

Figure 2

STATE OF IDAHO
 POTENTIAL AREAS FOR
 ENERGY PLANT SITING
 DEVELOPED AND POTENTIAL
 HYDROELECTRIC SITES

1975
 Idaho Water Resources Research Institute

SCALE 1:1,500,000
 0 10 20 30 40 50 Miles
 0 10 20 30 40 50 Kilometers

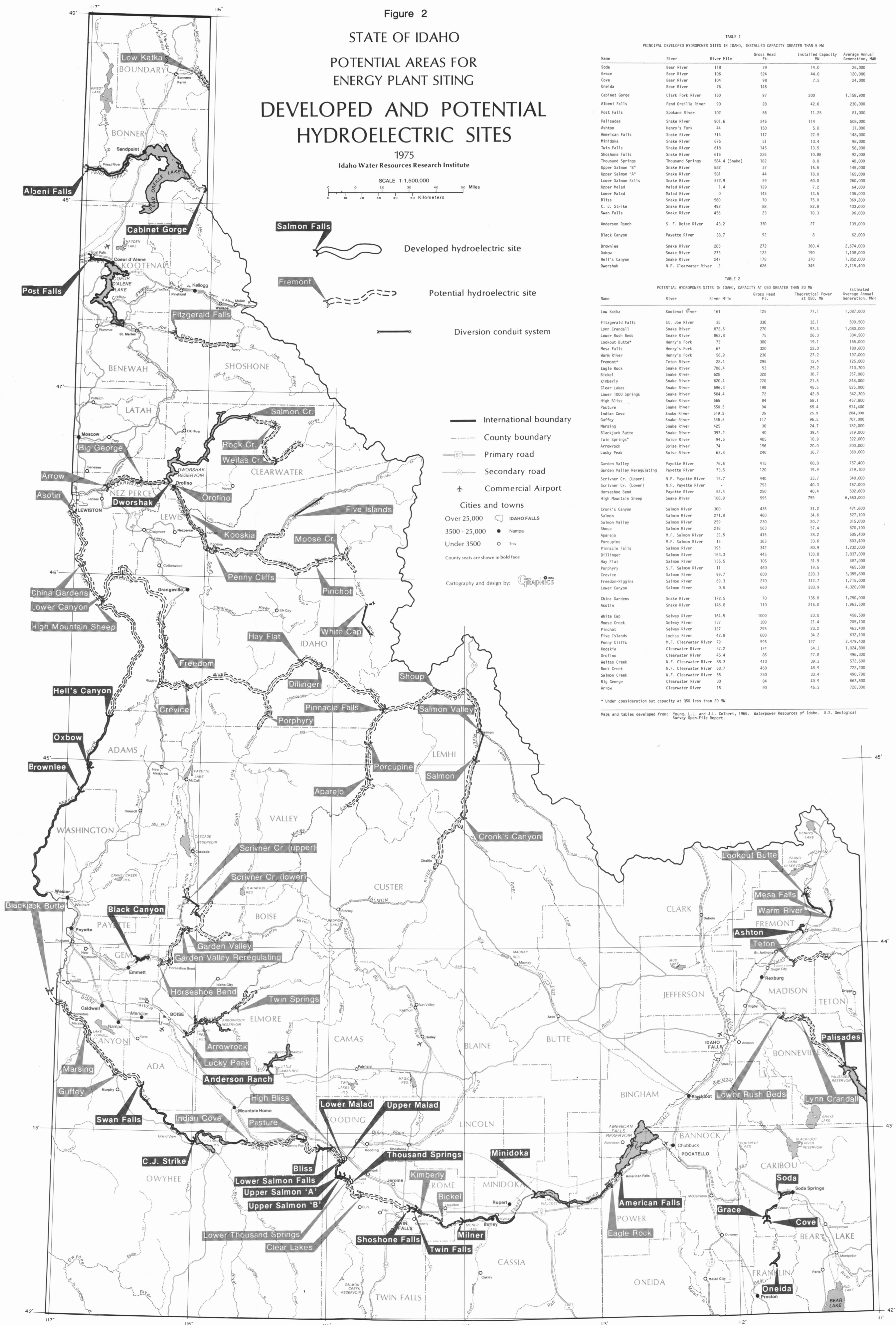


TABLE 1
 PRINCIPAL DEVELOPED HYDROPOWER SITES IN IDAHO, INSTALLED CAPACITY GREATER THAN 5 MW

Name	River	River Mile	Gross Head Ft.	Installed Capacity Mw	Average Annual Generation, MWh
Soda	Bear River	118	79	14.0	26,000
Grace	Bear River	106	524	44.0	120,000
Cove	Bear River	104	98	7.5	24,000
Omeida	Bear River	76	145		
Cabinet Gorge	Clark Fork River	150	97	200	1,158,900
Albion Falls	Pend Oreille River	90	28	42.6	230,000
Post Falls	Spokane River	102	56	11.25	81,000
Palisades	Snake River	901.6	245	114	508,000
Ashton	Henry's Fork	44	150	5.8	31,000
American Falls	Snake River	714	117	27.5	148,000
Minidoka	Snake River	475	51	13.4	90,000
Twin Falls	Snake River	618	145	13.5	58,500
Shoshone Falls	Snake River	615	226	10.88	92,000
Thousand Springs	Thousand Springs	584.4 (Snake)	182	8.0	40,000
Upper Salmon 'B'	Snake River	582	37	16.5	145,000
Upper Salmon 'A'	Snake River	581	44	18.0	165,000
Lower Salmon Falls	Snake River	572.9	59	60.0	260,000
Upper Malad	Malad River	1.4	129	7.2	64,000
Lower Malad	Malad River	0	145	13.5	105,000
Bliss	Snake River	560	70	75.0	369,200
C. J. Strike	Snake River	492	88	82.8	433,000
Swan Falls	Snake River	456	23	10.3	96,000
Anderson Ranch	S. F. Boise River	43.2	330	27	139,000
Black Canyon	Payette River	38.7	92	8	62,000
Brownlee	Snake River	285	272	360.4	2,674,000
Udine	Snake River	273	122	130	1,120,000
Hell's Canyon	Snake River	247	178	370	1,852,000
Dworshak	N.F. Clearwater River	2	626	345	2,115,400

TABLE 2
 POTENTIAL HYDROPOWER SITES IN IDAHO, CAPACITY AT Q50 GREATER THAN 20 MW

Name	River	River Mile	Gross Head Ft.	Theoretical Power at Q50, Mw	Estimated Average Annual Generation, MWh
Low Katka	Kootenai River	161	125	1.077	281,000
Fitzgerald Falls	St. Joe River	35	330	32.1	500,500
Lynn Crandall	Snake River	872.5	270	73.4	1,000,000
Lower Rush Beds	Snake River	862.8	75	26.3	304,500
Lookout Butte*	Henry's Fork	73	300	19.1	155,000
Mesa Falls	Henry's Fork	67	320	22.0	180,600
Warm River	Henry's Fork	56.9	230	27.2	197,000
Fremont*	Teton River	28.4	295	12.4	125,000
Eagle Rock	Snake River	708.4	53	25.2	210,700
Bickel	Snake River	628	30	30.7	357,000
Kimberly	Snake River	620.4	220	21.5	240,000
Clear Lakes	Snake River	596.3	198	45.5	525,000
Lower 1000 Springs	Snake River	584.4	72	42.8	342,300
High Bliss	Snake River	565	84	68.1	457,800
Pasture	Snake River	550.5	94	65.4	574,400
Indian Cove	Snake River	519.2	35	29.9	204,000
Guffey	Snake River	445.5	117	96.5	707,000
Marsing	Snake River	425	30	24.7	180,000
Blackjack Butte	Snake River	397.2	40	39.4	379,000
Twin Springs*	Boise River	94.5	405	18.9	322,000
Arrowrock	Boise River	74	156	20.0	200,000
Lucky Peak	Boise River	63.8	240	36.7	360,000
Garden Valley	Payette River	76.6	415	68.8	757,400
Garden Valley Reregulating	Payette River	73.5	120	19.9	219,100
Scrivner Cr. (Upper)	N.F. Payette River	15.7	440	33.7	340,000
Scrivner Cr. (Lower)	N.F. Payette River	-	753	40.3	457,000
Horseshoe Bend	Payette River	52.4	250	40.6	503,600
High Mountain Sheep	Snake River	188.9	595	759	6,553,000
Cronk's Canyon	Salmon River	300	435	31.2	474,600
Salmon	Salmon River	271.8	460	34.6	527,100
Salmon Valley	Salmon River	259	230	20.7	315,000
Shoup	Salmon River	218	563	57.4	870,100
Aparejo	N.F. Salmon River	32.5	415	28.2	505,400
Porcupine	N.F. Salmon River	15	363	33.6	603,400
Pinnacle Falls	Salmon River	195	342	80.9	1,232,000
Dillinger	Salmon River	163.3	445	133.8	2,037,000
Hay Flat	Salmon River	155.5	105	31.9	487,000
Porphyry	S.F. Salmon River	11	460	18.5	465,500
Crevice	Salmon River	99.7	600	220.3	3,355,800
Freedom-Higgins	Salmon River	69.3	270	112.7	1,715,000
Lower Canyon	Salmon River	0.5	660	283.9	4,320,000
China Gardens	Snake River	172.5	70	136.8	1,250,000
Asotin	Snake River	146.8	110	215.0	1,963,500
White Cap	Selway River	164.5	1000	23.0	458,500
Moose Creek	Selway River	137	300	21.4	205,100
Pinchot	Selway River	127	295	23.2	403,400
Five Islands	Locha River	42.8	600	34.2	632,100
Penny Cliffs	N.F. Clearwater River	79	595	127	2,479,400
Kooskia	Clearwater River	57.2	174	54.3	1,024,800
Orofino	Clearwater River	45.4	80	27.8	490,300
Weitas Creek	N.F. Clearwater River	88.3	410	39.3	572,600
Rock Creek	N.F. Clearwater River	68.7	460	48.9	722,400
Salmon Creek	N.F. Clearwater River	55	250	33.4	490,700
Big George	Clearwater River	30	84	40.9	663,600
Arrow	Clearwater River	15	90	45.3	729,000

* Under consideration but capacity at Q50 less than 20 MW
 Maps and tables developed from: Young, L.L. and J.L. Gilbert, 1965. Waterpower Resources of Idaho. U.S. Geological Survey Open-File Report.