



Water Resources Data

Water Year 1998

Prepared by: Water Management Department

IDAHO POWER COMPANY

13203000 New York Canal near Boise, ID

LOCATION.--Lat 43°32'23", long 116°05'37", in NW1/4, NW1/4,SW1/4, Sec. 33, T.3N, R.3E, Ada County, Idaho, Hydrologic Unit 17050114, on the right bank 1.4 miles downstream from Diversion Dam, 0.7 miles southeast of Barber Park

PERIOD OF RECORD.--Records maintained by Idaho Power Company since October 1997

GAGE.--Water-stage recorder (maintained by USBR). Datum of gage is 2820 feet above msl, from topographic map.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1900	0	0	0	0	0	747	1960	950	2230	2280	2190
2	1910	0	0	0	0	0	742	1990	951	2240	2280	2190
3	1900	0	0	0	0	0	732	2010	951	2240	2280	2190
4	1900	0	0	0	0	0	727	2020	1050	2230	2280	2180
5	1900	0	0	0	0	0	721	2040	1110	2230	2280	2180
6	1900	0	0	0	0	0	885	2060	1320	2240	2290	2180
7	1900	0	0	0	0	0	1030	2070	1470	2250	2290	2170
8	1900	0	0	0	0	0	1100	2090	1690	2250	2290	2160
9	1850	0	0	0	0	0	1130	2110	2030	2240	2290	2150
10	1750	0	0	0	0	0	1180	2070	2220	2240	2290	2110
11	1720	0	0	0	0	0	1030	1920	2250	2250	2290	2030
12	1720	0	0	0	0	0	923	1790	2240	2250	2290	1910
13	1710	0	0	0	0	0	825	1810	2240	2250	2280	1860
14	1690	0	0	0	0	0	708	1820	2250	2250	2280	1850
15	0	0	0	0	0	0	679	1780	2250	2250	2270	1840
16	0	0	0	0	0	0	687	1700	2260	2260	2270	1840
17	0	0	0	0	0	0	698	1680	2260	2260	2270	1830
18	0	0	0	0	0	0	711	1640	2260	2260	2260	1830
19	0	0	0	0	0	0	726	1620	2250	2260	2260	1830
20	0	0	0	0	0	0	828	1630	2260	2260	2250	1820
21	0	0	0	0	0	0	1030	1630	2250	2260	2250	1820
22	0	0	0	0	0	0	1130	1520	2250	2270	2240	1810
23	0	0	0	0	0	0	1270	1230	2240	2270	2240	1810
24	0	0	0	0	0	693	1330	1130	2250	2270	2240	1810
25	0	0	0	0	0	822	1340	1130	2250	2270	2230	1810
26	0	0	0	0	0	808	1340	1140	2230	2270	2220	1680
27	0	0	0	0	0	801	1490	1010	2240	2270	2210	1600
28	0	0	0	0	0	793	1750	940	2230	2270	2200	1590
29	0	0	0	0	---	788	1890	944	2230	2280	2200	1590
30	0	0	0	0	---	768	1940	947	2230	2280	2200	1590
31	0	---	0	0	---	751	---	949	---	2280	2200	---
TOTAL	25650	0	0	0	0	6224	31319	50380	58662	69930	70000	57450
MEAN	827.4	0	0	0	0	200.8	1044	1625	1955	2256	2258	1915
MAX	1910	0	0	0	0	822	1940	2110	2260	2280	2290	2190
MIN	0	0	0	0	0	0	679	940	950	2230	2200	1590
AC-FT	50880	0	0	0	0	12350	62120	99930	116400	138700	138800	114000
CAL YEAR 1997	TOTAL		25650	MEAN	278.8	MAX	1910	MIN	0	0	AC-FT	50880
WTR YEAR 1998	TOTAL		369615	MEAN	1013	MAX	2290	MIN	0	0	AC-FT	733100

IDAHO POWER COMPANY

13210050 Boise River near Middleton, ID

LOCATION.--Lat. 43°40'59", long. 116°34'12", in NW1/4, SW1/4, Sec. 15, T.4N, R2W, Canyon County, Idaho, hydrologic unit 17050114 on the left bank 3 miles southeast of Middleton and at mile 29.3.

PERIOD OF RECORD.--Previous site 0.2 miles downstream on the right bank maintained by USGS from 1974 to 1997. Current site established by Idaho Power Co. March 5, 1998.

GAGE.--Water-stage recorder. Station equipment includes satellite telemetry.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	r	r	r	r	808	470
2	---	---	---	---	---	---	r	r	r	r	789	479
3	---	---	---	---	---	---	r	r	r	r	823	476
4	---	---	---	---	---	---	r	r	r	r	834	473
5	---	---	---	---	---	r	r	r	r	r	788	441
6	---	---	---	---	---	r	r	r	r	r	747	457
7	---	---	---	---	---	r	r	r	r	r	755	481
8	---	---	---	---	---	r	r	r	r	r	746	559
9	---	---	---	---	---	r	r	r	r	r	770	582
10	---	---	---	---	---	r	r	r	r	r	821	624
11	---	---	---	---	---	r	r	r	r	882	818	550
12	---	---	---	---	---	r	r	r	r	841	840	482
13	---	---	---	---	---	r	r	r	r	827	813	454
14	---	---	---	---	---	r	r	r	r	769	773	458
15	---	---	---	---	---	r	r	r	r	758	780	414
16	---	---	---	---	---	r	r	r	r	751	809	376
17	---	---	---	---	---	r	r	r	r	694	810	392
18	---	---	---	---	---	r	r	r	r	691	819	388
19	---	---	---	---	---	r	r	r	r	688	842	395
20	---	---	---	---	---	r	r	r	r	703	804	398
21	---	---	---	---	---	r	r	r	r	665	820	417
22	---	---	---	---	---	r	r	r	r	651	844	426
23	---	---	---	---	---	r	r	r	r	637	832	437
24	---	---	---	---	---	r	r	r	r	644	849	455
25	---	---	---	---	---	r	r	r	r	720	872	436
26	---	---	---	---	---	r	r	r	r	738	878	508
27	---	---	---	---	---	r	r	r	r	728	679	459
28	---	---	---	---	---	r	r	r	r	711	520	447
29	---	---	---	---	---	r	r	r	r	763	466	448
30	---	---	---	---	---	r	r	r	r	710	445	434
31	---	---	---	---	---	r	---	r	---	832	461	---
TOTAL	---	---	---	---	---	---	---	---	---	*	23655	13816
MEAN	---	---	---	---	---	---	---	---	---	733.5	763.0	460.5
MAX	---	---	---	---	---	---	---	---	---	882	878	624
MIN	---	---	---	---	---	---	---	---	---	637	445	376
AC-FT	---	---	---	---	---	---	---	---	---	*	46920	27400

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IDAHO POWER COMPANY

13213000 Boise River near Parma, ID

LOCATION.--Lat 43°46'54", long 116°58'17", in SE ¼, NE ¼, SE ¼, sec. 7, T.5N, R.5W, Canyon County, Hydrologic Unit 17050114, on left bank, at county road crossing 1.2 miles west of Parma, and at mile 3.8.

DRAINAGE AREA.--3970 mi² approximately.

PERIOD OF RECORD.--USGS maintained records September 1971 to September 1997. IPCo maintains records October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,196.49 ft above msl.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1290	1010	820	856	980	2410	2280	1370	10000	3340	1100	1150
2	1240	944	847	864	978	2420	2310	1710	10000	3030	1100	1130
3	1220	936	891	890	977	2540	2250	2090	9890	2920	1100	1130
4	1230	929	874	871	989	2480	2290	2230	9690	2810	1100	1140
5	1210	915	859	858	996	2460	2350	2280	9680	2800	1100	1130
6	1220	918	871	843	946	2440	2300	2320	9470	2720	1090	1190
7	1260	924	886	881	938	2410	2200	2370	9330	2310	1130	1230
8	1240	944	953	869	935	2420	2120	2380	9180	2010	1110	1280
9	1330	914	976	862	923	2420	2050	2680	8920	1760	1120	1380
10	1250	904	903	874	919	2410	2110	2910	8310	1480	1140	1620
11	1140	916	897	897	1230	2400	2140	3530	7200	1340	1120	1550
12	1120	912	882	939	1680	2400	2130	4280	6260	1320	1060	1440
13	1120	902	875	995	1990	2400	2100	4610	5580	1330	1020	1390
14	1170	891	876	983	2270	2390	2260	5210	4710	1290	1020	1400
15	1200	868	879	1100	2400	2390	2230	6530	3980	1230	1060	1320
16	1110	860	893	1090	2410	2400	2110	7180	3850	1240	1100	1250
17	954	870	895	1160	2390	2400	2030	7710	3720	1180	1130	1210
18	907	868	891	1220	2370	2400	1990	7910	3480	1140	1140	1190
19	838	873	873	1190	2370	2400	1910	7820	3330	1110	1140	1200
20	856	880	863	1290	2360	2380	1810	7870	3280	1140	1140	1220
21	947	866	868	1130	2380	2380	1660	7900	3020	1060	1120	1260
22	1040	852	860	1100	2450	2400	1500	8680	2820	1040	1160	1240
23	1060	849	856	1060	2400	2480	1410	8710	2640	1040	1170	1220
24	1060	845	880	1030	2470	2440	1490	8560	2600	1060	1250	1220
25	1040	895	836	1040	2470	2410	1470	8460	2990	1100	1330	1240
26	1040	861	841	1010	2430	2420	1400	8670	4160	1100	1520	1530
27	1040	859	846	1010	2420	2370	1380	9550	5300	1100	1480	1490
28	1020	837	842	1010	2410	2390	1370	9560	5290	1100	1400	1410
29	1070	829	849	1000	---	2370	1290	9400	5030	1100	1380	1390
30	1080	826	855	1010	---	2270	1220	9450	4180	1100	1330	1340
31	1060	---	856	1000	---	2280	---	9730	---	1100	1330	---
TOTAL	34362	26697	27093	30932	50481	74580	57160	183660	177890	49400	36490	38890
MEAN	1108	889.9	874.0	997.8	1803	2406	1905	5925	5930	1594	1177	1296
MAX	1330	1010	976	1290	2470	2540	2350	9730	10000	3340	1520	1620
MIN	838	826	820	843	919	2270	1220	1370	2600	1040	1020	1130
AC-FT	68160	52950	53740	61350	100100	147900	113400	364300	352800	97980	72380	77140
CAL YEAR 1997	TOTAL	1374352	MEAN	3765	MAX	8480	MIN	820.0	AC-FT	2726000		
WTR YEAR 1998	TOTAL	787635	MEAN	2158	MAX	10000	MIN	820.0	AC-FT	1562000		

IDAHO POWER COMPANY

13247505 Squaw Creek near Sweet, ID

LOCATION. Lat. 44°46'40", Long. 117°17'30", in the SW1/4 SW1/4 Sec. 3, T7N, R1E, Gem County, Idaho, hydrologic unit 17050122 \ on the left bank and at mile 3.8.

DRAINAGE AREA. 305 mi²

PERIOD OF RECORD. Site established November 1997 by IPCo.

GAGE. Water-stage recorder. Datum of gage is 2510 feet above msl, from topographic map.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	45	43	264	189	445	791	1190	421	77	26
2	---	---	37	45	267	185	424	847	1130	409	71	26
3	---	---	22	88	347	293	416	918	1190	401	64	26
4	---	---	29	85	542	219	434	930	1100	363	58	23
5	---	---	34	61	468	204	519	891	981	344	44	25
6	---	---	38	57	349	194	520	826	953	298	40	26
7	---	---	41	52	386	155	484	854	892	276	38	33
8	---	---	57	45	593	165	472	879	859	252	35	31
9	---	---	44	44	531	156	447	1120	810	232	26	52
10	---	---	31	40	366	149	451	1030	821	209	29	66
11	---	42	34	58	354	157	469	1230	838	193	29	46
12	---	41	37	84	333	175	449	972	904	176	22	32
13	---	37	38	104	362	224	412	930	945	163	27	27
14	---	34	35	105	397	286	384	932	839	150	28	25
15	---	34	41	346	498	329	354	1100	735	145	16	23
16	---	32	48	173	361	328	328	954	686	134	22	19
17	---	41	133	520	300	332	339	1100	599	119	36	19
18	---	62	144	424	261	288	346	987	609	106	47	20
19	---	55	56	922	240	265	359	873	656	98	40	18
20	---	51	53	476	228	260	394	811	532	88	37	21
21	---	48	55	276	320	280	440	1350	507	80	31	23
22	---	45	43	214	493	370	488	2020	499	73	33	24
23	---	38	38	196	321	1030	639	1710	503	61	32	21
24	---	46	42	291	305	1280	1030	1500	472	57	32	22
25	---	107	37	260	255	1210	852	1330	638	57	28	23
26	---	78	34	280	245	1080	635	2220	650	48	29	43
27	---	59	39	459	200	875	558	2830	511	44	35	52
28	---	52	41	388	183	694	585	2170	459	35	31	36
29	---	48	43	321	---	579	653	1780	448	34	23	32
30	---	46	41	490	---	497	714	1560	426	47	25	29
31	---	---	43	349	---	461	---	1350	---	78	25	---
TOTAL	---	*	1453	7296	9769	12909	15040	38795	22382	5191	1110	889
MEAN	---	49.7	46.9	235.4	348.8	416.6	501.3	1251	745.8	167.4	35.9	29.5
MAX	---	107	144	922	593	1280	1030	2830	1190	421	77	66
MIN	---	32	22	40	183	149	328	791	426	34	16	18
AC-FT	---	*	2882	14470	19380	25600	29830	76950	44390	10300	2202	1763

IDAHO POWER COMPANY

13286700 Powder River near Richland, Or

LOCATION.--Lat 44°46'40", long 117°17'30", in NE^{1/4}, SW^{1/4}, SE^{1/4}, Sec. 14, T. 9S, R. 44E, Baker County, Oregon, Hydrologic Unit 17050203, on left bank 0.4 miles upstream from Timber Canyon and 6 miles west of Richland, at mile 20.3.

DRAINAGE AREA.--1,310 mi², approximately.

PERIOD OF RECORD.--March 1996 to current year. Station previously operated by USGS 1957 to 1996.

GAGE.--Water-stage recorder. Station equipment includes satellite telemetry. Datum of gage is 2,277.42 ft above mean sea level.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	93	58	37	120	436	294	507	627	1930	255	77	70
2	93	54	38	90	414	327	495	627	1800	255	77	74
3	91	54	39	66	440	539	484	668	1730	287	76	67
4	95	55	40	74	626	511	491	756	1660	262	76	64
5	100	55	41	70	770	493	529	802	1600	285	75	68
6	102	55	42	84	630	425	503	793	1510	364	74	70
7	102	57	43	60	658	370	503	765	1380	317	73	73
8	101	62	44	60	698	347	488	761	1360	252	76	112
9	113	60	45	58	637	375	454	728	1320	231	81	149
10	112	57	54	65	507	394	457	680	1210	241	78	224
11	119	57	58	60	451	409	459	595	1090	224	75	166
12	120	57	47	55	435	422	451	543	1200	212	75	143
13	121	56	49	70	475	442	434	520	1290	177	84	131
14	137	56	61	75	498	472	441	566	1300	129	84	120
15	148	54	44	80	484	498	447	608	1220	96	99	108
16	138	54	52	90	485	527	431	630	1100	86	99	78
17	137	55	177	95	459	533	425	891	920	76	81	63
18	140	56	157	129	413	483	405	1040	760	60	73	64
19	136	58	150	168	392	452	390	1010	620	82	75	69
20	136	44	150	231	379	440	402	970	530	79	70	69
21	138	37	140	217	387	445	436	1030	460	62	63	72
22	137	35	140	221	429	488	489	1400	380	55	62	77
23	136	34	130	221	397	675	599	1600	360	49	61	73
24	138	32	150	284	370	907	787	1680	340	41	64	70
25	121	33	140	304	343	923	796	2180	320	74	68	70
26	70	34	130	336	317	937	765	3300	320	74	64	76
27	61	33	130	508	298	837	741	3200	280	78	65	81
28	59	34	140	527	291	727	703	2800	280	79	65	76
29	57	35	140	543	---	641	700	2560	265	79	64	79
30	59	36	140	493	---	545	653	2240	265	78	68	78
31	60	---	130	482	---	521	---	2150	---	78	69	---
TOTAL	3370	1457	2878	5936	13119	16399	15865	38720	28800	4717	2291	2734
MEAN	108.7	48.5	92.8	191.4	468.6	529.0	528.8	1250	960.0	152.2	73.9	91.1
MAX	148	62	177	543	770	937	796	3300	1930	364	99	224
MIN	57	32	37	55	291	294	390	520	265	41	61	63
AC-FT	6684	2890	5708	11770	26020	32530	31470	76800	57120	9356	4544	5423
CAL YEAR 1997	TOTAL		138744	MEAN	380.1	MAX	2670	MIN	32.0	AC-FT	275200	
WTR YEAR 1998	TOTAL		136286	MEAN	373.4	MAX	3300	MIN	32.0	AC-FT	270300	

IDAHO POWER COMPANY

13288200 Eagle Creek above Skull Creek near New Bridge, OR

LOCATION.--Lat. 44°52'50", long. 117°15'10", in SE1/4 Sec. 7, T. 8S., R. 45E., Baker County, Hydrologic Unit 17050203, Wallowa-Whitman National Forest, on left bank 0.5 mile upstream from Skull Creek and 6.5 miles northwest of New Bridge and at mile 10.5.

DRAINAGE AREA.--156 mi².

PERIOD OF RECORD.--USGS Oregon operated station from October 1957 to December 1997. Station Operated by Idaho Power Company January 1998 to current year.

GAGE.--Water-stage recorder.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	111	139	109	97	105	104	460	700	900	1020	170	75
2	110	132	100	97	109	112	460	800	950	863	165	72
3	111	131	102	96	105	108	450	1000	1000	990	160	70
4	112	128	106	96	110	107	450	1100	1100	759	155	69
5	110	127	103	95	115	104	440	1200	1000	692	150	67
6	110	128	106	95	115	102	430	1300	1000	697	147	66
7	108	149	113	94	111	98	420	1400	1000	595	139	70
8	107	158	114	94	127	105	410	1500	980	575	133	71
9	109	142	100	93	134	102	400	1500	980	561	140	144
10	113	137	98	95	129	104	380	1600	1000	553	122	107
11	110	134	96	100	124	104	360	1500	1000	575	125	88
12	111	130	96	100	114	114	350	1400	1000	506	121	87
13	109	128	94	110	113	139	330	1300	1100	487	121	85
14	109	125	106	110	115	164	320	1200	1000	527	119	85
15	108	122	104	100	113	185	310	1100	980	368	122	85
16	106	121	110	100	109	197	300	1000	940	341	134	85
17	106	124	114	105	110	188	300	950	880	307	129	84
18	106	122	104	105	106	173	290	800	800	302	120	82
19	110	130	94	103	108	170	350	800	720	278	115	84
20	109	132	110	104	106	181	390	840	650	249	110	86
21	107	127	100	99	114	201	450	950	620	222	105	88
22	107	117	90	103	113	322	500	900	582	203	100	86
23	106	125	100	102	111	681	580	870	693	187	100	85
24	106	124	102	101	110	725	620	900	763	183	95	84
25	104	125	84	97	106	613	600	900	741	173	90	85
26	105	120	90	98	109	553	600	1000	727	165	88	90
27	104	118	104	114	99	531	590	1100	622	163	87	94
28	104	117	100	104	107	500	600	1000	684	152	86	90
29	115	115	108	108	---	490	620	950	720	150	85	88
30	142	115	104	107	---	480	670	900	844	155	80	88
31	169	---	98	106	---	470	---	900	---	160	78	---
TOTAL	3454	3842	3159	3128	3147	8227	13430	33360	25976	13158	3691	2540
MEAN	111.4	128.1	101.9	100.9	112.4	265.4	447.7	1076	865.9	424.5	119.1	84.7
MAX	169	158	114	114	134	725	670	1600	1100	1020	170	144
MIN	104	115	84	93	99	98	290	700	582	150	78	66
AC-FT	6851	7620	6266	6204	6242	16320	26640	66170	51520	26100	7321	5038
CAL YEAR 1997	TOTAL		152321	MEAN	417.3	MAX	2210	MIN	84.0	AC-FT	302100	
WTR YEAR 1998	TOTAL		117112	MEAN	320.9	MAX	1600	MIN	66.0	AC-FT	232300	

IDAHO POWER COMPANY

13132513 Wildhorse River at Brownlee Dam

LOCATION.--Lat. 44°51'08", Long. 116°53'41", in the NE1/4 SW1/4 Section 36 T. 18N, R. 5W, Adams County, Idaho, Hydrologic Unit 17050201, on the right bank, approximately 1800 feet upstream from the mouth and 1.0 mile North of Brownlee Dam.

DRAINAGE AREA.--177 mi², approximately.

PERIOD OF RECORD.--Station operated by USGS from October 1978 to September 1996. Operated by Idaho Power Company from July 1996 to current year.

GAGE.--Water stage recorder. Elevation of gage is 1,840 feet above sea level, from topographic map.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	39	28	27	61	57	284	553	588	211	76	32
2	24	34	21	28	64	55	286	600	604	205	71	33
3	26	32	17	28	59	55	278	621	647	206	63	33
4	26	31	18	29	62	51	284	616	645	202	62	30
5	26	29	17	28	76	53	298	632	607	197	61	31
6	24	29	20	28	77	47	293	593	585	152	60	31
7	22	29	26	28	78	48	278	595	539	144	59	34
8	22	36	32	25	108	50	257	582	514	138	58	35
9	25	34	30	22	112	51	238	691	449	129	56	36
10	28	32	22	25	91	60	234	613	430	118	55	37
11	26	30	21	24	89	64	243	566	468	113	54	38
12	27	29	20	22	79	70	227	500	444	111	54	37
13	27	27	19	24	75	76	211	451	476	102	54	39
14	26	26	21	22	72	84	205	405	437	98	53	34
15	26	26	27	29	71	100	217	373	399	95	52	37
16	26	24	30	28	64	110	252	338	368	104	53	35
17	25	31	33	30	65	150	257	381	325	102	48	37
18	24	30	34	30	61	150	230	386	309	95	51	37
19	24	30	23	38	62	150	224	364	302	92	53	38
20	25	32	23	41	59	160	224	340	284	82	52	39
21	25	32	23	37	62	180	243	418	271	80	35	39
22	24	29	24	38	65	200	295	615	260	79	34	40
23	26	31	25	37	62	750	473	711	257	79	33	33
24	27	32	24	43	63	1180	718	662	245	77	32	33
25	27	39	24	45	56	1090	598	1070	271	75	34	33
26	26	34	25	47	60	870	489	1220	290	74	34	32
27	27	35	27	62	49	590	437	1380	271	73	34	28
28	26	31	27	71	53	464	437	1260	241	73	34	28
29	31	29	28	69	---	376	460	1030	227	71	35	25
30	40	32	27	68	---	331	505	814	218	71	36	25
31	48	---	27	63	---	299	---	680	---	79	31	---
TOTAL	831	934	763	1136	1955	7971	9675	20060	11971	3527	1517	1019
MEAN	26.9	31.1	24.6	36.7	69.8	257.1	322.5	647.1	399.0	113.7	48.9	34.0
MAX	48	39	34	71	112	1180	718	1380	647	211	76	40
MIN	22	24	17	22	49	47	205	338	218	71	31	25
AC-FT	1648	1853	1513	2253	3878	15810	19190	39790	23740	6996	3009	2021
CAL YEAR 1997	TOTAL		78935	MEAN	216.3	MAX	3000	MIN	17.0	AC-FT	156600	
WTR YEAR 1998	TOTAL		61359	MEAN	168.1	MAX	1380	MIN	17.0	AC-FT	121700	

IDAHO POWER COMPANY

13290190 Pine Creek nr Oxbow Dam, OR

LOCATION.--Lat. 44°46'40", long. 117°17'30", in NW1/4 Sec. 9, T. 7S, R. 48E, Baker County, Oregon, Hydrologic Unit 17050201, on right bank at Hwy 71 crossing, at mile 0.5.

PERIOD OF RECORD.--March 1996 to current year. Station previously operated by USGS 1966 to 1996.

GAGE.--Water-stage recorder.

DISCHARGE (CFS), WATER YEAR 1998

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	105	126	115	98	416	372	599	1120	1270	521	70	43
2	110	114	110	110	403	490	590	1170	1220	487	65	47
3	110	113	100	123	383	744	572	1190	1140	488	65	41
4	105	112	105	127	461	604	547	1250	1050	442	56	39
5	100	113	100	116	575	529	573	1450	959	418	51	40
6	98	109	115	112	547	480	549	1340	905	445	48	45
7	95	114	120	121	573	426	524	1350	865	446	47	52
8	93	137	115	111	761	412	490	1270	850	441	43	83
9	105	130	110	90	862	390	475	1310	828	431	44	151
10	113	130	97	100	727	519	468	1190	807	404	42	136
11	110	125	100	97	640	533	474	1150	827	346	38	95
12	109	120	100	95	589	570	467	976	807	286	38	83
13	108	120	105	105	589	640	443	939	780	260	38	77
14	109	118	110	88	579	716	419	887	712	219	38	76
15	105	116	115	120	553	772	425	767	663	187	37	72
16	106	113	115	140	517	808	384	668	618	149	39	69
17	101	114	125	149	478	758	354	699	571	127	40	66
18	100	115	120	155	433	637	336	625	577	117	41	63
19	101	144	115	235	413	594	338	590	598	99	40	60
20	100	169	110	256	416	584	368	591	550	97	40	66
21	98	137	110	239	615	599	459	828	531	85	41	61
22	96	122	105	231	758	990	593	1000	516	74	41	60
23	97	118	103	233	671	2330	869	898	503	68	41	56
24	102	137	101	261	622	2070	956	850	508	64	45	57
25	97	157	109	271	544	1750	804	951	530	59	45	58
26	101	139	128	286	495	1490	712	1910	549	58	42	78
27	101	132	117	447	438	1120	713	1620	506	59	41	103
28	102	132	121	500	394	929	798	1580	482	64	41	98
29	105	127	111	480	---	787	898	1820	465	60	40	100
30	129	120	105	451	---	692	1020	1650	475	58	42	94
31	158	---	102	460	---	639	---	1320	---	96	45	---
TOTAL	3269	3773	3414	6407	15452	24974	17217	34959	21662	7155	1384	2169
MEAN	105.5	125.8	110.1	206.7	551.9	805.5	574.0	1127	722.1	230.9	44.6	72.2
MAX	158	169	128	500	862	2330	1020	1910	1270	521	70	151
MIN	93	109	97	88	383	372	336	590	465	58	37	39
AC-FT	6484	7484	6772	12710	30650	49540	34150	69340	42970	14190	2745	4302
CAL YEAR 1997	TOTAL		206536	MEAN	565.9	MAX	7000	MIN	80.0	AC-FT	409700	
WTR YEAR 1998	TOTAL		141835	MEAN	388.6	MAX	2330	MIN	37.0	AC-FT	281300	