.22	80.48	1.00
80	396	14.78	123.10	0.95
50	746	27.85	197.50	0.81
30	1517	56.58	298.17	0.60
10	5879	219.24	583.15	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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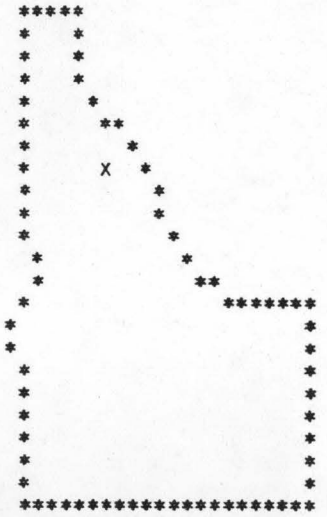
SCALE

MAP NAME
HAMILTON



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010R0052

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T40N R10E
D.	LATITUDE, LONGITUDE	46 49 115 10
E.	STREAM NAME	N.FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	98.1 TO 114.9

LOCATION MAPS

U.S. TOPO SERIES
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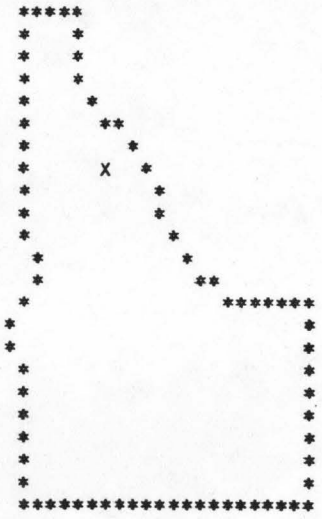
SCALE

MAP NAME
HAMILTON



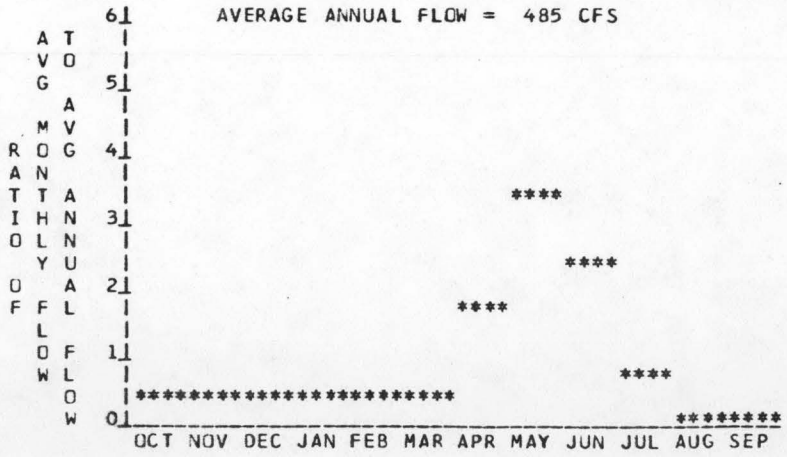
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

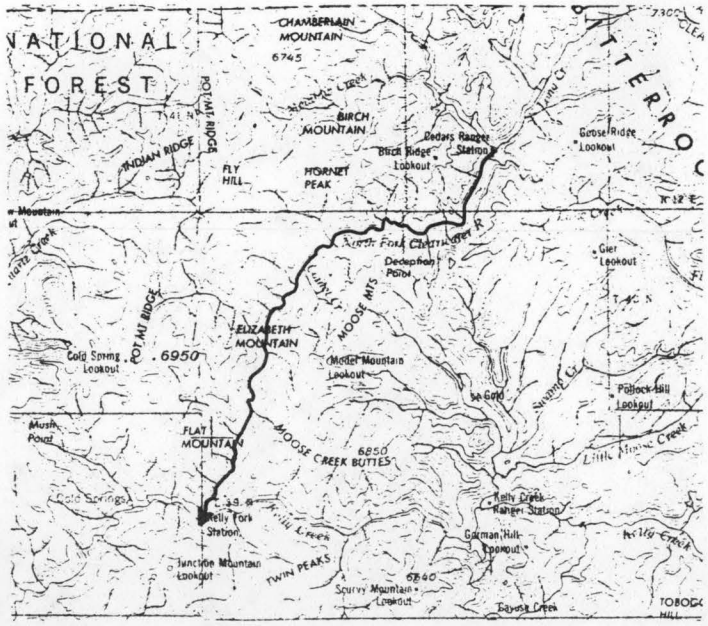
A.	UPSTREAM ELEVATION OF REACH	3640 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	880 FT.
D.	AVERAGE SLOPE IN REACH	52.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	202 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTUR
95	60	4.50	39.31	1.00
80	97	7.25	60.34	0.95
50	184	13.76	97.40	0.81
30	380	28.39	148.66	0.60
10	1564	116.68	303.35	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004001RC054

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE, CLEARWATER
C.	TOWNSHIP, RANGE	T41N R11E
D.	LATITUDE, LONGITUDE	46 55 115 7
E.	STREAM NAME	N. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	114.9 TO 119.4

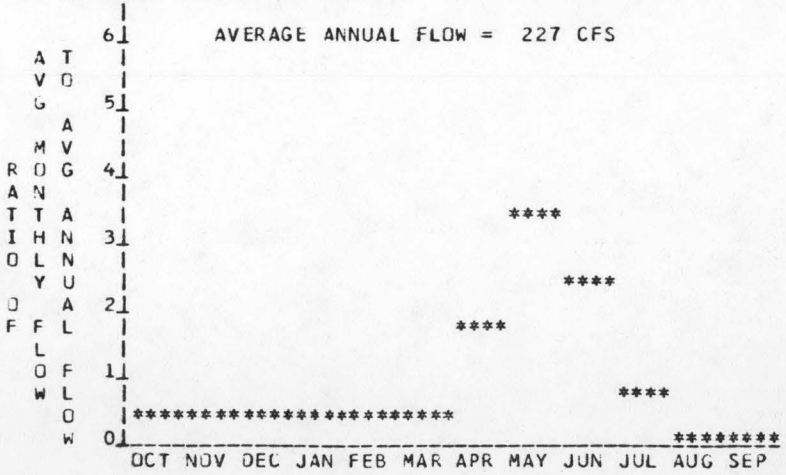
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4440 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3640 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	800 FT.
D.	AVERAGE SLOPE IN REACH	177.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	106 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	2.00	17.47	1.00
80	43	3.23	26.87	0.95
50	83	6.15	43.52	0.81
30	174	12.81	66.84	0.60
10	741	54.42	139.75	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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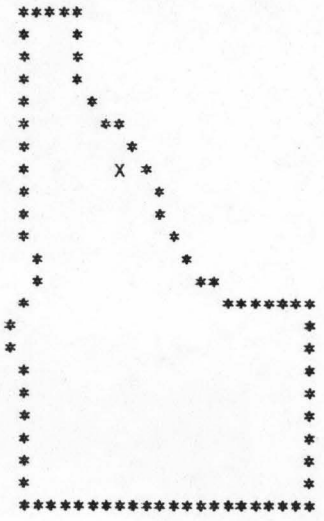
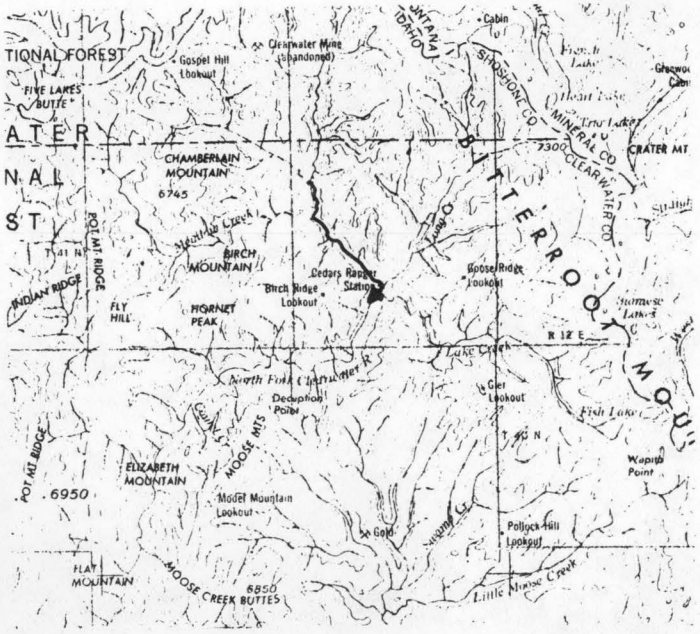
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 10R0004

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T39N R02E
D.	LATITUDE, LONGITUDE	46 43 116 10
E.	STREAM NAME	ELK CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 5.8

LOCATION MAPS

U.S. TOPO SERIES
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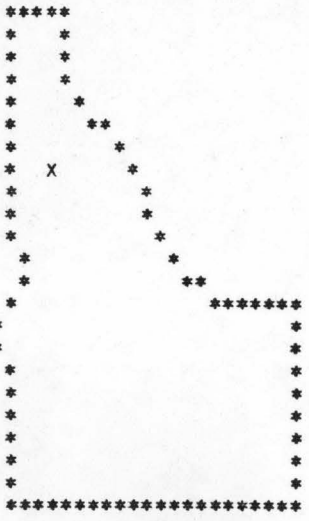
SCALE

MAP NAME
PULLMAN



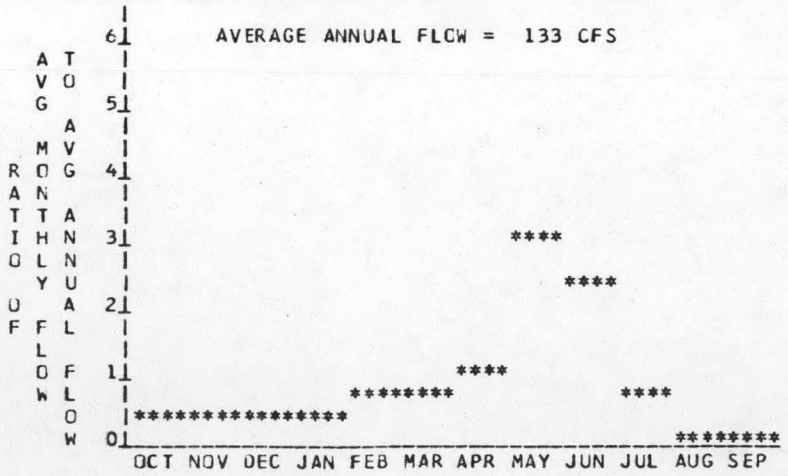
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

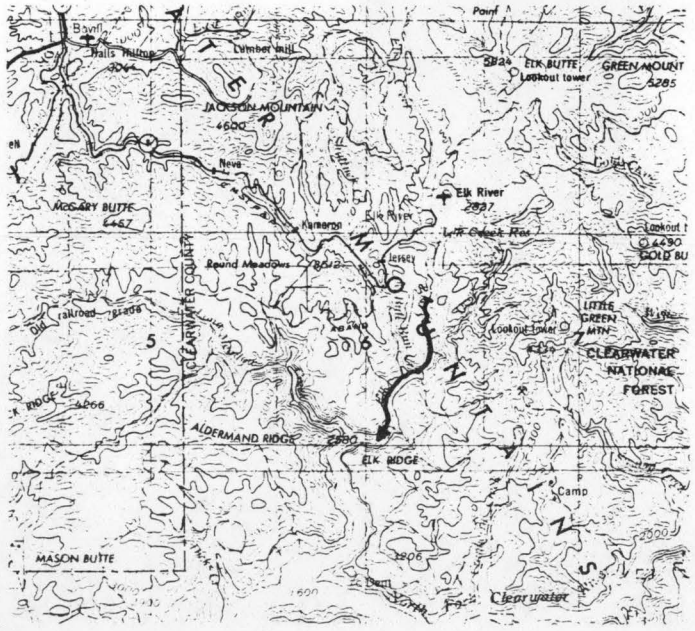
A.	UPSTREAM ELEVATION OF REACH	2760 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1160 FT.
D.	AVERAGE SLOPE IN REACH	200.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	115 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	1.62	14.13	1.00
80	25	2.61	21.76	0.95
50	48	5.00	35.34	0.81
30	100	10.47	54.52	0.59
10	438	45.56	115.99	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004001CR00C8

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N R04E
D.	LATITUDE, LONGITUDE	46 37 115 56
E.	STREAM NAME	REED CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 4.6

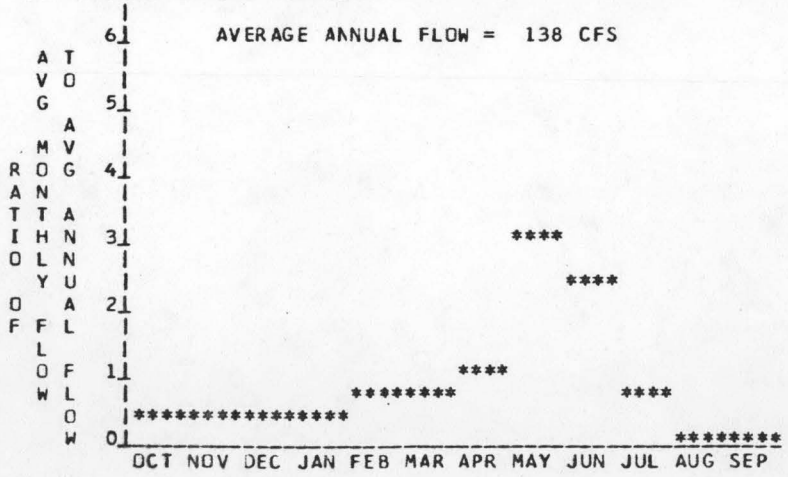
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2350 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	750 FT.
D.	AVERAGE SLOPE IN REACH	163.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	95 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	1.13	9.83	1.00
80	26	1.82	15.13	0.95
50	50	3.48	24.57	0.81
30	105	7.28	37.89	0.59
10	456	31.60	80.50	0.29

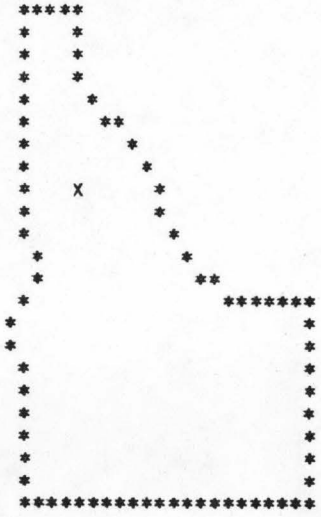
IV TYPICAL ANNUAL HYDROGRAPH

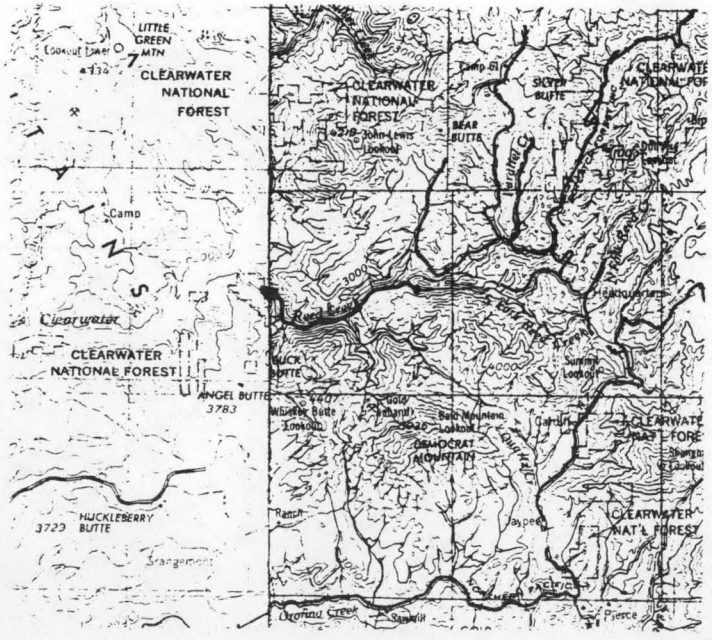


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010R0016

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER, SHOSHONE
C.	TOWNSHIP, RANGE	T41N R04E
D.	LATITUDE, LONGITUDE	46 55 116 0
E.	STREAM NAME	BREAKFAST CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 7.0

LOCATION MAPS

U.S. TOPO SERIES
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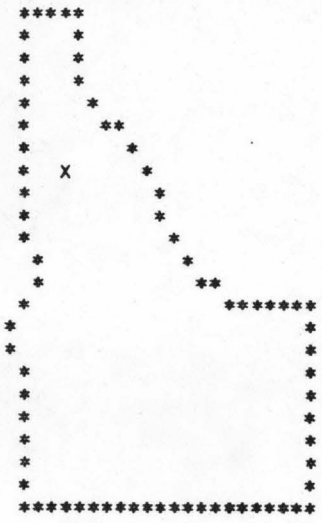
SCALE

MAP NAME
PULLMAN



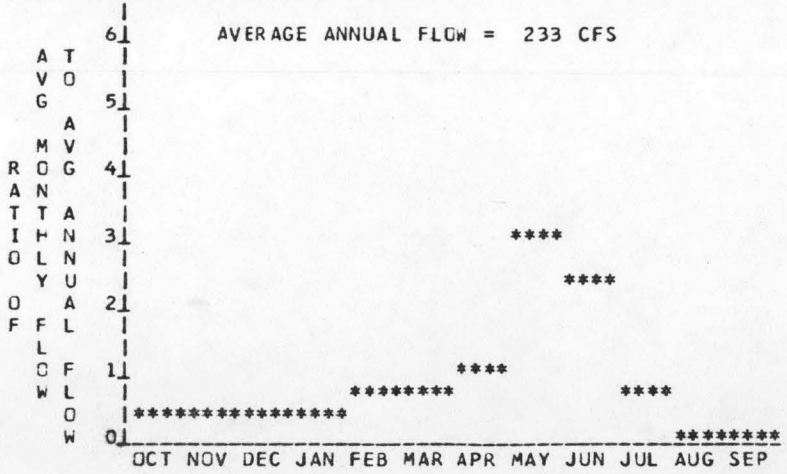
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

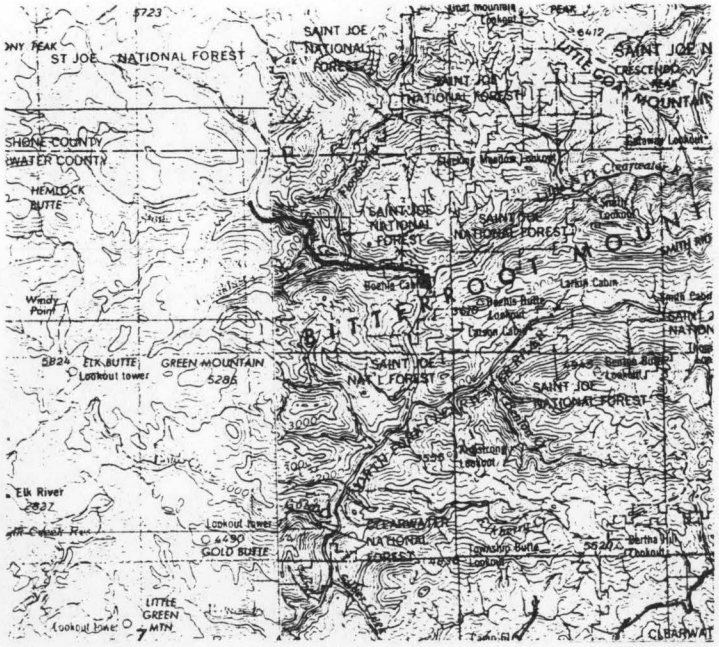
A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	640 FT.
D.	AVERAGE SLOPE IN REACH	91.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	126 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	28	1.68	14.64	1.00
80	45	2.71	22.52	0.95
50	86	5.16	36.48	0.81
30	179	10.73	56.01	0.60
10	761	45.55	117.00	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010R0020

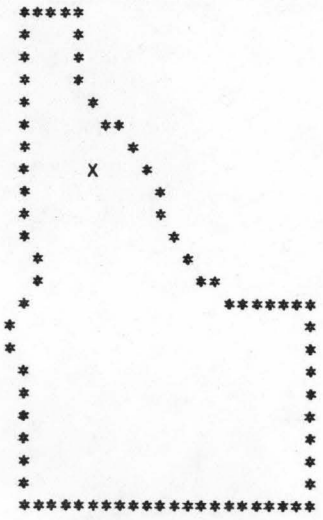
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE, CLEARWATER
C.	TOWNSHIP, RANGE	T42N R06E
D.	LATITUDE, LONGITUDE	46 58 115 40
E.	STREAM NAME	LIT.NO.FK.CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 15.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



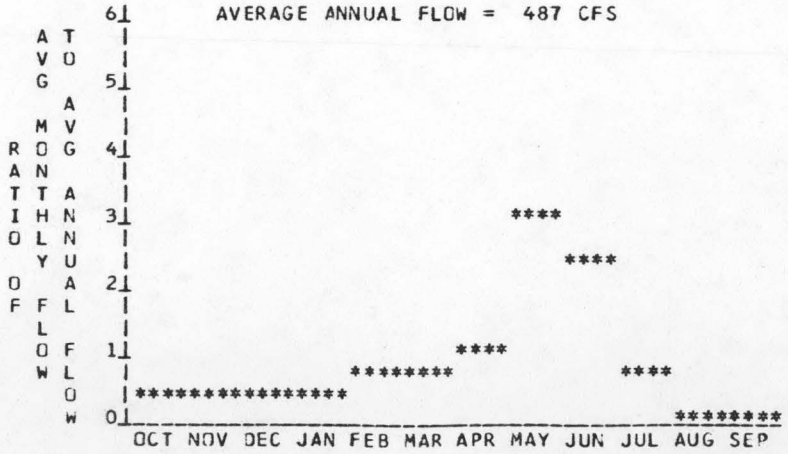
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

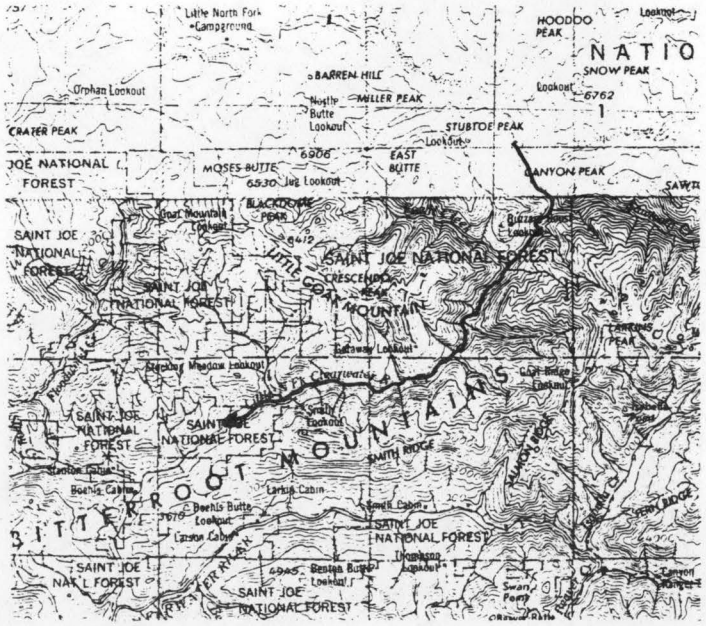
A.	UPSTREAM ELEVATION OF REACH	2800 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1200 FT.
D.	AVERAGE SLOPE IN REACH	76.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	261 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	6.17	53.84	1.00
80	97	9.93	82.64	0.95
50	185	18.84	133.41	0.81
30	382	38.88	203.61	0.60
10	1571	159.78	415.43	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC4C01CR0022

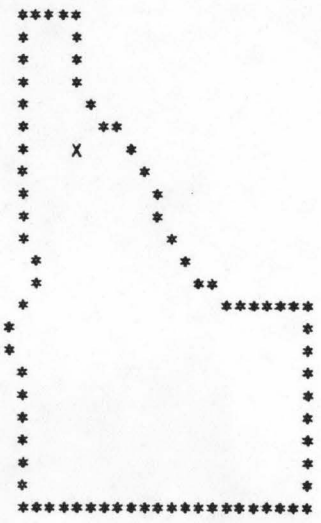
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	SHOSHONE
C.	TOWNSHIP, RANGE	T43N R06E
D.	LATITUDE, LONGITUDE	47 3 115 45
E.	STREAM NAME	LIT.NO.FK.CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	15.7 TO 23.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
WALLACE



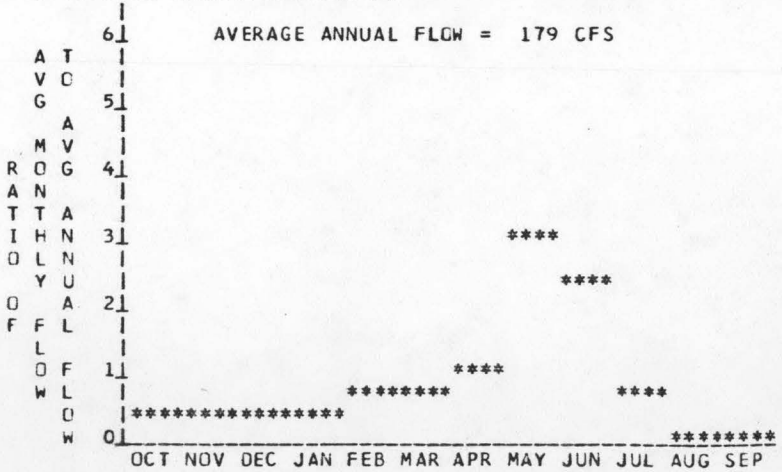
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	800 FT.
D.	AVERAGE SLOPE IN REACH	101.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	94 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	1.56	13.63	1.00
80	34	2.52	20.97	0.95
50	65	4.81	34.01	0.81
30	136	10.04	52.34	0.60
10	587	43.11	110.28	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010R0026

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T40N R06E
D.	LATITUDE, LONGITUDE	46 48 115 40
E.	STREAM NAME	BEAVER CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.0

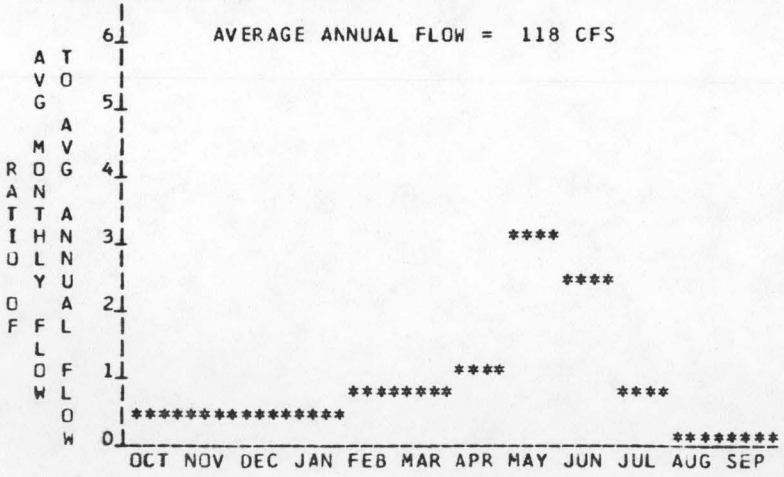
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2200 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1680 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	520 FT.
D.	AVERAGE SLOPE IN REACH	173.3 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	13	0.68	5.96	1.00
80	22	1.10	9.19	0.95
50	42	2.11	14.93	0.81
30	89	4.43	23.04	0.59
10	389	19.37	49.22	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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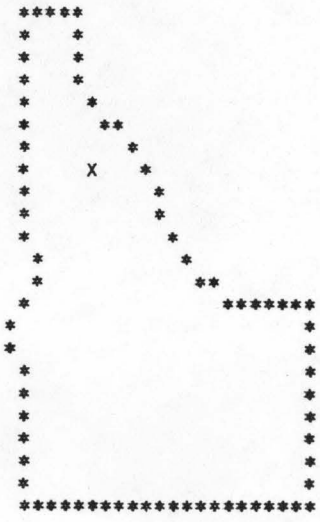
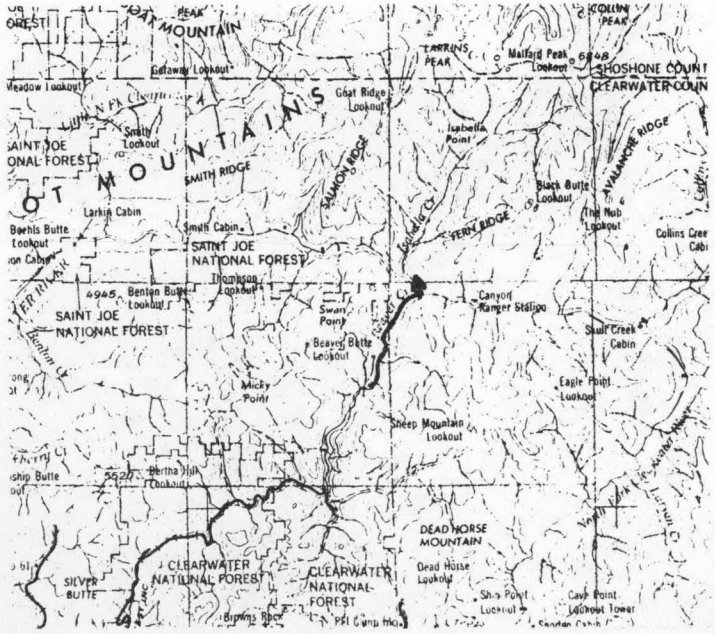
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C02400400010R0028

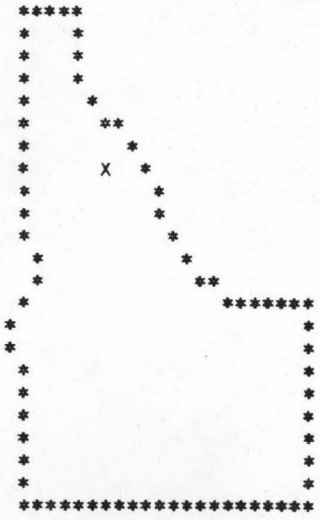
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T41N R08E
D.	LATITUDE, LONGITUDE	46 52 115 24
E.	STREAM NAME	SKULL CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.8

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



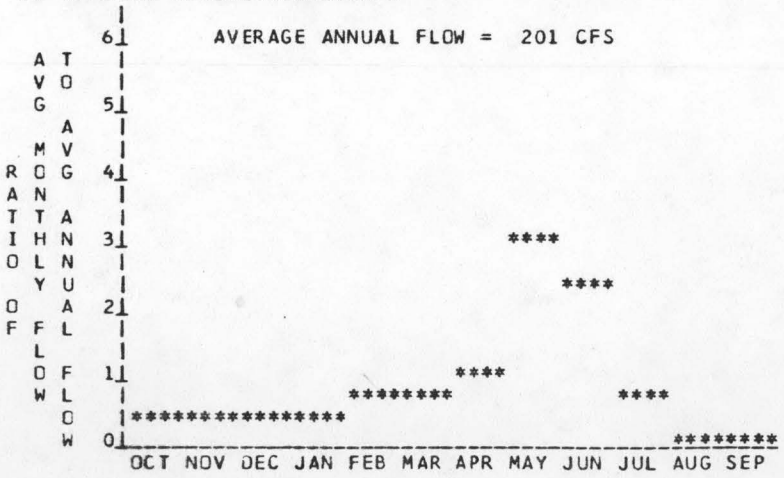
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

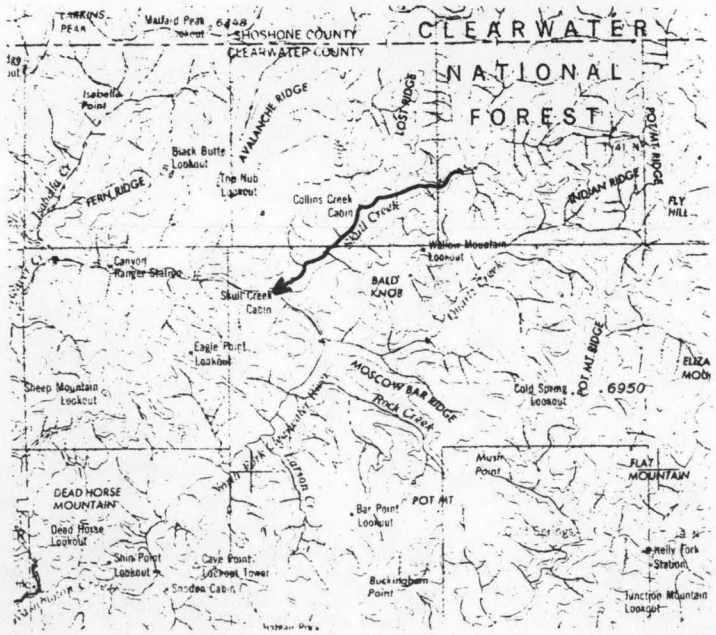
A.	UPSTREAM ELEVATION OF REACH	2240 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1820 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	420 FT.
D.	AVERAGE SLOPE IN REACH	110.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	86 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	24	0.99	8.65	1.00
80	38	1.60	13.30	0.95
50	74	3.05	21.56	0.81
30	154	6.35	33.14	0.60
10	659	27.14	69.56	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

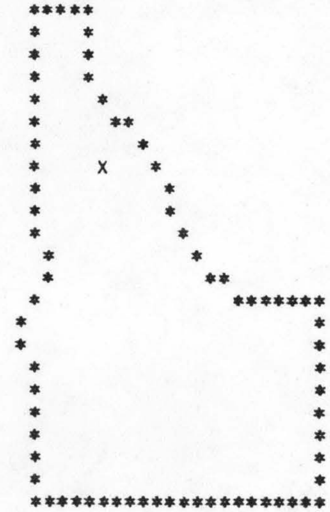
REACH NUMBER 035002400400ICR0032

I LOCATION
- A. STATE — IDAHO
- B. COUNTY — CLEARWATER
- C. TOWNSHIP, RANGE — T40N R08E
- D. LATITUDE, LONGITUDE — 46 48 115 26
- E. STREAM NAME — QUARTZ CREEK
- F. MAJOR BASIN NAME — CLEARWATER RIVER
- G. RIVER MILE — 0.0 TO 3.1

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS
- A. UPSTREAM ELEVATION OF REACH — 2400 FT. MSL
- B. DOWNSTREAM ELEVATION OF REACH — 1840 FT. MSL
- C. TOTAL AVAILABLE HEAD IN REACH — 560 FT.
- D. AVERAGE SLOPE IN REACH — 180.6 FT./MI.
- E. DRAINAGE AREA ABOVE REACH MOUTH — 42 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	0.68	5.90	1.00
80	20	1.09	9.09	0.95
50	39	2.09	14.78	0.81
30	82	4.39	22.84	0.59
10	363	19.26	48.89	0.29

IV TYPICAL ANNUAL HYDROGRAPH

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        I
       6I         AVERAGE ANNUAL FLOW =  109 CFS
  A T   I
  V O   I
  G    5I
    A   I
  M V   I
R O G  4I
A N     I
T T A   I
I H N  3I                       ****
O L N   I
  Y U   I                          ****
O   A  2I
F F L   I
  L     I
  O F  1I                    ****
  W L   I              ********       ****
    O   I****************
    W  0I____________________________________________********
        OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP
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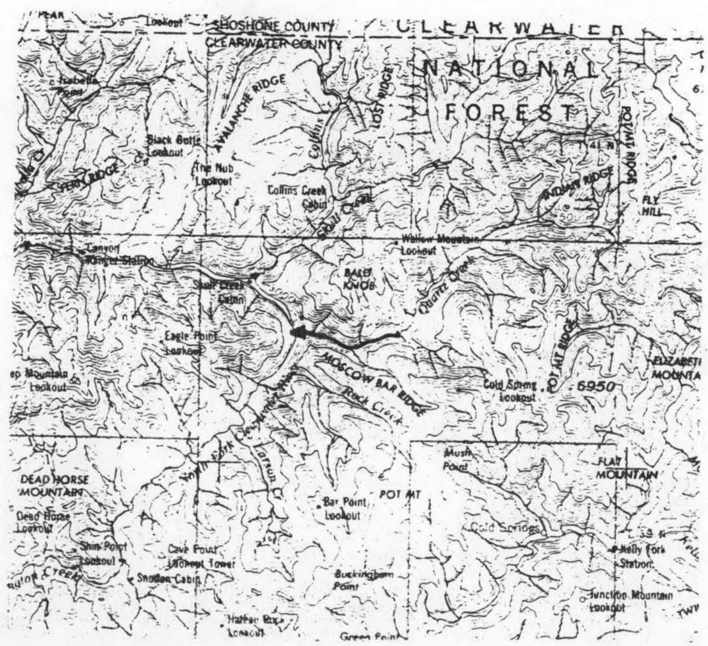


REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240040010R0040

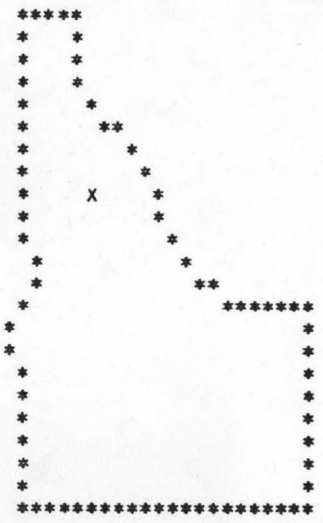
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T37N R07E
D.	LATITUDE, LONGITUDE	46 35 115 35
E.	STREAM NAME	OROGRANDE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 5.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



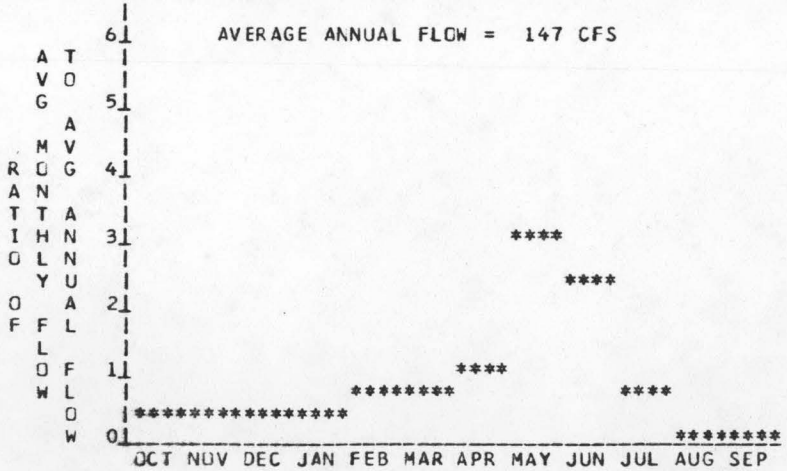
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

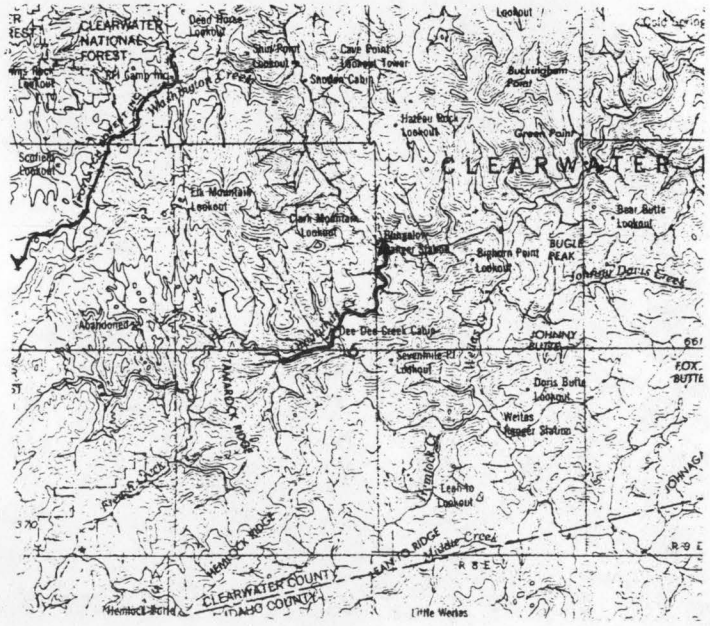
A.	UPSTREAM ELEVATION OF REACH	2800 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2240 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	560 FT.
D.	AVERAGE SLOPE IN REACH	100.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	90 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	17	0.92	8.05	1.00
80	28	1.49	12.40	0.95
50	53	2.85	20.12	0.81
30	112	5.95	31.01	0.59
10	486	25.78	65.76	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024004001CR0044

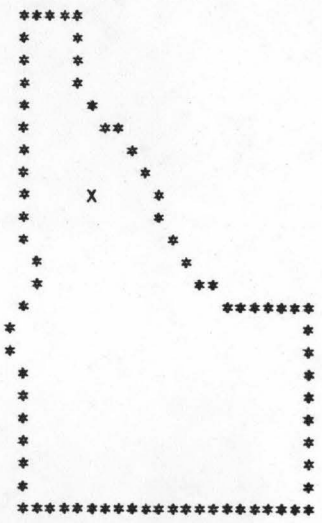
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T37N R08E
D.	LATITUDE, LONGITUDE	46 34 115 26
E.	STREAM NAME	WEITAS CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 11.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



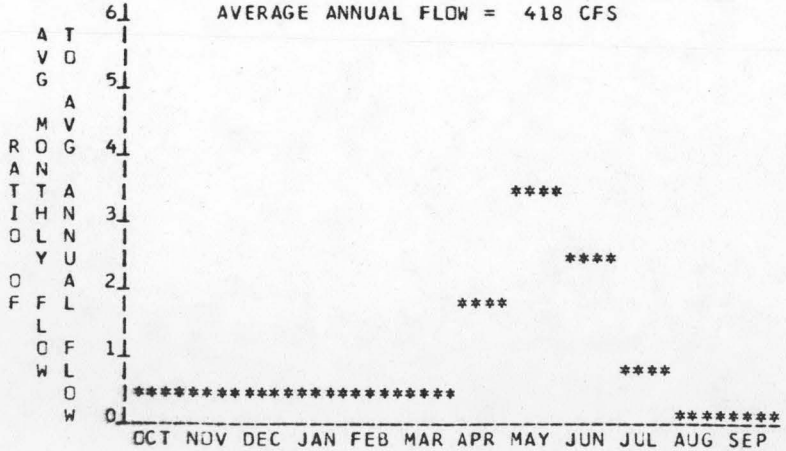
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

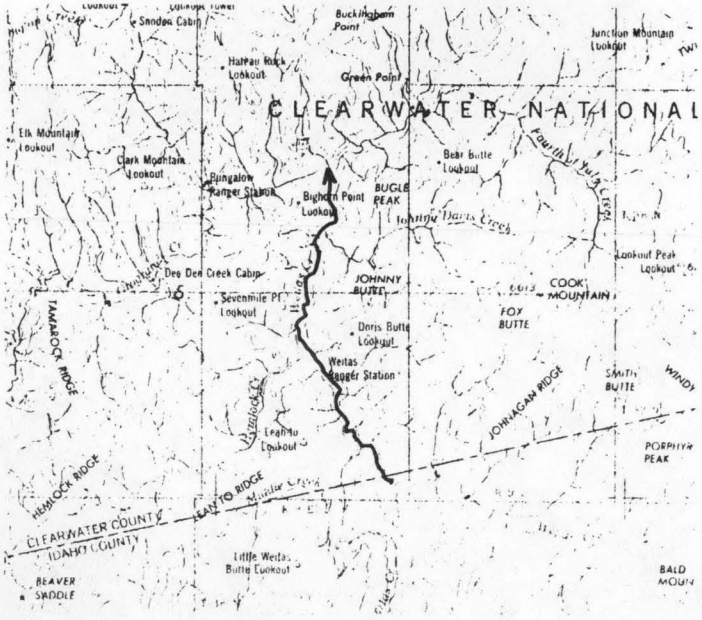
A.	UPSTREAM ELEVATION OF REACH	2940 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	620 FT.
D.	AVERAGE SLOPE IN REACH	54.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	219 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	51	2.71	23.69	1.00
80	83	4.37	36.37	0.95
50	157	8.30	58.76	0.81
30	326	17.16	89.79	0.60
10	1351	70.99	184.10	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004C010R0C46

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T37N R09E
D.	LATITUDE, LONGITUDE	46 30 115 18
E.	STREAM NAME	WEITAS CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	11.3 TO 14.3

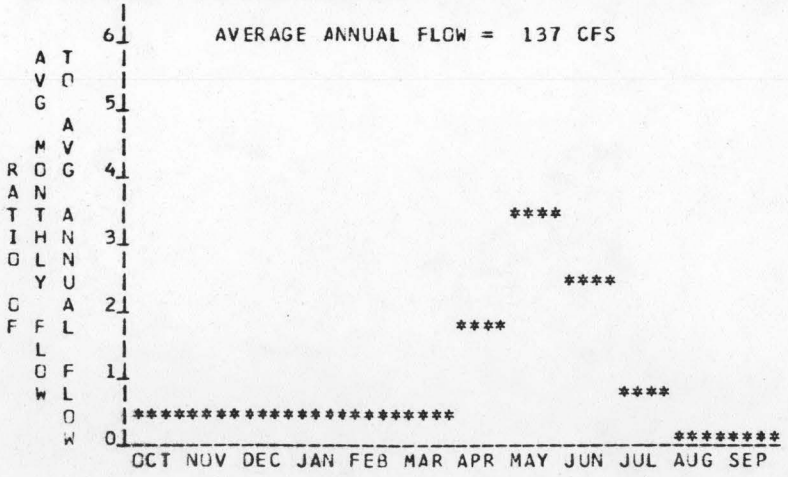
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2940 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	220 FT.
D.	AVERAGE SLOPE IN REACH	73.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	109 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	0.39	3.40	1.00
80	25	0.63	5.23	0.95
50	49	1.20	8.50	0.81
30	103	2.52	13.10	0.59
10	451	10.93	27.85	0.29

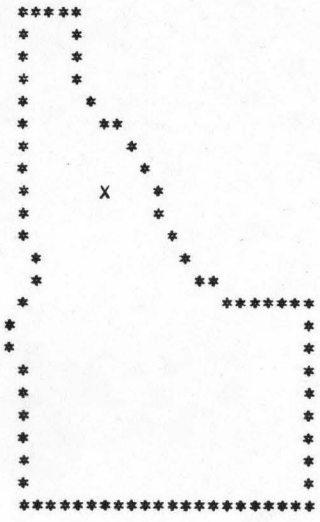
IV TYPICAL ANNUAL HYDROGRAPH

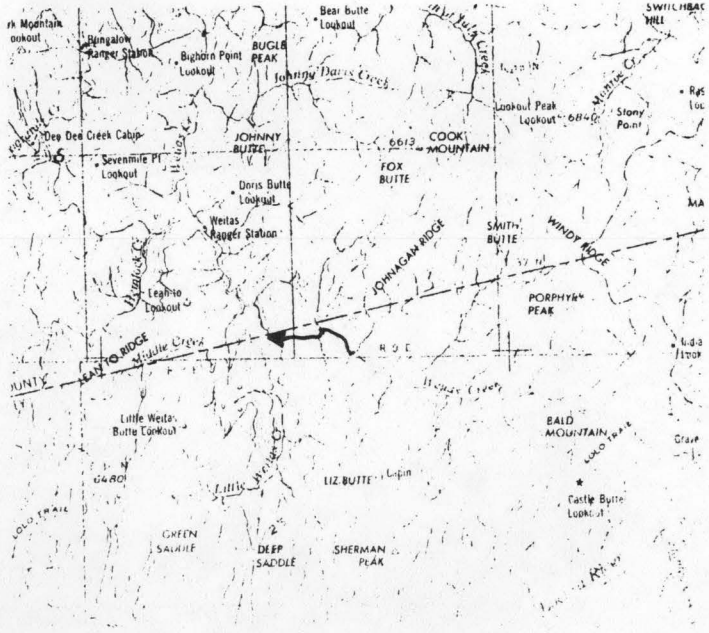


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350240040010R0048

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N R09E
D.	LATITUDE, LONGITUDE	46 38 115 17
E.	STREAM NAME	FOURTH OF JULY CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 2.5

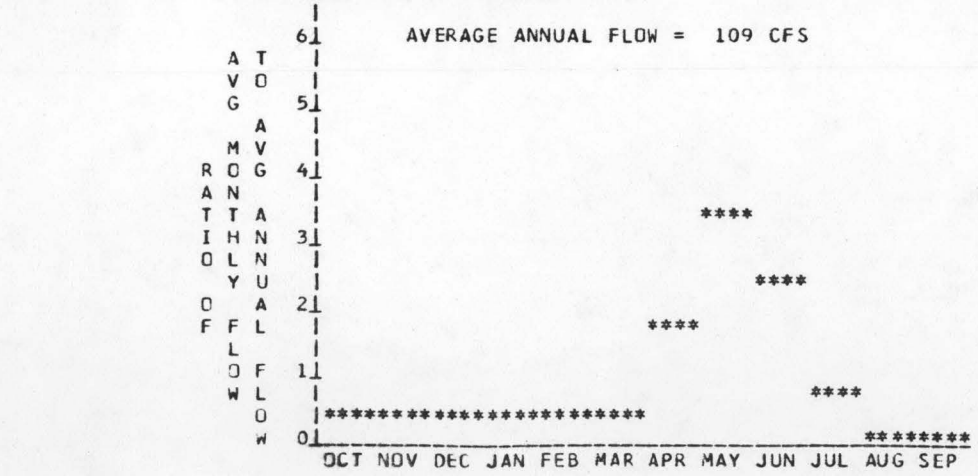
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2520 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	144.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	43 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	0.46	4.02	1.00
80	20	0.74	6.20	0.95
50	39	1.43	10.07	0.81
30	82	2.99	15.56	0.59
10	363	13.12	33.31	0.29

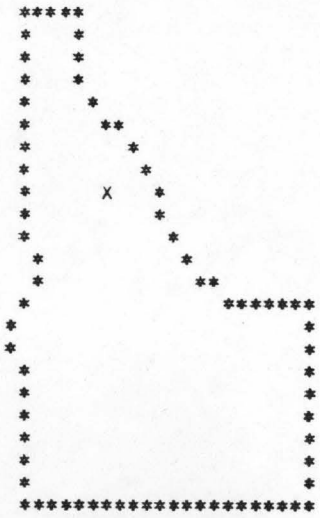
IV TYPICAL ANNUAL HYDROGRAPH

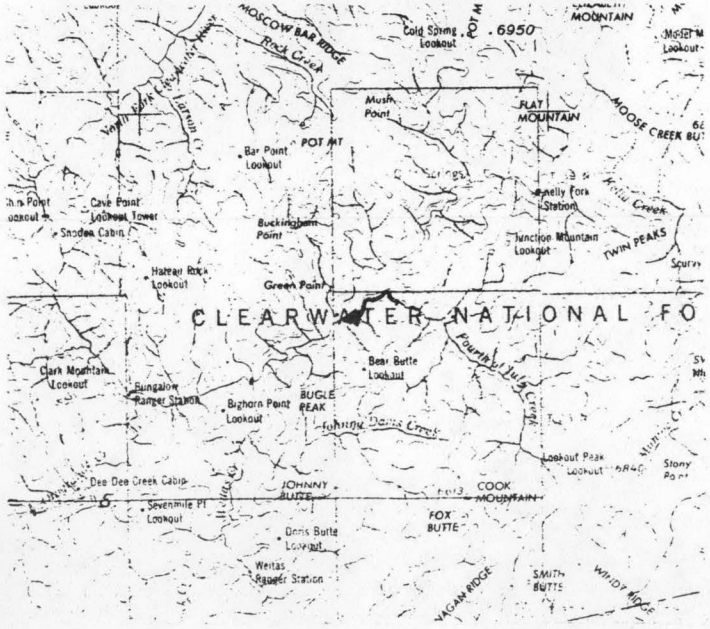


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400l0R0056

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T39N R10E
D.	LATITUDE, LONGITUDE	46 43 115 10
E.	STREAM NAME	KELLY CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 13.5

LOCATION MAPS

U.S. TOPO SERIES
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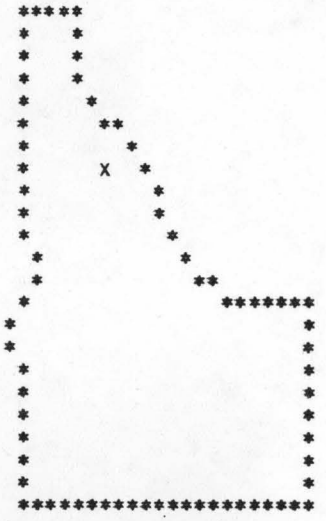
SCALE

MAP NAME
HAMILTON



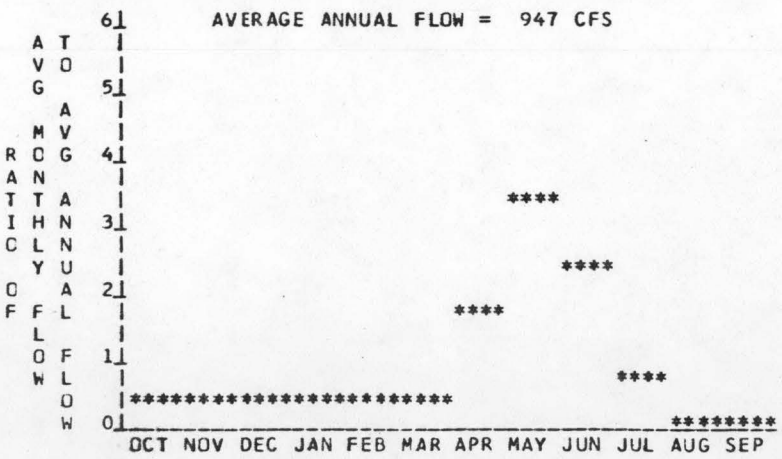
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

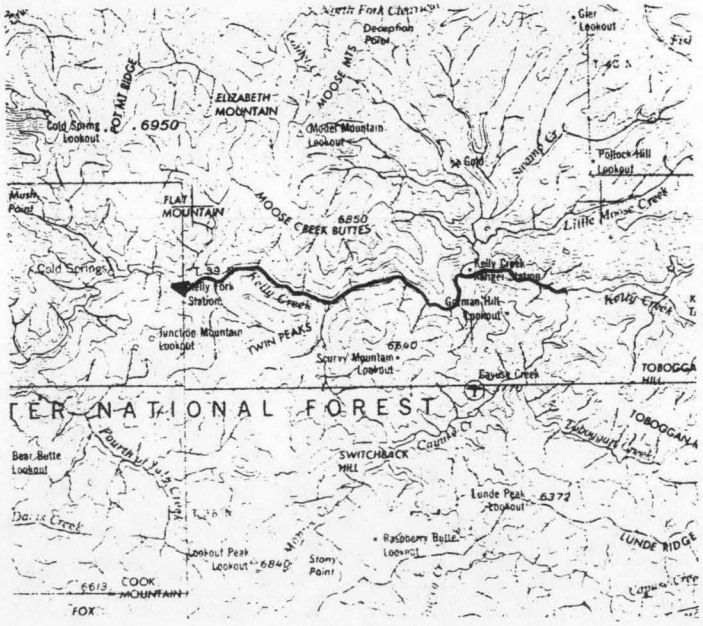
A.	UPSTREAM ELEVATION OF REACH	3280 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	520 FT.
D.	AVERAGE SLOPE IN REACH	38.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	376 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	121	5.35	46.74	1.00
80	195	8.60	71.61	0.95
50	369	16.26	115.25	0.81
30	755	33.30	174.96	0.60
10	3016	132.95	349.53	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 10R0058

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T39N R12E
D.	LATITUDE, LONGITUDE	46 42 114 56
E.	STREAM NAME	KELLY CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	13.5 TO 19.1

LOCATION MAPS

U.S. TOPO SERIES
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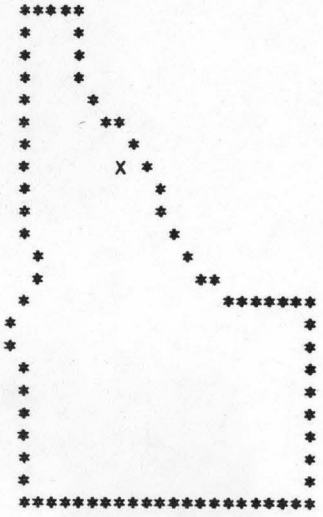
SCALE

MAP NAME
HAMILTON



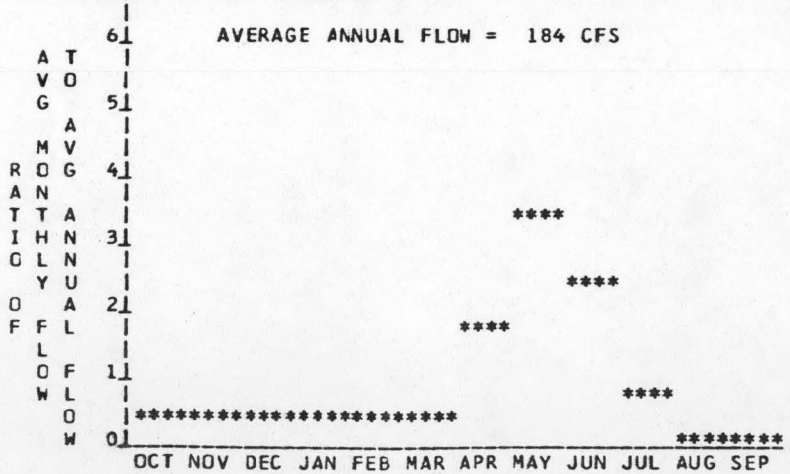
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

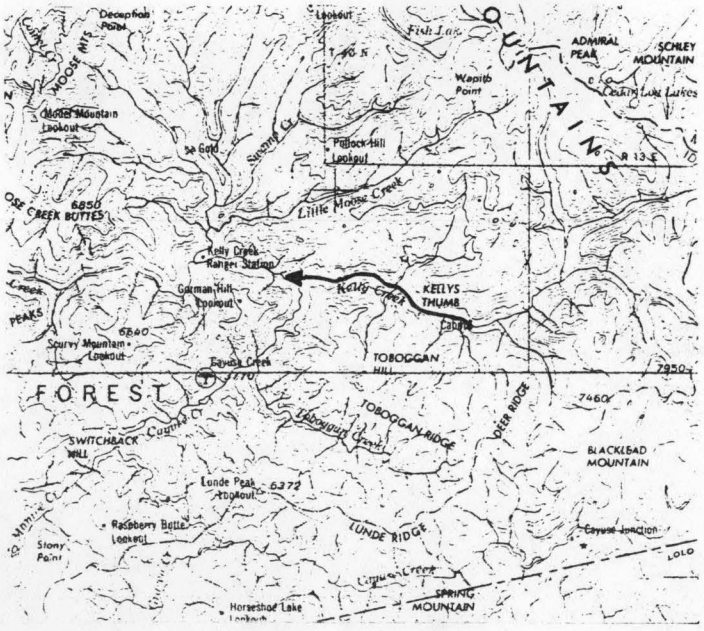
A.	UPSTREAM ELEVATION OF REACH	3720 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3280 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	440 FT.
D.	AVERAGE SLOPE IN REACH	78.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	89 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	21	0.94	8.20	1.00
80	35	1.52	12.62	0.95
50	67	2.89	20.46	0.81
30	140	6.04	31.48	0.60
10	603	25.89	66.26	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004001OR0060

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N R11E
D.	LATITUDE, LONGITUDE	46 39 115 5
E.	STREAM NAME	CAYUSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 13.3

LOCATION MAPS

U.S. TOPO SERIES
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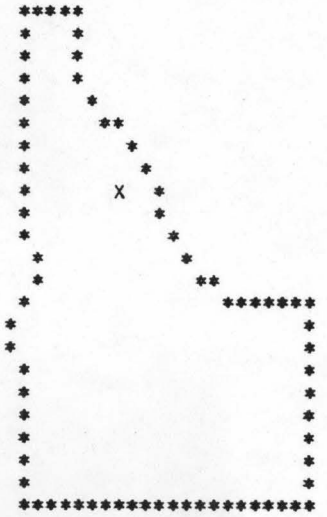
SCALE

MAP NAME
HAMILTON



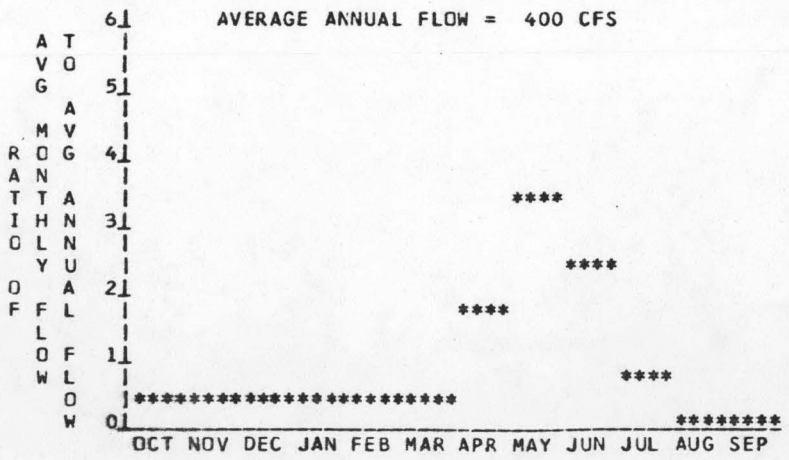
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

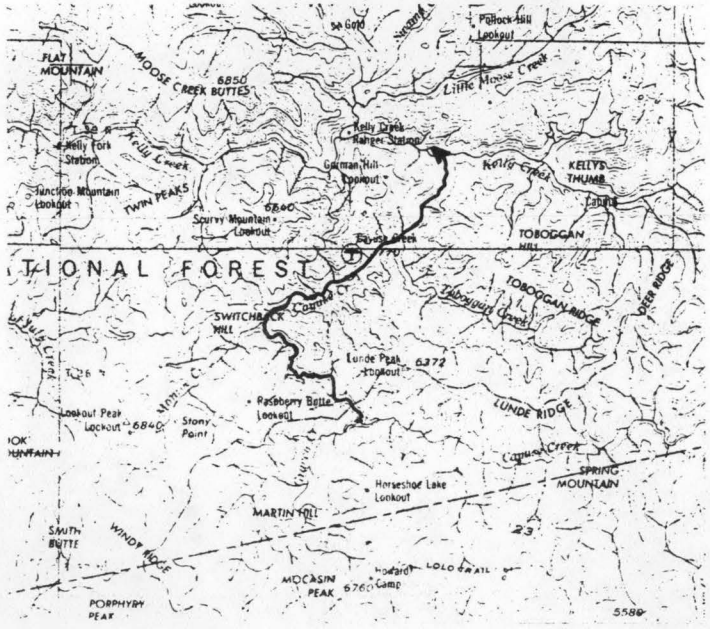
A.	UPSTREAM ELEVATION OF REACH	3920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3280 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	640 FT.
D.	AVERAGE SLOPE IN REACH	48.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	168 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	49	2.68	23.38	1.00
80	79	4.31	35.90	0.95
50	151	8.20	58.01	0.81
30	312	16.95	88.68	0.60
10	1295	70.25	182.07	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040010RC062

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T38N R12E
D.	LATITUDE, LONGITUDE	46 36 115 2
E.	STREAM NAME	CAYUSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	13.3 TO 18.7

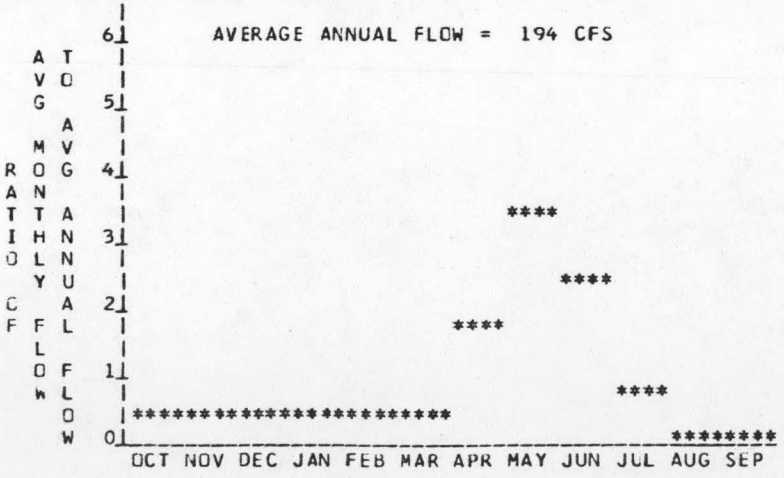
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4440 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3920 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	520 FT.
D.	AVERAGE SLOPE IN REACH	96.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	95 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	1.15	10.06	1.00
80	37	1.86	15.48	0.95
50	71	3.55	25.09	0.81
30	148	7.40	38.59	0.60
10	637	31.65	81.08	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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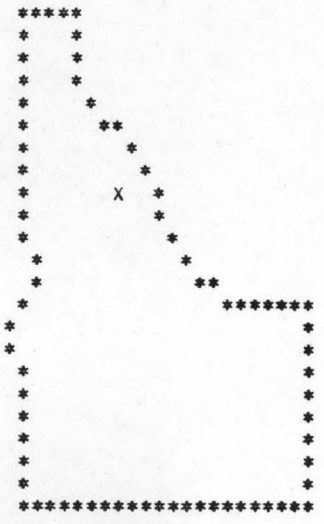
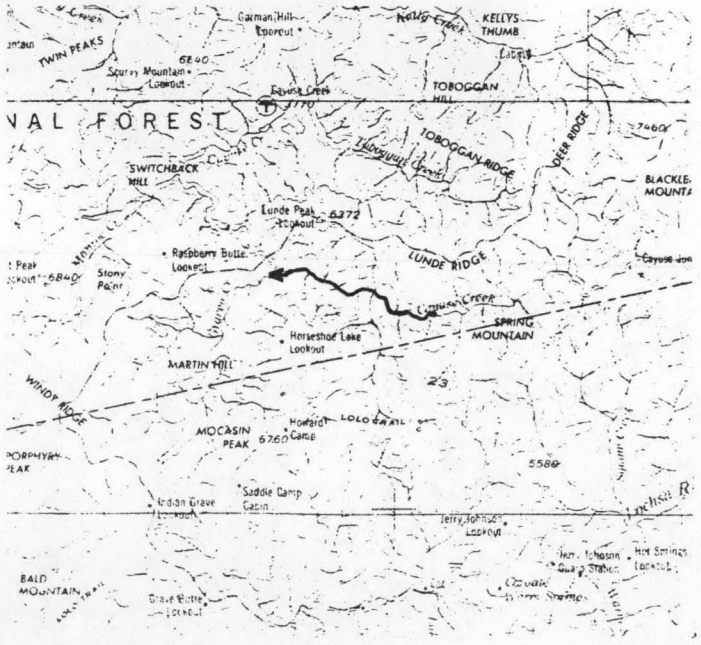
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400012R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	CLEARWATER
C.	TOWNSHIP, RANGE	T37N R03E
D.	LATITUDE, LONGITUDE	46 30 116 5
E.	STREAM NAME	OROFINO CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 12.8

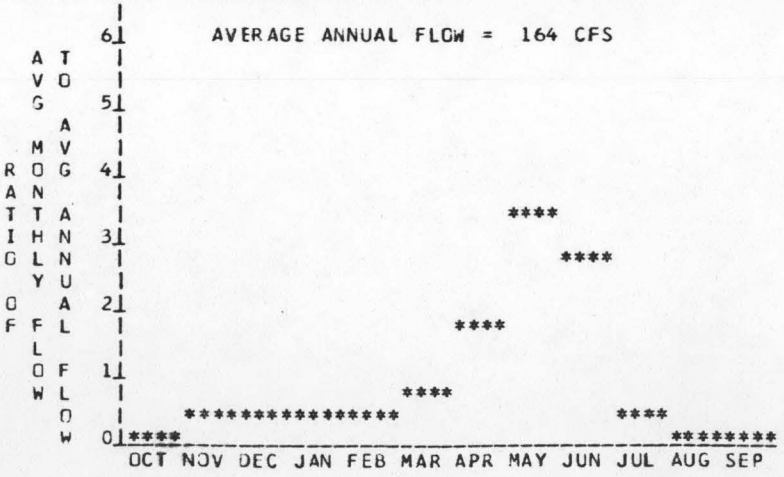
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1990 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	995 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	995 FT.
D.	AVERAGE SLOPE IN REACH	77.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	206 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	19	1.75	15.30	1.00
80	31	2.83	23.54	0.95
50	60	5.40	38.20	0.81
30	125	11.29	58.82	0.59
10	540	48.64	124.26	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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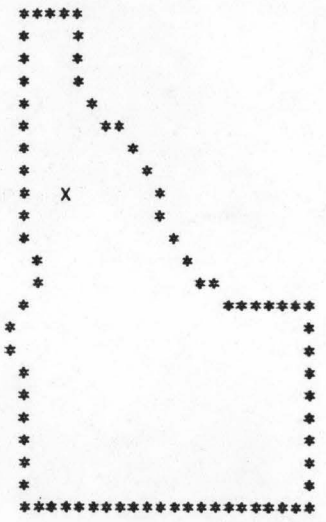
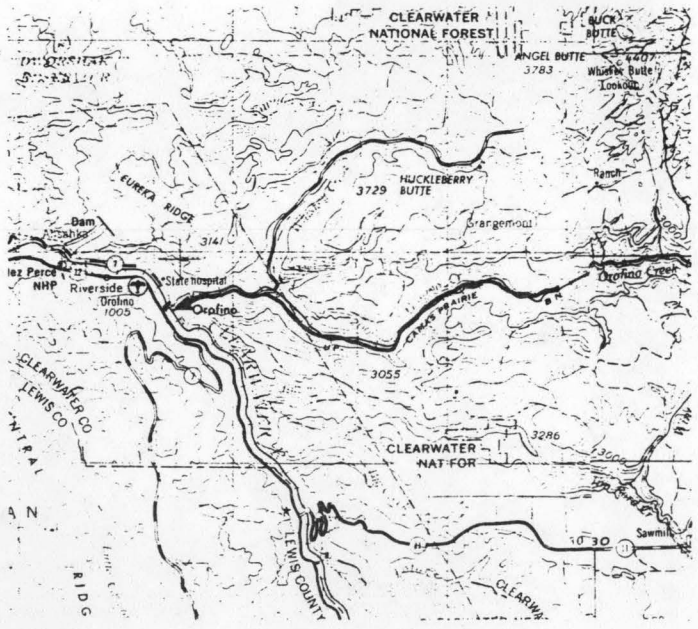
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040014R0002

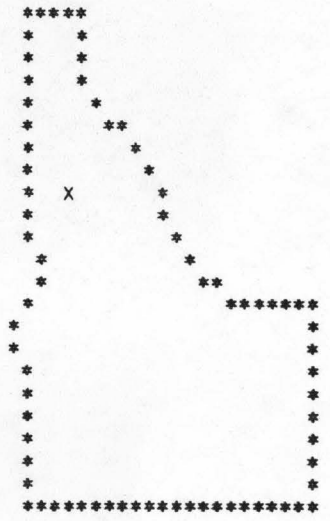
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO, CLEARWATER
C.	TOWNSHIP, RANGE	T35N R03E
D.	LATITUDE, LONGITUDE	46 20 116 5
E.	STREAM NAME	LOLO CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 25.6

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
PULLMAN



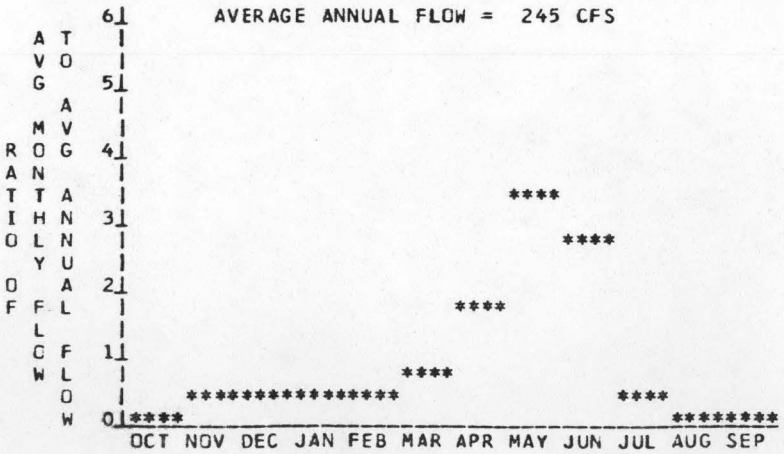
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

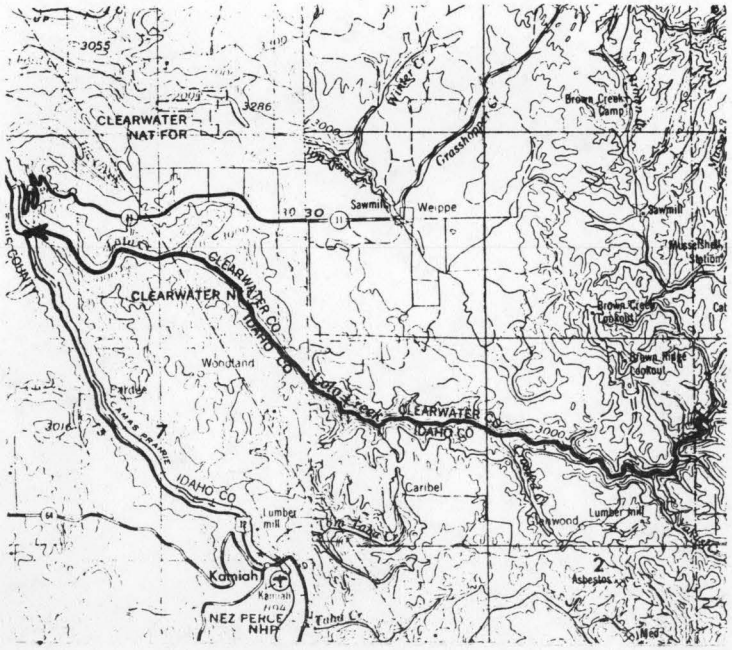
A.	UPSTREAM ELEVATION OF REACH	2840 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1050 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1790 FT.
D.	AVERAGE SLOPE IN REACH	69.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	247 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	4.48	39.12	1.00
80	47	7.23	60.15	0.95
50	90	13.77	97.40	0.81
30	188	28.63	149.49	0.60
10	799	121.28	311.80	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C040014R0004

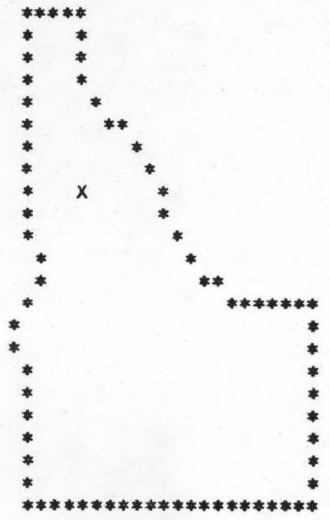
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO, CLEARWATER
C.	TOWNSHIP, RANGE	T35N R06E
D.	LATITUDE, LONGITUDE	46 20 115 45
E.	STREAM NAME	LOLO CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	25.6 TO 26.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



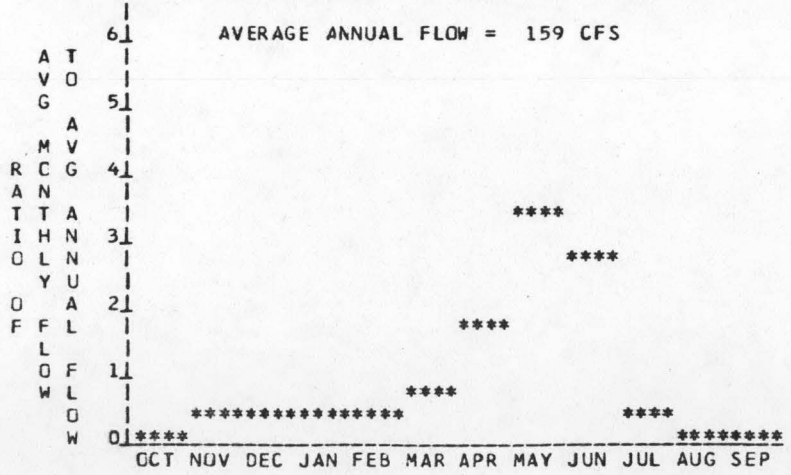
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

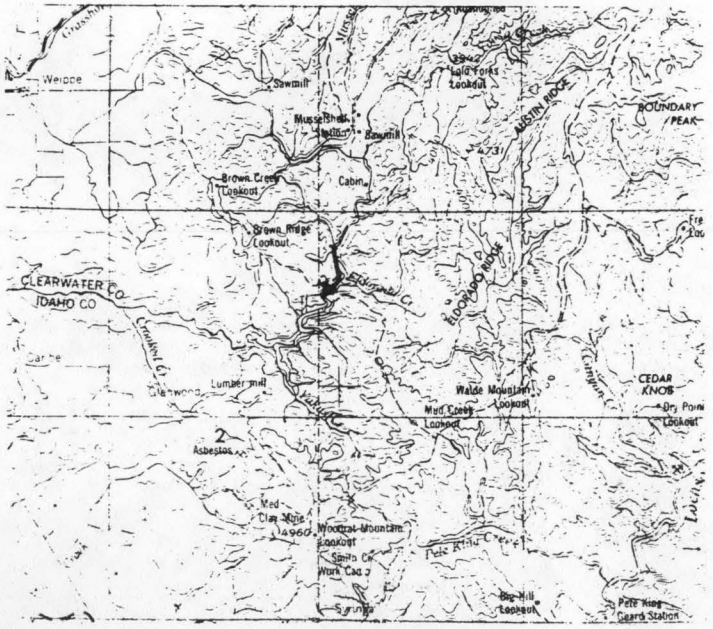
A.	UPSTREAM ELEVATION OF REACH	2960 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2840 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	109.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	147 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	18	0.30	2.59	1.00
80	30	0.48	3.99	0.95
50	58	0.92	6.47	0.81
30	121	1.91	9.97	0.59
10	523	8.26	21.09	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400C20R0240

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R05E
D.	LATITUDE, LONGITUDE	46 12 115 50
E.	STREAM NAME	MID FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 22.6

LOCATION MAPS

U.S. TOPO SERIES
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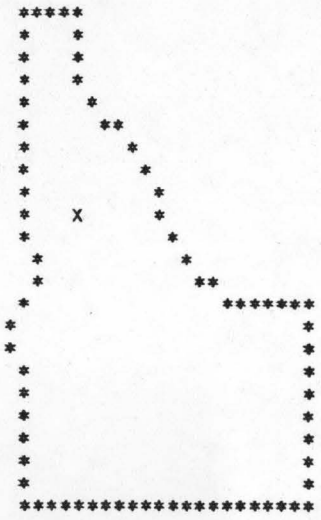
SCALE

MAP NAME
HAMILTON



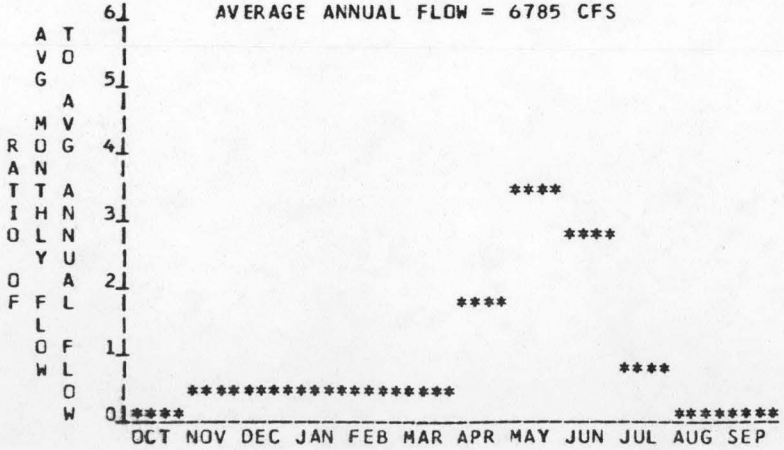
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

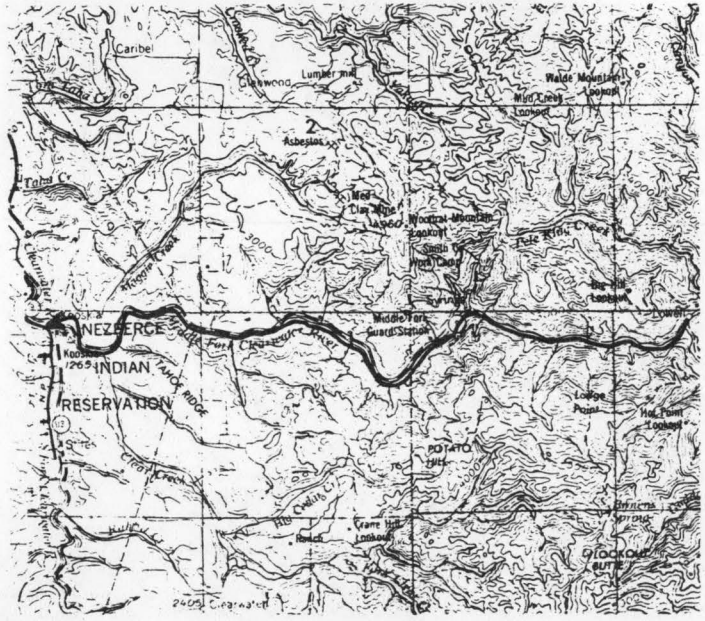
A.	UPSTREAM ELEVATION OF REACH	1448 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1230 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	218 FT.
D.	AVERAGE SLOPE IN REACH	9.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	3399 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	952	17.60	153.62	1.00
80	1521	28.12	234.23	0.95
50	2846	52.59	373.59	0.81
30	5698	105.28	558.20	0.61
10	20869	385.55	1049.24	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004002CR0010

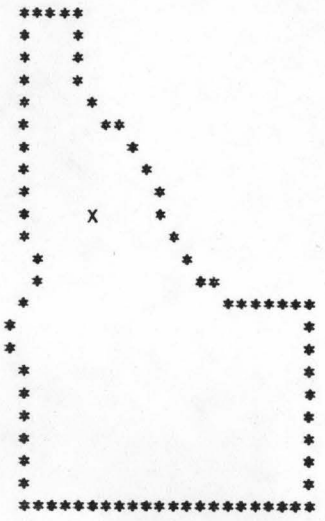
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T33N R08E
D.	LATITUDE, LONGITUDE	46 14 115 27
E.	STREAM NAME	LOCHSA RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 22.5

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



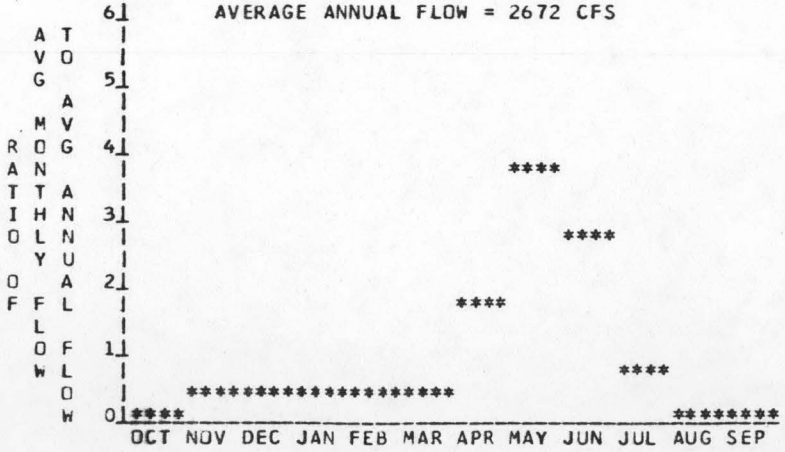
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1990 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1448 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	542 FT.
D.	AVERAGE SLOPE IN REACH	24.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1181 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	359	16.51	144.10	1.00
80	575	26.44	220.23	0.95
50	1082	49.72	352.75	0.81
30	2190	100.59	531.03	0.60
10	8354	383.74	1027.10	0.31

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024C040020R0020

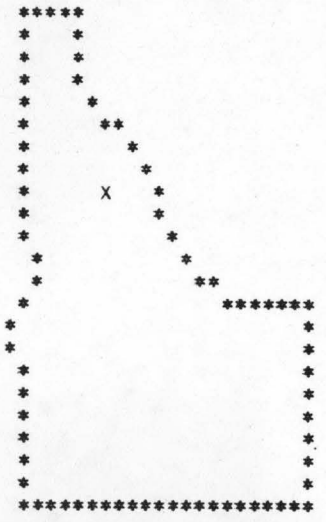
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T35N R10E
D.	LATITUDE, LONGITUDE	46 23 115 15
E.	STREAM NAME	LOCHSA RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	22.5 TO 37.0

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON



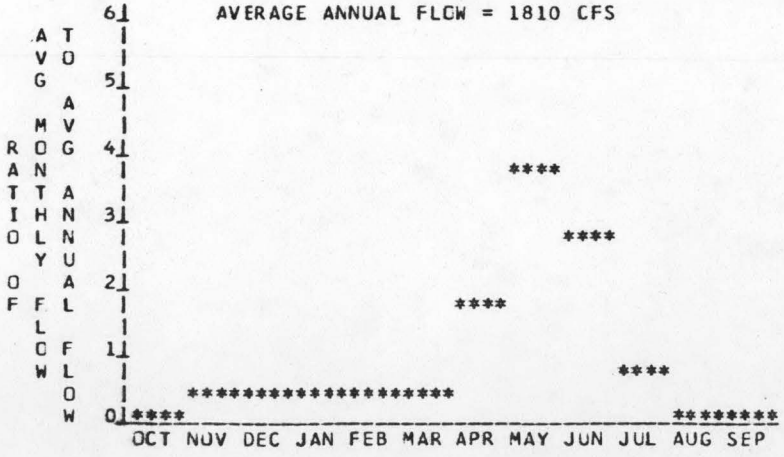
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

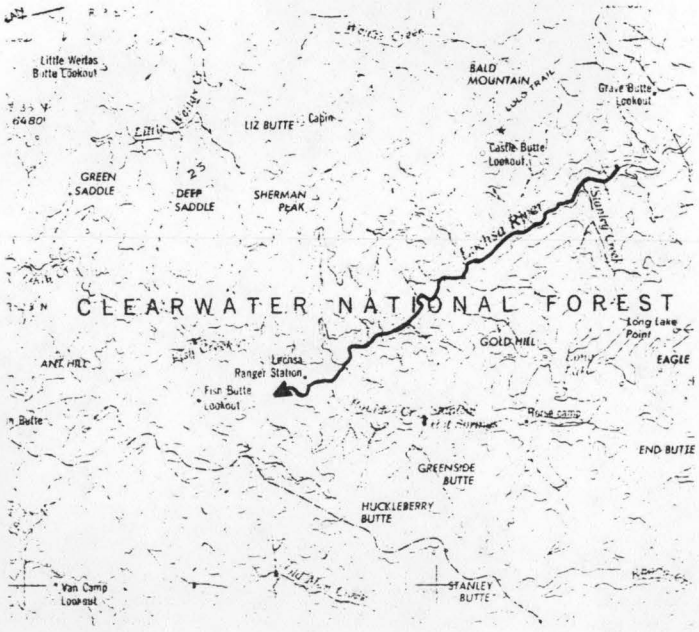
A.	UPSTREAM ELEVATION OF REACH	2600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1990 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	610 FT.
D.	AVERAGE SLOPE IN REACH	42.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	814 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	239	12.36	107.88	1.00
80	383	19.82	165.03	0.95
50	722	37.34	264.81	0.81
30	1468	75.89	399.90	0.60
10	5696	294.49	782.89	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400200R0C25

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T36N R11E
D.	LATITUDE, LONGITUDE	46 27 115 4
E.	STREAM NAME	LOCHSA RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	37.0 TO 52.5

LOCATION MAPS

U.S. TOPO SERIES
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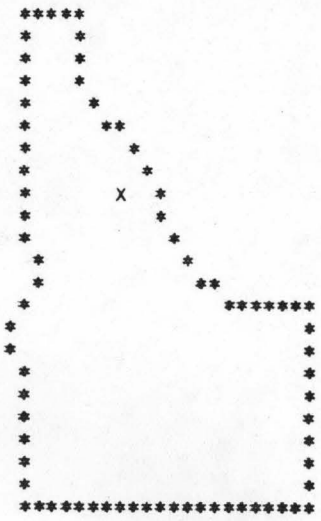
SCALE

MAP NAME
HAMILTON



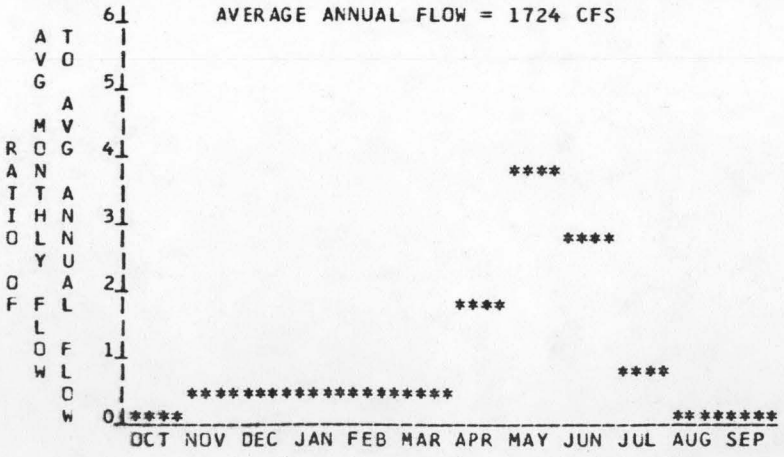
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3090 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2600 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	490 FT.
D.	AVERAGE SLOPE IN REACH	31.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	738 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	227	9.44	82.40	1.00
80	364	15.14	126.06	0.95
50	687	28.53	202.32	0.81
30	1397	58.02	305.65	0.60
10	5433	225.62	599.28	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0040

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T37N R14E
D.	LATITUDE, LONGITUDE	46 30 114 36
E.	STREAM NAME	LOCHSA RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	52.5 TO 64.5

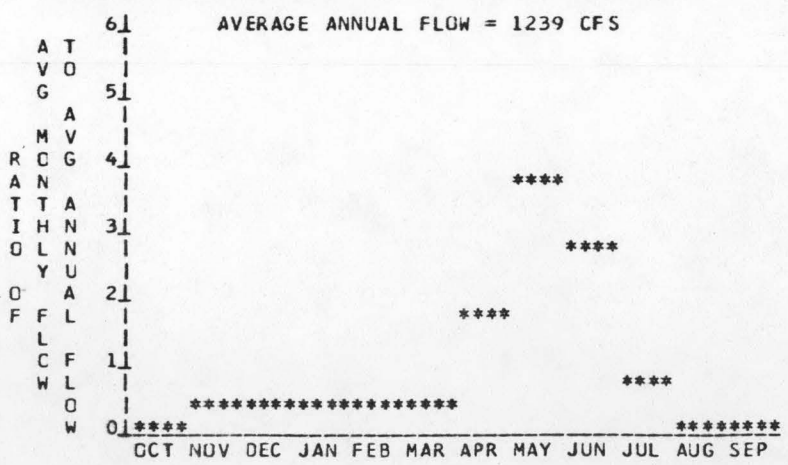
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3430 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3090 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	340 FT.
D.	AVERAGE SLOPE IN REACH	28.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	519 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	160	4.63	40.45	1.00
80	258	7.44	61.94	0.95
50	487	14.05	99.56	0.81
30	995	28.67	150.82	0.60
10	3926	113.12	298.77	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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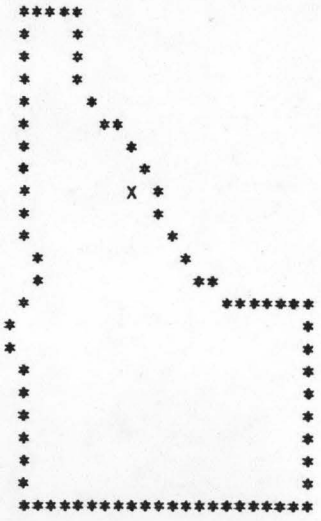
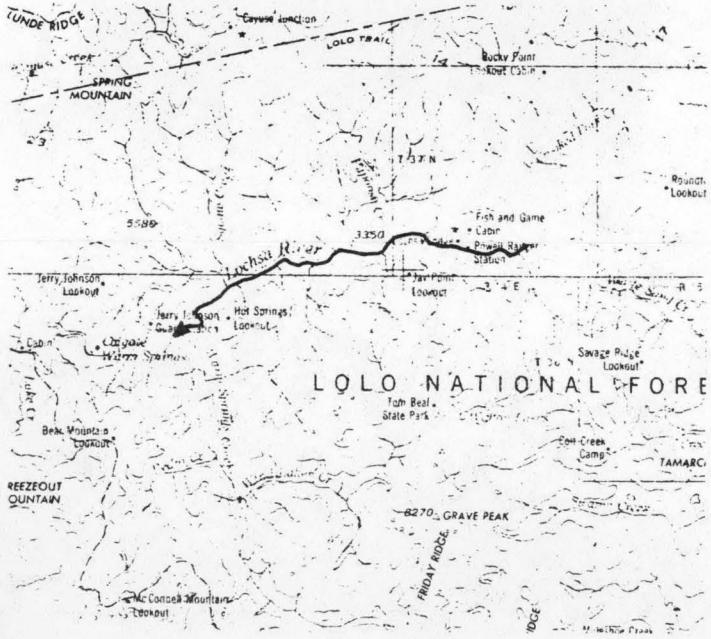
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04002CR0005

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T34N R09E
D.	LATITUDE, LONGITUDE	46 15 115 23
E.	STREAM NAME	OLD MAN CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 2.6

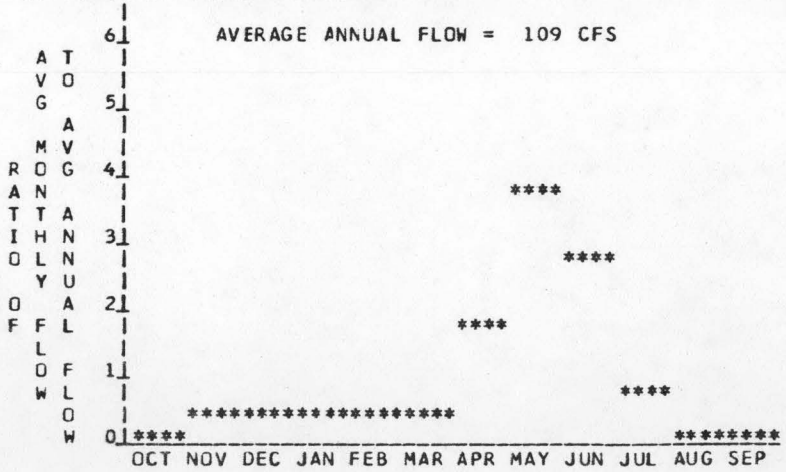
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1780 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	820 FT.
D.	AVERAGE SLOPE IN REACH	315.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	47 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	0.95	8.33	1.00
80	20	1.54	12.83	0.95
50	39	2.95	20.86	0.81
30	82	6.19	32.22	0.59
10	361	27.18	68.99	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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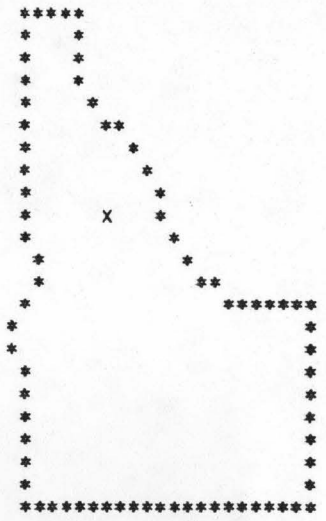
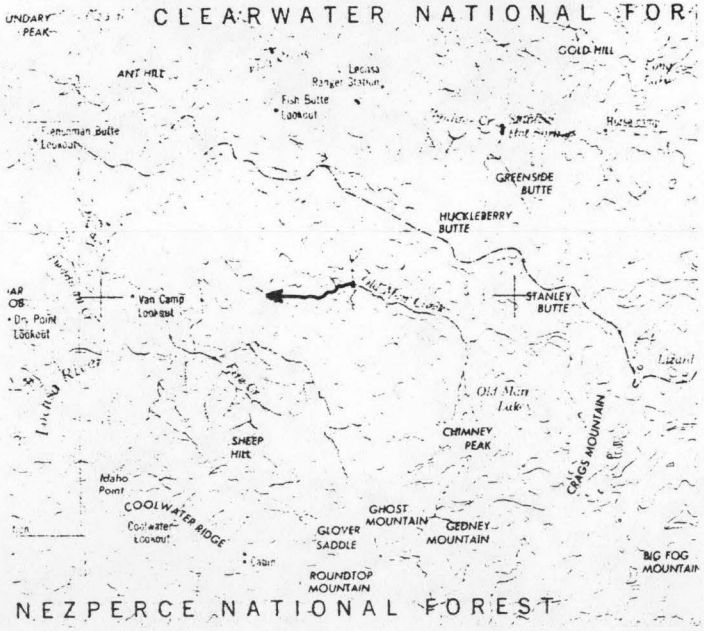
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400200R0015

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T35N R09E
D.	LATITUDE, LONGITUDE	46 22 115 22
E.	STREAM NAME	FISH CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.9

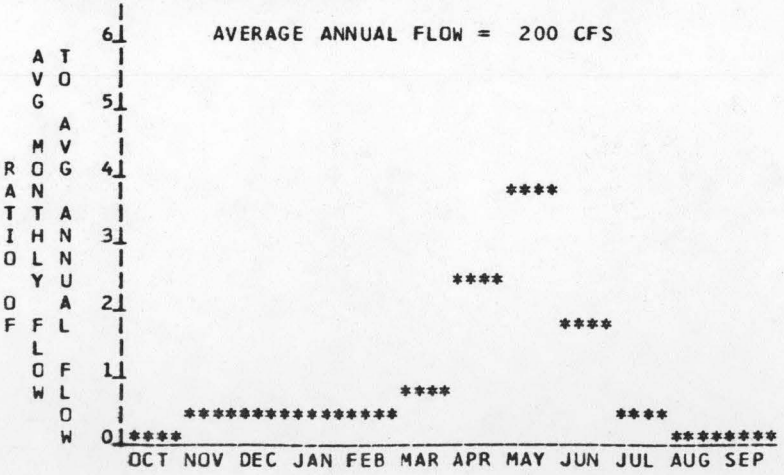
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2720 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1990 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	730 FT.
D.	AVERAGE SLOPE IN REACH	187.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	90 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	1.62	14.11	1.00
80	38	2.61	21.71	0.95
50	73	4.97	35.18	0.81
30	153	10.37	54.08	0.60
10	656	44.30	113.54	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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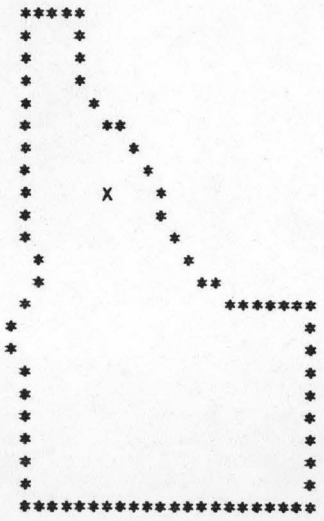
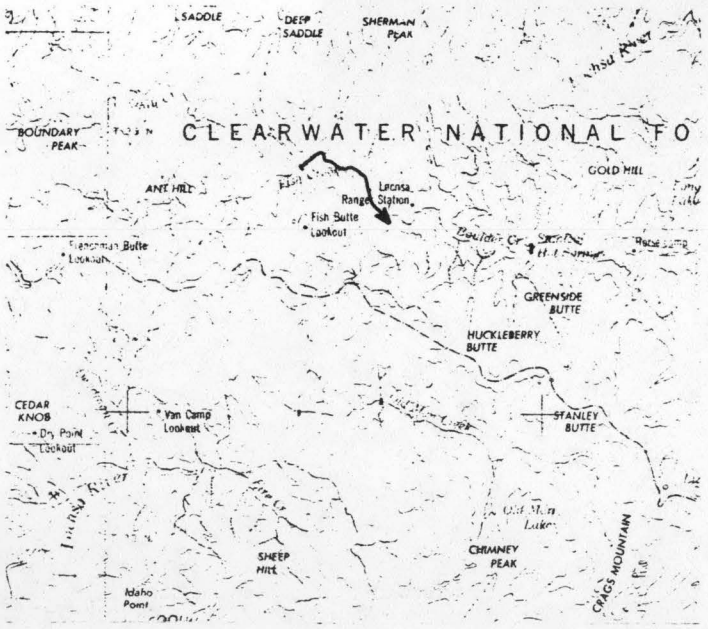
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400200R0012

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T34N R09E
D.	LATITUDE, LONGITUDE	46 19 115 17
E.	STREAM NAME	BOULDER CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.5

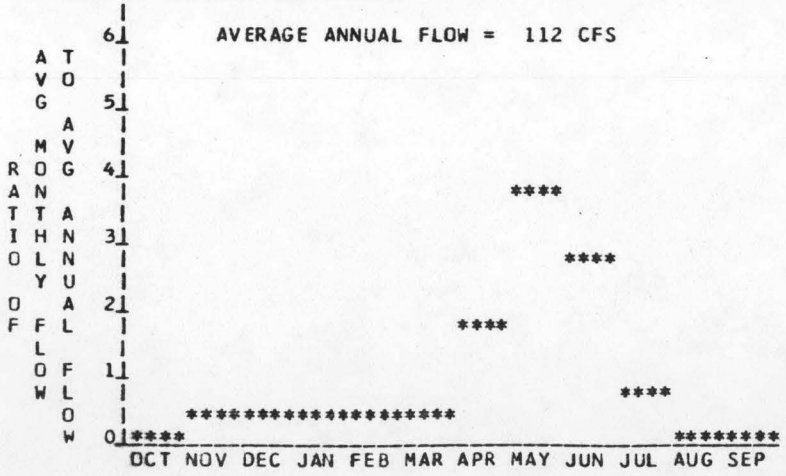
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2045 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1355 FT.
D.	AVERAGE SLOPE IN REACH	387.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	46 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	13	1.57	13.70	1.00
80	21	2.54	21.11	0.95
50	40	4.85	34.31	0.81
30	84	10.19	53.00	0.59
10	370	44.65	113.37	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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MAP NAME
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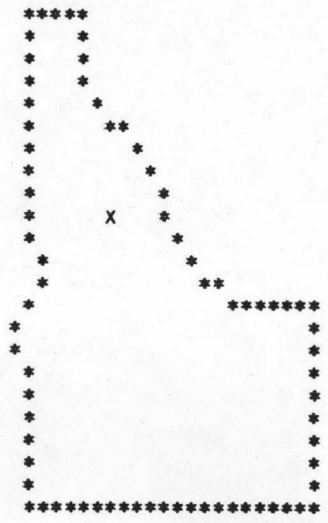
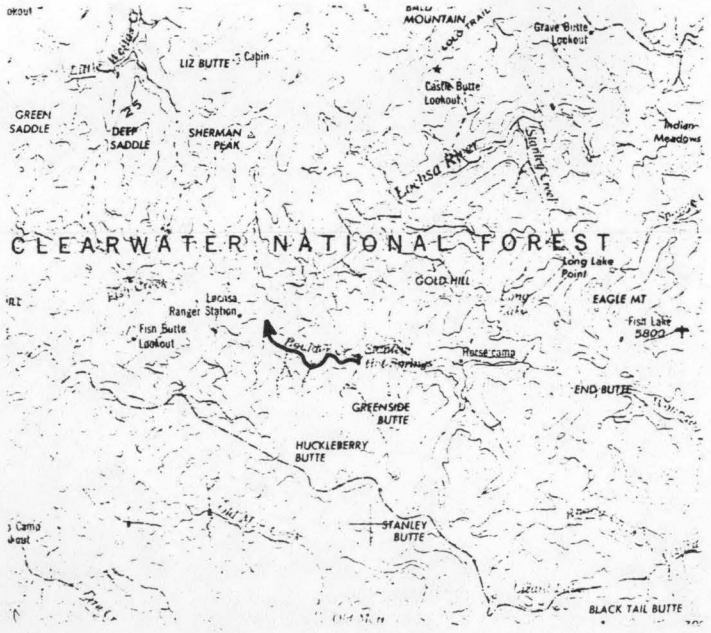




REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04C020R0C35

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T36N R12E
D.	LATITUDE, LONGITUDE	46 27 114 59
E.	STREAM NAME	LAKE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 4.3

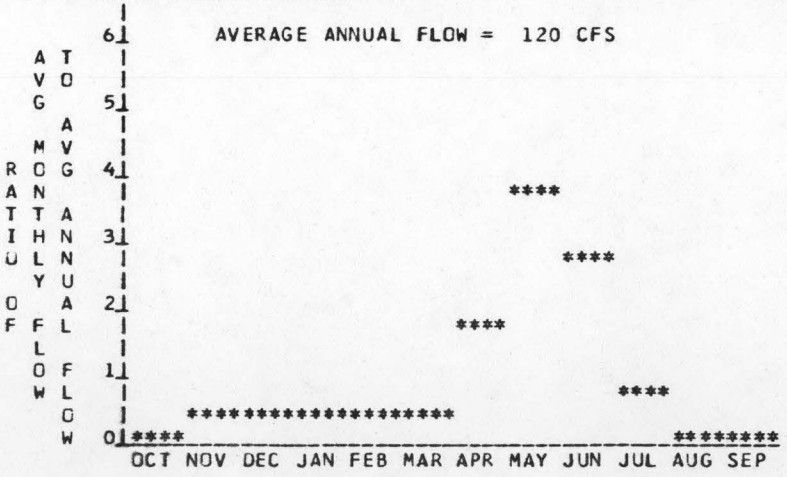
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4020 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2850 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1170 FT.
D.	AVERAGE SLOPE IN REACH	272.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	52 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	1.48	12.89	1.00
80	22	2.39	19.86	0.95
50	43	4.56	32.26	0.81
30	91	9.57	49.80	0.59
10	399	41.81	106.28	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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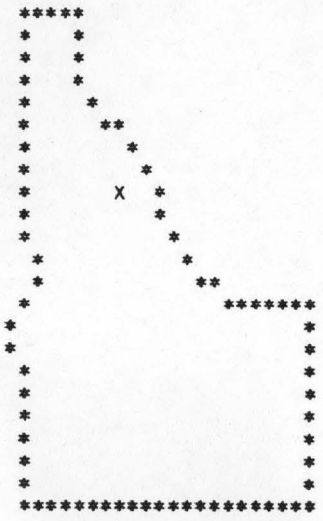
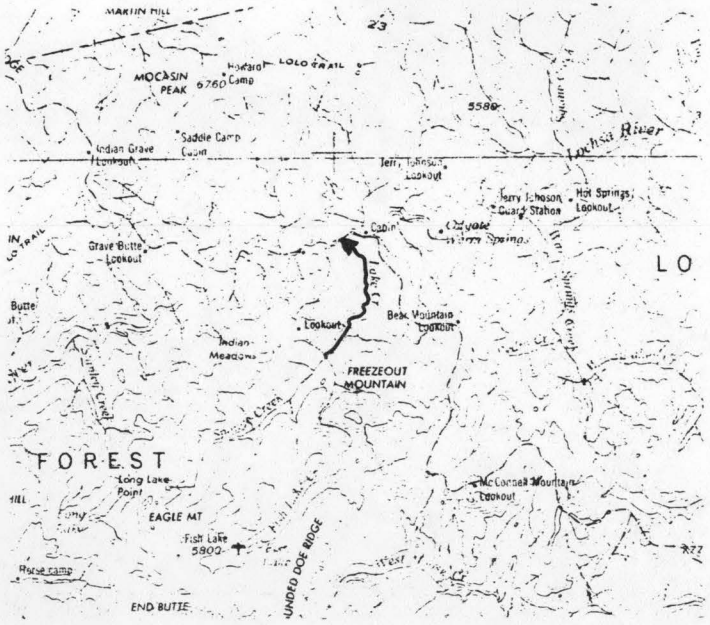
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004C020R0030

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T36N R13E
D.	LATITUDE, LONGITUDE	46 24 114 51
E.	STREAM NAME	WARM SPRINGS CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 5.5

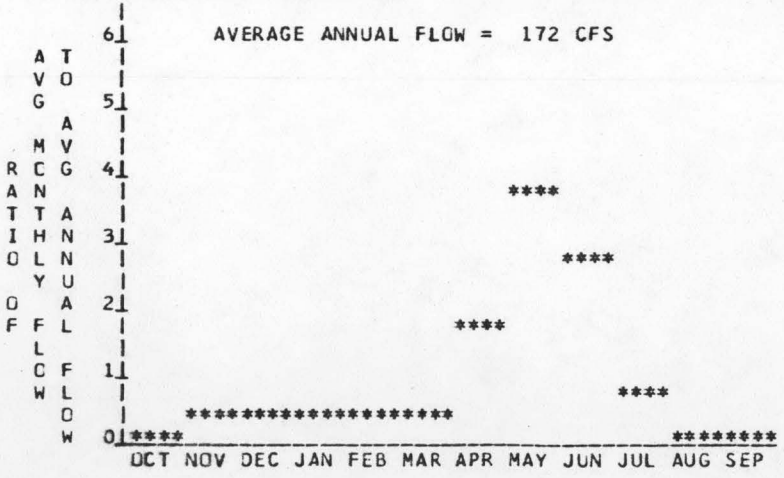
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4600 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3090 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1510 FT.
D.	AVERAGE SLOPE IN REACH	274.5 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	20	2.74	23.89	1.00
80	33	4.42	36.76	0.95
50	63	8.43	59.63	0.81
30	131	17.61	91.78	0.60
10	567	75.73	193.61	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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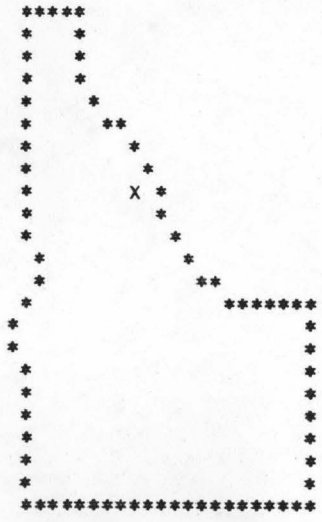
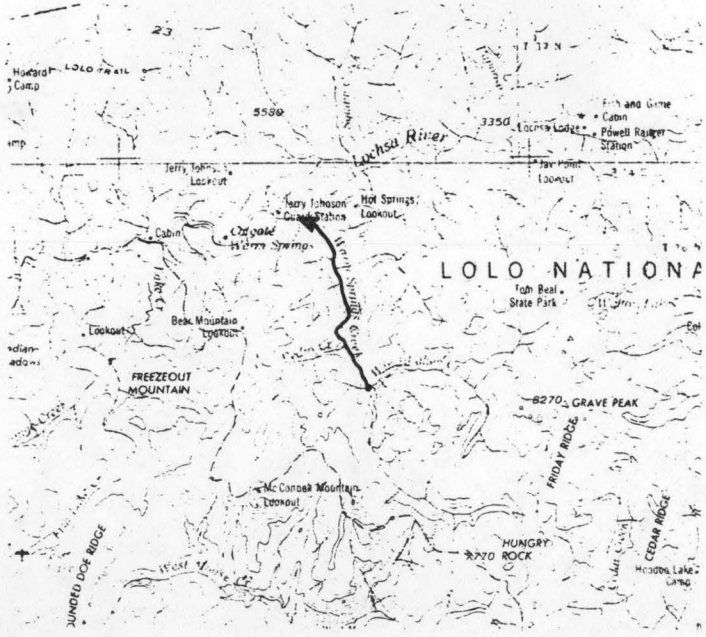
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0055

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T37N R14E
D.	LATITUDE, LONGITUDE	46 23 114 37
E.	STREAM NAME	CROOKED FORK CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.3 TO 7.0

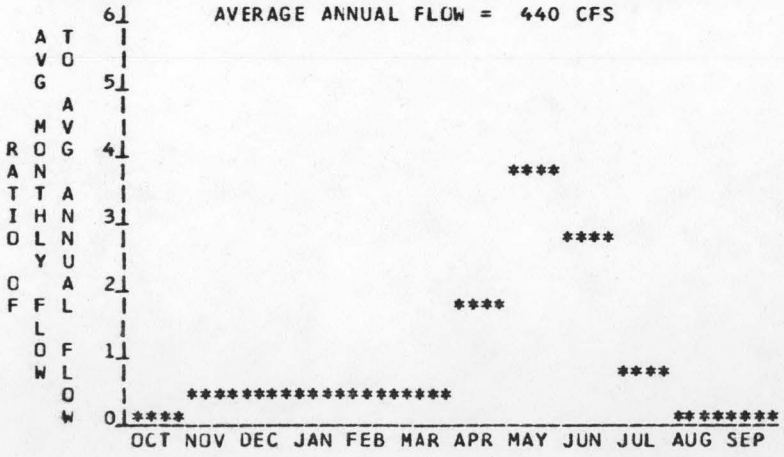
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3430 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	450 FT.
D.	AVERAGE SLOPE IN REACH	67.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	171 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	2.08	18.15	1.00
80	87	3.35	27.86	0.95
50	166	6.36	45.00	0.81
30	344	13.13	68.74	0.60
10	1421	54.21	140.70	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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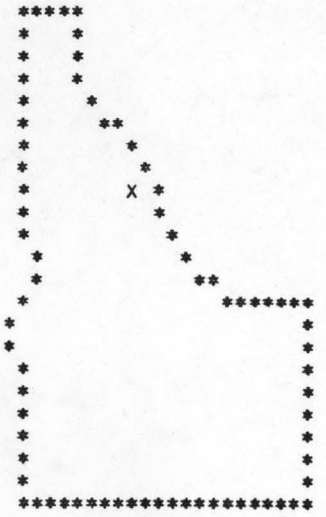
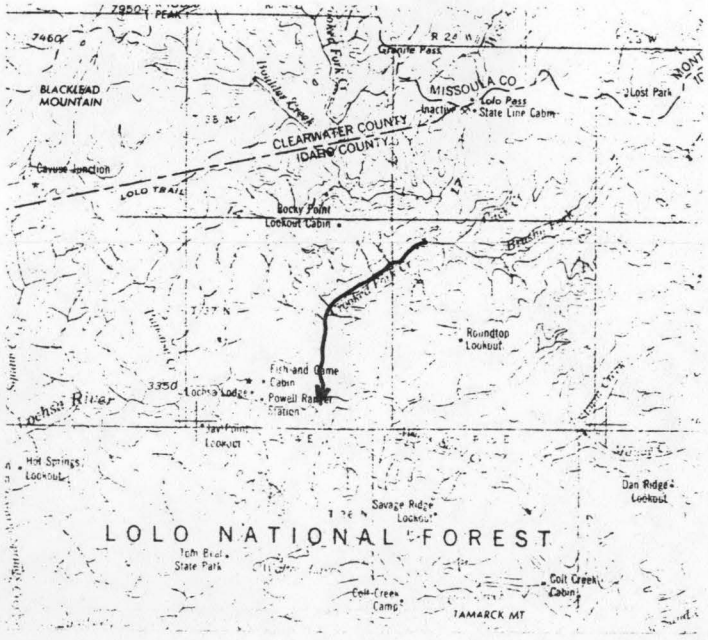
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0045

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T38N R14E
D.	LATITUDE, LONGITUDE	46 36 114 40
E.	STREAM NAME	CROOKED FORK CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	7.0 TO 12.0

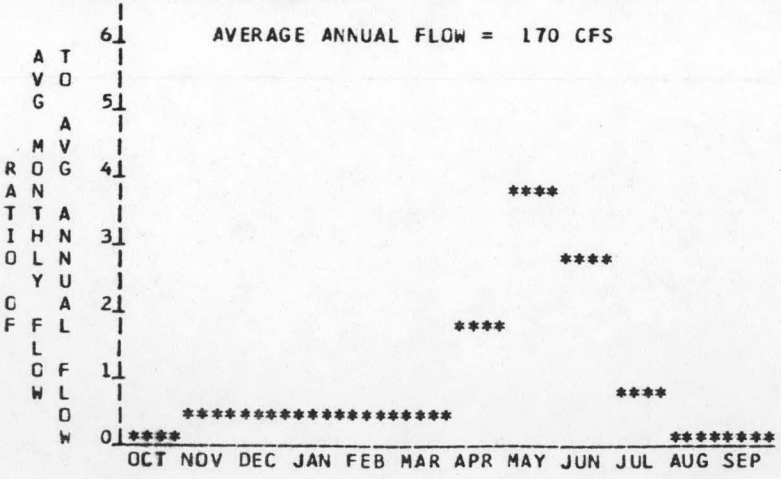
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4450 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	570 FT.
D.	AVERAGE SLOPE IN REACH	114.0 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	20	1.09	9.48	1.00
80	32	1.75	14.60	0.95
50	62	3.35	23.68	0.81
30	129	6.99	36.45	0.59
10	558	30.10	76.93	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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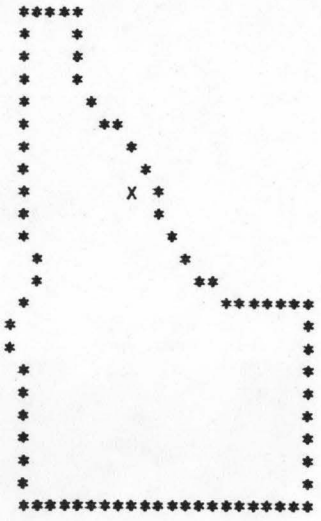
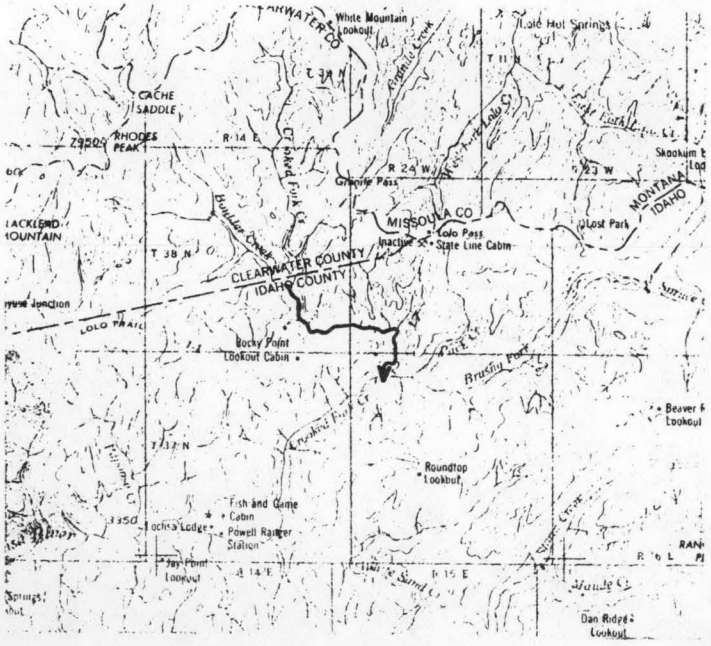
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0050

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T37N R15E
D.	LATITUDE, LONGITUDE	46 35 114 34
E.	STREAM NAME	BRUSHY FORK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 9.0

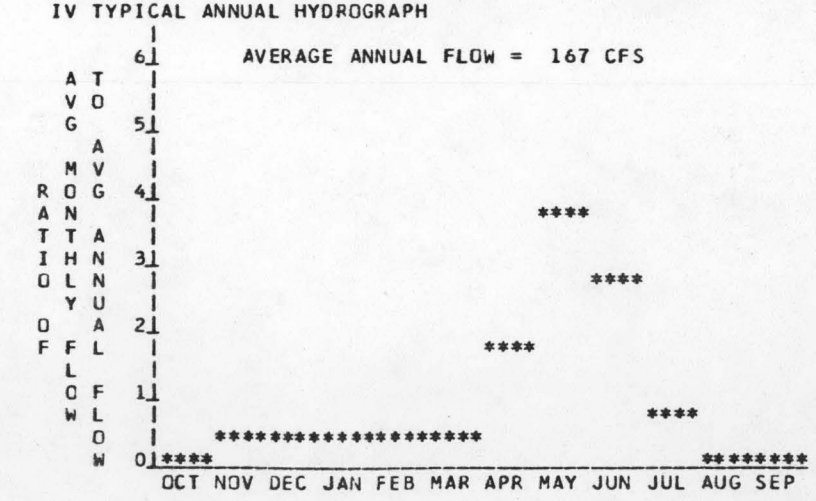
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4860 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	980 FT.
D.	AVERAGE SLOPE IN REACH	108.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	82 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	19	1.76	15.34	1.00
80	32	2.84	23.61	0.95
50	61	5.42	38.30	0.81
30	127	11.32	58.97	0.59
10	549	48.73	124.52	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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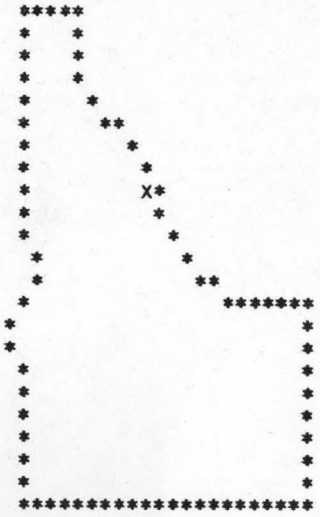
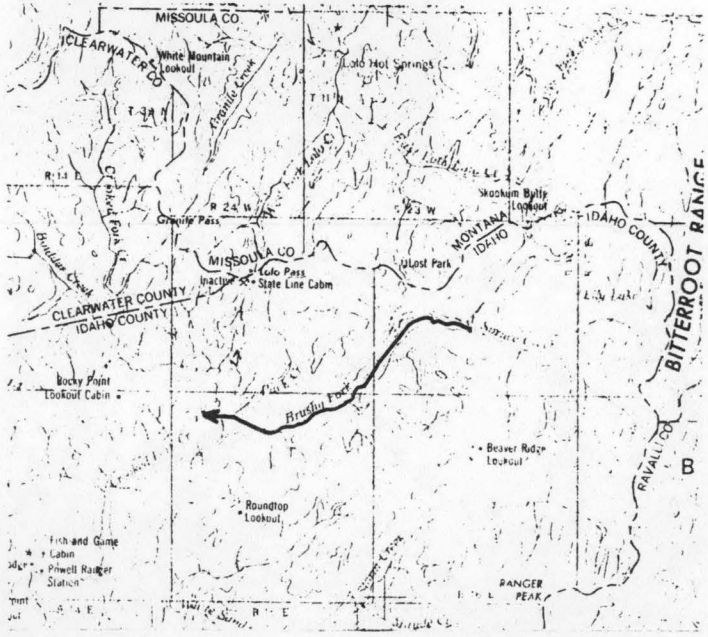
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 2CR0C65

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T36N R15E
D.	LATITUDE, LONGITUDE	46 29 114 35
E.	STREAM NAME	WHITE SAND CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 13.0

LOCATION MAPS

U.S. TOPO SERIES
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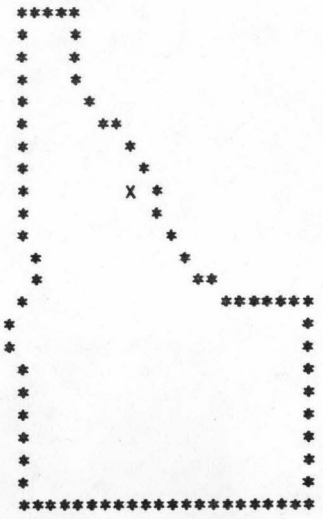
SCALE

MAP NAME
HAMILTON



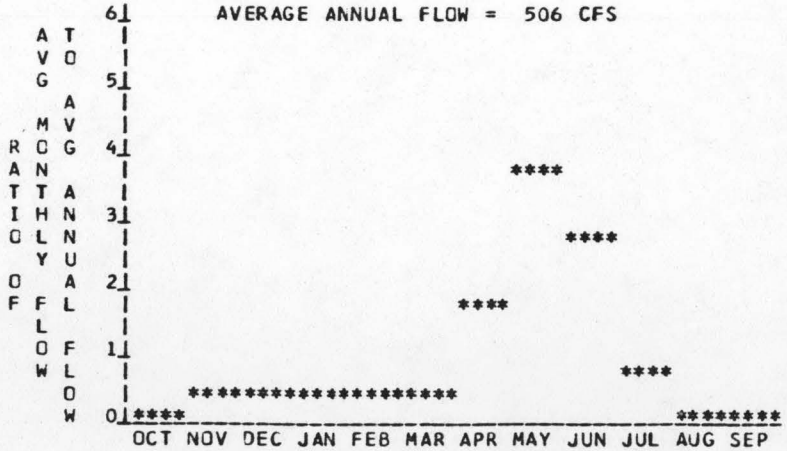
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

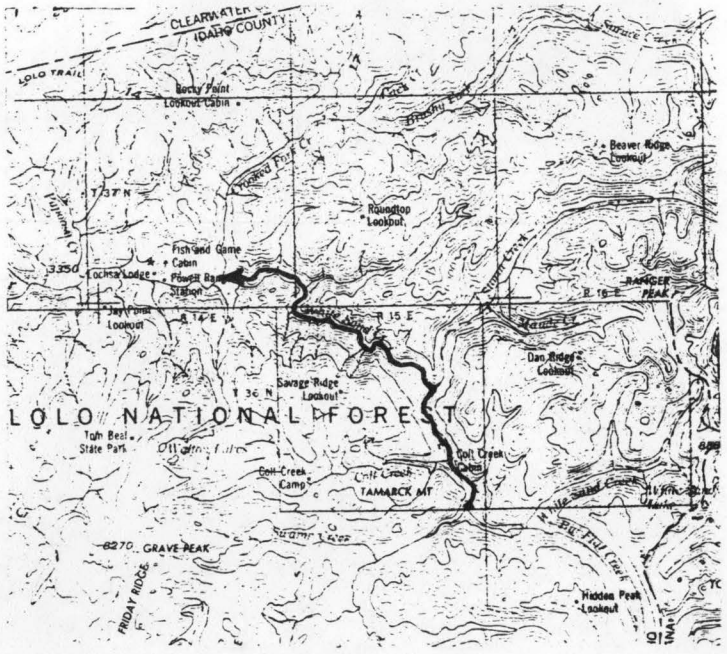
A.	UPSTREAM ELEVATION OF REACH	4440 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3430 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1010 FT.
D.	AVERAGE SLOPE IN REACH	77.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	240 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	63	5.40	47.13	1.00
80	101	8.69	72.33	0.95
50	192	16.49	116.74	0.81
30	397	34.00	178.12	0.60
10	1630	139.52	362.98	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0070

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T35N R15E
D.	LATITUDE, LONGITUDE	46 23 114 33
E.	STREAM NAME	BIG SAND CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 6.2

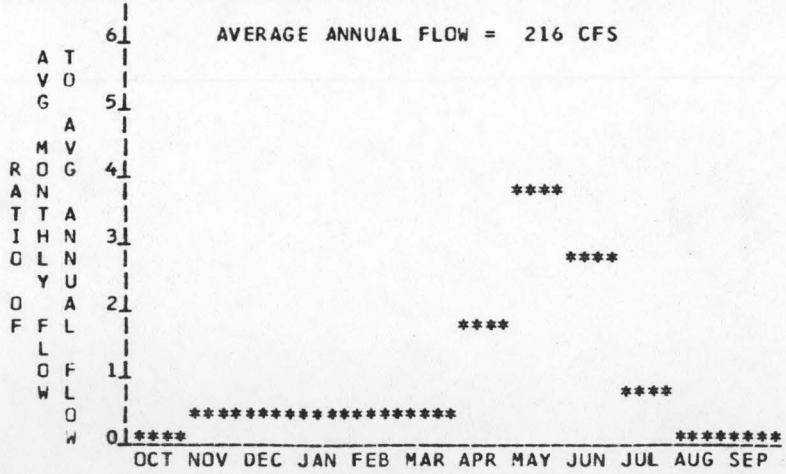
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	5120 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4440 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	680 FT.
D.	AVERAGE SLOPE IN REACH	109.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	117 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	1.64	14.34	1.00
80	41	2.65	22.05	0.95
50	79	5.05	35.73	0.81
30	166	10.52	54.89	0.60
10	708	44.80	114.94	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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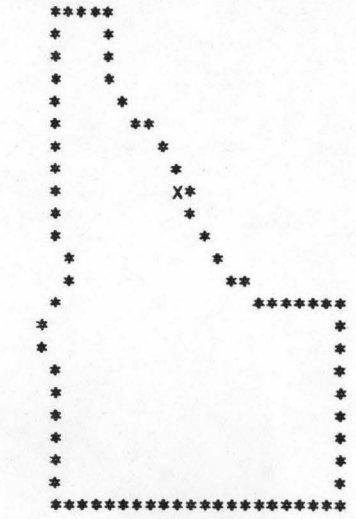
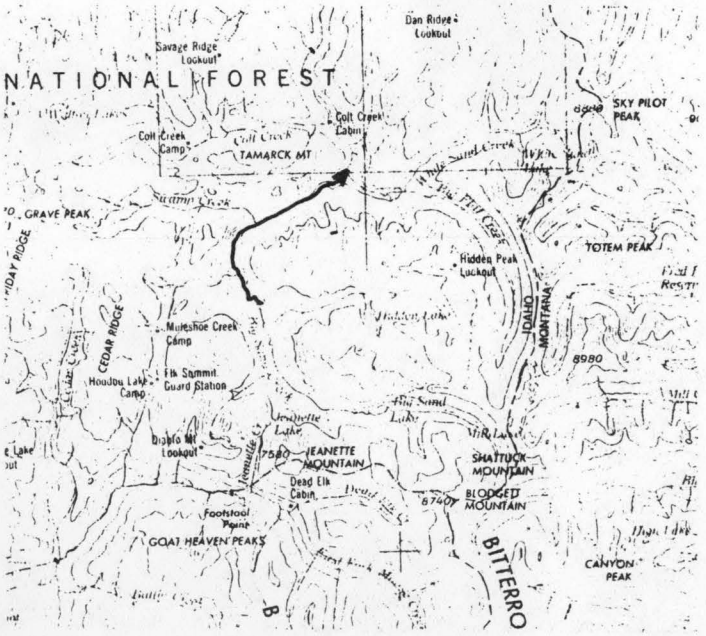
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0060

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T36N R15E
D.	LATITUDE, LONGITUDE	46 30 114 32
E.	STREAM NAME	STORM CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.6

LOCATION MAPS

U.S. TOPO SERIES
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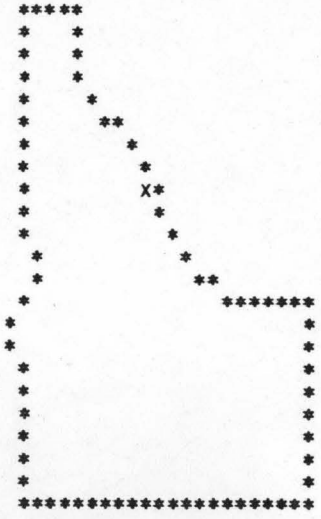
SCALE

MAP NAME
HAMILTON



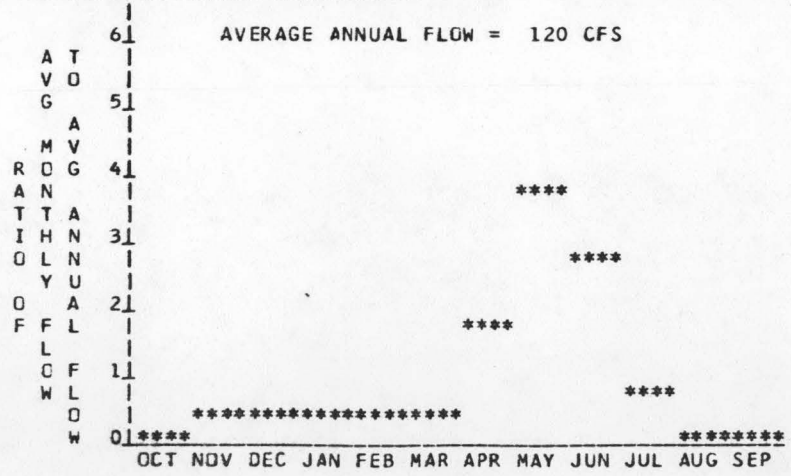
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4560 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4040 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	520 FT.
D.	AVERAGE SLOPE IN REACH	144.4 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	50 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	13	0.69	6.06	1.00
80	22	1.12	9.34	0.95
50	43	2.15	15.17	0.81
30	90	4.50	23.42	0.59
10	396	19.67	50.00	0.29

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04C020R0100

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R07E
D.	LATITUDE, LONGITUDE	46 6 115 34
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 6.6

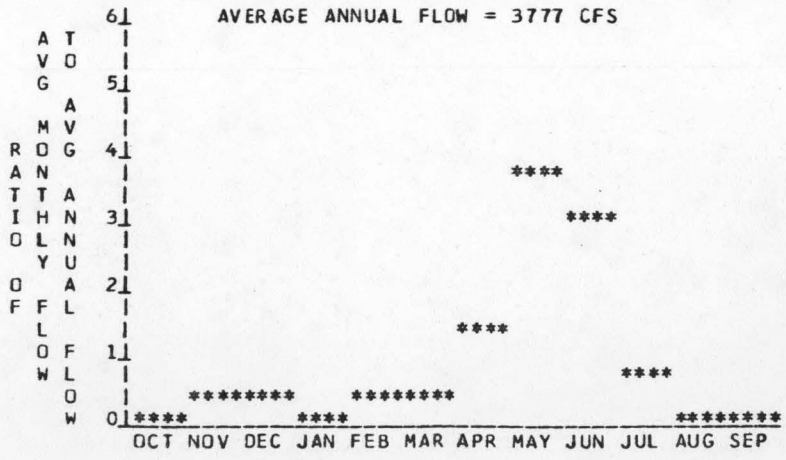
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1560 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1448 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	112 FT.
D.	AVERAGE SLOPE IN REACH	17.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	2001 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	516	4.90	42.76	1.00
80	825	7.84	65.29	0.95
50	1549	14.71	104.42	0.81
30	3123	29.65	156.76	0.60
10	11736	111.39	299.98	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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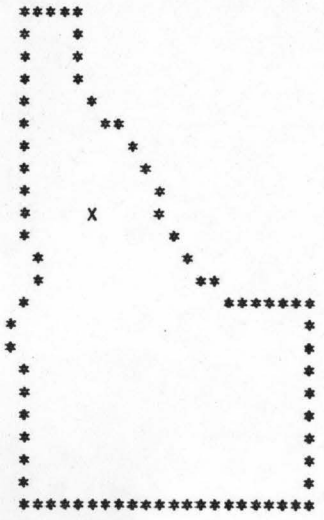
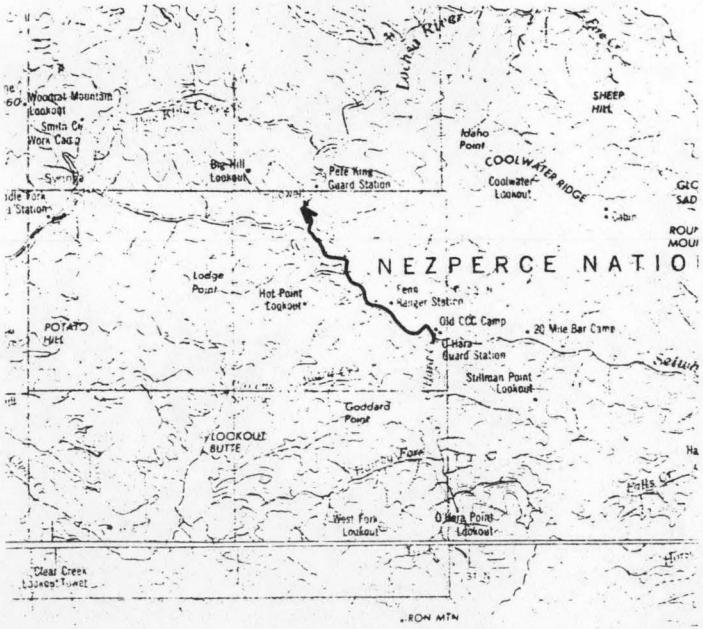
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024CC40020R0105

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R08E
D.	LATITUDE, LONGITUDE	46 5 115 25
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	6.6 TO 17.9

LOCATION MAPS

U.S. TOPO SERIES
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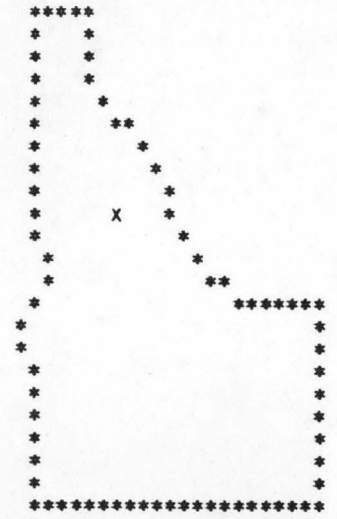
SCALE

MAP NAME
HAMILTON



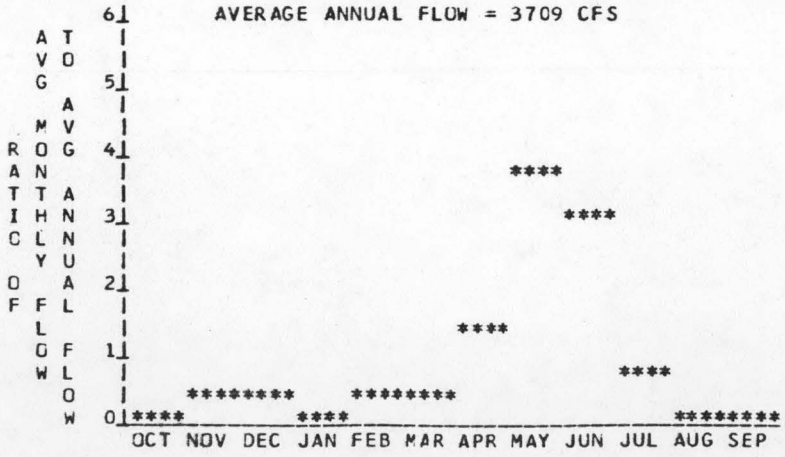
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

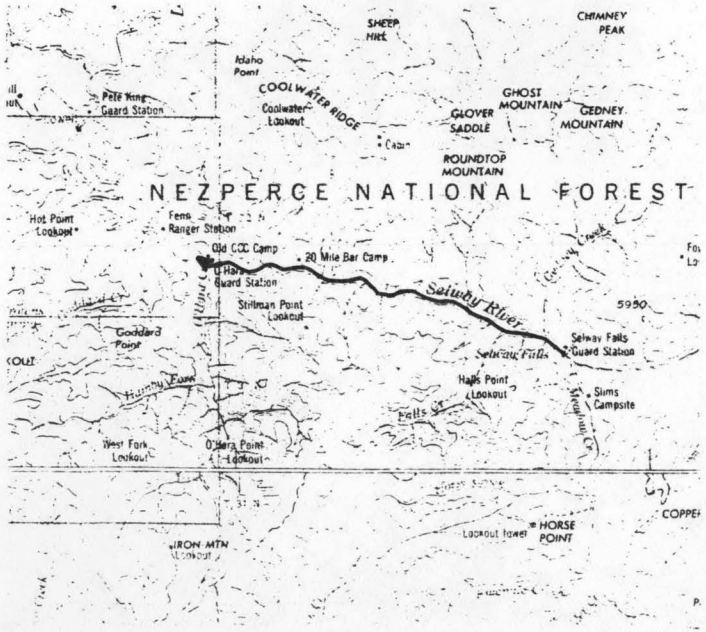
A.	UPSTREAM ELEVATION OF REACH	1720 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1560 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	160 FT.
D.	AVERAGE SLOPE IN REACH	14.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1904 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	506	6.87	59.94	1.00
80	810	10.99	91.53	0.95
50	1521	20.62	146.40	0.81
30	3066	41.57	219.80	0.60
10	11529	156.33	420.86	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C040020R0125

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R10E
D.	LATITUDE, LONGITUDE	46 6 115 9
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	17.9 TO 31.0

LOCATION MAPS

U.S. TOPO SERIES
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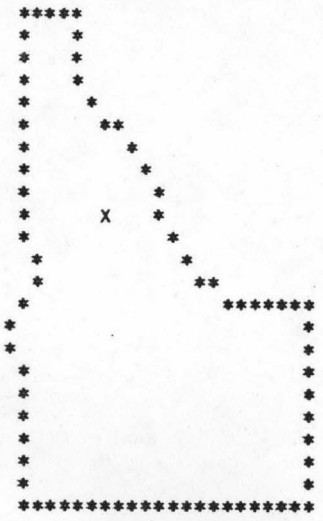
MAP NAME
HAMILTON



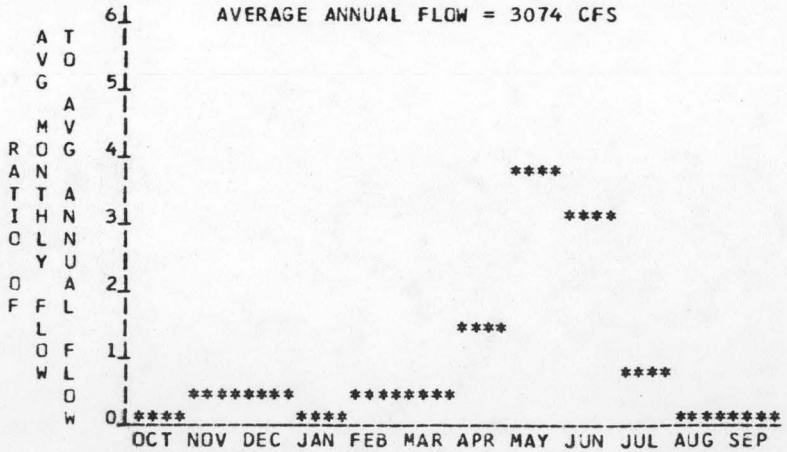
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

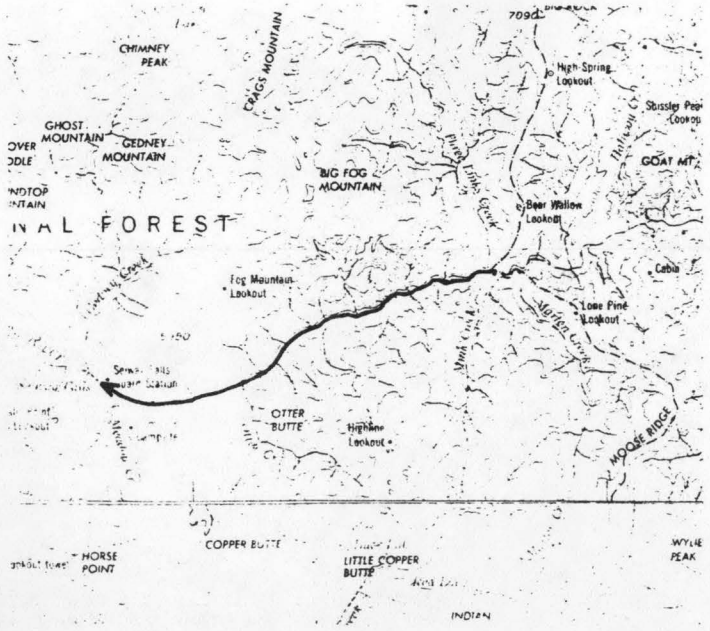
A.	UPSTREAM ELEVATION OF REACH	1920 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1720 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	200 FT.
D.	AVERAGE SLOPE IN REACH	15.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1544 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	416	7.05	61.56	1.00
80	666	11.29	94.05	0.95
50	1251	21.21	150.54	0.81
30	2528	42.85	226.37	0.60
10	9586	162.48	435.95	0.31

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C024004C020R0130

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R12E
D.	LATITUDE, LONGITUDE	46 7 115 0
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	31.0 TO 38.4

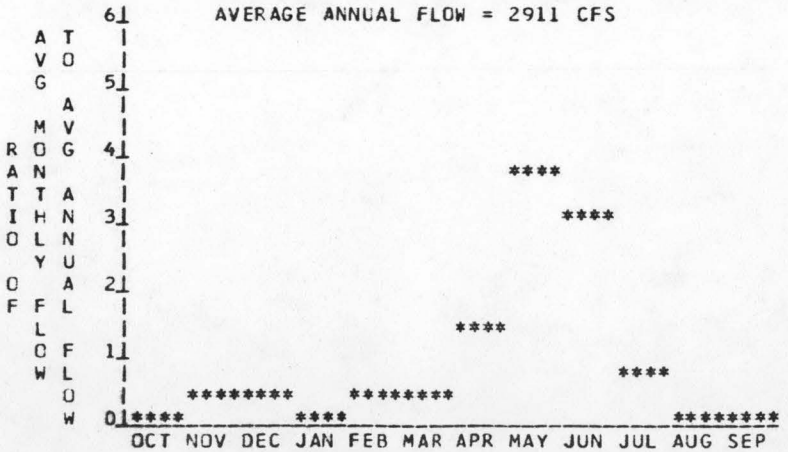
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2200 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1920 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	280 FT.
D.	AVERAGE SLOPE IN REACH	37.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1414 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	393	9.33	81.43	1.00
80	629	14.94	124.42	0.95
50	1183	28.07	199.21	0.81
30	2391	56.75	299.68	0.60
10	9088	215.66	578.10	0.31

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

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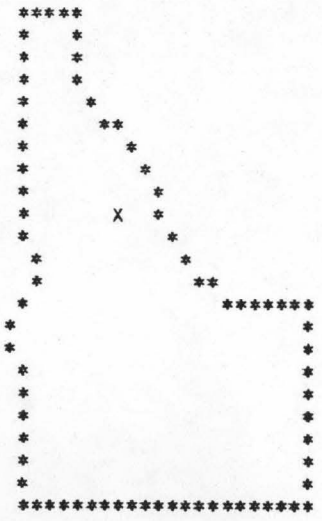
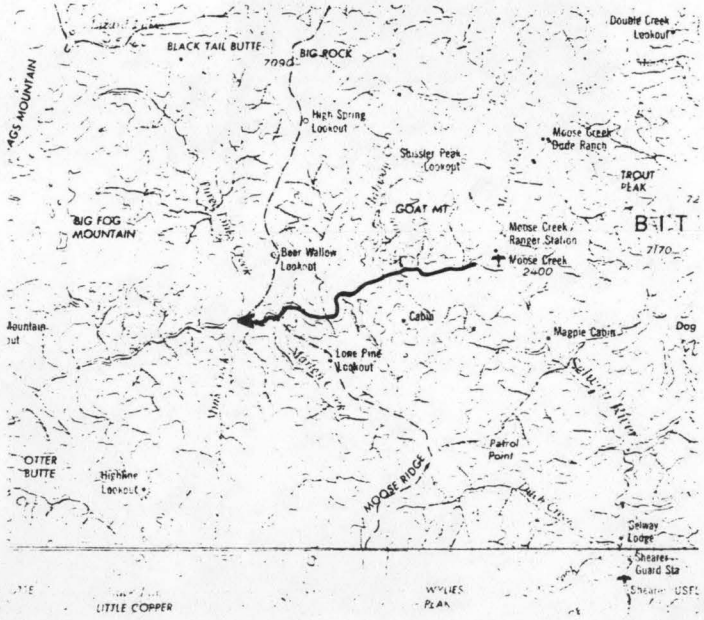
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0135

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R13E
D.	LATITUDE, LONGITUDE	46 6 114 53
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	38.4 TO 43.8

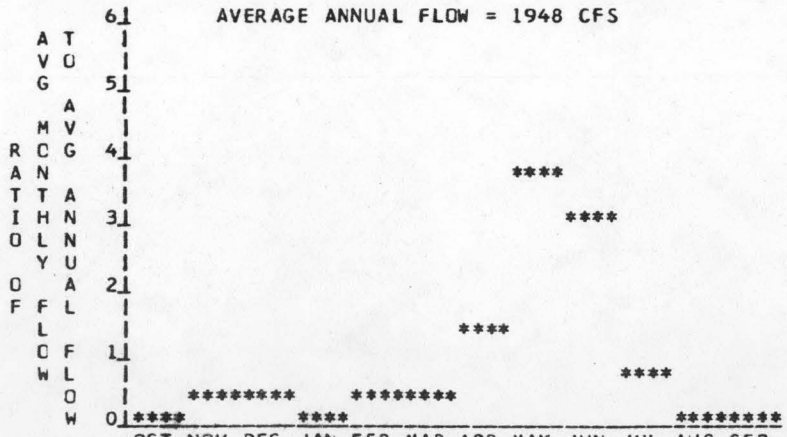
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2353 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2200 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	153 FT.
D.	AVERAGE SLOPE IN REACH	28.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	973 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	3.35	29.23	1.00
80	414	5.37	44.71	0.95
50	779	10.11	71.72	0.81
30	1583	20.53	108.24	0.60
10	6125	79.42	211.41	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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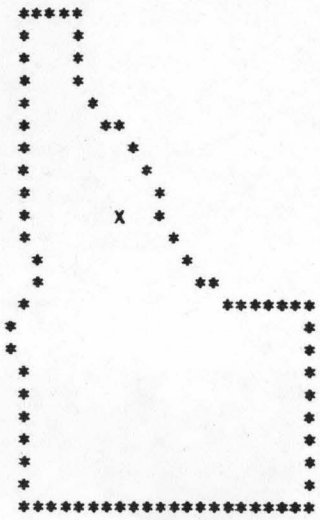
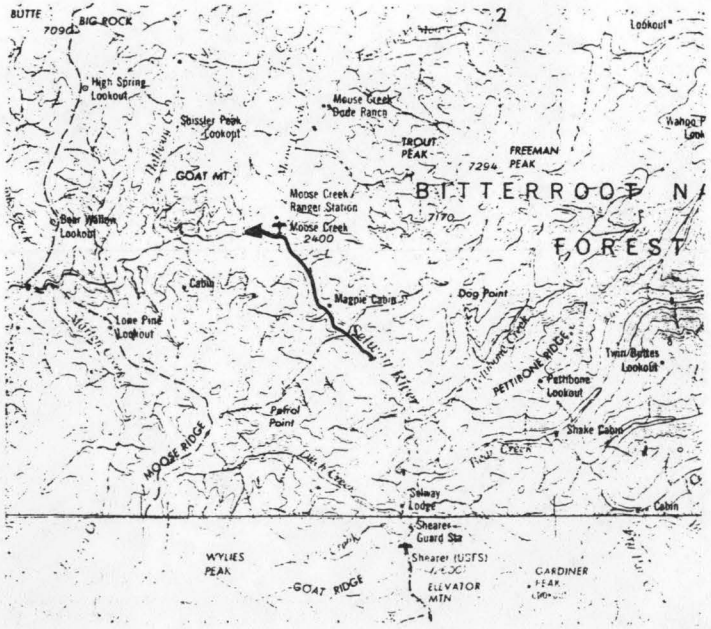
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004002OR0200

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T31N R12E
D.	LATITUDE, LONGITUDE	45 55 114 55
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	43.8 TO 56.4

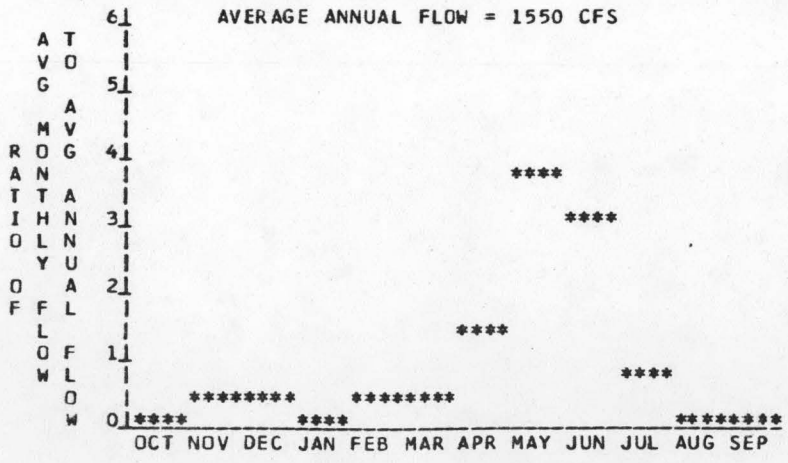
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2780 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2353 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	427 FT.
D.	AVERAGE SLOPE IN REACH	33.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	942 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	203	7.36	64.23	1.00
80	326	11.80	98.29	0.95
50	615	22.26	157.83	0.81
30	1252	45.32	238.64	0.60
10	4893	177.06	469.45	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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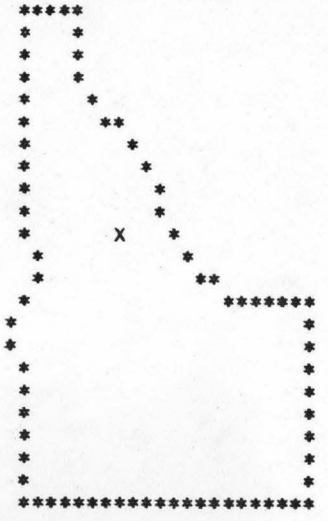
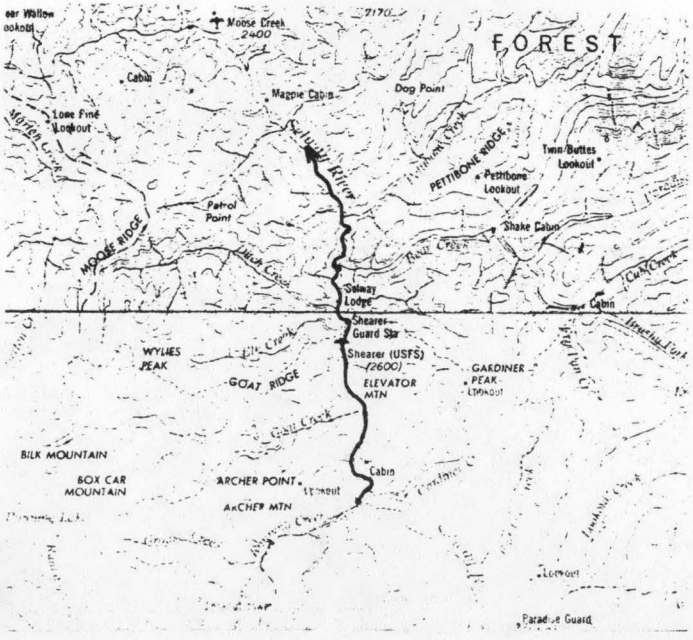
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0210

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T30N R13E
D.	LATITUDE, LONGITUDE	45 52 114 45
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	56.4 TO 63.1

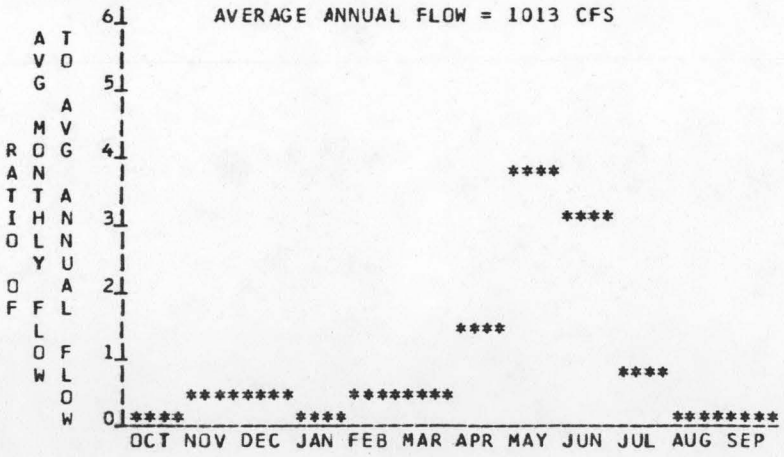
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3050 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2780 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	270 FT.
D.	AVERAGE SLOPE IN REACH	40.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	559 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	130	2.98	26.04	1.00
80	209	4.79	39.89	0.95
50	395	9.06	64.17	0.81
30	809	18.53	97.36	0.60
10	3222	73.74	194.10	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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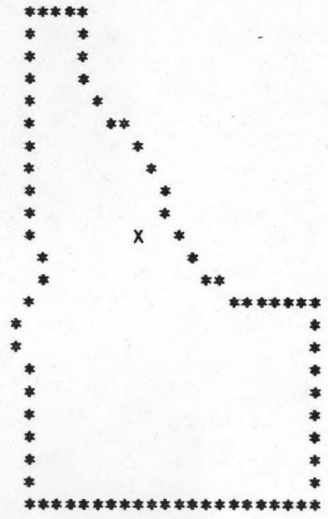
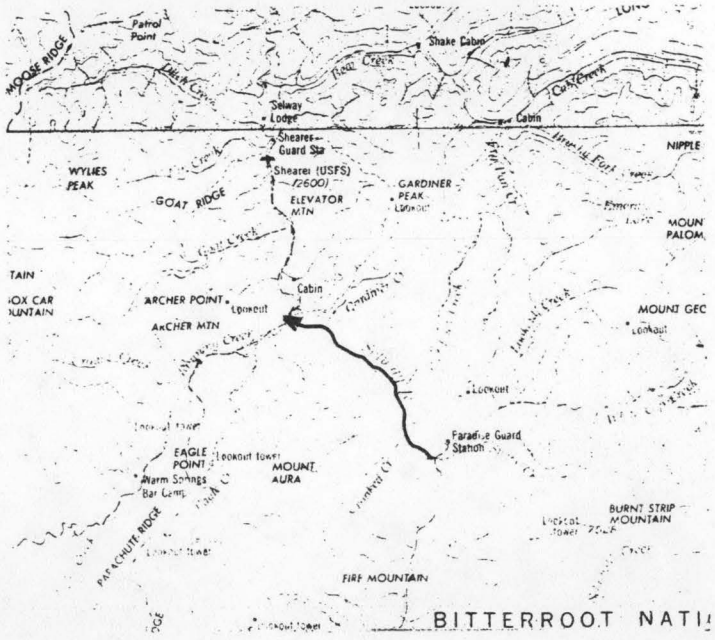
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0220

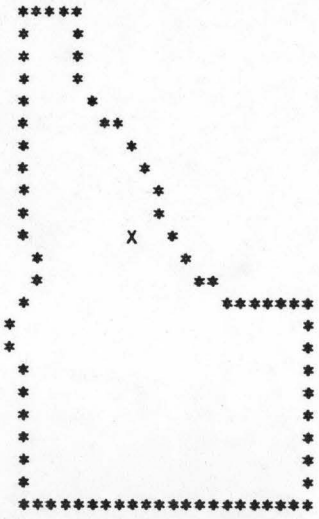
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R14E
D.	LATITUDE, LONGITUDE	45 47 114 40
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	63.1 TO 71.7

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY



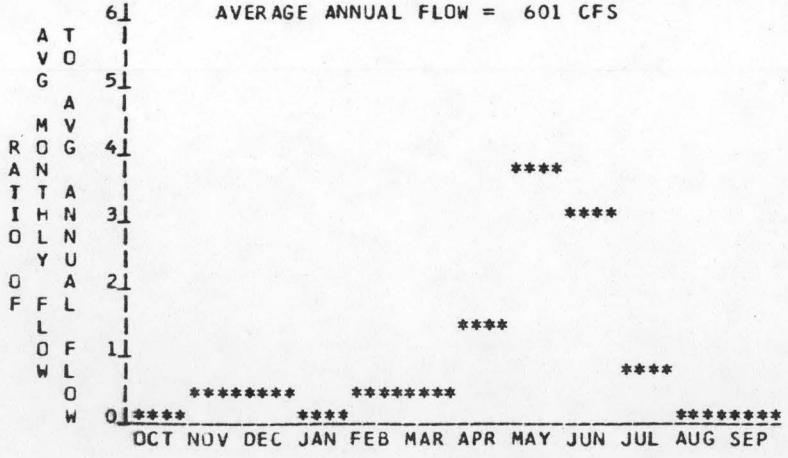
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3615 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3050 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	565 FT.
D.	AVERAGE SLOPE IN REACH	65.7 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	388 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	3.62	31.56	1.00
80	121	5.81	48.41	0.95
50	230	11.02	78.07	0.81
30	473	22.69	118.95	0.60
10	1929	92.40	241.09	0.30

IV TYPICAL ANNUAL HYDROGRAPH



REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240040020R0230

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T27N R14E
D.	LATITUDE, LONGITUDE	45 40 114 40
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	71.7 TO 82.3

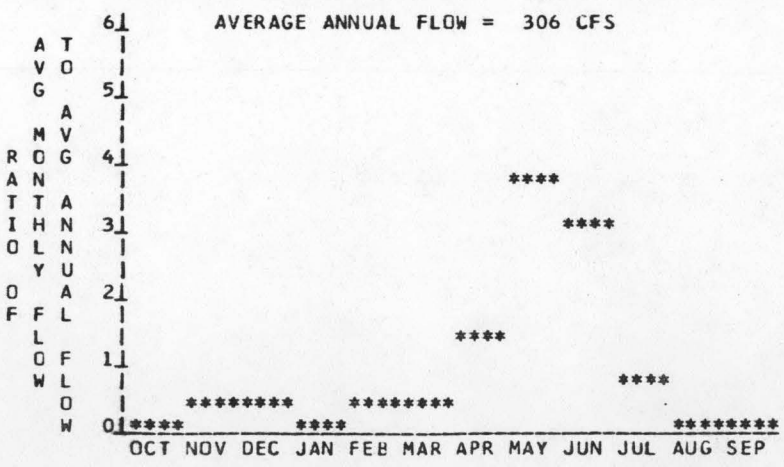
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4590 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3615 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	975 FT.
D.	AVERAGE SLOPE IN REACH	92.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	229 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	3.08	26.85	1.00
80	59	4.96	41.27	0.95
50	114	9.43	66.76	0.81
30	236	19.57	102.28	0.60
10	993	82.09	211.81	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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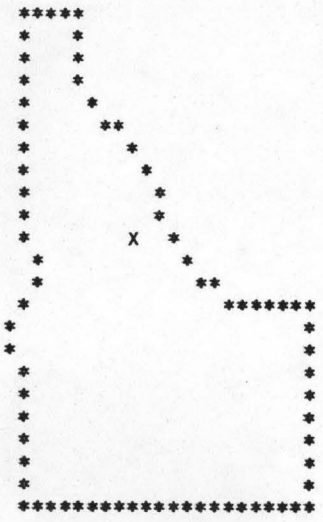
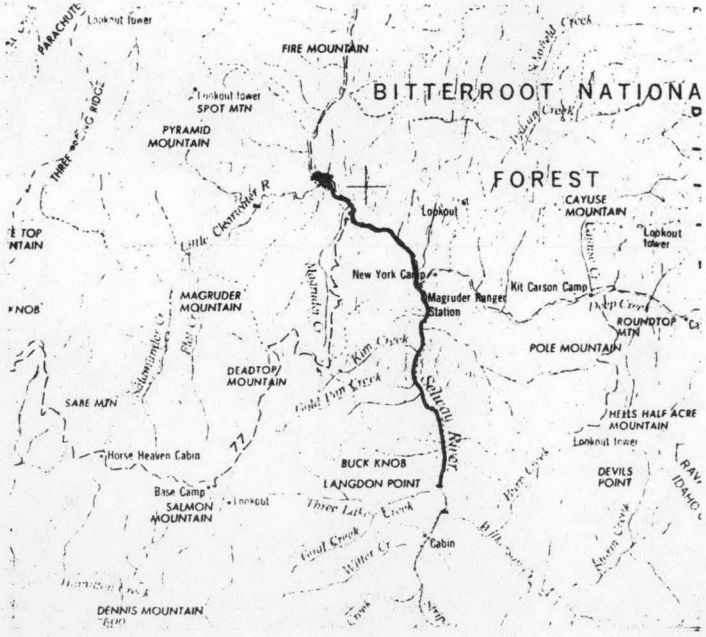
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240C40020R0235

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T26N R14E
D.	LATITUDE, LONGITUDE	45 35 114 40
E.	STREAM NAME	SELWAY RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	82.3 TO 83.2

LOCATION MAPS

U.S. TOPO SERIES
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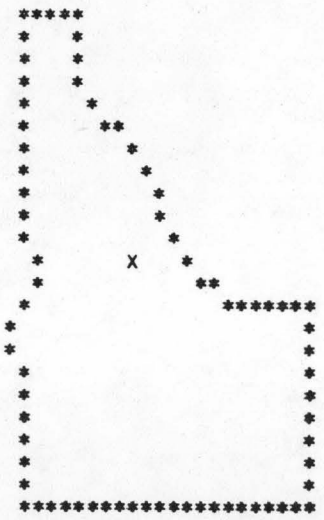
SCALE

MAP NAME
ELK CITY



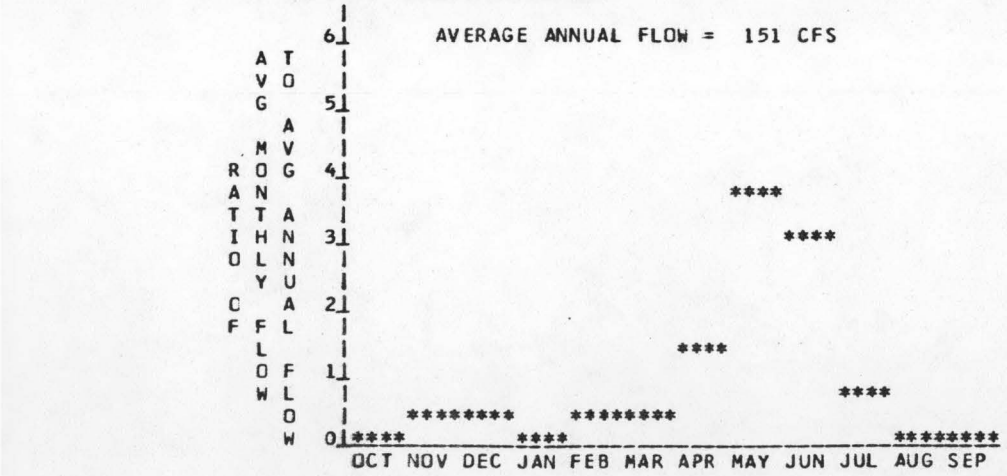
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

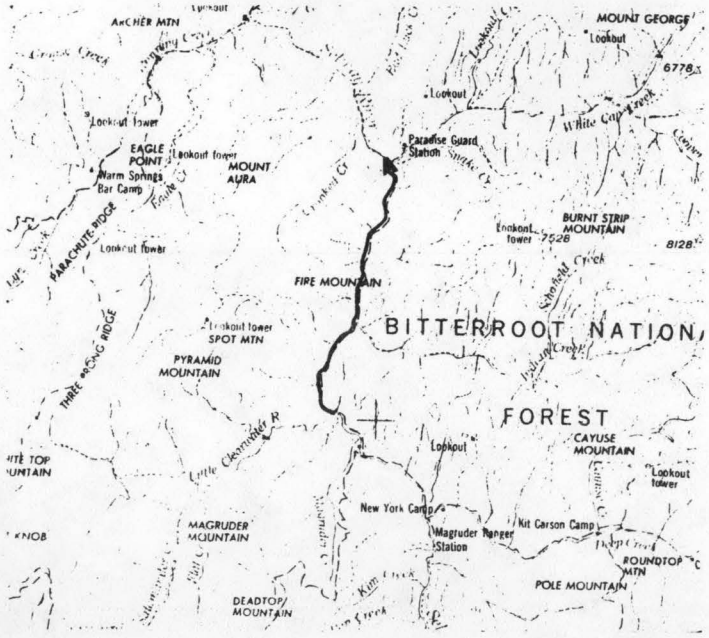
A.	UPSTREAM ELEVATION OF REACH	4670 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	4590 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	80 FT.
D.	AVERAGE SLOPE IN REACH	88.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	114 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	17	0.22	1.92	1.00
80	28	0.36	2.96	0.95
50	54	0.68	4.80	0.81
30	114	1.42	7.40	0.59
10	496	6.15	15.68	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035C0240040020R0120

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T30N R09E
D.	LATITUDE, LONGITUDE	45 58 115 17
E.	STREAM NAME	MEADOW CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 10.6

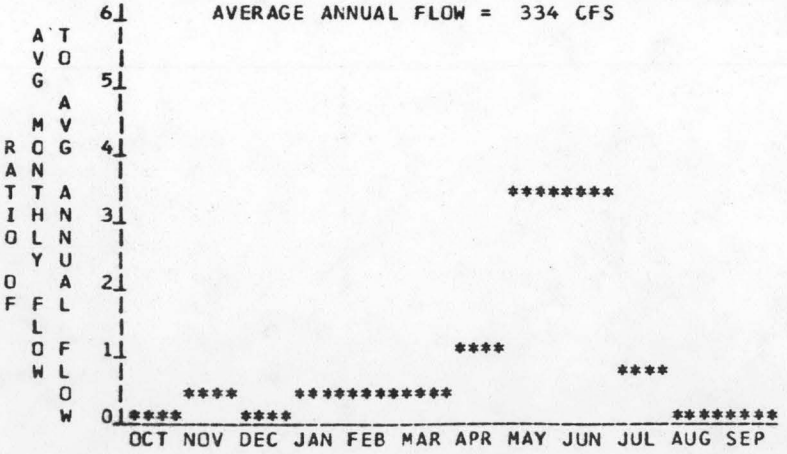
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2760 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1720 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1040 FT.
D.	AVERAGE SLOPE IN REACH	98.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	241 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	3.60	31.44	1.00
80	65	5.80	48.31	0.95
50	125	11.04	78.11	0.81
30	259	22.87	119.58	0.60
10	1084	95.57	246.95	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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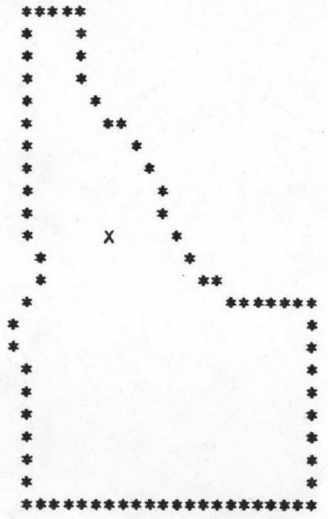
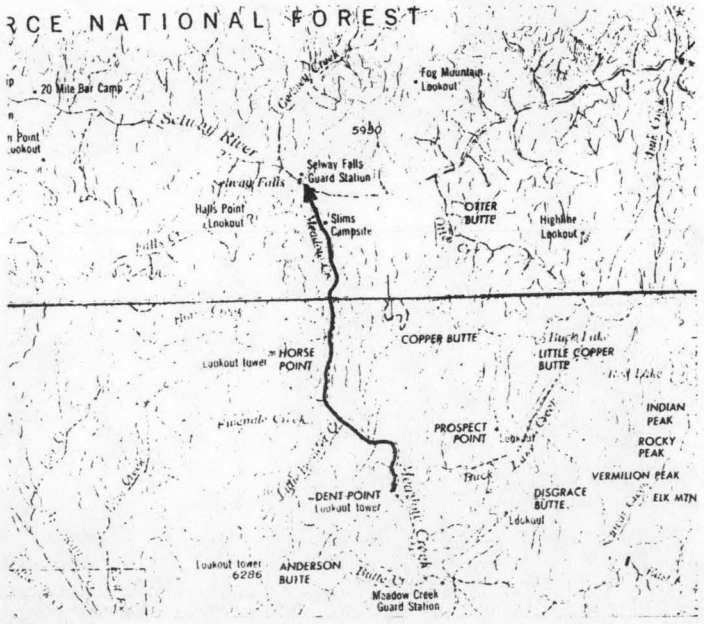
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0115

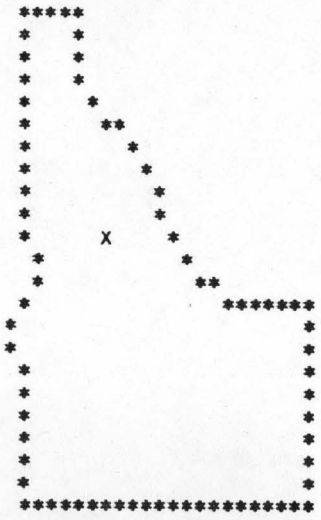
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R10E
D.	LATITUDE, LONGITUDE	45 53 115 11
E.	STREAM NAME	MEADOW CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	10.6 TO 20.3

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY



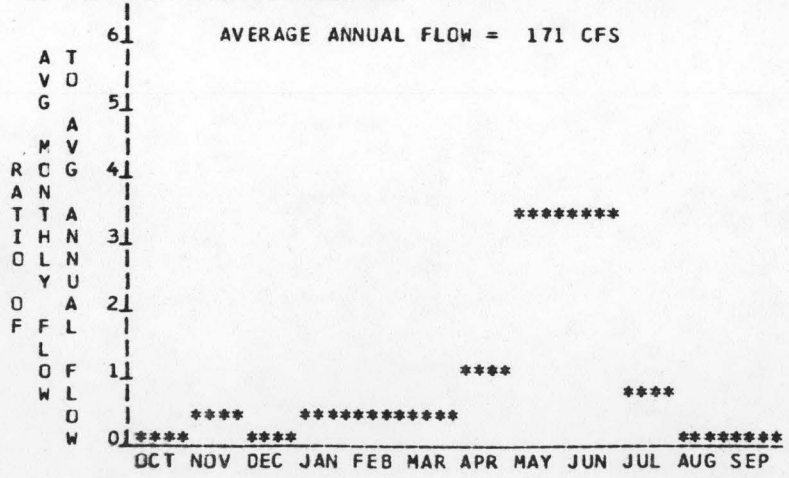
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

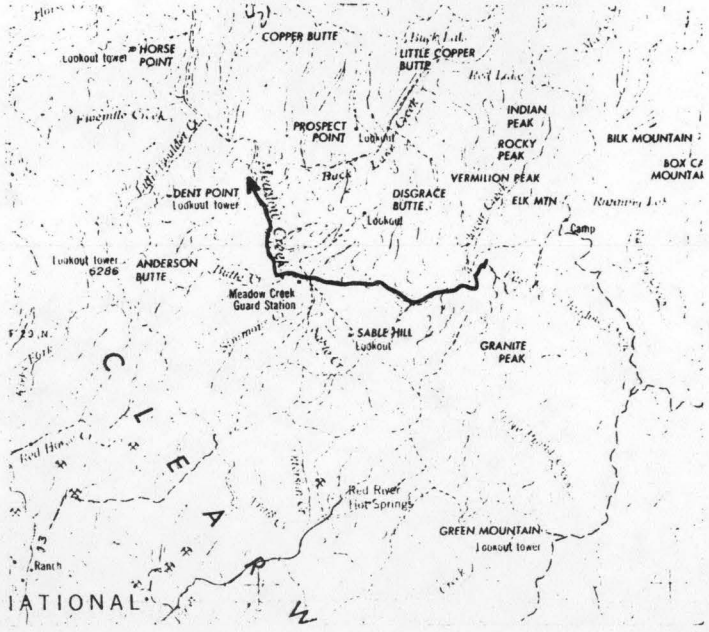
A.	UPSTREAM ELEVATION OF REACH	4080 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2760 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1320 FT.
D.	AVERAGE SLOPE IN REACH	136.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	143 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	2.39	20.87	1.00
80	32	3.86	32.12	0.95
50	62	7.37	52.10	0.81
30	131	15.39	80.20	0.59
10	563	66.20	169.22	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004002CR0140

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T33N R12E
D.	LATITUDE, LONGITUDE	46 9 114 53
E.	STREAM NAME	MOOSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.8

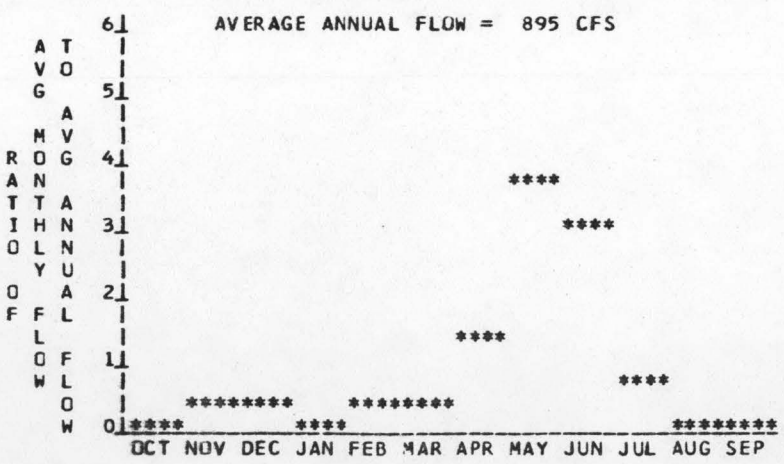
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2320 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2200 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	120 FT.
D.	AVERAGE SLOPE IN REACH	31.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	368 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	114	1.16	10.17	1.00
80	183	1.87	15.58	0.95
50	348	3.54	25.08	0.81
30	713	7.25	38.09	0.60
10	2854	29.02	76.24	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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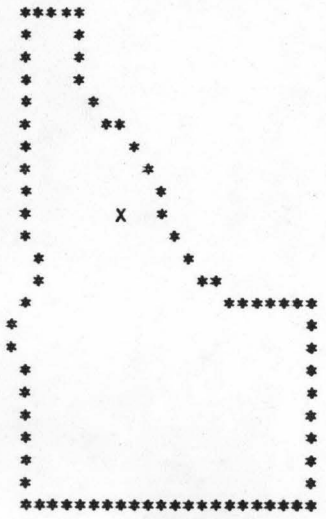
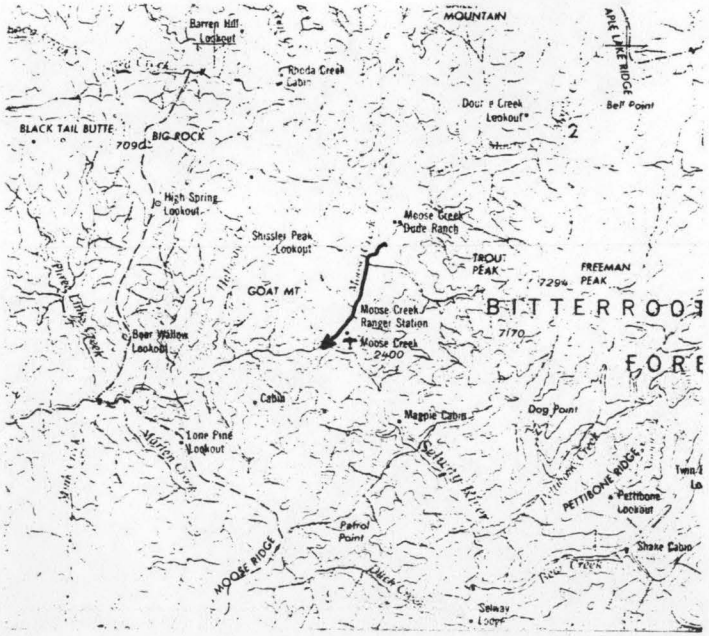
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400200R0155

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T33N R12E
D.	LATITUDE, LONGITUDE	46 12 114 57
E.	STREAM NAME	MOOSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	3.8 TO 10.1

LOCATION MAPS

U.S. TOPO SERIES
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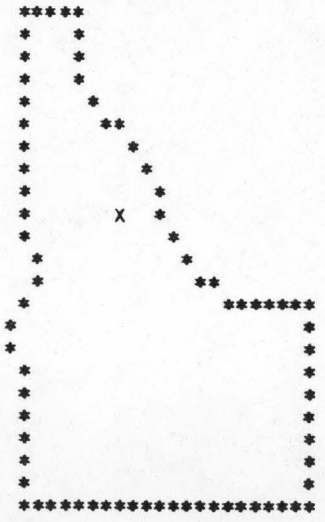
SCALE

MAP NAME
HAMILTON



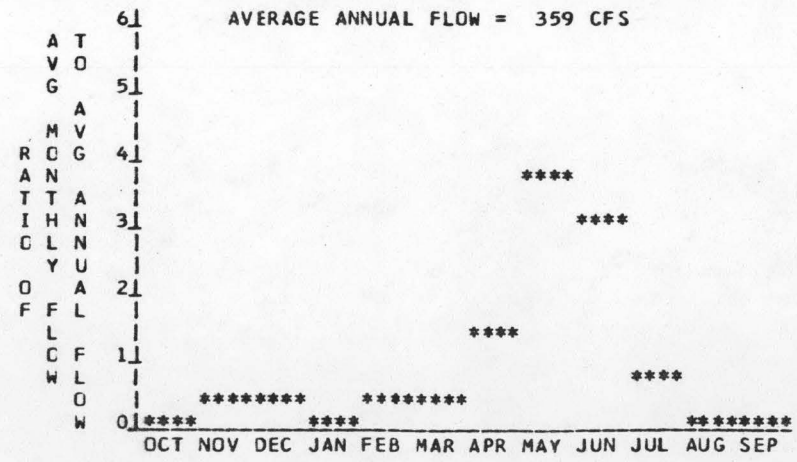
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

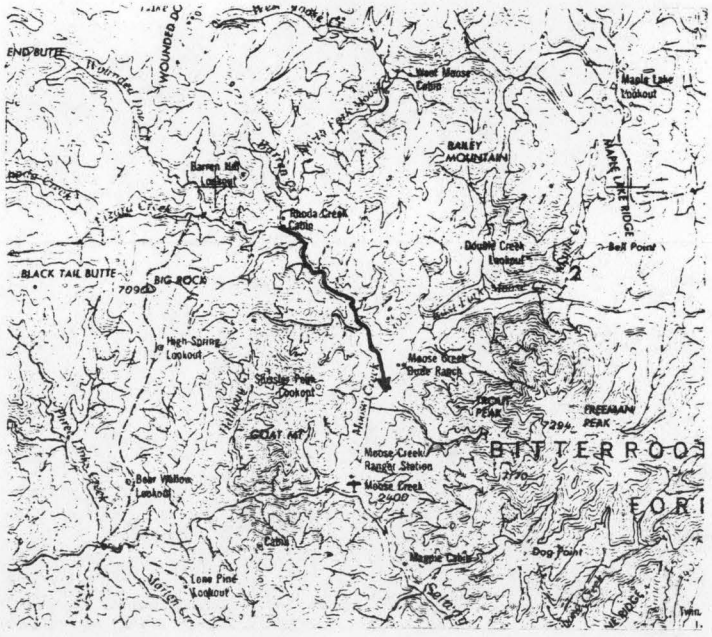
A.	UPSTREAM ELEVATION OF REACH	2960 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	640 FT.
D.	AVERAGE SLOPE IN REACH	101.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	155 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	44	2.39	20.88	1.00
80	71	3.85	32.07	0.95
50	135	7.32	51.84	0.81
30	279	15.17	79.32	C.60
10	1164	63.17	163.41	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004002CR0160

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T33N R13E
D.	LATITUDE, LONGITUDE	46 12 114 45
E.	STREAM NAME	EA.FORK MOOSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 13.1

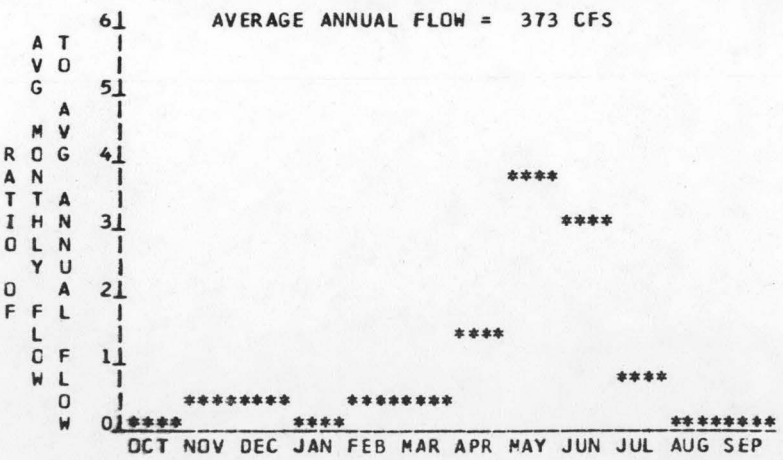
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3160 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	840 FT.
D.	AVERAGE SLOPE IN REACH	64.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	194 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	3.27	28.51	1.00
80	73	5.26	43.78	0.95
50	140	10.00	70.77	0.81
30	290	20.69	108.24	0.60
10	1208	86.04	222.73	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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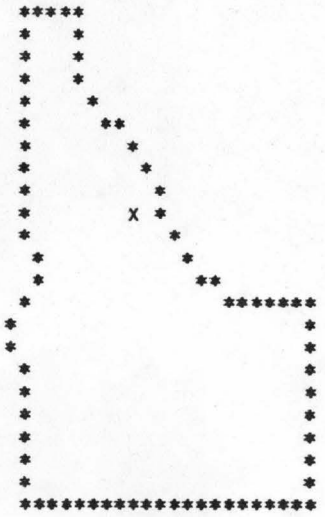
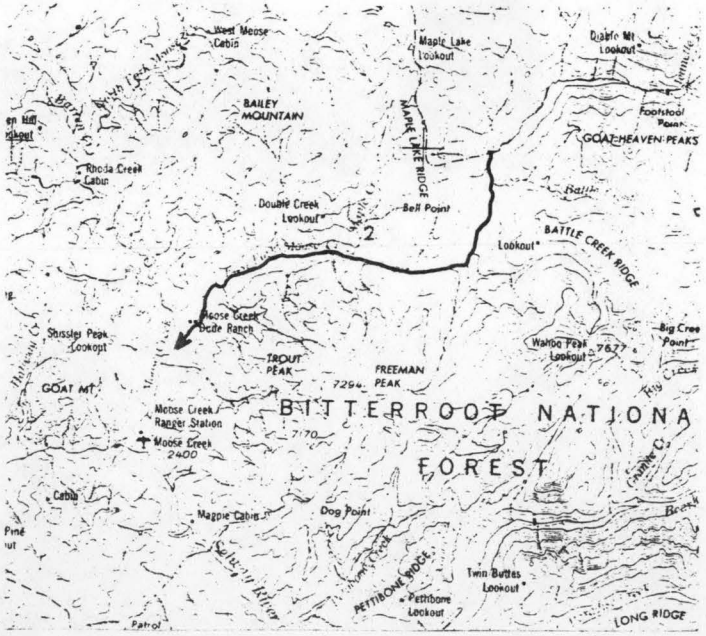
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0170

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T34N R15E
D.	LATITUDE, LONGITUDE	46 16 114 36
E.	STREAM NAME	EA. FORK MOOSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	13.1 TO 19.6

LOCATION MAPS

U.S. TOPO SERIES
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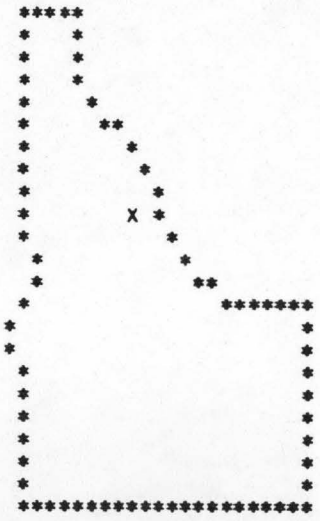
SCALE

MAP NAME
HAMILTON



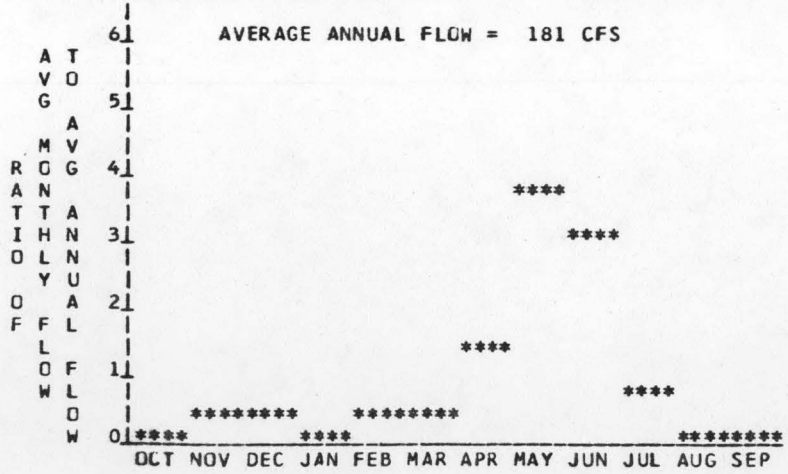
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

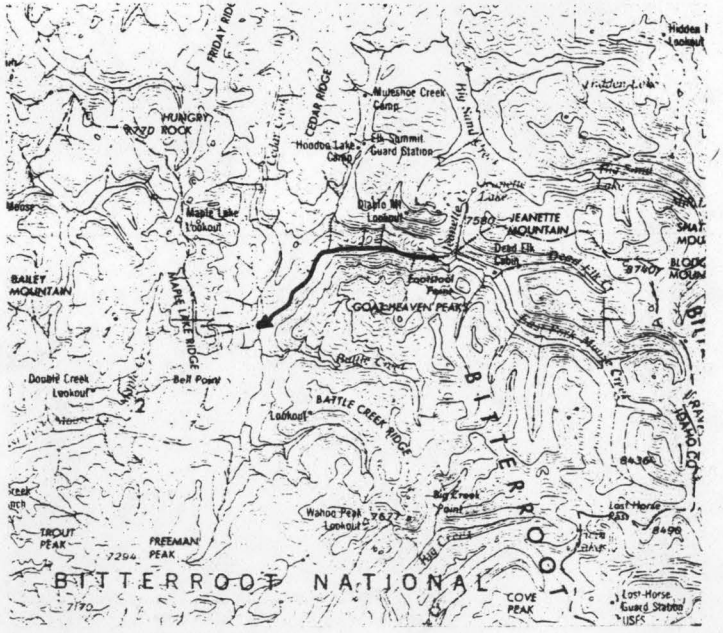
A.	UPSTREAM ELEVATION OF REACH	4480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3160 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1320 FT.
D.	AVERAGE SLOPE IN REACH	203.1 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	98 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	2.54	22.13	1.00
80	34	4.09	34.05	0.95
50	66	7.81	55.22	0.81
30	138	16.30	84.96	0.60
10	595	69.93	178.94	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024CC40020R0145

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T34N R12E
D.	LATITUDE, LONGITUDE	46 17 114 53
E.	STREAM NAME	NO.FORK MOOSE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 6.5

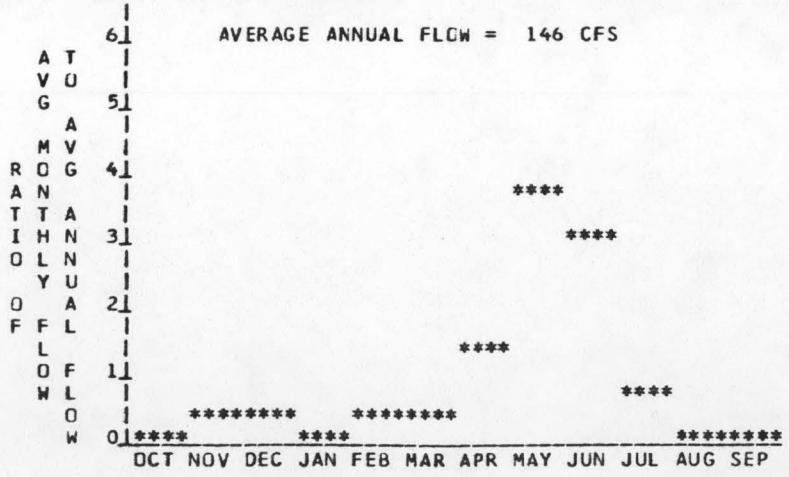
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4000 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2960 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1040 FT.
D.	AVERAGE SLOPE IN REACH	160.0 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	17	1.62	14.10	1.00
80	27	2.61	21.71	0.95
50	53	4.98	35.24	0.81
30	111	10.43	54.32	C.59
10	482	45.18	115.20	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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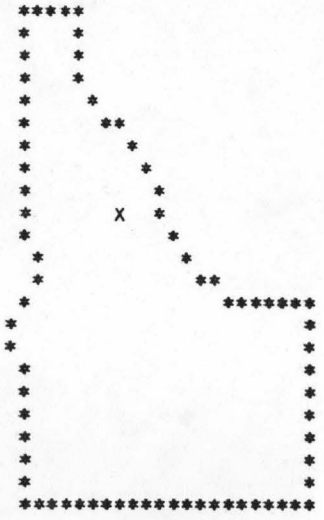
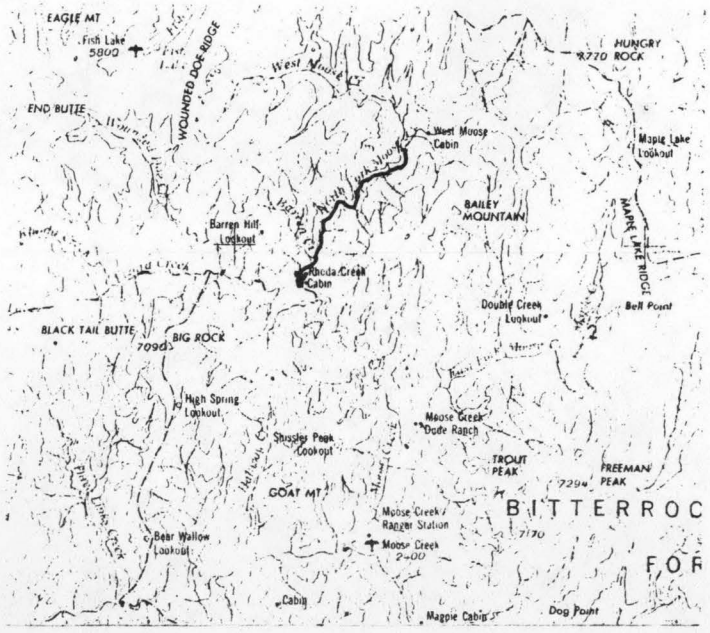
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0150

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T34N R11E
D.	LATITUDE, LONGITUDE	46 15 115 3
E.	STREAM NAME	LIZARD CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 2.7

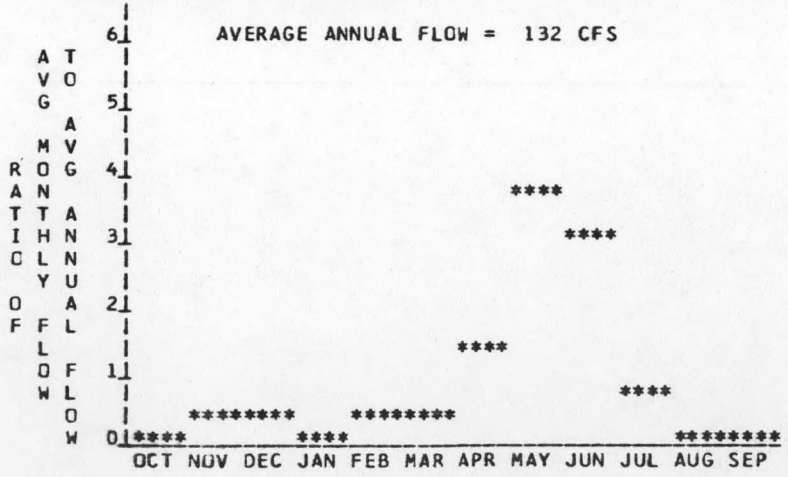
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4400 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2960 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	1440 FT.
D.	AVERAGE SLOPE IN REACH	533.3 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	15	1.98	17.29	1.00
80	25	3.20	26.63	0.95
50	47	6.12	43.24	0.81
30	100	12.81	66.70	0.59
10	436	55.75	141.92	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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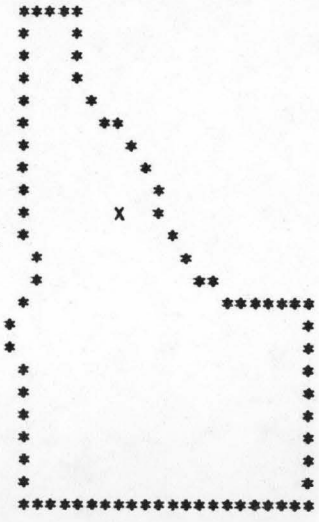
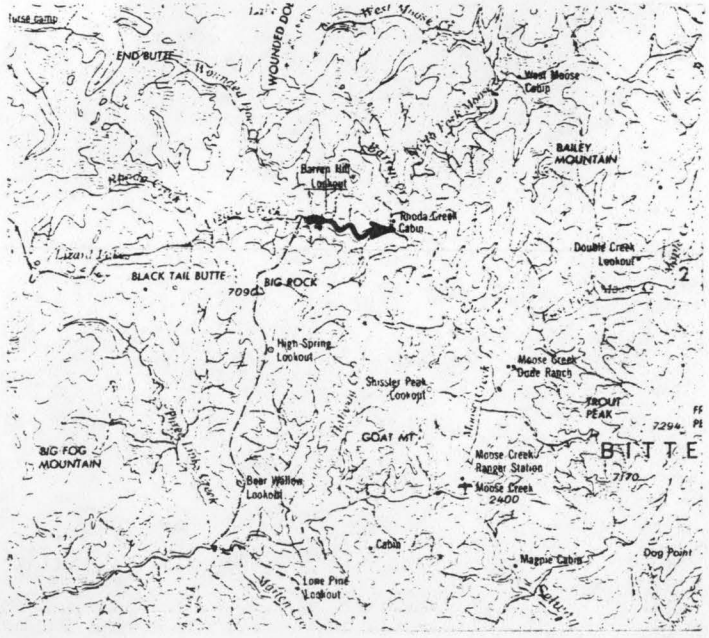
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C040020R0195

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T31N R13E
D.	LATITUDE, LONGITUDE	46 2 114 47
E.	STREAM NAME	BEAR CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 5.1

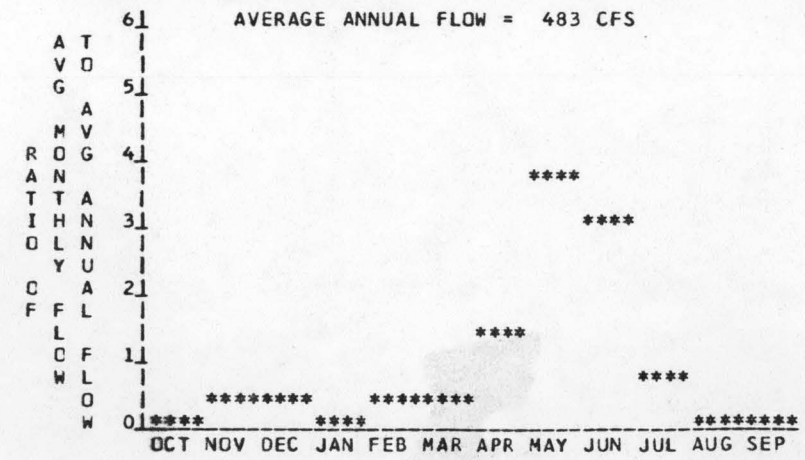
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2820 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2570 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	250 FT.
D.	AVERAGE SLOPE IN REACH	49.0 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	60	1.27	11.12	1.00
80	96	2.05	17.07	0.95
50	183	3.89	27.56	0.81
30	379	8.03	42.07	0.60
10	1558	33.03	85.86	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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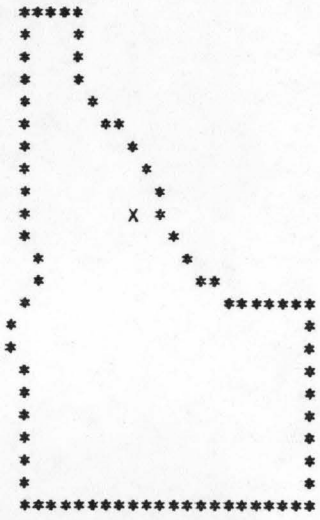
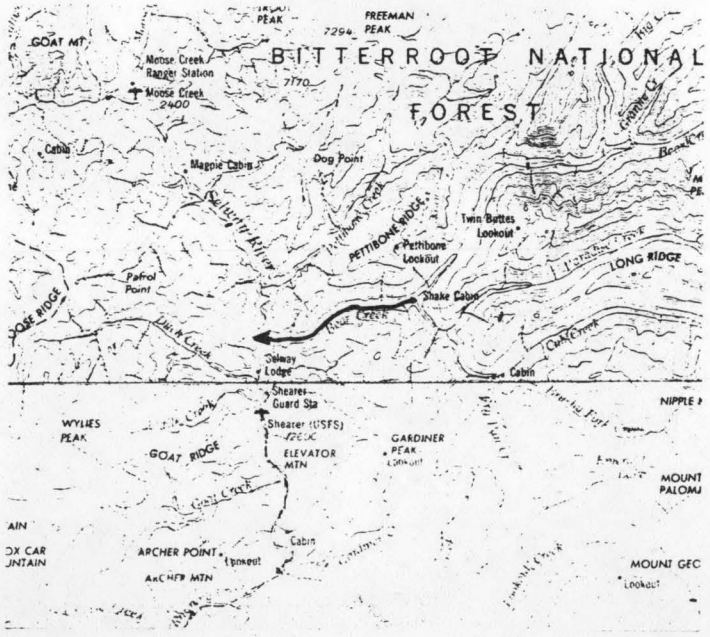
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0185

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R14E
D.	LATITUDE, LONGITUDE	46 6 114 40
E.	STREAM NAME	BEAR CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	5.1 TO 10.6

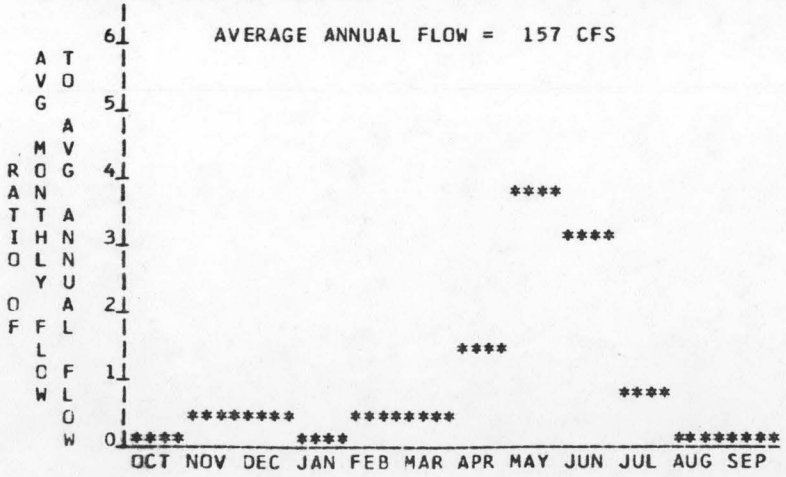
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2800 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	680 FT.
D.	AVERAGE SLOPE IN REACH	123.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	76 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	1.18	10.26	1.00
80	30	1.90	15.79	0.95
50	57	3.62	25.62	0.81
30	119	7.57	39.47	0.59
10	517	32.71	83.50	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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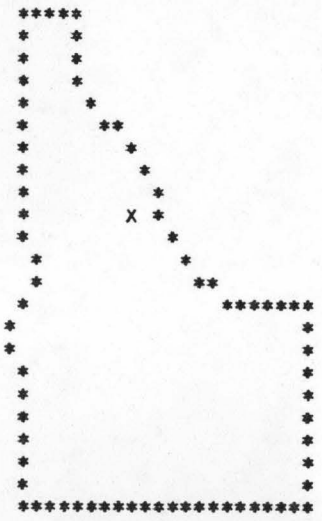
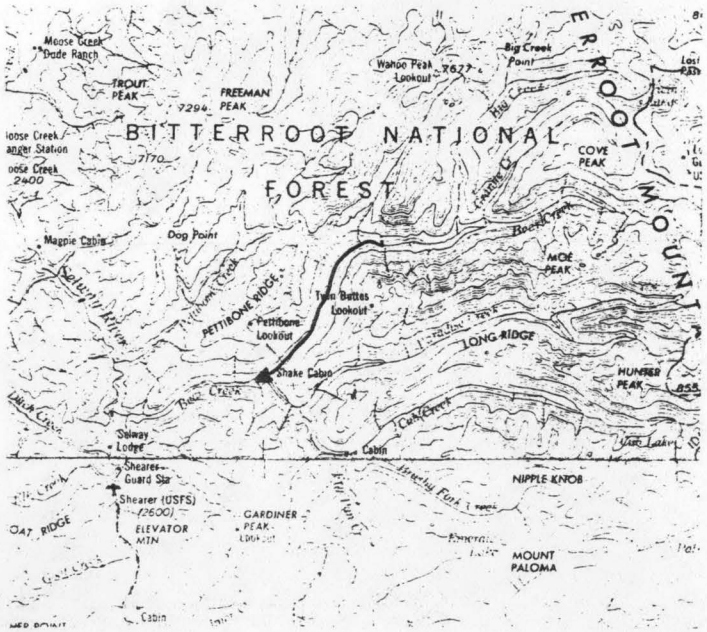
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020RG190

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T31N R14E
D.	LATITUDE, LONGITUDE	46 0 114 37
E.	STREAM NAME	PARADISE CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 1.3

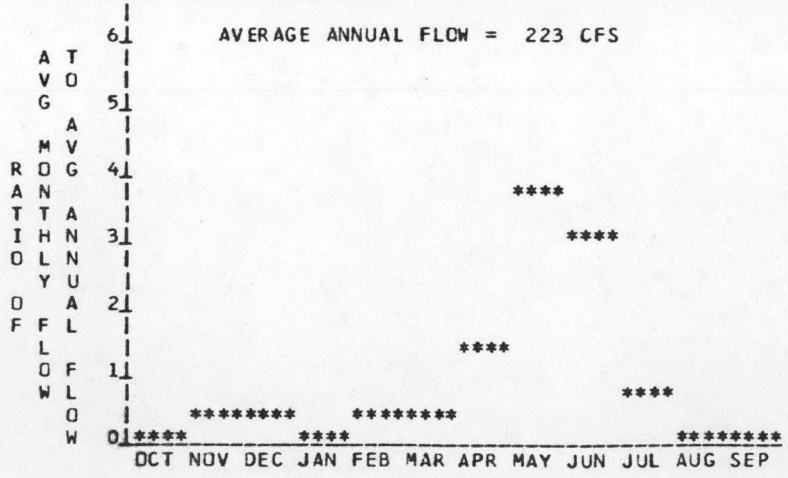
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3070 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2840 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	230 FT.
D.	AVERAGE SLOPE IN REACH	176.9 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	26	0.67	5.88	1.00
80	43	1.09	9.04	0.95
50	82	2.07	14.64	0.81
30	171	4.31	22.49	0.60
10	730	18.33	47.05	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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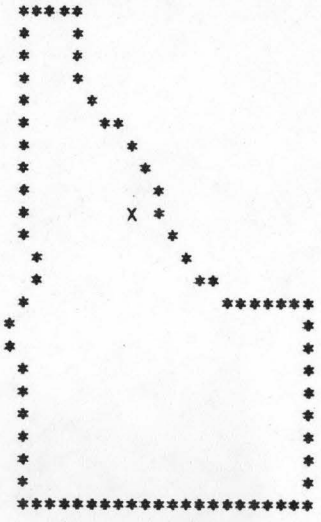
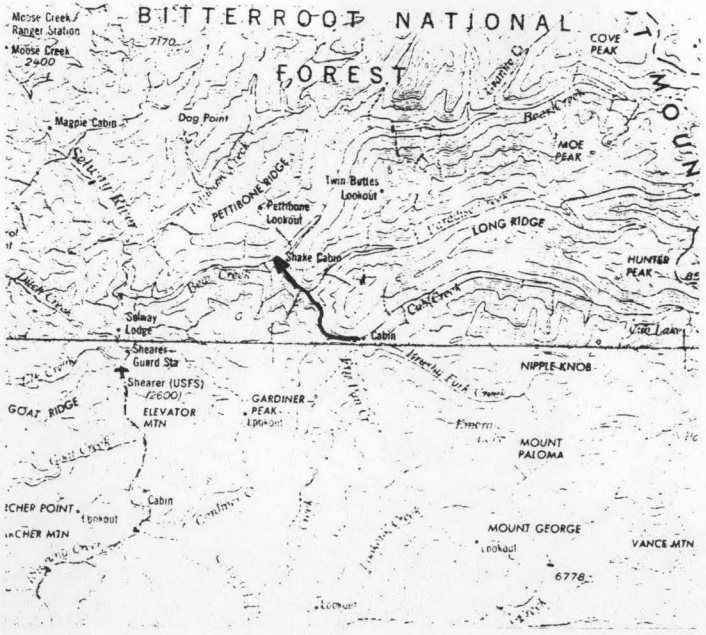
MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004002CR0205

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R12E
D.	LATITUDE, LONGITUDE	45 52 114 52
E.	STREAM NAME	RUNNING CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 3.0

LOCATION MAPS

U.S. TOPO SERIES
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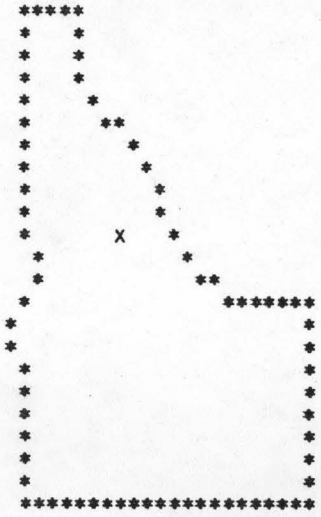
SCALE

MAP NAME
ELK CITY



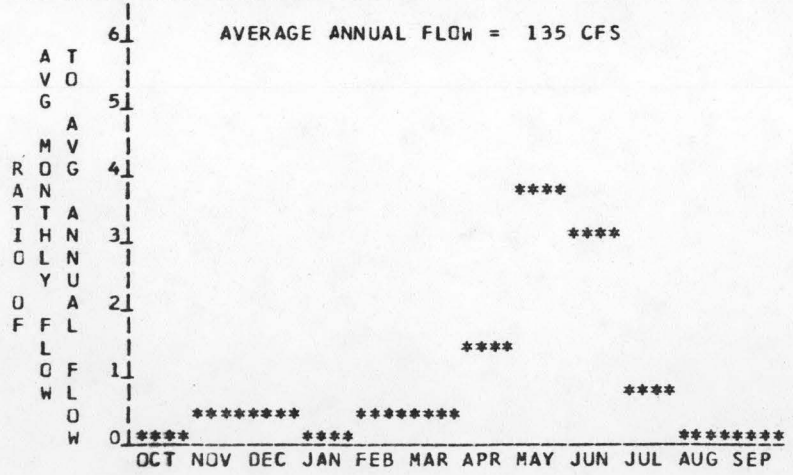
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

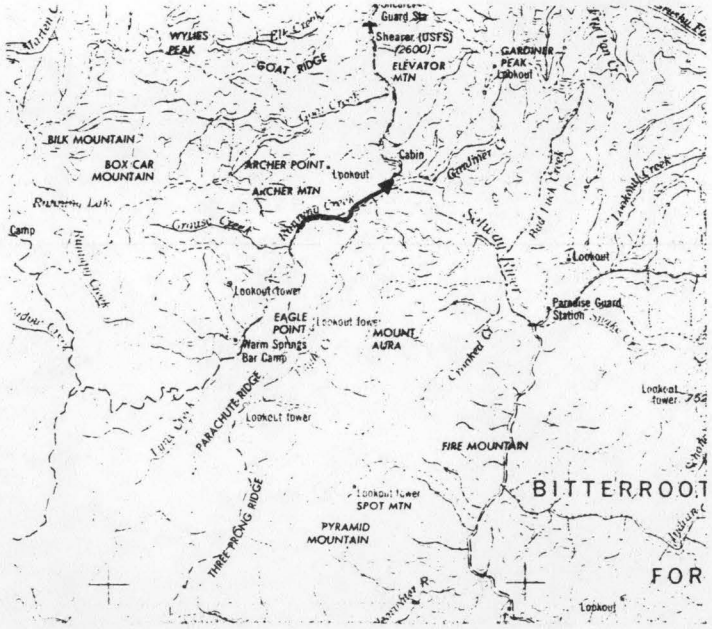
A.	UPSTREAM ELEVATION OF REACH	3140 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2780 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	360 FT.
D.	AVERAGE SLOPE IN REACH	120.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	92 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	15	0.57	5.00	1.00
80	25	0.92	7.70	0.95
50	48	1.77	12.50	0.81
30	102	3.70	19.28	0.59
10	445	16.10	40.99	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 03500240040020R0215

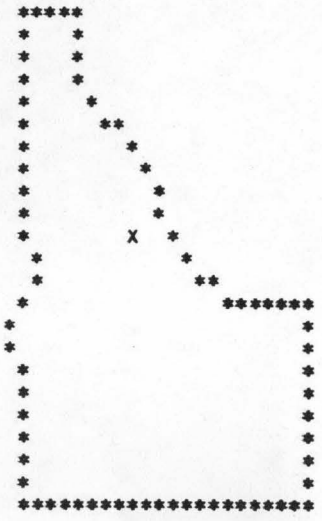
I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T30N R16E
D.	LATITUDE, LONGITUDE	45 55 114 35
E.	STREAM NAME	WHITE CAP CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 9.4

LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY



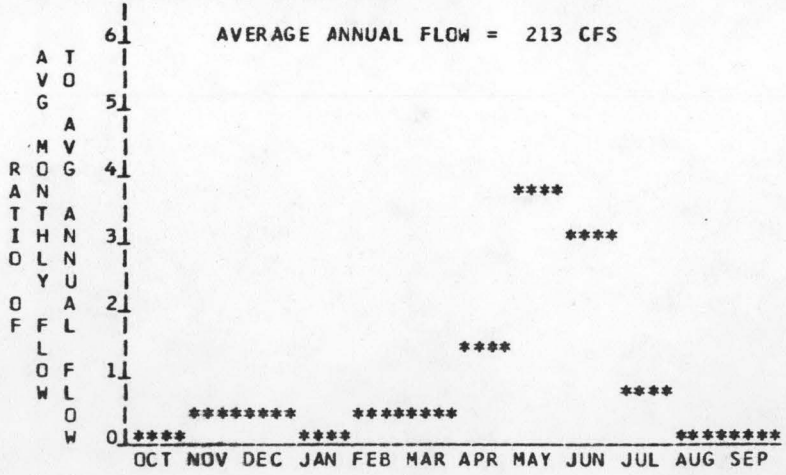
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

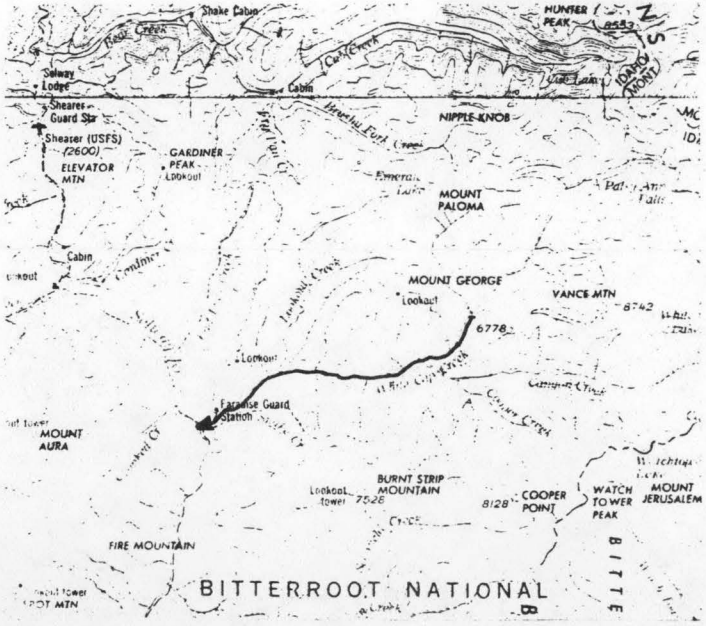
A.	UPSTREAM ELEVATION OF REACH	3890 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3060 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	830 FT.
D.	AVERAGE SLOPE IN REACH	88.3 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	129 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

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	1.94	16.96	1.00
80	41	3.13	26.09	0.95
50	78	5.98	42.27	0.81
30	163	12.45	64.95	0.60
10	698	53.04	136.07	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400 20R0225

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T28N R13E
D.	LATITUDE, LONGITUDE	45 42 114 52
E.	STREAM NAME	LITTLE CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.3 TO 2.4

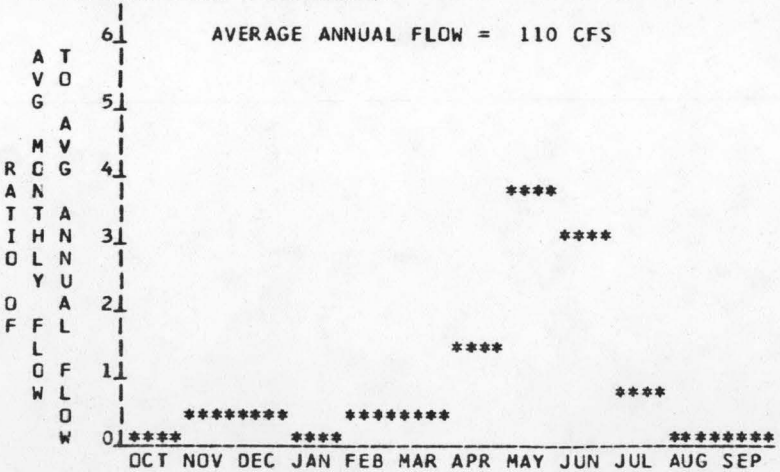
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4375 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3615 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	760 FT.
D.	AVERAGE SLOPE IN REACH	361.9 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	70 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	0.90	7.86	1.00
80	20	1.45	12.10	0.95
50	39	2.78	19.67	0.81
30	83	5.84	30.39	0.59
10	366	25.62	65.04	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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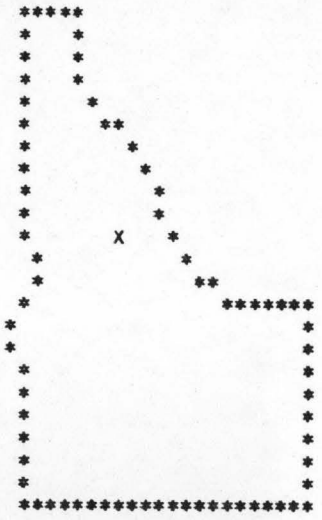
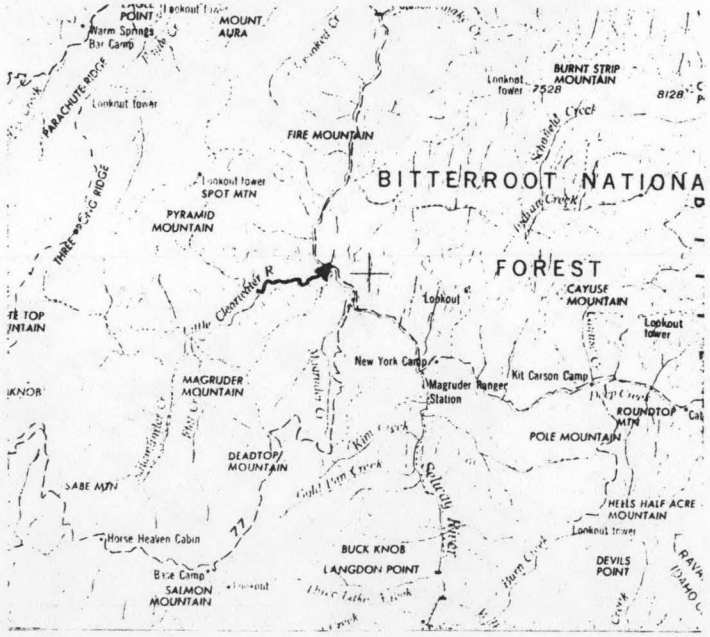
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04C025R0002

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T32N R04E
D.	LATITUDE, LONGITUDE	46 7 115 59
E.	STREAM NAME	SO. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 4.4

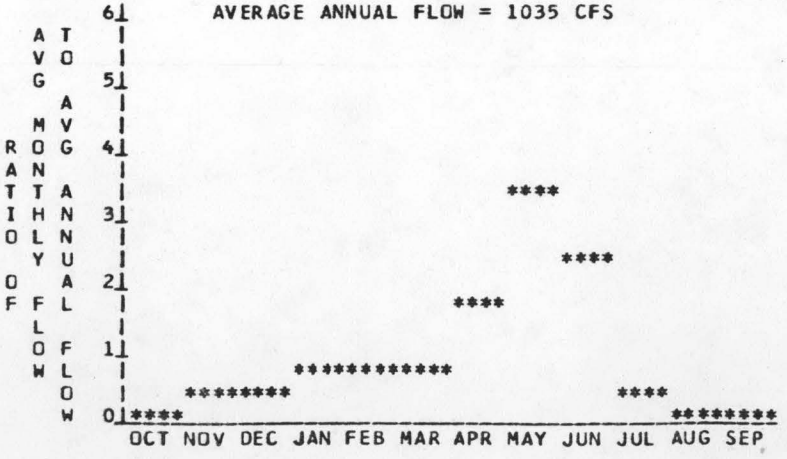
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1320 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1230 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	90 FT.
D.	AVERAGE SLOPE IN REACH	20.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	1182 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	133	1.02	8.87	1.00
80	213	1.63	13.59	0.95
50	404	3.08	21.86	0.81
30	827	6.31	33.16	0.60
10	3289	25.09	66.07	0.30

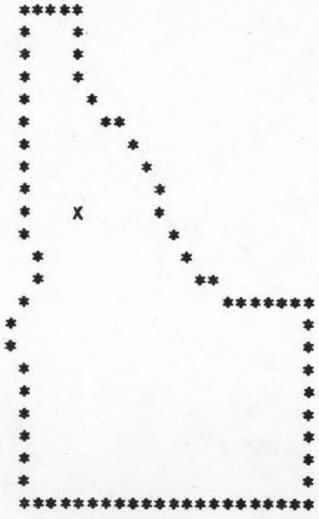
IV TYPICAL ANNUAL HYDROGRAPH

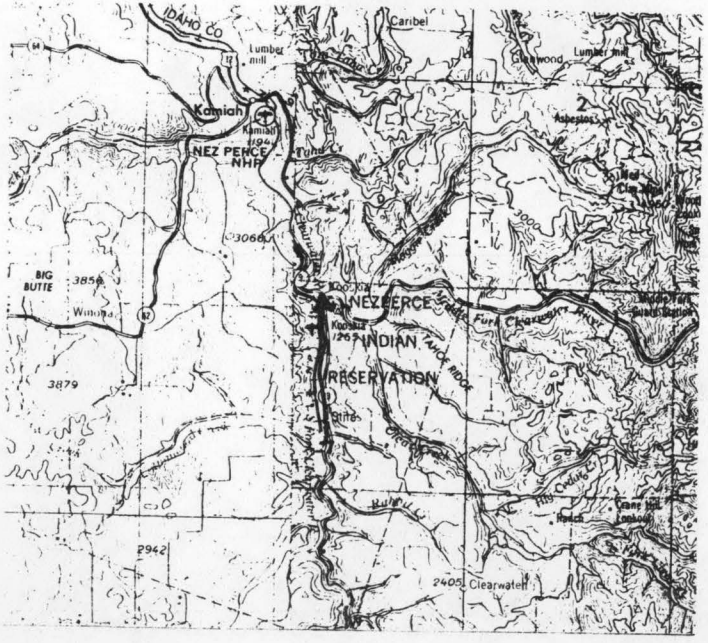


LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
HAMILTON





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0006

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T31N R04E
D.	LATITUDE, LONGITUDE	46 0 116 0
E.	STREAM NAME	SO. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	4.4 TO 19.3

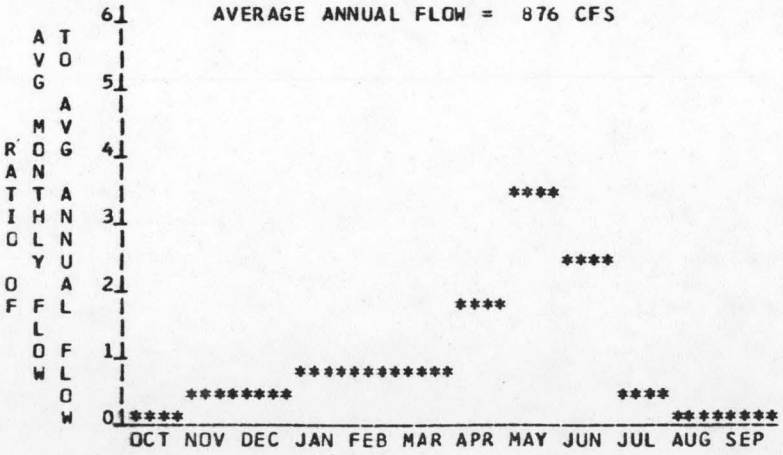
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	1820 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1320 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	500 FT.
D.	AVERAGE SLOPE IN REACH	33.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	972 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	111	4.74	41.39	1.00
80	179	7.62	63.44	0.95
50	340	14.41	102.13	0.81
30	697	29.54	155.14	0.60
10	2792	118.34	310.71	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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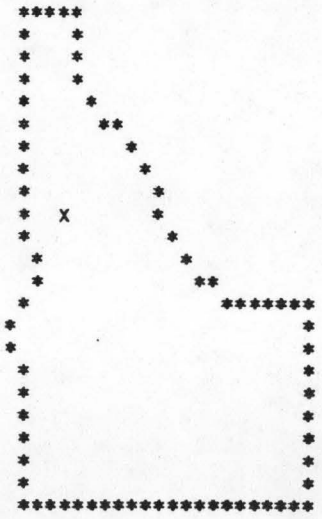
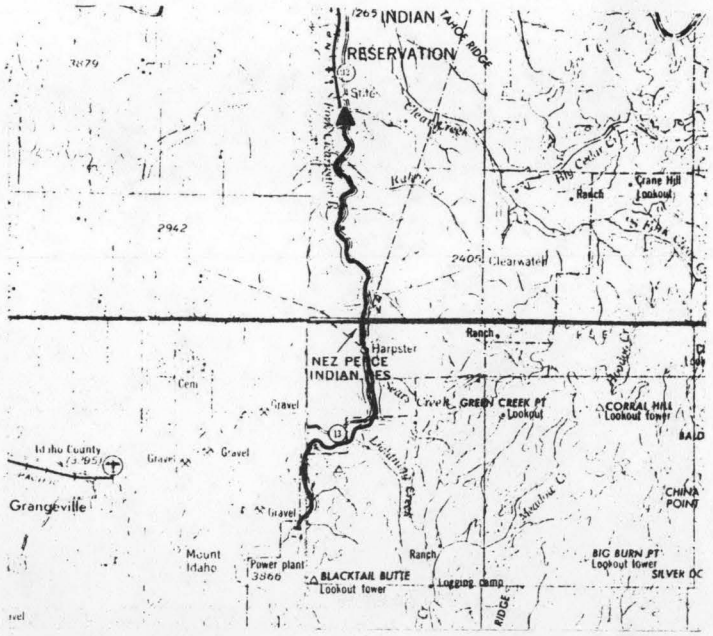
SCALE

MAP NAME
PULLMAN





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0010

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R04E
D.	LATITUDE, LONGITUDE	45 50 115 55
E.	STREAM NAME	SO.FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	19.3 TO 33.6

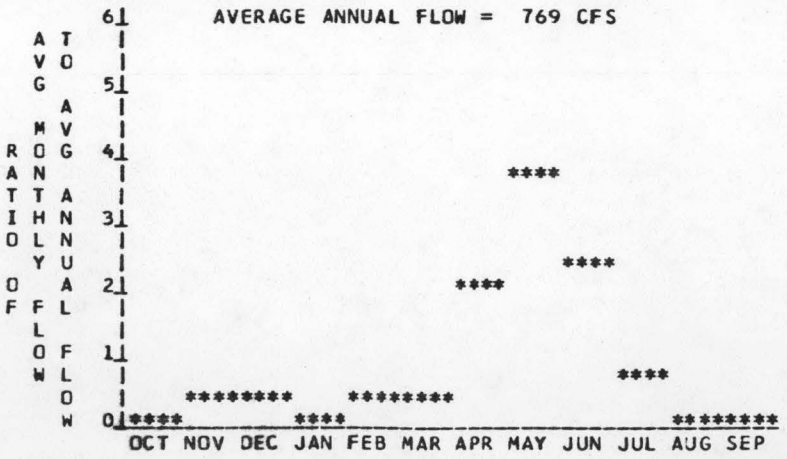
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2480 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	1820 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	660 FT.
D.	AVERAGE SLOPE IN REACH	46.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	839 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	97	5.47	47.73	1.00
80	157	8.79	73.17	0.95
50	297	16.64	117.87	0.81
30	610	34.15	179.23	0.60
10	2459	137.57	360.43	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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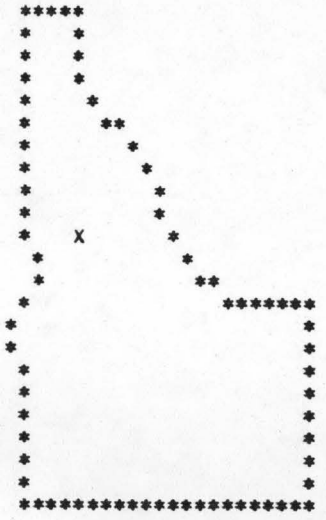
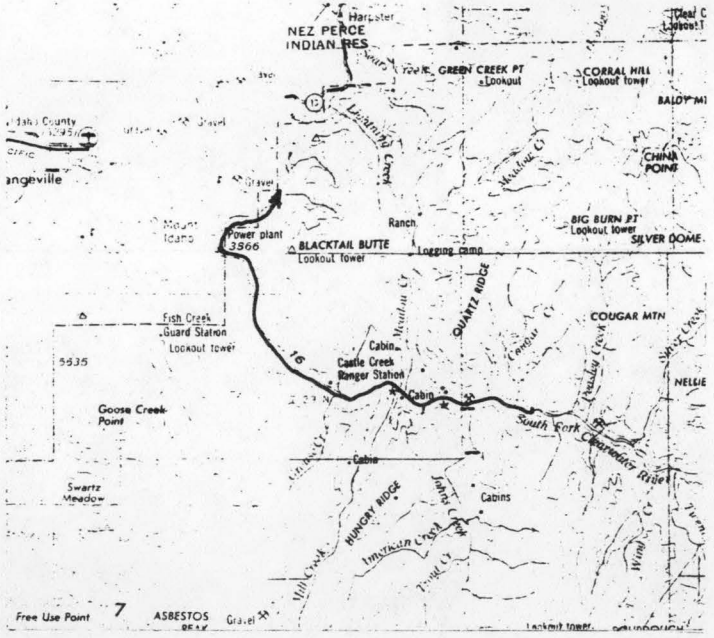
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0018

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R06E
D.	LATITUDE, LONGITUDE	45 50 115 45
E.	STREAM NAME	SO. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	33.6 TO 43.6

LOCATION MAPS

U.S. TOPO SERIES
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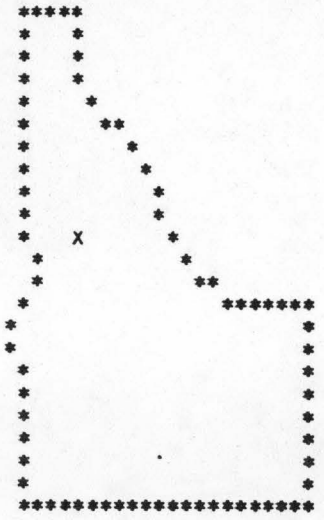
SCALE

MAP NAME
ELK CITY



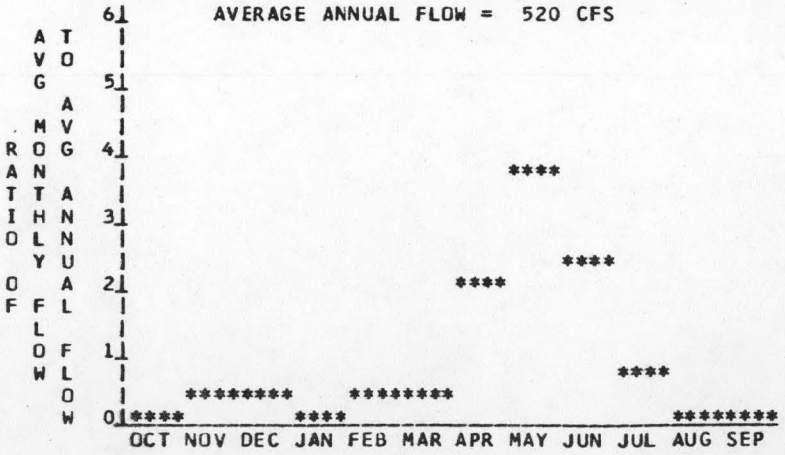
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

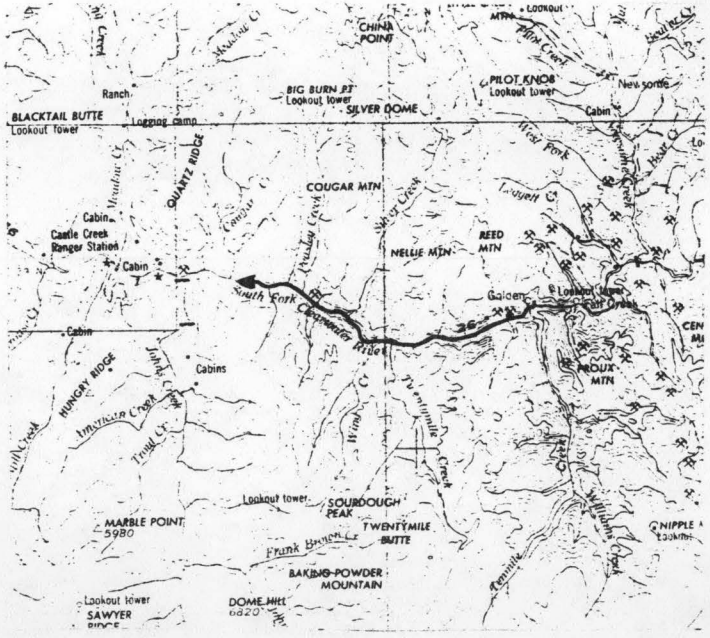
A.	UPSTREAM ELEVATION OF REACH	3390 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2480 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	910 FT.
D.	AVERAGE SLOPE IN REACH	91.0 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	590 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	64	5.01	43.72	1.00
80	104	8.06	67.09	0.95
50	198	15.29	108.27	0.81
30	408	31.53	165.16	0.60
10	1675	129.19	336.27	0.30

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0022

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R07E
D.	LATITUDE, LONGITUDE	45 49 115 38
E.	STREAM NAME	SO. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	43.6 TO 47.5

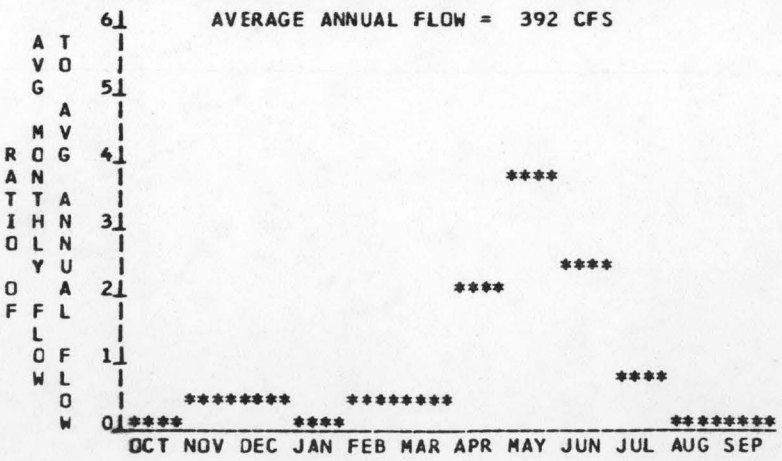
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3630 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3390 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	240 FT.
D.	AVERAGE SLOPE IN REACH	61.5 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	438 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	48	0.98	8.58	1.00
80	77	1.58	13.17	0.95
50	147	3.01	21.28	0.81
30	305	6.22	32.54	0.60
10	1268	25.81	66.86	0.30

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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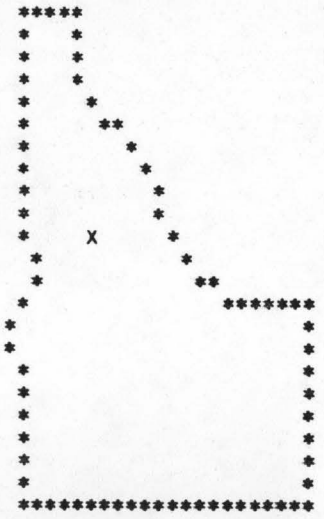
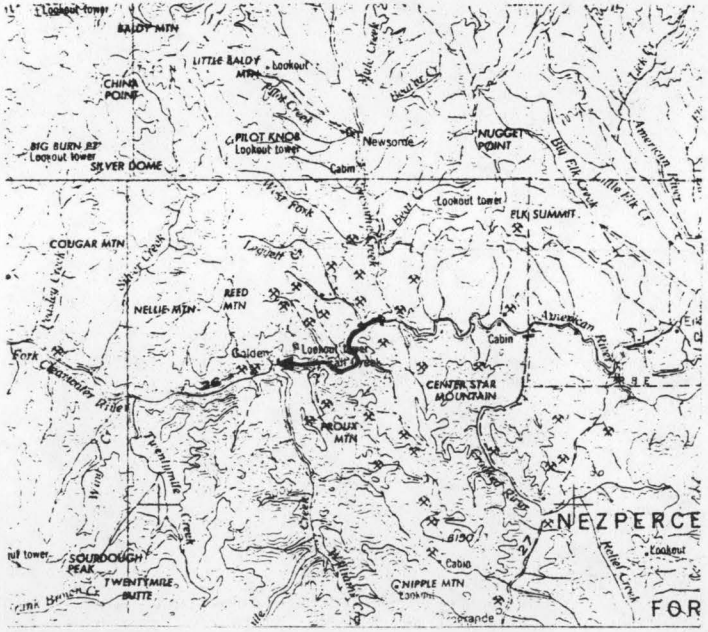
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0026

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R07E
D.	LATITUDE, LONGITUDE	45 50 115 35
E.	STREAM NAME	SO. FORK CLEARWATER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	47.5 TO 53.0

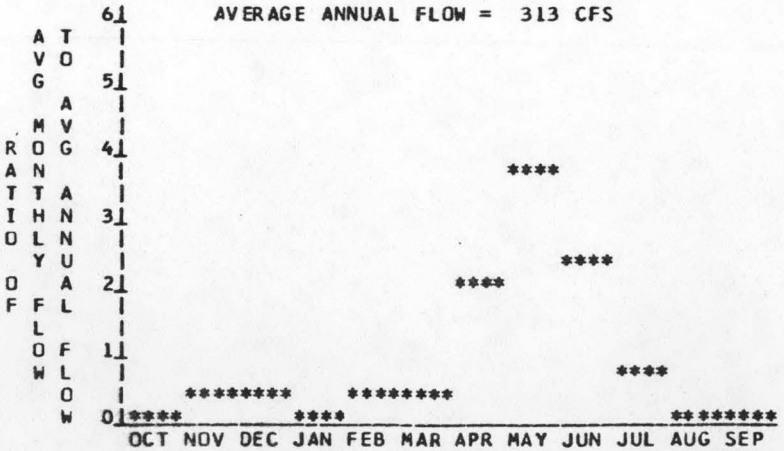
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3805 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3630 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	175 FT.
D.	AVERAGE SLOPE IN REACH	31.8 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	347 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	38	0.57	4.94	1.00
80	61	0.91	7.59	0.95
50	117	1.74	12.28	0.81
30	242	3.60	18.81	0.60
10	1017	15.08	38.93	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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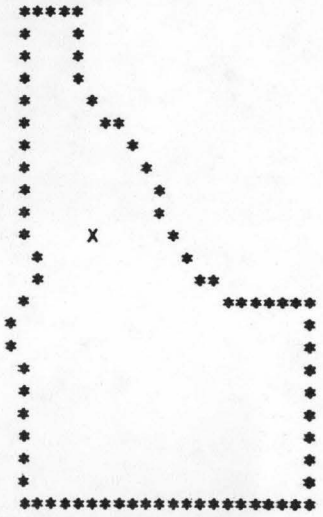
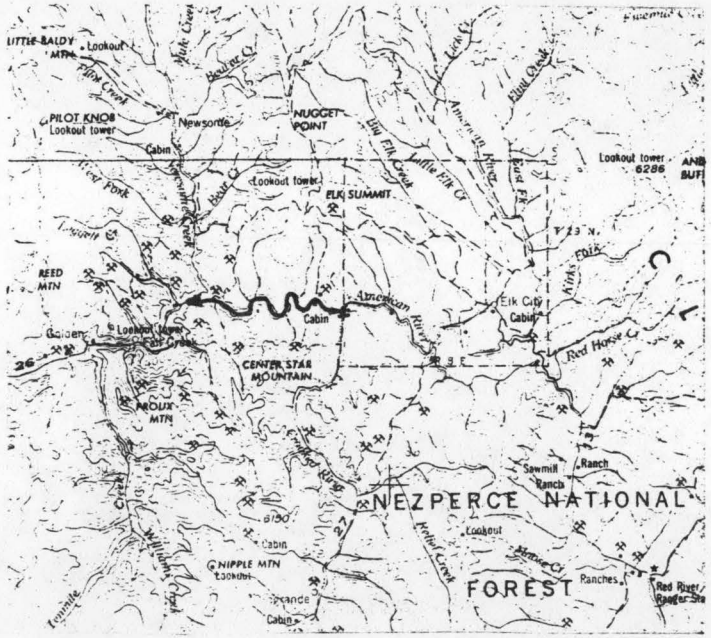
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 035002400400025R0028

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R 8E
D.	LATITUDE, LONGITUDE	45 49 115 30
E.	STREAM NAME	S F CLEARWATER RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	53.0 TO 56.9

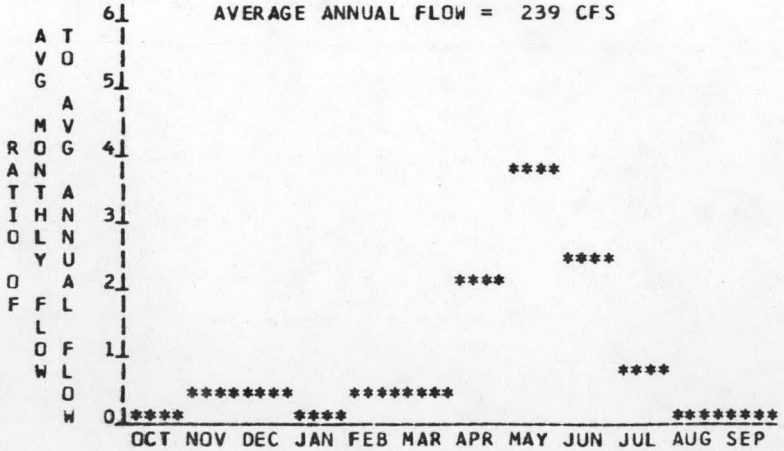
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	3880 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3805 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	75 FT.
D.	AVERAGE SLOPE IN REACH	19.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	263 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	0.18	1.60	1.00
80	46	0.30	2.46	0.95
50	88	0.56	3.99	0.81
30	184	1.17	6.12	0.60
10	781	4.97	12.77	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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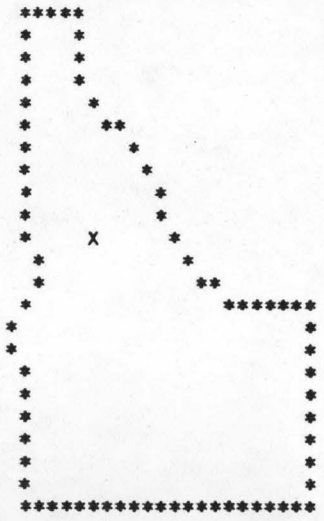
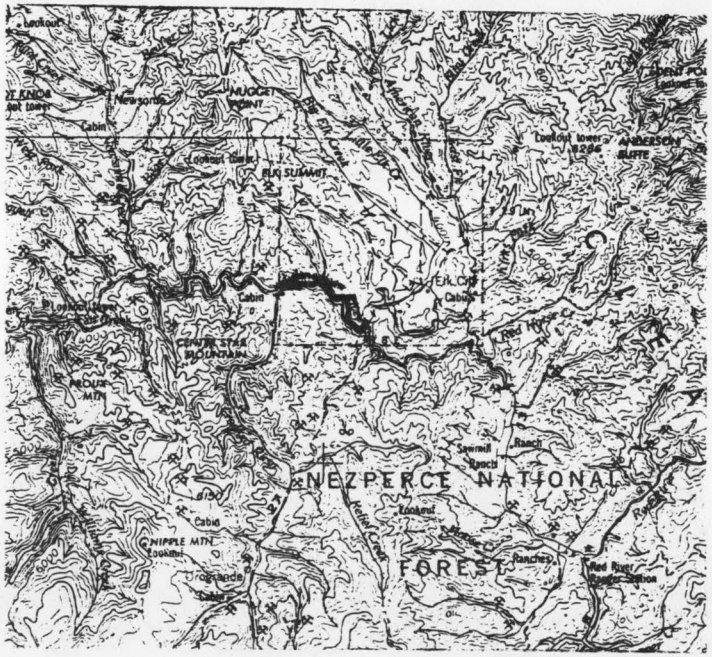
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024004C025R0014

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T27N R05E
D.	LATITUDE, LONGITUDE	45 40 115 55
E.	STREAM NAME	JOHNS CREEK
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 1.8

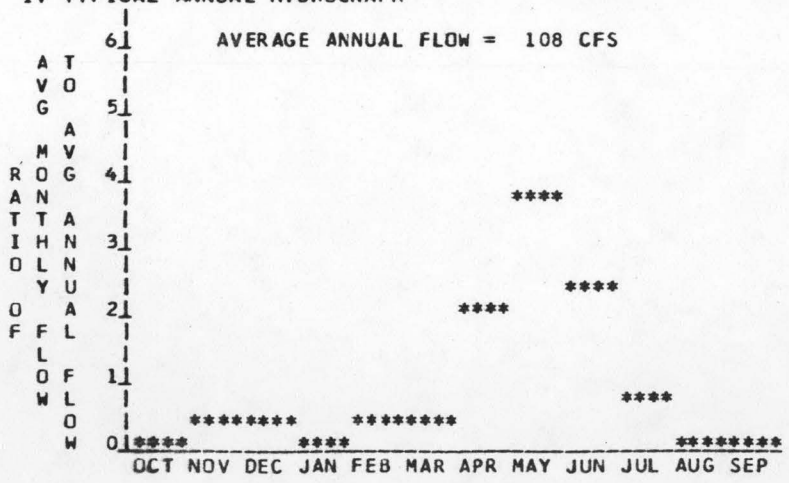
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	2680 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	2400 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	280 FT.
D.	AVERAGE SLOPE IN REACH	155.6 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	114 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	0.37	3.21	1.00
80	20	0.59	4.94	0.95
50	38	1.14	8.04	0.81
30	81	2.39	12.42	0.59
10	357	10.48	26.60	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
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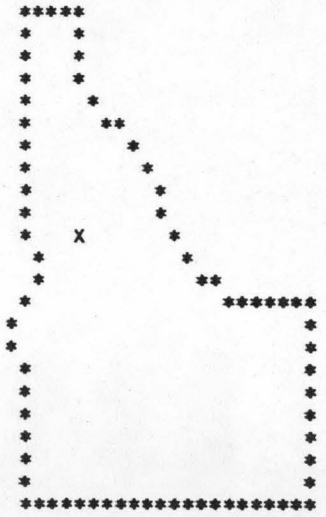
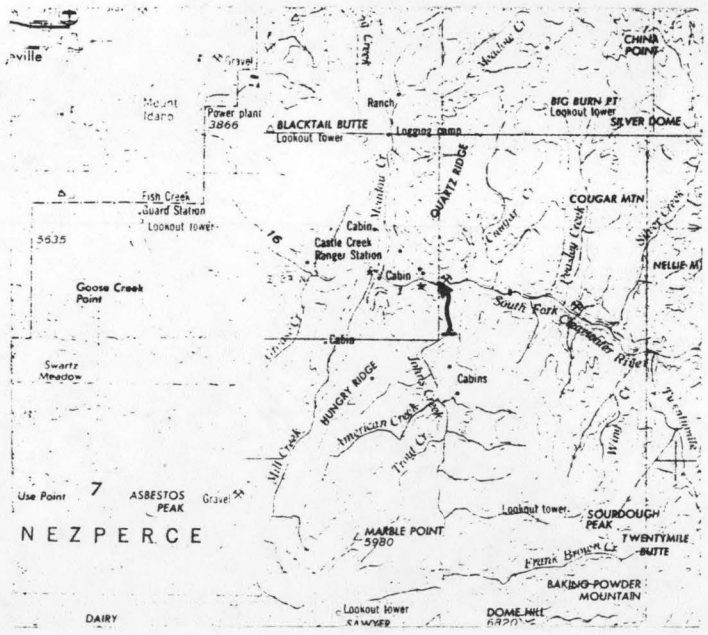
SCALE

MAP NAME
ELK CITY





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER 0350024C04C025R0032

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T29N R 8E
D.	LATITUDE, LONGITUDE	45 49 115 25
E.	STREAM NAME	AMERICAN RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 4.7

LOCATION MAPS

U.S. TOPO SERIES
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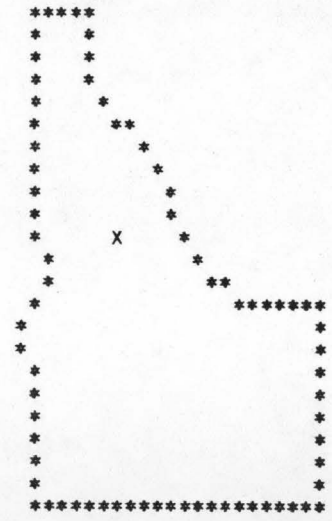
SCALE

MAP NAME
ELK CITY



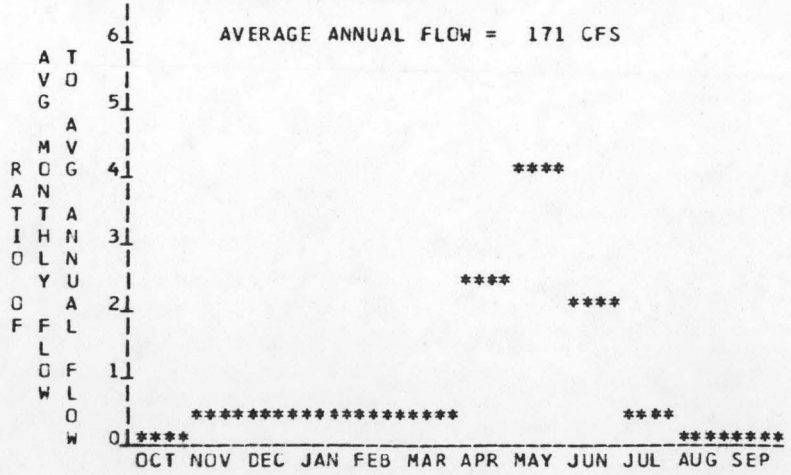
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

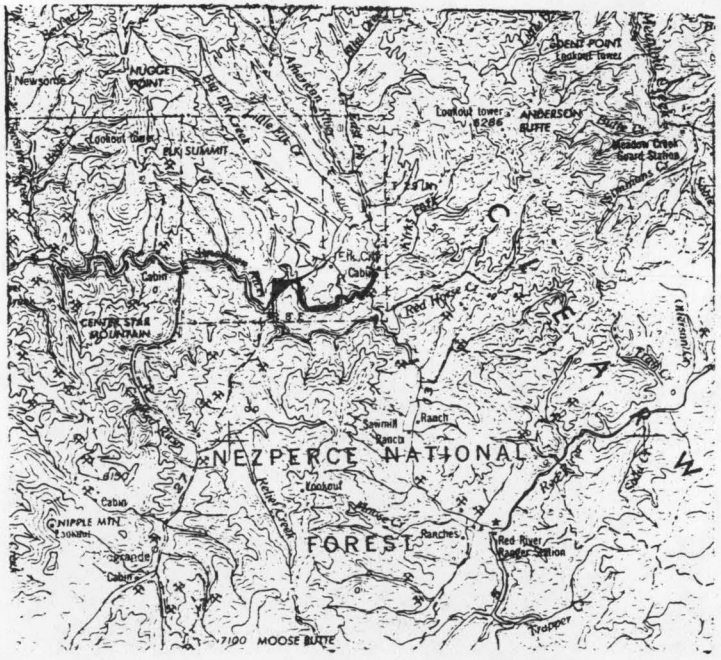
A.	UPSTREAM ELEVATION OF REACH	4050 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	170 FT.
D.	AVERAGE SLOPE IN REACH	36.2 FT./MI.
E.	DRAINAGE AREA ABOVE REACH MOUTH	92 SQ.MI.
F.	INFLOW CLASSIFICATION	NATURAL

III REACH FLOW DURATION AND THEORETICAL POTENTIAL ENERGY CHARACTERISTICS

EXCEEDANCE PERCENTAGE	DISCHARGE CFS	THEORETICAL PLANT SIZE MW	ANNUAL ENERGY AVAILABLE GWH	PLANT FACTOR
95	20	0.41	3.54	1.00
80	32	0.66	5.45	0.95
50	62	1.25	8.85	0.81
30	130	2.61	13.62	0.59
10	562	11.24	28.73	0.29

IV TYPICAL ANNUAL HYDROGRAPH





REACH HYDRO-POTENTIAL CHARACTERISTICS

REACH NUMBER J3500240040025R0C30

I LOCATION

A.	STATE	IDAHO
B.	COUNTY	IDAHO
C.	TOWNSHIP, RANGE	T28N R 8E
D.	LATITUDE, LONGITUDE	45 47 115 25
E.	STREAM NAME	RED RIVER
F.	MAJOR BASIN NAME	CLEARWATER RIVER
G.	RIVER MILE	0.0 TO 5.8

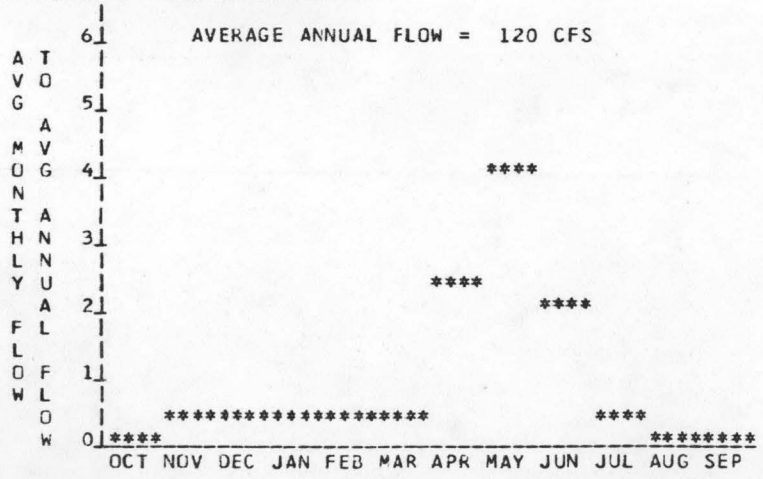
II HYDROLOGIC AND HYDRAULIC CHARACTERISTICS

A.	UPSTREAM ELEVATION OF REACH	4180 FT. MSL
B.	DOWNSTREAM ELEVATION OF REACH	3880 FT. MSL
C.	TOTAL AVAILABLE HEAD IN REACH	300 FT.
D.	AVERAGE SLOPE IN REACH	51.7 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	0.44	3.82	1.00
80	22	0.71	5.88	0.95
50	43	1.35	9.55	0.81
30	91	2.83	14.75	0.59
10	399	12.38	31.47	0.29

IV TYPICAL ANNUAL HYDROGRAPH



LOCATION MAPS

U.S. TOPO SERIES
1:250000
SCALE

MAP NAME
ELK CITY