



Water Resources Data

Water Year 2003

Prepared by: Water Management Department

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13055300 FARMERS OWN CANAL (BLACK SPRING) NEAR ASHTON, ID

LOCATION.-Lat 44°02'59", long 111°32'20", NE¼NE¼SW¼ sec. 6, T. 8N., R. 42E., Fremont County, 5 mi southwest of Ashton on 3100 East Road.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 20.0 ft³/s March 14, 2003; minimum daily, 7.00 ft³/s July 10, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	10	9.7	10	10	9.5	10	10	7.3	11	9.2	11
2	13	10	9.7	10	10	9.5	10	10	7	9	9.2	11
3	12	10	9.7	10	9.8	9.6	10	10	6.7	7.6	8.6	11
4	12	10	9.7	10	9.7	9.6	10	11	6.8	8.3	9	11
5	12	10	9.7	9.9	9.6	9.6	10	11	6.9	9.3	9.8	11
6	12	10	9.7	9.8	9.5	9.7	10	11	7.2	9.5	10	11
7	12	11	9.6	9.8	9.7	9.6	10	10	6.5	8.6	10	11
8	12	11	9.5	9.8	9.4	10	10	9.8	7.5	8.3	11	11
9	11	11	9.6	10	9.5	11	10	9.8	7.9	7.7	11	11
10	11	11	9.6	10	9.4	13	10	9.8	8.1	7	12	12
11	11	11	9.6	9.9	9.4	15	10	9.7	8.5	7.6	12	11
12	11	11	9.6	9.9	9.4	16	10	9.8	7.9	8.4	12	11
13	11	11	9.6	10	9.5	18	10	9.6	7.9	9.2	12	11
14	11	11	9.7	10	9.8	20	10	9.3	8.2	9.8	12	11
15	11	11	9.8	10	9.7	13	10	9.2	8.4	9.5	12	11
16	11	10	9.7	9.9	9.7	12	10	9.4	8.9	9.2	12	11
17	11	10	9.7	9.9	9.7	11	10	9.6	7.8	9	12	11
18	11	10	9.6	9.9	9.5	11	10	9.6	7.8	8	12	12
19	11	10	9.5	9.9	9.5	10	10	9.6	8	8.3	11	13
20	10	10	9.5	9.8	9.5	11	9.9	10	8.1	8.7	11	12
21	10	10	9.5	9.7	9.5	10	9.9	10	8.1	9	11	12
22	10	10	9.5	9.7	9.6	10	9.9	10	7.9	9.4	12	12
23	10	11	9.5	9.9	9.5	10	10	9.8	7.9	9.3	12	12
24	10	10	9.8	9.7	10	10	9.9	9.5	7.9	9.4	12	12
25	10	9.9	9.5	9.6	10	10	9.8	9.1	9	9.3	12	11
26	10	9.8	9.7	9.6	9.5	11	10	9.3	9.1	9.1	12	11
27	10	9.7	9.8	10	9.5	11	10	9.4	9.4	9.2	12	12
28	10	9.8	9.9	11	9.5	10	10	9.5	10	9.1	13	12
29	10	9.8	9.9	9.9	---	10	11	8	11	9	12	12
30	10	9.8	9.9	9.8	---	10	10	7.5	11	9.1	12	11
31	10	---	10	10	---	10	---	7.5	---	9.1	11	---
Total	339	308.8	299.8	307.4	269.4	350.1	300.4	297.8	244.7	275	348.8	342
Mean	11	10.4	9.7	9.9	9.7	11.3	10.2	9.6	8.1	8.9	11.3	11.5
Max	13	11	10	11	10	20	11	11	11	11	13	13
Min	10	9.7	9.5	9.6	9.4	9.5	9.8	7.5	6.5	7	8.6	11
AC-Ft	672	612	595	610	534	694	596	591	485	545	692	678
CAL YEAR 2002	TOTAL		2786.70	MEAN	10.4	MAX	15	MIN	7.8	AC-FT	5527	
WTR YEAR 2003	TOTAL		3683.20	MEAN	10.1	MAX	20	MIN	6.5	AC-FT	7306	

13056550 TEXAS SLOUGH CANAL NEAR THORNTON, ID

LOCATION.-Lat 43°48'00", long 111°54'48", in NE¼SW¼SW¼ sec. 31, T. 6N., R. 39E., Madison County, approx. 4.0 mi northwest of Thornton.

PERIOD OF RECORD.-May 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 77.0 ft³/s July 7, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	0.00	---	---	---	---	---	---	---	---	---	---
2	46	0.00	---	---	---	---	---	---	---	---	---	---
3	44	0.00	---	---	---	---	---	---	---	---	---	---
4	41	0.00	---	---	---	---	---	---	---	---	---	---
5	40	---	---	---	---	---	---	---	---	---	---	---
6	36	---	---	---	---	---	---	---	---	---	---	---
7	34	---	---	---	---	---	---	---	---	---	---	---
8	34	---	---	---	---	---	---	---	---	---	---	---
9	34	---	---	---	---	---	---	---	---	---	---	---
10	34	---	---	---	---	---	---	---	---	---	---	---
11	35	---	---	---	---	---	0.00	---	---	---	---	---
12	30	---	---	---	---	---	---	---	---	---	---	---
13	30	---	---	---	---	---	---	26	---	---	---	---
14	35	---	---	---	---	---	---	---	---	---	---	---
15	33	---	---	---	---	---	---	---	---	---	---	---
16	33	---	---	---	---	---	---	---	---	---	---	---
17	37	---	---	---	---	---	---	---	---	---	---	---
18	33	---	---	---	0.00	---	---	---	---	---	---	---
19	18	---	---	---	---	---	---	---	---	---	---	---
20	17	---	---	---	---	---	---	---	66	---	---	---
21	13	---	---	---	---	---	---	---	---	---	---	---
22	15	---	---	---	---	---	---	---	---	17	---	---
23	13	---	---	---	---	---	---	---	---	---	---	---
24	13	---	---	---	---	---	---	---	---	---	---	0.63
25	13	---	---	---	---	---	---	---	---	---	0.5	0.67
26	21	---	---	---	---	---	---	---	---	---	---	---
27	21	---	---	---	---	---	---	---	---	---	---	---
28	20	---	---	---	---	---	---	---	---	---	---	---
29	21	---	---	---	---	---	---	---	---	---	---	---
30	19	---	---	---	---	---	---	---	---	---	---	---
31	0.00	---	---	---	---	---	---	---	---	---	---	---
Total	854	0	0	0	0	0	0	26	66	17	0.5	1.3
Mean	27.6	0.000	---	---	0.000	---	0.000	26.3	66	16.7	0.5	0.65
Max	46	0.00	---	---	0.00	---	0.00	26	66	17	0.5	0.67
Min	0.00	0.00	---	---	0.00	---	0.00	26	66	17	0.5	0.63
AC-Ft	1694	0.00	0.00	0.00	0.00	0.00	0.00	52	131	34	1	2.6
CAL YEAR 2002	TOTAL	5081.00	MEAN	39.7	MAX	77	MIN	0.000	AC-FT	10080		
WTR YEAR 2003	TOTAL	964.80	MEAN	22.4	MAX	66	MIN	0.000	AC-FT	1914		

13056600 TEXAS SLOUGH NEAR REXBURG, ID

LOCATION.-Lat 43°47'17", long 111°53'45", in SE¼SE¼SW¼ sec.5, T. 5N., R. 39E., Madison County, approx. 3.5 mi northwest of Thornton, at bridge crossing on Burma Road.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 197 ft³/s July 26, 2002; minimum daily recorded, 17.0 ft³/s March 27, 30, April 6, 8, 12, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	114	67	---	---	---	---	18	37	108	124	154	115
2	114	58	---	---	---	---	18	90	117	109	153	114
3	117	53	---	---	---	---	18	70	107	104	151	119
4	118	50	---	---	---	---	18	112	101	114	151	117
5	118	47	---	---	---	19	18	111	127	114	142	111
6	117	44	---	---	---	21	17	101	127	117	147	111
7	117	42	---	---	---	20	18	100	115	114	153	110
8	112	40	---	---	---	20	17	121	119	113	144	110
9	102	39	---	---	---	19	18	92	124	104	148	105
10	101	38	---	---	---	19	18	71	119	100	146	106
11	101	36	---	---	---	18	18	63	127	102	148	106
12	99	34	---	---	---	18	17	66	130	119	143	110
13	96	33	---	---	---	18	18	59	136	126	145	108
14	95	33	---	---	---	18	18	58	145	136	154	110
15	99	31	---	---	---	19	19	66	152	130	148	112
16	103	31	---	---	---	18	18	77	152	136	142	115
17	102	30	---	---	---	18	19	67	138	156	130	115
18	102	30	---	---	---	18	19	74	133	164	127	112
19	98	29	---	---	21	18	19	81	140	165	127	109
20	100	29	---	---	20	18	19	65	157	165	129	108
21	104	---	---	---	20	18	18	69	139	164	124	106
22	99	---	---	---	20	20	19	80	161	152	123	105
23	96	---	---	---	---	19	23	74	175	157	120	103
24	96	---	---	---	---	18	26	78	145	163	118	100
25	98	---	---	---	---	18	25	81	138	156	114	99
26	96	---	---	---	---	19	27	91	130	159	114	101
27	101	---	---	---	---	17	27	85	126	150	114	104
28	101	---	---	---	---	18	27	75	135	150	116	104
29	101	---	---	---	---	18	30	80	154	154	117	99
30	99	---	---	---	---	17	29	89	140	152	120	90
31	83	---	---	---	---	18	---	96	---	151	122	---
Total	3199	794	0	0	81	499	613	2479	4017	4220	4184	3234
Mean	103.1	39.8	---	---	20.4	18.5	20.4	80	133.9	136.2	134.9	107.8
Max	118	67	---	---	21	21	30	121	175	165	154	119
Min	83	29	---	---	20	17	17	37	101	100	114	90
AC-Ft	6345	1575	0.00	0.00	161	990	1216	4917	7968	8370	8299	6415
CA1 YEAR 2002	TOTAL	25260.00	MEAN	108.9	MAX	197	MIN	21	AC-FT	50100		
WTR YEAR 2003	TOTAL	23320.00	MEAN	88	MAX	175	MIN	17	AC-FT	46250		

13056650 LIBERTY PARK CANAL NEAR THORNTON, ID

LOCATION.-Lat 43°47'24", long 111°55'27", SE¼NE¼SE¼ sec. 01, T. 5N., R. 38E., Madison County, on left bank, at the end of 2700 South Road.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 38.0 ft³/s June 8, 2003; minimum daily recorded, 0.44 ft³/s April 11, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.2	2.3	1.7	1.5	1.5	1.1	0.69	6	28	---	33	9.4
2	4.8	2.9	1.7	1.4	1.4	1.1	0.63	9.6	29	---	34	6.1
3	4.5	3.1	1.7	1.5	1.3	1.1	0.55	7.8	32	---	33	11
4	4.3	2.1	1.8	1.5	1.4	1.1	0.67	7.6	28	---	32	9.2
5	4.2	2.1	1.8	1.5	1.3	0.91	0.62	9.8	27	---	12	6.3
6	4	2.1	1.7	1.4	1.4	1.2	0.54	11	29	---	5.1	5.8
7	3.9	2.1	1.7	1.4	1.5	1.3	0.62	13	31	---	23	5.8
8	3.6	2	1.7	1.4	1.2	1.1	0.6	14	38	---	22	5.7
9	3.6	1.9	1.7	1.4	1.3	0.99	0.57	15	32	---	19	5.2
10	3.3	2	1.8	1.4	1.3	1	0.53	15	28	---	7.9	5.1
11	2.9	2	1.8	1.4	1.3	0.99	0.44	14	30	---	5.1	4.8
12	2.8	2	1.7	1.4	1.3	1	0.54	14	28	---	9.5	4.6
13	2.8	2	1.7	1.5	1.3	1.1	0.62	17	23	---	24	4.4
14	2.8	1.9	1.7	1.4	1.3	1.1	0.7	17	22	---	28	4.9
15	2.7	1.9	1.5	1.4	1.3	1.1	0.84	17	19	---	21	4.2
16	2.8	1.9	1.6	1.3	1.2	1	1.1	16	15	---	21	3.8
17	2.7	1.8	1.7	1.3	1.2	1.1	1.2	14	19	---	18	3.3
18	2.7	1.8	1.7	1.3	1.3	1	1.4	15	21	---	18	3.8
19	3.8	1.8	1.6	1.3	1.3	1.2	1.7	14	31	---	17	5.8
20	4	1.8	1.6	1.3	1.2	1.1	1.8	16	30e	---	14	5.9
21	2.7	1.8	1.6	1.3	1.2	1.1	2.1	21	---	---	13	4.9
22	2.5	1.9	1.6	1.3	1.2	0.97	2.3	23	---	25e	13	5.2
23	2.5	1.8	1.5	1.4	1.3	0.87	2.5	17	---	27	10	4.4
24	2.4	1.7	1.5	1.4	1.6	0.95	3	15	---	29	8.5	3.2
25	2.4	1.7	1.5	1.4	1.4	0.87	3.1	17	---	31	7.3	4.4
26	2.4	1.7	1.8	1.4	1.3	0.85	3.2	18	---	31	6.6	5.6
27	2.3	1.7	1.8	1.4	1.2	0.91	3.8	18	---	32	5	5.8
28	2.4	1.7	1.7	1.3	1.1	0.91	4.2	21	---	32	4.3	5.1
29	2.4	1.7	1.4	1.4	---	0.85	4.6	17	---	30	6	4
30	2.3	1.7	1.6	1.4	---	0.78	5	13	---	26	7.4	3.4
31	2.3	---	1.4	1.5	---	0.78	---	18	---	25	13	---
Total	98	58.9	51.3	43.2	36.6	31.43	50.16	460.8	540	288	490.7	161.1
Mean	3.2	2	1.6	1.4	1.3	1	1.7	14.9	27	28.8	15.8	5.4
Max	5.2	3.1	1.8	1.5	1.6	1.3	5	23	38	32	34	11
Min	2.3	1.7	1.4	1.3	1.1	0.78	0.44	6	15	25	4.3	3.2
AC-Ft	194	117	102	86	73	62	99	914	1071	571	973	320

CAL YEAR 2002	TOTAL	2438.80	MEAN	8.9	MAX	30	MIN	0.92	AC-FT	4837
WTR YEAR 2003	TOTAL	2310.19	MEAN	6.9	MAX	38	MIN	0.44	AC-FT	4582

e Estimate

13056850 BANNOCK JIM SLOUGH NEAR THORNTON, ID

LOCATION.-Lat 43°46'30", long 111°56'11", in NE¼SE¼SW¼ sec. 12, T. 5N., R. 38E., Madison County, 0.5 mi from the end of Burma Road and approx. 4.0 mi northwest of Thornton.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 38.0 ft³/s June 30, 2003; minimum daily, 0.06 ft³/s May 16, 2002.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	7.6	0.93	0.94	1.9	2.5	1.2	3.3	31	37	23	17
2	15	12	0.88	0.97	2	2.5	1.2	3.4	31	35	23	17
3	15	16	0.82	0.95	2	2.4	1.2	3.5	31	34	22	17
4	14	13	0.79	0.95	2.1	2.4	1.2	3.8	31	33	22	17
5	14	12	0.75	0.96	2.1	2.4	1.2	3.9	31	33	21	16
6	13	12	0.71	0.99	2.2	2.4	1.2	4	32	32	21	16
7	13	13	0.69	1.1	2.2	2.3	1.2	4.2	33	31	20	16
8	12	12	0.66	1.1	2.2	2.4	1.1	4.5	32	31	19	16
9	11	12	0.62	1.1	2.3	2.2	1.1	5.1	33	31	19	16
10	9.7	12	0.58	1.1	2.3	2.1	1.1	5.7	33	32	19	16
11	8.3	12	0.55	1.1	2.4	1.9	1.1	6.2	32	32	21	15
12	7.2	16	0.53	1.1	2.4	1.8	1.2	7.2	30	32	22	15
13	6.3	15	0.52	1.1	2.5	1.7	1.2	8.3	30	32	22	15
14	5.8	13	0.53	1.2	2.6	1.6	1.3	8.9	29	33	22	14
15	4.8	13	0.57	1.2	2.7	1.7	1.4	8.6	29	35	23	14
16	4.3	12	0.58	1.2	2.8	1.7	1.4	7.8	29	35	24	14
17	3.7	12	0.62	1.2	2.9	1.6	1.5	7.5	28	33	24	14
18	3.4	13	0.65	1.3	3	1.6	1.6	7.4	27	32	23	14
19	3.2	13	0.65	1.3	3	1.5	1.6	7.3	25	31	22	14
20	2.9	12	0.67	1.3	3	1.5	1.7	7.6	28	31	22	14
21	2.6	12	0.7	1.3	3	1.5	1.8	8.4	31	30	21	14
22	2.4	11	0.72	1.3	2.9	1.4	1.9	8.7	31	28	21	14
23	2.4	11	0.77	1.4	2.9	1.5	2.1	7.9	33	34	20	14
24	3.7	13	0.79	1.4	3	1.4	2.2	7.8	33	31	20	15
25	5.4	12	0.78	1.5	2.7	1.4	2.3	19	36	29	19	14
26	5.9	11	0.8	1.5	2.7	1.4	2.6	31	37	27	18	14
27	6.3	6.4	0.81	1.6	2.6	1.3	2.6	33	36	26	17	14
28	6.6	1.1	0.81	1.7	2.6	1.3	2.7	32	36	25	17	15
29	5.9	1	0.87	1.8	---	1.3	3	32	37	25	16	15
30	6.3	0.98	0.92	1.8	---	1.2	3.1	32	38	24	16	15
31	7	---	0.9	1.9	---	1.2	---	31	---	23	17	---
Total	236.1	332.08	22.17	39.36	71	55.1	50	361	953	957	636	451
Mean	7.6	11.1	0.72	1.3	2.5	1.8	1.7	11.6	31.8	30.9	20.6	15.1
Max	15	16	0.93	1.9	3	2.5	3.1	33	38	37	24	17
Min	2.4	0.98	0.52	0.94	1.9	1.2	1.1	3.3	25	23	16	14
AC-Ft	468	659	44	78	141	109	99	716	1890	1898	1261	895
CA1 YEAR 2002	TOTAL		3957.55	MEAN	14.9	MAX	33	MIN	0.055	AC-FT	7850	
WTR YEAR 2003	TOTAL		4163.81	MEAN	11.4	MAX	38	MIN	0.52	AC-FT	8259	

13057000 SCOTTS SLOUGH NEAR MENAN, ID

LOCATION.-Lat 43°44'32", Long 111°58'20", in NE~~4~~NE~~4~~NW~~4~~ sec. 27, T. 5N., R. 38E., Jefferson County, on right bank at road crossing of E 800 N Road, and approx. 2.0 mi northeast of Menan.

PERIOD OF RECORD.-May 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 49.0 ft³/s July 5, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.5	6.1	1.2	0.00	0.00	0.00	0.00	0.00	42	17	37	25
2	8.4	5.5	1.2	0.00	0.00	0.00	0.00	0.43	34	13	38	23
3	8.9	5.2	1.1	0.00	5.1	0.00	0.00	2.3	36	28	40	22
4	8.7	5.1	1.2	0.00	0.6	0.00	0.00	4.8	38	43	41	22
5	8.2	4.7	1.5	0.00	2	0.00	0.00	4.9	46	49	37	21
6	8.2	4.4	2.2	0.00	1.2	0.00	0.00	4.8	42	46	34	19
7	8.3	4.3	1.9	0.00	1.1	0.00	0.00	1.8	31	36	32	17
8	8.8	4.1	1.7	0.00	0.00	0.00	0.00	0.00	31	26	31	16
9	8.2	3.8	1.6	0.00	0.00	0.00	0.00	0.00	25	21	34	15
10	7.3	3.8	1.6	0.00	0.00	0.00	0.00	0.00	20	23	34	15
11	7.4	3.4	1.7	0.00	0.00	0.00	0.00	0.01	25	27	28	14
12	7.6	3.5	1.4	0.00	0.00	0.00	0.00	0.01	29	22	25	14
13	7.4	3.3	1.4	0.00	0.00	0.00	0.00	0.25	37	24	27	14
14	7.2	3.2	1.2	0.00	0.00	0.00	0.00	0.62	42	21	25	15
15	7.3	3	1	1	0.00	0.00	0.00	1.2	41	20	25	15
16	6.7	2.9	0.88	3.9	0.00	0.00	0.00	3.2	40	27	25	15
17	6	2.8	0.87	4.7	0.00	0.00	0.00	6.7	39	30	27	13
18	5.7	2.5	0.58	1.9	0.00	0.00	0.00	8.6	43	28	27	13
19	6.1	2.3	0.55	0.89	0.00	0.00	0.00	13	46	26	25	13
20	5.7	2.1	0.36	1	0.00	0.00	0.00	15	46	27	25	13
21	5.8	2.1	0.46	0.00	0.00	0.00	0.00	17	47	26	25	14
22	6.1	2	0.34	0.00	0.00	0.00	0.00	17	43	23	24	13
23	6.4	1.9	0.023	0.00	0.41	0.00	0.00	13	36	20	24	12
24	6.5	1.8	0.01	0.00	2.2	0.00	0.00	9.4	46	33	26	12
25	6.2	1.7	0.00	0.00	1.2	0.00	0.00	12	43	41	26	12
26	6.2	1.5	0.00	0.00	0.53	0.00	0.00	12	33	46	26	12
27	6.3	1.4	0.00	0.00	0.00	0.00	0.00	13	30	47	29	11
28	6.5	1.4	0.00	0.00	0.00	0.00	0.00	13	29	44	27	11
29	6.9	1.4	0.00	0.00	---	0.00	0.00	26	27	41	25	9.7
30	7.1	1.3	0.00	0.00	---	0.00	0.00	33	18	41	27	8.9
31	6.6	---	0.00	0.00	---	0.00	---	38	---	38	27	---
Total	221.2	92.5	25.97	13.39	14.34	0	0	271.02	1085	954	903	449.6
Mean	7.1	3.1	0.84	0.44	0.51	0.000	0.000	8.8	36	30.8	29.1	15
Max	8.9	6.1	2.2	4.7	5.1	0.00	0.00	38	47	49	41	25
Min	5.7	1.3	0.00	0.00	0.00	0.00	0.00	0.00	18	13	24	8.9
AC-Ft	439	183	52	27	28	0.00	0.00	538	2152	1892	1791	892

CAL YEAR 2002	TOTAL	3444.77	MEAN	14.1	MAX	41	MIN	0.000	AC-FT	6833
WTR YEAR 2003	TOTAL	4030.02	MEAN	11	MAX	49	MIN	0.000	AC-FT	7993

13057020 DRY BED NEAR LEWISVILLE, ID

LOCATION.-Lat 43°42'11", long 112°04'13", in SW¼SE¼SE¼ sec.2, T. 4N., R. 37E., Jefferson County, on right bank of road crossing at N 3100 E, .3 mi west of Hunter Rd. and approx. 3.0 mi west of Lewisville, ID.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 807 ft³/s July 23, 2003; minimum daily recorded, 8.9 ft³/s April 5, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	402	354	83	32	38	24	15e	79	362	---	---	544
2	360	343	79	31	33	21	15e	80	405	---	---	584
3	306	341	76	31	32	25	10	84	391	505	---	601
4	222	341	73	32	25	23	9.2	223	379	592	---	580
5	224	335	70	33	24	20	8.9	216	434	610	---	541
6	350	328	68	30	20	24	9.5	241	501	522	---	526
7	289	327	65	28	17	24	9.5	224	548	440	---	428
8	282	330	65	29	17	22	9.5	188	526	583	---	391
9	281	328	65	28	19	20	9.7	191	445	638	---	377
10	290	222	59	25	16	15	9.7	267	397	594	---	454
11	285	199	68	24	17	17	10	348	365	571	---	488
12	286	189	62	27	17	17	11	346	350	603	---	470
13	270	179	60	44	19	12	25	243	361	668	---	460
14	267	174	58	47	25	10e	56	202	444	539	---	471
15	268	170	58	48	25	10e	61	203	581	525	---	451
16	254	168	57	40	25	10e	69	176	578	573	---	451
17	240	165	58	34	23	10e	69	195	590	577	---	480
18	230	162	57	33	26	10e	69	228	641	559	---	464
19	267	159	48	22	23	10e	74	230	656	535	---	506
20	257	157	44	22	19	10e	90	197	659	668	---	490
21	251	154	51	22	18	10e	124	155	708	673	---	465
22	246	152	50	20	15	12e	112	197	787	736	---	445
23	228	149	45	23	14	12e	93	309	783	807	---	421
24	227	147	39	19	14	13e	90	354	733	740	---	407
25	224	145	35	19	16	13e	77	303	741	735	---	370
26	225	142	35	20	19	13e	96	298	704	657	---	379
27	225	142	35	26	24	15e	93	294	738	700	567	450
28	229	141	33	41	24	15e	100	295	640	736	476	472
29	229	100	34	38	---	15e	81	292	---	---	387	454
30	268	88	32	39	---	15e	68	294	---	---	389	455
31	355	---	33	40	---	15e	---	327	---	---	378	---
Total	8337	6331	1695	947	604	482	1574	7279	15447	16086	2197	14075
Mean	268.9	211.1	54.7	30.5	21.6	15.5	52.5	234.7	551.6	618.8	439.6	469.1
Max	402	354	83	48	38	25	124	354	787	807	567	601
Min	222	88	32	19	14	10	8.9	79	350	440	378	370
AC-Ft	16540	12560	3362	1878	1198	956	3122	14440	30640	31910	4358	27920
CA1 YEAR 2002	TOTAL	77006.00	MEAN	297.3	MAX	790	MIN	10	AC-FT	152700		
WTR YEAR 2003	TOTAL	75054.00	MEAN	226.1	MAX	807	MIN	8.9	AC-FT	148900		

e Estimate

13057030 SOUTH PARKS CANAL NEAR LEWISVILLE, ID

LOCATION.-Lat 43°41'19", long 112°03'47" in NE¼SE¼ sec.11, T. 04N., R. 37E., Jefferson County, on right downstream side of culvert at Hunter Road, approx. 1.0 mi south of E 500 N Rd. and approx. 2.0 mi west of Lewisville.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 88.0 ft³/s May 4, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	0.00e	---	---	---	---	---	70	15	23	26	25
2	32	0.00e	---	---	---	---	---	47	19	23	35	23
3	29	0.00e	---	---	---	---	---	66	27	18	52	20
4	17	0.00e	---	---	---	---	---	88	35	33	60	17
5	17	---	---	---	---	---	---	52	39	26	60	17
6	23	---	---	---	---	---	---	34	32	24	56	13
7	20	---	---	---	---	---	---	37	18	20	53	14
8	19	---	---	---	---	---	---	55	17	22	57	22
9	18	---	---	---	---	---	---	59	28	15	63	25
10	18	---	---	---	---	---	---	53	16	17	59	31
11	17	---	---	---	---	---	0.00e	41	12	16	66	32
12	17	---	---	---	---	---	0.00e	50	15	21	53	32
13	17	---	---	---	---	---	0.00e	29	17	29	46	34
14	15	---	---	---	---	---	0.00e	32	19	26	34	36
15	13	---	---	---	---	---	0.00e	23	17	18	37	32
16	12	---	---	---	---	---	0.00e	25	21	19	43	34
17	13	---	---	---	---	---	0.00e	25	17	27	47	40
18	13	---	---	---	---	---	0.00e	25	13	26	31	45
19	4.8	---	---	---	---	---	0.00e	28	14	28	19	38
20	2.6	---	---	---	---	---	0.00e	24	10	26	20	42
21	0.76	---	---	---	---	---	0.00e	36	23	32	17	57
22	0.00e	---	---	---	---	---	0.00e	27	39	44	16	60
23	0.00e	---	---	---	---	---	0.00e	17	37	48	13	54
24	0.00e	---	---	---	---	---	0.00e	16	44	45	25	53
25	0.00e	---	---	---	---	---	20e	20	35	58	34	39
26	0.00e	---	---	---	---	---	51	18	20	71	28	29
27	0.00e	---	---	---	---	---	74	16	17	72	35	51
28	0.00e	---	---	---	---	---	78	15	20	77	30	59
29	0.00e	---	---	---	---	---	71	12	21	66	24	65
30	0.00e	---	---	---	---	---	66	12	33	47	30	61
31	0.00e	---	---	---	---	---	---	20	---	36	21	---
Total	355.16	0	0	0	0	0	360	1072	690	1053	1190	1100
Mean	11.5	0.000	---	---	---	---	18.1	34.6	23	33.9	38.4	36.6
Max	37	0.00	---	---	---	---	78	88	44	77	66	65
Min	0.00	0.00	---	---	---	---	0.00	12	10	15	13	13
AC-Ft	704	0.00	0.00	0.00	0.00	0.00	714	2126	1369	2089	2360	2182
CAL YEAR 2002	TOTAL	6048.16	MEAN	32.7	MAX	69	MIN	0.000	AC-FT	12000		
WTR YEAR 2003	TOTAL	5820.16	MEAN	28	MAX	88	MIN	0.000	AC-FT	11540		

e Estimate

13057045 BUTTE MARKET LAKE CANAL NEAR LEWISVILLE, ID

LOCATION.-Lat 43°39'20", long 112°05'27" in SE¼SW¼SE¼ sec. 22, T. 04N., R. 37E., Jefferson County, on downstream side of Old Hwy 91 bridge, 200 ft south of E 200 N Rd., and approx. 6.0 mi south of Roberts.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 49.0 ft³/s April 2, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00e	0.00	0.00	0.00	0.00	0.00	0.00	3	0.66	0.42	0.3	0.00e
2	0.00e	0.00	0.00	0.00	0.00	0.00	49	7.9	0.67	0.57	0.3	0.00e
3	0.00e	0.00	0.00	0.00	0.00	0.00	34	14	0.68	2.5	0.61	0.00e
4	0.00e	0.00	0.00	0.00	0.00	0.00	18	14	0.69	0.81	0.79	0.00e
5	0.00e	0.00	0.00	0.00	0.00	0.00	29	13	0.68	1	2	0.00e
6	0.00	0.00	0.00	0.00	0.00	0.00	15	4.3	0.73	1.1	0.00e	0.00e
7	0.00e	0.00e	0.00	0.00	0.00	0.00	6.5	9.6	0.74	0.42	0.00e	0.00e
8	0.00e	0.00e	0.00	0.00	0.00	0.00	5.5	2.5	0.69	0.38	0.00e	0.00e
9	0.00e	0.00	0.00	0.00	0.00	0.00	1.8	1.2	1.2	0.4	0.00e	0.00e
10	0.00e	0.00	0.00	0.00	0.00	0.00	0.47	12	0.76	0.46	0.00e	0.00e
11	0.00e	0.00	0.00	0.00	0.00	0.00	7.3	18	0.78	0.43	0.00e	0.00e
12	0.00e	0.00	0.00	0.00	0.00	0.00	11	15	7.2	0.47	0.00e	0.00e
13	0.00e	0.00	0.00	0.00	0.00	0.00e	23	8.8	0.81	1.2	0.00e	0.00e
14	0.00e	0.00	0.00	0.00	0.00	0.00	5.4	11	5.8	3.6	0.00e	0.00e
15	0.00e	0.00	0.00	0.00	0.00	0.00	3.1	8.2	10	0.36	0.00e	0.00e
16	0.00e	0.00	0.00	0.00	0.00	0.00	13	4.9	7	0.39	0.00e	0.00e
17	0.00e	0.00	0.00	0.00	0.00	0.00	32	8.7	2.4	0.39	0.00e	0.00e
18	0.00e	0.00	0.00	0.00	0.00	0.00	9.6	9.6	1.1	0.37	0.00e	0.00e
19	0.00e	0.00	0.00	0.00	0.00	0.00	11	15	2.1	0.38	0.00e	0.00e
20	0.00e	0.00	0.00	0.00	0.00	0.00	8.7	22	3.2	0.35	0.00e	0.00e
21	0.00e	0.00	0.00	0.00	0.00	0.00	14	8.3	4.4	0.33	0.00e	0.00e
22	0.00e	0.00	0.00	0.00	0.00	0.00	9.4	1.8	4.6	0.32	0.00e	0.00e
23	0.00e	0.00	0.00	0.00	0.00	0.00	3.9	6.5	5.7	0.31	0.00e	0.00e
24	0.00e	0.00	0.00	0.00	0.00	0.00	4.8	7.7	3.5	0.32	0.00e	0.00e
25	0.00e	0.00	0.00	0.00	0.00	0.00	0.56	0.67	2.9	0.28	0.00e	0.00e
26	0.00e	0.00	0.00	0.00	0.00	0.00	0.98	0.73	1.9	0.3	0.00e	0.00e
27	0.00e	0.00	0.00	0.00	0.00	0.00	2.7	16	0.53	0.31	0.00e	0.00e
28	0.00e	0.00	0.00	0.00	0.00	0.00	11	4.3	1.4	0.39	0.00e	0.00e
29	0.00e	0.00	0.00	0.00	---	0.00	7.6	0.96	7.2	0.23	0.00e	0.00e
30	0.00e	0.00	0.00	0.00	---	0.00	4.1	0.64	8.1	0.24	0.00e	0.00e
31	0.00	---	0.00	0.00	---	0.00	---	0.84	---	0.26	0.00e	---
Total	0	0.05	0	0	0	0.01	342.41	251.14	88.12	19.29	4	0
Mean	0.000	0.0015	0.000	0.000	0.000	0.000	11.4	8.1	2.9	0.62	0.13	0.000
Max	0.00	0.045	0.00	0.00	0.00	0.01	49	22	10	3.6	2	0.00
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.53	0.23	0.00	0.00
AC-Ft	0.00	0.09	0.00	0.00	0.00	0.02	679	498	175	38	7.9	0.00
CA1 YEAR 2002	TOTAL		531.79	MEAN	2.5	MAX	31	MIN	0.000	AC-FT	1055	
WTR YEAR 2003	TOTAL		705.01	MEAN	1.9	MAX	49	MIN	0.000	AC-FT	1398	

e Estimate

13057100 BURGESS DRAIN NEAR IDAHO FALLS, ID

LOCATION.-Lat 43°36'60", long 112°03'03" in NW¼SE¼ sec. 01, T. 3N., R. 37E., Bonneville County, on left bank near mouth, 800 ft. upstream from Idaho Canal and approx. 9.0 mi north of Idaho Falls.

PERIOD OF RECORD.-May 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.--No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 12.0 ft³/s on May 7, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6	0.00	---	---	---	---	---	---	0.45	0.39	---	---
2	6.1	0.00	---	---	---	---	---	---	0.2	0.28	---	---
3	6.7	0.00	---	---	---	---	---	---	0.01	0.24	---	---
4	7.3	0.00	---	---	---	---	---	---	0.68	0.22	---	---
5	8.5	0.00	---	---	---	---	---	---	0.95	0.38	---	---
6	8.5	---	---	---	---	---	---	---	0.032	0.52	---	---
7	8.6	---	---	---	---	---	---	---	0.069	0.34	---	---
8	8.6	---	---	---	---	---	---	---	0.07	0.18	---	---
9	8.6	---	---	---	---	---	---	---	0.04	0.16	---	---
10	8.8	---	---	---	---	---	---	---	0.035	0.15	---	---
11	3.4	---	---	---	---	---	---	---	0.078	0.35	---	---
12	0.00	---	---	---	---	---	---	---	0.21	0.39	---	---
13	0.00	---	---	---	---	---	---	---	0.32	0.13	---	---
14	0.00	---	---	---	---	---	---	---	0.31	0.51	---	---
15	0.00	---	---	---	---	---	---	---	0.15	0.46	---	---
16	0.00	---	---	---	---	---	---	---	0.1	0.42	---	---
17	0.00	---	---	---	---	---	---	---	0.026	0.5	3.3	---
18	0.00	---	---	---	---	---	---	---	0.00	0.58	4.4	---
19	0.00	---	---	---	---	---	---	---	0.034	0.73	1	---
20	0.00	---	---	---	---	---	---	---	0.24	0.72	---	---
21	0.00	---	---	---	---	---	---	---	0.18	0.43	---	---
22	0.00	---	---	---	---	---	---	---	0.34	0.31	---	---
23	0.00	---	---	---	---	---	---	---	0.27	0.42	---	---
24	0.00	---	---	---	---	---	---	---	0.28	0.42	---	---
25	0.00	---	---	---	---	---	---	---	0.23	0.87	---	---
26	0.00	---	---	---	---	---	---	---	0.25	2.3	---	---
27	0.00	---	---	---	---	---	---	---	0.13	2.2	---	---
28	0.00	---	---	---	---	---	---	0.00	0.02	---	---	---
29	0.00	---	---	---	---	---	---	0.00	0.00	---	---	---
30	0.00	---	---	---	---	---	---	0.00	0.18	---	---	---
31	0.00	---	---	---	---	---	---	0.00	---	---	---	---
Total	81.1	0	0	0	0	0	0	0	5.88	14.6	8.7	0
Mean	2.6	0.000	---	---	---	---	---	0.000	0.2	0.54	2.9	---
Max	8.8	0.00	---	---	---	---	---	0.00	0.95	2.3	4.4	---
Min	0.00	0.00	---	---	---	---	---	0.00	0.00	0.13	1	---
AC-Ft	161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	29	17	0.00
CAL YEAR 2002	TOTAL		253.69	MEAN	2.4	MAX	13	MIN	0.000	AC-FT	503	
WTR YEAR 2003	TOTAL		110.28	MEAN	1.1	MAX	8.8	MIN	0.000	AC-FT	219	

13069548 STERLING WASTE NEAR SPRINGFIELD, ID

LOCATION.-Lat 43°01'49", long 112°43'40" in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.33, T. 04S., R. 33E., Bingham County, upstream end of culvert, on right bank near mouth, approx. 0.5 mi south of Sterling.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 18.0 ft³/s June 26, 2003; minimum daily, 0.41 ft³/s September 5, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	6.6	5.6	6.3	5.5	5	4.4	8	5.9	12	3.7	1
2	16	7.6	5.5	5.9	5.3	5	4.7	8.9	4.6	13	4.3	0.91
3	18	7.3	5.6	6.1	5	5	4.6	9.8	3.5	13	5.1	0.42
4	14	8.2	5.6	6.1	5	4.9	4.5	9.7	3.7	13	5.7	1.6
5	12	6	5.5	6.2	5	4.8	4.4	10	3.9	5	4.6	0.41
6	11	6.1	5.4	6	5.3	8.5	4.4	10	4.1	1.7	4.4	0.68
7	11	6.3	5.4	5.8	5.9	4.7	4.3	5.4	3.7	1.7	4.9	1
8	10	7.8	5.2	6.2	5.6	4.7	4.3	2.6	5.7	1.8	4.3	1.4
9	10	8.6	5.3	8.3	4.6	4.8	4.2	1.9	6.9	1.6	4.1	1.2
10	9.8	7.5	5.4	5.2	4.8	5.1	4.2	2.1	8.4	0.89	7.3	1.9
11	8.5	7	5.4	5.1	4.7	5.1	4.1	2.8	7	0.61	12	1.3
12	8.1	6.7	5.4	5.3	4.9	5.1	4.3	2.5	9	1.9	10	1.5
13	8	6.7	5.5	5.5	5.2	4.3	4.9	2.6	8.2	2	10	1.2
14	8.1	6.5	5.7	5.5	5.3	5	4.6	2.7	9.1	1.9	10	1.4
15	7.9	6.2	5.7	5.3	5.4	5.2	4.9	2.7	9.9	2.2	10	1.4
16	8	6.3	5.6	5.2	5.6	5.8	4.2	1.8	9.3	2.6	10	1.4
17	7.8	6.2	6.1	5.1	5.6	5.4	4.4	2.8	9.3	2.6	11	1.4
18	7.8	6	6.1	5.1	5.5	5.2	4.6	3	11	2.6	10	1.8
19	8.1	5.9	5.3	5.1	5.4	5	5.1	2.4	13	3.2	8.7	2.1
20	8	5.9	5	5.2	5.3	5	5.8	2.8	11	3.4	5.5	2.1
21	7.8	6	5.5	5.2	5.3	4.9	4.7	2.6	10	3.6	4.6	1.7
22	7.8	6	5.8	5.2	5.2	4.9	5.2	2.7	12	3.8	3	1.4
23	7.5	6.1	6.2	5.4	5.2	4.9	5.3	2.3	12	3	3	1.5
24	7.3	5.9	11	5.5	6.8	4.6	6.7	1.9	13	2.9	4	1.5
25	7.1	5.6	5.5	5.5	6.3	4.6	6	1.9	13	2.9	3.5	1.5
26	7.2	5.6	6.5	5.5	5.4	4.6	7.5	2.2	18	2.9	3.3	1.5
27	6.9	5.5	5.6	5.6	5.1	4.3	7	1.4	17	3	2.6	1.6
28	6.8	5.6	6	5.5	5	4.3	7	2.3	16	2.8	2.5	1.4
29	6.9	5.6	5.9	5.2	---	4.2	8.5	2.8	16	2.3	2	1.5
30	6.7	5.6	5.9	5.5	---	4.4	7.9	2.9	15	3	2.5	1.4
31	6.3	---	6.3	5.5	---	4.4	---	3.1	---	3.8	1.1	---
Total	284.4	192.9	180.5	174.1	149.2	153.7	156.7	120.6	289.2	120.7	177.7	41.12
Mean	9.2	6.4	5.8	5.6	5.3	5	5.2	3.9	9.7	3.9	5.8	1.4
Max	18	8.6	11	8.3	6.8	8.5	8.5	10	18	13	12	2.1
Min	6.3	5.5	5	5.1	4.6	4.2	4.1	1.4	3.5	0.61	1.1	0.41
AC-Ft	564	383	358	345	296	305	311	239	574	239	352	82
CA1 YEAR 2002	TOTAL	1561.40	MEAN	5.7	MAX	18	MIN	0.51	AC-FT	3097		
WTR YEAR 2003	TOTAL	2040.82	MEAN	5.6	MAX	18	MIN	0.41	AC-FT	4048		

13069565 ABERDEEN WASTE NEAR ABERDEEN, ID

LOCATION.-Lat 42°55'27", long 112°48'38" in NE¼SE¼SE¼ sec.3, T. 06S., R. 31E., Bingham County, on downstream right bank at 2600 W Road crossing, and approx. 1.5 mi southeast of Aberdeen.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 94.0 ft³/s May 26, 2002; minimum daily, 0.72 ft³/s Feb. 23, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	77	1.6	1.1	0.99	1.2	0.88	0.99	58	35	17	46	2.2
2	60	1.3	1.2	0.99	1.1	0.79	1	58	39	14	42	2.2
3	18	1.1	1.2	1	1	0.87	0.92	58	43	10	51	2.1
4	4.7	1.2	1.2	0.98	1	0.9	0.89	54	59	19	57	2.1
5	3.4	1.3	1.1	0.95	0.86	0.89	0.87	51	60	35	47	2.7
6	3	1.3	1.1	0.93	0.88	0.86	0.75	54	61	40	48	3.4
7	2.6	1.5	1	1	0.82	0.88	0.82	51	64	45	51	3.4
8	2	1.7	0.96	0.97	0.78	0.81	0.92	55	75	45	43	2.9
9	1.8	1.3	1.1	0.98	0.75	0.78	0.95	66	72	49	48	2.1
10	2	1.2	1.1	1	0.88	0.87	1	71	55	50	54	4.3
11	2	1.2	1.1	0.93	0.89	0.89	2.3	68	49	43	45	33
12	1.7	1.3	1.1	0.94	0.88	0.88	5.3	49	45	40	43	16
13	1.6	1.3	1.1	1.2	1	0.9	7	26	49	40	35	16
14	1.6	1.3	1	1.2	0.95	0.95	18	12	47	35	32	36
15	1.9	1.3	1	1.2	0.86	0.86	23	11	64	19	29	30
16	1.9	1.2	1	1.1	0.86	0.88	33	14	64	29	12	34
17	2	1.1	1.2	1	0.88	0.86	46	17	39	31	4	48
18	2	1.2	1.1	0.94	0.92	0.83	61	32	31	45	2.9	61
19	1.8	1.3	1	0.9	0.92	0.87	67	35	26	51	2	32
20	1.7	1.3	1	0.96	0.99	0.88	51	45	27	57	2.1	4.5
21	1.8	1.3	1	1	0.99	0.9	44	47	36	57	2.3	3.1
22	1.9	1.3	0.95	1	0.89	0.88	54	28	56	42	2.4	2.7
23	1.8	1.2	0.98	1	0.72	0.84	54	37	56	41	2.4	3.4
24	2	1.1	1	1	0.77	0.83	50	31	44	47	2.8	2.8
25	1.8	1.1	0.98	0.93	0.83	0.89	43	35	50	47	3.1	2
26	1.5	1.1	0.93	0.98	0.91	0.92	56	36	44	50	2.4	2.2
27	1.6	1.2	1.1	1.2	0.94	0.88	60	23	37	59	2.3	2.7
28	1.7	1.1	1.1	1.2	0.9	0.87	61	27	30	54	2.2	1.9
29	1.9	1	0.96	1.2	---	0.85	60	37	51	41	2.1	2.2
30	1.9	1.1	1	1.3	---	0.8	59	35	45	31	2.1	2
31	1.7	---	1.1	1.2	---	0.84	---	32	---	21	2.1	---
Total	212.3	37.5	32.76	32.17	25.37	26.83	863.71	1253	1453	1204	720.2	362.9
Mean	6.9	1.3	1.1	1	0.91	0.87	28.8	40.4	48.4	38.9	23.2	12.1
Max	77	1.7	1.2	1.3	1.2	0.95	67	71	75	59	57	61
Min	1.5	1	0.93	0.9	0.72	0.78	0.75	11	26	10	2	1.9
AC-Ft	421	74	65	64	50	53	1713	2485	2882	2388	1428	720
CAL YEAR 2002	TOTAL		6291.20	MEAN	17.2	MAX	94	MIN	0.93	AC-FT	12480	
WTR YEAR 2003	TOTAL		6223.74	MEAN	17.1	MAX	77	MIN	0.72	AC-FT	12340	

13076210 TARTAR WASTE NEAR ABERDEEN, ID

LOCATION.-Lat 42°52'40", long 112°51'23" in SW¼SW¼SE¼ sec. 20, T. 06S., R. 31E., Bingham County, on left bank upstream end of bridge and approx. 4.0 mi south of Aberdeen.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded 40.0 ft³/s May 26, 2002; no flow for many days.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.9	---	---	---	---	---	---	1.9	3.2	1.2	1.6	---
2	7.6	---	---	---	---	---	---	1.9	3.6	0.89	2.4	---
3	1.2	---	---	---	---	---	---	1.8	4.2	1	2.6	---
4	0.045	---	---	---	---	---	---	1.7	5.3	1.7	5.3	---
5	---	---	---	---	---	---	---	2.1	4.6	4.7	3.4	---
6	---	---	---	---	---	---	---	2.2	2.5	6.1	1.8	---
7	---	---	---	---	---	---	---	2	5	7.7	1.3	---
8	---	---	---	---	---	---	---	2.7	8	4.1	1.8	---
9	---	---	---	---	---	---	---	4.3	7.7	8.5	2.2	---
10	---	---	---	---	---	---	---	3.7	4.4	9.7	2	---
11	---	---	---	---	---	---	---	3.6	3.3	7.7	3	2.2
12	---	---	---	---	---	---	---	3.6	2.6	5.2	2.5	2.4
13	---	---	---	---	---	---	---	2.6	1.8	3.1	1.4	0.58
14	---	---	---	---	---	---	---	2.4	1.7	5.1	1.1	0.68
15	---	---	---	---	---	---	---	2.4	1.9	8.1	1.6	1.1
16	---	---	---	---	---	---	---	2.1	2.1	10	1.3	1.7
17	---	---	---	---	---	---	---	2.9	1.9	11	0.61	4.4
18	---	---	---	---	---	---	---	2.7	1.8	9.8	---	17
19	---	---	---	---	---	---	---	3	1.2	5.3	---	10
20	---	---	---	---	---	---	---	4.1	1.3	3.7	---	1
21	---	---	---	---	---	---	1.9	2.7	2.1	4.2	---	---
22	---	---	---	---	---	---	2.3	2	4.8	2.7	---	---
23	---	---	---	---	---	---	3.7	2.1	5.8	3.1	---	---
24	---	---	---	---	---	---	4	2.2	3.9	3.6	---	---
25	---	---	---	---	---	---	4	2.7	5.4	3.5	---	---
26	---	---	---	---	---	---	4.1	3.5	5.2	4.6	---	---
27	---	---	---	---	---	---	4.3	2.8	3.9	5.8	---	---
28	---	---	---	---	---	---	3.2	2.1	2.6	5	---	---
29	---	---	---	---	---	---	2.9	3	3.5	1.7	---	---
30	---	---	---	---	---	---	2	3.3	3.9	0.89	---	---
31	---	---	---	---	---	---	---	3	---	0.83	---	---
Total	17.75	0	0	0	0	0	32.4	83.1	109.2	150.51	35.91	41.06
Mean	4.5	---	---	---	---	---	3.2	2.7	3.6	4.9	2.1	4.1
Max	8.9	---	---	---	---	---	4.3	4.3	8	11	5.3	17
Min	0.045	---	---	---	---	---	1.9	1.7	1.2	0.83	0.61	0.58
AC-Ft	35	0.00	0.00	0.00	0.00	0.00	64	165	217	299	71	81
CA1 YEAR 2002	TOTAL	994.42	MEAN	6.3	MAX	40	MIN	0.000	AC-FT	1972		
WTR YEAR 2003	TOTAL	469.93	MEAN	3.5	MAX	17	MIN	0.045	AC-FT	932		

13077650 ROCK CREEK NEAR AMERICAN FALLS, ID

LOCATION.-Lat 42°39'10", long 113°01'00" in NW¼NE¼SW¼ sec. 12, T. 09S., R. 29E., Power County, 100 ft upstream from road crossing at Register Rock State Park and approx. 15 mi southwest of American Falls.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 29.0 ft³/s Dec. 20, 28, 2002; minimum daily, 0.01 ft³/s July 29, 2002.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.7	18	28	28	26	24	17	5.9	0.82	0.64	1.3	1.9
2	5.4	20	27	27	27	24	17	5.7	0.52	0.52	2.1	2.1
3	5.2	22	27	28	27	23	19	4.4	0.92	0.57	2.1	1.8
4	5.6	21	28	28	28	23	17	6.4	0.99	0.42	11	1.7
5	6.1	22	25	28	27	23	16	6.1	0.36	0.95	13	1.8
6	6.2	21	25	28	26e	22	17	6	0.32	0.62	3.3	1.7
7	6.4	20	25	28	26e	22	15	6.2	0.34	0.38	2.4	1.7
8	6.5	20	27	28	26e	22	13	6	0.31	0.32	1.6	2
9	6.2	21	27	28	26	21	13	6.9	0.29	0.21	1.1	1.8
10	6.5	19	27	27	27	19	13	6.5	0.26	0.22	0.67	2.1
11	6.8	19	27	27	26	19	12	5.2	0.27	0.19	0.64	2.5
12	7	18	27	27	26	19	11	5.6	0.26	0.19	0.35	2.5
13	7.8	18	27	28	27	18	12	4.8	0.27	0.15	0.32	2.4
14	8.6	18	27	28	28	16	11	3	0.27	0.16	0.29	2.4
15	8.3	18	26	28	28	15	10	3.8	0.24	0.24	0.31	2.3
16	7.8	18	27	27	27	19	6	3.6	0.3	0.19	0.32	2.3
17	7.8	19	28	27	27	20	6.1	3.1	0.55	0.15	0.33	2.5
18	8.8	19	27	27	26	21	6.8	6.4	0.67	0.2	0.26	2.7
19	7.8	20	27	27	26	24	5.8	7	1	0.2	0.35	2.6
20	6.2	20	29	27	25	20	5.3	5.1	1.5	0.2	0.44	2.5
21	6.1	21	28	27	25	19	5.3	2.8	1.4	0.23	0.32	2.5
22	6.2	22	28	27	24	17	5.2	2.2	1.1	0.31	0.28	2.5
23	8.3	24	28	27	24	17	6.3	2.1	1.6	0.32	1.5	2.6
24	9.3	24	28	27	26	19	8.1	1.9	1.4	0.25	2.1	2.4
25	9.2	23	28	27	25	18	7.5	2.1	1.4	0.19	1.3	2.9
26	10	27	28	27	25	18	6.3	2.2	0.89	0.33	0.25	2.8
27	9.6	28	28	27	25	19	6.8	2	1	0.4	0.22	2.7
28	10	28	29	27	24	18	6.3	0.94	1.3	1.1	0.22	2.4
29	10	28	28	27	---	18	6.7	0.58	0.75	0.67	0.15	2.7
30	11	28	27	27	---	20	6.4	0.84	0.59	0.86	0.43	2.3
31	11	---	28	27	---	18	---	0.76	---	0.84	1.9	---
Total	236.4	644	846	848	730	615	307.9	126.12	21.89	12.22	50.85	69.1
Mean	7.7	21.4	27.3	27.3	26.1	19.9	10.3	4.1	0.73	0.39	1.6	2.3
Max	11	28	29	28	28	24	19	7	1.6	1.1	13	2.9
Min	4.7	18	25	27	24	15	5.2	0.58	0.24	0.15	0.15	1.7
AC-Ft	469	1277	1678	1682	1448	1220	611	250	43	24	101	137
CA1 YEAR 2002	TOTAL	2483.34	MEAN	9.3	MAX	29	MIN	0.014	AC-FT	4926		
WTR YEAR 2003	TOTAL	4507.48	MEAN	12.3	MAX	29	MIN	0.15	AC-FT	8940		

e Estimate

13082032 D3 DRAIN NEAR RUPERT, ID

LOCATION.-Lat 42°36'50", long 113°36'8", in NE¼NE¼NE¼ sec. 22, T. 10S., R. 18E., Minidoka County, approx. 3.0 mi east of Rupert.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 31.0 ft³/s Sept. 22, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	0.26	0.15	0.23	1.4	0.68	2.8	2.7
2	---	---	---	---	---	0.29	0.2	0.29	2.9	0.087	3.4	3.4
3	---	---	---	---	---	0.35	0.16	0.68	1.4	0.87	3.3	1.7
4	---	---	---	---	---	0.32	0.11	2.4	0.061	2	4	1.8
5	---	---	---	---	---	0.36	0.1	2.2	0.064	0.065	3.8	2.1
6	---	---	---	---	---	0.49	0.075	1.7	0.79	0.025	3.5	1.9
7	---	---	---	---	---	0.43	0.044	1.7	0.00	0.077	4.4	2.2
8	---	---	---	---	---	0.36	0.047	1.9	0.00	0.00	5.4	3.4
9	---	---	---	---	---	0.33	0.07	2.1	0.00	0.22	4.2	3
10	---	---	---	---	---	0.34	0.058	1.4	1.6	0.92	4.6	2.1
11	---	---	---	---	---	0.31	0.06	1.1	1.9	0.13	4.7	2.3
12	---	---	---	---	---	0.29	0.05	0.91	0.25	1.5	1.9	3.1
13	---	---	---	---	---	0.29	0.046	0.8	0.00	0.78	1.2	2.6
14	---	---	---	---	---	0.29	0.011	1.4	0.00	1.7	1.6	1
15	---	---	---	---	---	0.31	0.044	1.8	0.00	1.4	2.6	1.7
16	---	---	---	---	---	0.38	0.01	0.95	0.63	0.67	1.6	1.6
17	---	---	---	---	---	0.3	0.018	1.2	0.13	1	0.69	1
18	---	---	---	---	---	0.28	0.028	1.3	0.38	0.75	1.2	1.2
19	---	---	---	---	---	0.25	0.031	1.5	1.7	0.74	1.1	2
20	---	---	---	---	0.54	0.26	0.2	0.85	1.7	0.79	1.1	1.3
21	---	---	---	---	0.51	0.24	0.16	0.23	0.88	1.3	1.7	0.77
22	---	---	---	---	0.45	0.26	0.12	0.59	1.9	1.2	1.7	0.76
23	---	---	---	---	0.37	0.22	0.089	0.97	0.014	1.1	1.6	0.79
24	---	---	---	---	0.28	0.2	0.16	0.61	0.00	1.5	2.7	0.77
25	---	---	---	---	0.32	0.19	0.12	0.61	0.00	2.1	2.6	0.89
26	---	---	---	---	0.31	0.24	0.21	1.8	0.01	2.1	2.1	0.99
27	---	---	---	---	0.3	0.19	0.26	1.3	0.29	2	1.4	1.7
28	---	---	---	---	0.28	0.17	0.31	0.3	0.24	2.4	1.3	2.4
29	---	---	---	---	---	0.15	0.54	2.2	0.67	2.2	1.6	1.8
30	---	---	---	---	---	0.18	0.25	2.5	1.5	2.3	1.6	1.6
31	---	---	---	---	---	0.17	---	2.5	---	2.5	1.5	---
Total	0	0	0	0	3.36	8.7	3.73	40.02	20.41	35.1	76.89	54.57
Mean	---	---	---	---	0.37	0.28	0.12	1.3	0.68	1.1	2.5	1.8
Max	---	---	---	---	0.54	0.49	0.54	2.5	2.9	2.5	5.4	3.4
Min	---	---	---	---	0.28	0.15	0.01	0.23	0.00	0.00	0.69	0.76
AC-Ft	0.00	0.00	0.00	0.00	6.7	17	7.4	79	40	70	153	108
CAL YEAR 2002	TOTAL	1219.14	MEAN	6.6	MAX	31	MIN	0.000	AC-FT	2418		
WTR YEAR 2003	TOTAL	242.78	MEAN	1.1	MAX	5.4	MIN	0.000	AC-FT	482		

13082060 F WASTE NEAR DECLO, ID

LOCATION.-Lat 42°32'49", long 113°37'39", in NE¼NE¼NE¼ sec. 22, T. 10S., R. 24E. Cassia County, on left bank, 0.6 mi downstream from "first lift" pump station, approx. 1.3 mi north of Declo.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water stage recorder.

Remarks.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 172 ft³/s April 13, 14, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	---	---	---	---	---	---	26	30	11	22	17
2	15	---	---	---	---	---	---	24	17	34	33	14
3	7.5	---	---	---	---	---	---	13	27	19	60	15
4	12	---	---	---	---	---	---	19	13	40	67	6.2
5	15	---	---	---	---	---	---	23	11	14	33	5.2
6	12	---	---	---	---	---	---	14	15	23	16	13
7	6.9	---	---	---	---	---	---	20	22	20	52	22
8	6.1	---	---	---	---	---	---	13	6.9	13	27	8.6
9	14	---	---	---	---	---	---	20	23	21	9.1	24
10	7.8	---	---	---	---	---	---	6.7	9.9	17	20	16
11	16	---	---	---	---	---	67	27	20	14	19	21
12	---	---	---	---	---	---	168	11	18	14	13	43
13	---	---	---	---	---	---	172	15	13	12	14	46
14	---	---	---	---	---	---	172	25	24	10	28	45
15	---	---	---	---	---	---	144	22	42	8.4	14	20
16	18	---	---	---	---	---	147	11	17	11	22	8.3
17	13	---	---	---	---	---	143	15	24	33	33	30
18	---	---	---	---	---	---	119	21	25	30	25	58
19	---	---	---	---	---	---	141	58	15	21	22	38
20	---	---	---	---	---	---	141	40	14	20	7.5	19
21	---	---	---	---	---	---	93	34	28	11	23	36
22	---	---	---	---	---	---	142	45	102	19	41	43
23	---	---	---	---	---	---	106	22	89	20	34	26
24	---	---	---	---	---	---	45	16	27	11	17	4.6
25	---	---	---	---	---	---	14	27	21	28	22	7.4
26	---	---	---	---	---	---	28	21	15	22	11	8.3
27	---	---	---	---	---	---	35	18	12	28	11	11
28	---	---	---	---	---	---	31	14	14	15	9.8	30
29	---	---	---	---	---	---	22	14	31	13	22	7.5
30	---	---	---	---	---	---	24	20	22	9.8	31	7.1
31	---	---	---	---	---	---	---	23	---	25	43	---
Total	154.3	0	0	0	0	0	1954	677.7	747.8	587.2	801.4	650.2
Mean	11.9	---	---	---	---	---	97.6	21.9	25	18.9	25.8	21.7
Max	18	---	---	---	---	---	172	58	102	40	67	58
Min	6.1	---	---	---	---	---	14	6.7	6.9	8.4	7.5	4.6
AC-Ft	306	0.00	0.00	0.00	0.00	0.00	3876	1344	1483	1165	1590	1290
CAL YEAR 2002	TOTAL		3721.80	MEAN	21.1	MAX	60	MIN	6	AC-FT	7382	
WTR YEAR 2003	TOTAL		5572.60	MEAN	30	MAX	172	MIN	4.6	AC-FT	11050	

13082062 D5 DRAIN NEAR RUPERT, ID

LOCATION.-Lat 42°33'15", long 113°38'38", in NW¼SW¼ sec. 15, T. 10S., R. 24E., Minidoka County, upstream side of culvert crossing at 100 E Road and approx. 5.0 mi east of Rupert

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 18.0 ft³/s June 22, 2003; minimum daily recorded, 0.06 ft³/s Nov. 29, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.1	1.1	0.4	0.18	0.49	0.37	0.67	7.4	6	7.5	---	4.8
2	0.66	1.3	0.29	0.19	0.35	0.85	0.66	6.5	12	6.7	---	6.5
3	0.69	1.3	0.26	0.23	0.29	0.37	0.56	7.4	13	6.9	---	4.1
4	1.2	1	0.23	0.19	0.3	0.43	0.57	7.6	14	11	5	3.2
5	0.64	0.77	0.29	0.17	0.3	0.42	0.67	6.4	12	11	1.1	4.9
6	1.6	0.82	0.47	0.45	0.32	0.41	0.56	4.2	6.4	5.8	2.4	4.5
7	0.62	---	0.32	0.4	0.31	0.45	0.56	6	5.6	5.7	3.7	9.4
8	0.57	1.7	0.29	0.4	0.28	0.48	0.64	6.3	6.5	3.5	3.6	11
9	0.55	0.56	0.31	0.43	0.33	0.46	0.6	7.1	6.9	1.7	3.8	6.1
10	0.64	0.8	0.31	0.5	0.43	0.48	0.59	6.4	5.5	2.3	2.5	3.2
11	---	0.71	0.35	0.65	---	0.45	0.71	6.1	5.2	3.6	6.6	1.7
12	---	2.7	0.33	0.79	0.69	0.55	0.6	5.5	4.9	3.9	9.5	5.7
13	1.7	3.1	0.32	---	1	0.58	0.6	6.7	4.6	1.4	9.8	9.4
14	2.6	3.2	0.33	1.8	0.96	1.1	0.52	6.1	4	2.1	10	3.7
15	2.4	3.5	0.31	0.26	0.75	0.53	0.87	7.9	4.4	3.6	7.5	2.4
16	1.6	3.5	0.27	0.35	0.76	0.71	---	7.3	5.3	2.2	4.9	3.6
17	1.1	4.9	1.2	0.55	0.8	0.56	0.62	6.1	5	3.8	5.2	4.3
18	0.93	4	0.33	0.65	0.74	0.53	0.77	3.9	2.5	3.2	---	3.2
19	0.73	4	0.31	0.7	0.7	0.56	0.96	6.4	2	1.2	---	6
20	2.5	3.8	0.27	0.77	0.56	0.58	1.3	6.4	2	3.6	---	3.6
21	---	3.9	0.28	0.74	0.59	0.55	4.1	4.9	12	7.8	---	2.5
22	---	4	0.26	0.58	0.39	0.58	4.3	4.8	18	1.7	---	1.2
23	---	4.1	0.42	0.59	0.53	0.59	4.5	4.7	9.4	1.7	---	1.9
24	---	3.9	0.26	0.48	0.71	0.55	6.6	5.2	2	5.1	---	1.6
25	3.3	4.7	0.19	0.48	0.7	0.45	5.4	4.9	6.6	8.4	---	1.6
26	2.8	0.29	0.2	0.48	0.76	0.62	11	5	6.6	11	---	0.95
27	2.2	0.084	0.25	0.56	0.72	0.52	13	3.9	3.3	12	---	0.56
28	2.1	0.064	0.27	0.51	0.58	0.72	11	3.5	3.6	16	---	0.51
29	1.8	0.055	0.23	0.38	---	0.64	7.6	6.4	3	12	5.6	0.53
30	1.6	0.093	0.22	0.51	---	0.61	8.2	5.4	6.9	---	6.5	2.8
31	1.1	---	0.21	0.53	---	0.56	---	4.5	---	---	2.6	---
Total	37.73	63.95	9.98	15.5	15.34	17.26	88.73	180.9	199.2	166.4	90.3	115.45
Mean	1.5	2.2	0.32	0.51	0.57	0.56	3.1	5.8	6.6	5.7	5.3	3.8
Max	3.3	4.9	1.2	1.8	1	1.1	13	7.9	18	16	10	11
Min	0.55	0.055	0.19	0.17	0.28	0.37	0.52	3.5	2	1.2	1.1	0.51
AC-Ft	75	127	20	31	30	34	176	359	395	330	179	229
CA1 YEAR 2002	TOTAL		589.29	MEAN	2.4	MAX	10	MIN	0.055	AC-FT	1169	
WTR YEAR 2003	TOTAL		1000.74	MEAN	3	MAX	18	MIN	0.055	AC-FT	1985	

13082064 D4 DRAIN NEAR RUPERT, ID

LOCATION.-Lat 42°34'15", long 113°38'25" in NE¼,NE¼, sec. 22, T. 10S R. 24E, Minidoka County, on upstream left side of weir, 0.5 mi upstream from mouth, 0.4 mi south of 300 South Rd, and approx. 3.0 mi southeast of Rupert.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMS FOR PERIOD OF RECORD.-Maximum daily discharge, 18.0 ft³/s July 15, 2002; minimum daily, 1.3 ft³/s April 27 and May 2, 2002.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.5	6.1	4.5	3.5	2.8	2.3	2.2	5.5	4.9	8	6.8	6.6
2	5.5	6	4.5	3.5	2.8	2.3	2.3	5.6	5.8	7.3	6.6	6.4
3	5.7	5.8	4.4	3.5	2.7	2.4	2.1	5.4	5.1	8.1	6.5	6.5
4	5.8	5.9	4.5	3.4	2.6	2.4	2.1	5.1	5.2	8.8	6.5	7.1
5	5.4	6	4.3	3.5	2.7	2.3	2.2	5.1	4.9	8.7	6.4	7
6	5.3	5.8	4.3	3.4	2.9	2.5	2.2	5.1	5	8	6.5	6.7
7	5.4	5.9	4.2	3.3	3.1	2.6	2.2	5.1	5.2	8.3	6.3	6.2
8	5.3	6	4.1	3.2	3	2.7	2.2	5.2	5.4	8.9	7.1	5.8
9	5.4	5.7	4	3.1	2.9	2.8	2.2	5.8	5.6	7.4	7.4	5.6
10	5.3	5.5	4.1	3.2	2.9	2.8	2.1	5.7	5.7	7.2	6.9	5.5
11	7.7	5.3	4	3.1	2.9	2.9	2	5.8	5.6	7.4	7	5.4
12	11	5	4	3.1	2.8	3	1.8	5.8	5.6	8.1	6.9	6
13	9.4	5.1	4.1	3.1	2.9	3	1.9	5.8	5.9	7.7	6.9	6.5
14	8.5	4.8	4	3.1	2.9	3.1	1.8	5.9	6.5	7.6	6.5	4.8
15	8.2	4.7	4	3.1	2.7	3.2	2.1	5.9	6.8	7.1	6.2	4.5
16	7.7	4.9	3.8	3	2.8	3.4	2.3	5.7	6.5	7	6.1	4.4
17	7.7	5	3.9	3	2.8	3.2	2.8	6	6.1	7.4	9.6	4.5
18	7.4	5	3.5	3	2.7	3.2	2.9	6.1	6.2	7.4	7.1	4.3
19	7.2	4.9	3.5	3	2.6	3	3.1	6.2	6.4	6.7	6.4	5
20	7.2	4.9	3.5	3	2.6	2.1	3.2	6.9	6.3	7.1	6.2	4.2
21	6.9	4.9	3.6	2.9	2.5	2.1	3.4	6.1	7.6	7.1	6.4	5.1
22	6.8	5	3.4	3	2.6	2.2	4.3	4.9	7.2	6.7	7.1	3.9
23	6.6	4.9	3.3	3.1	2.6	2.2	4.7	3.8	9.7	6.8	7.4	4
24	6.7	4.9	3.4	3	2.2	2.1	4.6	3.6	7	6.9	8.1	3.9
25	6.6	4.8	3.5	2.9	2.3	2.2	4.4	3.6	6.5	7.1	7.9	3.9
26	6.4	4.7	3.7	2.8	2.4	2.4	4.6	3.7	6.7	7.1	6.7	3.8
27	6.3	4.6	3.6	2.8	2.3	2.3	5.1	3.6	7.1	6.7	6.2	3.9
28	6.2	4.6	3.7	2.8	2.3	2.2	5	4.2	7.3	6.8	6.4	3.8
29	6.3	4.6	3.6	2.9	---	2.1	5	4.5	7.5	6.6	6.6	3.9
30	6.2	4.6	3.9	2.9	---	2.1	5.1	4.8	9.7	6.3	6.9	3.9
31	6.1	---	3.7	2.7	---	2.2	---	4.9	---	6.8	7	---
Total	207.7	155.9	120.6	95.9	75.3	79.3	91.9	161.4	191	229.1	212.6	153.1
Mean	6.7	5.2	3.9	3.1	2.7	2.6	3.1	5.2	6.4	7.4	6.9	5.1
Max	11	6.1	4.5	3.5	3.1	3.4	5.1	6.9	9.7	8.9	9.6	7.1
Min	5.3	4.6	3.3	2.7	2.2	2.1	1.8	3.6	4.9	6.3	6.1	3.8
AC-Ft	412	309	239	190	149	157	182	320	379	454	422	304
CA1 YEAR 2002	TOTAL		1572.20	MEAN	5.6	MAX	18	MIN	1.3	AC-FT	3118	
WTR YEAR 2003	TOTAL		1773.80	MEAN	4.9	MAX	11	MIN	1.8	AC-FT	3518	

13082320 MARSH CREEK NEAR DECLO, ID

LOCATION.-Lat 42°31'30", long 113°38'50", in NE¼NE¼SE¼ sec. 28, T. 10S., R. 24E., Cassia County, at county road crossing, approx. 1.1 mi northwest of Declo.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 29.0 ft³/s June 4, 2002; minimum daily, 4.1 ft³/s May 16, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	11	8.7	7.3	6.4	6.3	6.5	6.9	4.7	15	20	16
2	15	10	8.6	7.3	6.3	6.3	6.9	8.6	5.3	18	21	12
3	13	10	8.7	7.1	6.3	6.4	6.8	9.3	5.5	15	23	10
4	14	11	8.5	7.1	6.3	6.4	6.8	9.7	6.1	13	26	10
5	13	10	8.4	7.1	6.2	6.4	6.8	10	7.4	13	21	12
6	13	11	8.5	6.9	6.2	6.5	6.9	9.2	6.6	14	19	14
7	13	11	8.4	6.9	6.2	6.4	6.8	9.6	6.6	14	15	14
8	12	11	8.2	6.9	6.3	6	6.6	7.9	7.4	15	14	13
9	13	11	8	6.9	6.3	6	6.6	6.6	5.3	14	21	13
10	14	11	8.1	6.9	6.2	6.1	6.7	5.8	6.4	15	14	15
11	15	11	8.1	6.8	6.1	6.1	6.7	5.8	6.5	14	15	15
12	14	10	8	6.8	6.2	6.2	6.8	7	6.1	14	16	17
13	14	10	8	6.7	6.3	6.1	6.8	5.9	6.7	14	17	16
14	15	10	8	6.7	6.1	6.4	6.9	4.8	6.3	16	17	16
15	15	10	8	6.7	5.9	6.5	6.8	4.4	6.3	15	18	15
16	12	10	8.1	6.7	6	6.4	6.6	4.1	7	17	19	14
17	12	9.8	8.1	6.7	5.9	6.1	6.6	4.6	8.2	17	16	13
18	11	9.7	7.9	6.7	5.9	6.2	6.4	5.7	7.7	18	17	13
19	9.6	9.6	7.8	6.7	5.9	6.2	6.3	5	8.8	18	16	13
20	10	9.3	7.9	6.8	5.7	6.3	6.2	5.9	11	19	15	13
21	9.3	9.4	7.7	6.6	5.7	6.3	6.5	4.8	14	20	17	13
22	9	9.3	7.6	6.6	5.8	6.3	6.1	4.3	17	19	18	12
23	8.3	9.3	7.5	6.6	5.7	6.3	6.1	5.3	16	18	18	13
24	9.9	9.1	7.5	6.5	5.8	6.3	5.9	4.7	14	16	18	13
25	9.8	9.2	7.4	6.4	6	6.3	6.6	5.3	12	17	18	15
26	9.8	9	7.4	6.6	6.1	6.7	7.3	6.9	9.8	20	15	15
27	10	8.8	7.6	6.4	6.3	6.4	6.5	5.8	8.9	22	15	14
28	11	9	7.4	6.4	6.3	6.4	6.2	5.3	9.9	20	18	14
29	11	8.9	7.3	6.4	---	6.4	6.6	5.7	13	18	17	13
30	11	8.8	7.3	6.5	---	6.2	7.1	6.9	14	16	17	11
31	11	---	7.6	6.4	---	6.2	---	6	---	17	17	---
Total	371.7	297.2	246.3	209.1	170.4	195.1	198.4	197.8	264.5	511	548	407
Mean	12	9.9	8	6.7	6.1	6.3	6.6	6.4	8.8	16.4	17.6	13.6
Max	15	11	8.7	7.3	6.4	6.7	7.3	10	17	22	26	17
Min	8.3	8.8	7.3	6.4	5.7	6	5.9	4.1	4.7	13	14	10
AC-Ft	737	589	489	415	338	387	394	392	525	1014	1087	807
CAL YEAR 2002	TOTAL		3613.90	MEAN	13	MAX	29	MIN	6	AC-FT	7168	
WTR YEAR 2003	TOTAL		3616.50	MEAN	9.9	MAX	26	MIN	4.1	AC-FT	7173	

13082330 SPRING CREEK NEAR DECLO, ID

LOCATION.-Lat 42°31'01", long 113°41'03", in SE¼NE¼NW¼ sec. 32, T. 10S., R. 24E., Cassia County, downstream side of culvert crossing at Spring Creek road and approx. 3.0 mi west of Declo.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 27.0 ft³/s July 15, 2002; minimum daily recorded, 0.0 ft³/s, April 14-16, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	8.4	9.8	9.6	7.6	6.2	2.2	---	---	7	8.8	5.9
2	12	8.2	9.8	9.9	7.1	6.2	5.1	---	---	8.2	6.5	6
3	12	8.4	9.1	9.7	7.1	6.3	4.6	---	---	6.8	6.4	6
4	10	7.9	10	9.5	7.2	6.1	3.1	---	---	6.1	8.2	11
5	10	8.3	9.1	9.7	7.6	5.9	2	---	---	5.7	7.6	7.5
6	9.7	8.6	9.3	9.4	7.5	6.1	1.3	---	---	4.9	9.2	5.4
7	9.6	8.5	9.4	9.3	7.6	5.8	0.66	---	---	5	7.1	5.6
8	10	8.6	8.9	9.5	7.6	5.7	0.5	---	---	4.6	8.6	6.5
9	11	8.2	9.2	9.5	8	5.4	0.83	---	---	4.6	8.1	5.5
10	11	8	8.7	9.8	8	5.1	2.7	---	---	4.9	9.1	6
11	10	7.8	9	9.5	7.7	4.8	3.2	---	---	4.5	10	6.3
12	12	7.9	8.1	9.3	7.5	4	2.5	---	---	6.7	10	6.7
13	13	8.3	8.2	9.4	8.1	3.6	0.64	---	---	5.7	11	6.8
14	13	8.2	8.1	9.5	7.7	2.9	0.00	---	---	4.4	10	6.9
15	12	7.8	8.4	9.3	7.9	3	0.00	---	---	4.2	11	7.4
16	10	7.8	9	9.1	7.7	3.2	0.00	---	---	4.6	12	7.7
17	9.3	7.8	8.9	9.5	7.9	3.2	0.03	---	---	4.6	10	7.4
18	8.8	7.4	8.9	9.8	7.6	2.9	0.64	---	---	4.9	10	7.8
19	8.5	7.9	8.8	9	7.3	2.9	0.34	---	7.9	5.8	10	8
20	9.1	8.3	8.9	8.9	6.4	2.7	0.073	---	7.5	6.4	12	8.5
21	8.9	8.1	8.9	8.7	6	2.3	0.65	---	7.2	5.9	13	10
22	9.8	8.3	9.2	8.7	5.8	1.4	1.4	---	7.1	8.1	16	9.2
23	9.1	8.6	8.9	8.9	5.9	1.2	3.1	---	6.6	11	15	8
24	9.5	8.8	9.4	8.9	6	1.9	4.4	---	6.2	13	11	8.6
25	9.5	8.8	9.2	9	6	1.9	6.3	---	6.8	11	8.5	8.9
26	9.5	9.3	9.4	9.4	6.4	1.6	5.4	---	7.2	9.9	8.5	8.6
27	9.2	9.2	9.6	10	6.5	2	5	---	6.3	9.3	8.8	9.9
28	8.9	9.6	8.9	9.5	6.2	2.3	5.6	---	6.1	9	9.5	9.2
29	8.9	9.9	9.4	9.5	---	1.8	6.7	---	6	9.5	9.8	9.5
30	8.9	9.7	9.6	9.4	---	1.4	7.6	---	6.1	10	9.5	9
31	8.7	---	9.5	7.8	---	0.99	---	---	---	10	9.4	---
Total	312.9	252.6	281.6	289	199.9	110.79	76.56		81	216.3	304.6	229.8
Mean	10.1	8.4	9.1	9.3	7.1	3.6	2.6	---	6.7	7	9.9	7.6
Max	13	9.9	10	10	8.1	6.3	7.6	---	7.9	13	16	11
Min	8.5	7.4	8.1	7.8	5.8	0.99	0.00	---	6	4.2	6.4	5.4
AC-Ft	621	501	559	573	396	220	152	---	161	429	604	456
CAL YEAR 2002	TOTAL		2350.10	MEAN	9.6	MAX	27	MIN	5.3	AC-FT	4661	
WTR YEAR 2003	TOTAL		2355.05	MEAN	7.5	MAX	16	MIN	0.000	AC-FT	4671	

13084705 D16 DRAIN NEAR HEYBURN, ID

LOCATION.-Lat 42°32'30", long 113°45'24", in SE¼NW¼ sec. 22, T. 10S., R. 23E., Minidoka County, on left bank of canal structure, 0.5 mi south of 500 S Road and south of Heyburn on Villa Drive,.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 26.0 ft³/s Sept. 8, 9, 2002; minimum daily, 0.5 ft³/s June 26, 2002.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	6	4.2	2.9	2	0.86	2.5	6.3	7.5	4.5	2.2	9.6
2	6	6.1	4.1	3	3.6	0.98	3	4.9	13	2.9	4.5	8.3
3	7.2	5.7	3.9	2.9	3.1	0.95	3.1	5.1	13	6.4	5.4	6.8
4	10	5.7	3.8	3.1	1.4	0.93	2.7	5.1	8.8	10	12	5.9
5	10	5.9	3.8	3.3	1.2	0.89	3	4.3	4.2	11	15	5.1
6	6.8	6.4	4	2.6	1.4	0.98	2.7	4.9	3.8	8.5	12	5.7
7	5.8	6.3	3.8	2.5	1.3	1	2.7	4.1	3.8	7.8	7.5	5.5
8	3.6	6.3	3.6	2.6	1	1.1	2.7	3.1	3.7	8.9	9.8	5
9	4.7	6.6	3.5	2.5	1.1	1.1	2.7	4.1	6.6	6.6	13	5.4
10	5.3	6.6	3.6	2.7	1.2	1.1	2.7	5.1	9.2	3.6	11	6.3
11	8.7	6.2	3.4	2.7	1.3	1.2	2.7	3.9	3.3	1.3	11	8.9
12	17	5.8	3	2.8	2.3	1.3	2.5	3.8	3	2.1	11	8.9
13	17	5.3	3.6	3	3.2	2.3	2.4	4.8	1.1	6.8	11	8.7
14	15	5.8	3.4	3.3	2.5	6	2.3	4.9	6	10	7.2	9.2
15	13	5.6	3.7	3.1	1.9	3.2	2.2	5.8	11	8.5	4.3	8.9
16	12	5.4	3.7	2.9	1.8	2.6	4.3	4.4	9.9	5.7	9.9	7.1
17	10	5.1	3.4	2.8	1.7	2.4	5.2	2.4	1.7	2.3	10	7.4
18	9.8	5.1	3.1	2.8	1.7	2	7	2.5	1.7	2.9	12	4.7
19	9.5	5.3	3.5	2.8	1.6	2.1	7.1	2.6	4.7	2.9	15	2.6
20	9	5.2	3.5	2.7	1.6	2	4.5	3.1	8.1	4.2	11	2.3
21	8.6	5.1	3.2	2.5	0.98	2.1	4.5	3.5	12	6.3	7.9	3.9
22	9.5	4.9	3	2.5	0.94	2.1	7.2	5.8	12	7.7	12	4.8
23	9.1	4.8	3.2	2.7	0.89	2.1	8.9	5.5	15	2.9	16	4.4
24	8.7	5.2	3	2.7	0.91	2.1	12	3.6	13	2.5	16	2.1
25	8.4	4.3	3	2.7	0.95	2.1	9	2.7	9.6	2.6	15	3.2
26	8	4.4	2.9	2.5	0.85	2.5	6.2	6.1	6.6	6.1	9.9	3.7
27	7.4	4.4	2.9	2.6	0.87	2.4	6.7	11	4	8.3	3.5	3.8
28	7.2	4.2	3	2.4	0.86	2.4	8	11	2.3	11	5.5	3.9
29	7.2	4.3	2.9	2.1	---	2.3	6.6	13	3.5	7.7	7.9	7.7
30	7.1	4.2	2.5	2	---	2.3	6.5	13	5.3	3.2	11	5.1
31	6.4	---	2.8	2.1	---	2.4	---	8.8	---	1.2	11	---
Total	278	162.2	105	83.8	44.15	59.79	143.6	169.2	207.4	176.4	310.5	174.9
Mean	9	5.4	3.4	2.7	1.6	1.9	4.8	5.5	6.9	5.7	10.1	5.8
Max	17	6.6	4.2	3.3	3.6	6	12	13	15	11	16	9.6
Min	3.6	4.2	2.5	2	0.85	0.86	2.2	2.4	1.1	1.2	2.2	2.1
AC-Ft	551	322	208	166	88	119	285	336	411	350	616	347
CA1 YEAR 2002	TOTAL	1638.15	MEAN	7.3	MAX	26	MIN	0.26	AC-FT	3249		
WTR YEAR 2003	TOTAL	1914.94	MEAN	5.2	MAX	17	MIN	0.85	AC-FT	3798		

13084707 B DRAIN NEAR HEYBURN, ID

LOCATION.-Lat 42°33'33", long 113°47'01", in SW¼SW¼ sec. 09, T. 10S., R. 23E., Minidoka County, on left bank of canal structure, 0.5 mi south of 400 S Road and west of Heyburn,.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 8.6 ft³/s Aug. 22, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.96	---	---	---	---	---	---	3.8	3.9	---	0.00	1.7
2	3.7	---	---	---	---	---	0.00	3.7	1.8	---	0.11	0.01
3	4.3	---	---	---	---	---	0.00	3.9	1	---	3.3	3.1
4	3.6	---	---	---	---	---	0.00	2.9	4.1	---	4.4	2.9
5	2.7	---	---	---	---	---	0.00	2.2	2	---	1.8	3
6	3	---	---	---	---	---	0.00	3	1.1	---	3.1	3.5
7	2.9	---	---	---	---	---	0.00	3.6	1.8	---	0.84	4.3
8	1.3	---	---	---	---	---	0.00	2.8	1.9	---	0.21	0.77
9	2.5	---	---	---	---	---	0.00	1.9	1.1	---	2.2	2.6
10	2.5	---	---	---	---	---	0.00	2	1.1	---	1.5	4.8
11	2.1	---	---	---	---	---	0.00	1.9	0.78	---	0.00	3.5
12	1.1	---	---	---	---	---	0.00	3.1	0.74	---	0.41	3.8
13	1.1	---	---	---	---	---	0.00	4.8	2.3	---	4.9	2.7
14	0.01	---	---	---	---	---	0.00	3.9	1.6	---	1	0.79
15	1.9	---	---	---	---	---	2.6	3.3	1.1	---	0.6	0.65
16	1.8	---	---	---	---	---	2.9	0.9	0.88	---	2.8	1.8
17	0.034	---	---	---	---	---	4	0.7	0.64	---	2	2.7
18	0.00	---	---	---	---	---	3.7	0.4	---	3.7	3.2	5
19	0.00	---	---	---	---	---	1.8	1.8	---	2.2	2	2.1
20	0.00	---	---	---	---	---	1.2	0.91	---	1.2	1.9	1.6
21	0.00	---	---	---	---	---	0.76	2.4	---	0.2	1.9	0.14
22	0.00	---	---	---	---	---	1.9	0.24	---	4.6	8.6	3.1
23	0.00	---	---	---	---	---	6.3	1.7	---	3.6	4.1	2.8
24	0.00	---	---	---	---	---	3.9	1.1	---	3.1	0.53	2.6
25	0.00	---	---	---	---	---	3.6	0.67	---	4.9	3.5	3.6
26	0.00	---	---	---	---	---	3.4	1.3	---	4.4	1.2	1.5
27	0.00	---	---	---	---	---	4.3	1	---	1.2	1.9	1
28	0.00	---	---	---	---	---	5.2	0.8	---	1.2	3.6	0.74
29	0.00	---	---	---	---	---	3.3	1.1	---	3.7	3.4	1.8
30	0.00	---	---	---	---	---	3.8	3.1	---	7.3	5.4	1.7
31	---	---	---	---	---	---	---	3.2	---	1.6	5.2	---
Total	35.5	0	0	0	0	0	52.66	68.12	27.84	42.9	75.6	70.3
Mean	1.2	---	---	---	---	---	1.8	2.2	1.6	3.1	2.4	2.3
Max	4.3	---	---	---	---	---	6.3	4.8	4.1	7.3	8.6	5
Min	0.00	---	---	---	---	---	0.00	0.24	0.64	0.2	0.00	0.01
AC-Ft	70	0.00	0.00	0.00	0.00	0.00	104	135	55	85	150	139
CA1 YEAR 2002	TOTAL		348.37	MEAN	1.8	MAX	6.9	MIN	0.000	AC-FT	691	
WTR YEAR 2003	TOTAL		372.92	MEAN	2	MAX	8.6	MIN	0.000	AC-FT	740	

13085060 D17 DRAIN NEAR HEYBURN, ID

LOCATION.-Lat 42°32'53", long 113°50'51", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 10S., R. 22E., Minidoka County, on left bank, north of 500 S Road, and approx. 4.0 mi west of Heyburn.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 3.1 ft³/s July 14, 15, Sept. 8, 2002; minimum daily, 0.05 ft³/s May 25, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.2	0.92	0.62	0.7	0.44	0.23	0.14	0.34	0.55	1.4	1.2	1.6
2	1.9	0.87	0.6	0.68	0.4	0.23	0.18	0.96	0.67	1.5	1.2	1.7
3	1.8	0.79	0.58	0.69	0.39	0.24	0.15	0.46	0.69	1.6	1.4	1.7
4	1.7	0.8	0.57	0.72	0.37	0.22	0.17	0.33	0.9	1.5	1.3	1.8
5	1.7	0.84	0.54	0.71	0.37	0.2	0.18	0.34	0.73	1.8	1.1	1.9
6	1.7	0.88	0.56	0.65	0.37	0.21	0.2	0.34	0.61	1.5	1.2	1.9
7	1.5	0.86	0.59	0.7	0.5	0.2	0.21	0.3	0.57	1.4	1	2
8	1.5	0.89	0.59	0.68	0.49	0.2	0.23	0.3	0.71	1.3	1	2.1
9	1.4	0.81	0.59	0.68	0.45	0.19	0.26	0.37	0.72	1.5	0.96	2.2
10	1.4	0.88	0.59	0.68	0.35	0.18	0.28	0.27	0.8	1.2	1	2.3
11	1.4	0.8	0.85	0.66	0.26	0.17	0.3	0.26	0.77	1.1	1.1	2.3
12	1.3	0.6	0.79	0.68	0.28	0.17	0.31	0.33	0.89	1.1	1.2	2.5
13	1.5	0.68	0.79	0.7	0.41	0.17	0.3	0.32	0.8	1.1	1.3	2.7
14	1.4	0.76	0.85	0.75	0.36	0.18	0.29	0.25	0.74	1.1	1.3	2.7
15	1.9	0.74	0.95	0.73	0.34	0.17	0.26	0.22	0.76	1.1	1.3	2.8
16	2.2	0.71	0.94	0.72	0.32	0.19	0.27	0.2	0.68	1.1	1.3	2.7
17	2.2	0.6	0.89	0.64	0.29	0.15	1.8	0.21	0.82	1	1.2	2.7
18	2.1	0.59	0.86	0.63	0.28	0.13	2.4	0.26	0.81	0.96	1.2	2.7
19	2	0.61	0.9	0.66	0.27	0.14	1.9	0.36	0.83	0.91	1.2	2.7
20	1.9	0.6	0.87	0.65	0.2	0.14	1.6	0.4	0.9	0.93	1.3	2.8
21	2.2	0.69	0.92	0.71	0.2	0.14	1.2	0.24	0.93	0.99	1.3	2.9
22	2.7	0.72	0.92	0.61	0.27	0.15	2.3	0.17	0.95	1.1	1.3	2.8
23	1.3	0.73	0.92	0.59	0.23	0.14	1.9	0.091	1.3	1.2	1.5	2.8
24	1.1	0.68	0.88	0.49	0.21	0.14	1.2	0.065	1.1	1.2	1.4	2.8
25	1	0.61	0.85	0.49	0.22	0.14	0.36	0.05	1.1	1.1	1.6	2.8
26	0.96	0.56	0.91	0.51	0.21	0.16	0.39	0.16	1.1	1.1	1.8	2.8
27	1	0.54	0.9	0.51	0.23	0.13	0.69	0.21	1.3	1.1	1.5	2.9
28	0.94	0.55	0.95	0.5	0.23	0.13	0.45	0.24	1.4	1.2	1.5	2.9
29	0.98	0.59	0.89	0.55	---	0.13	0.33	0.28	1.5	1.2	1.5	2.9
30	0.92	0.58	0.74	0.5	---	0.14	0.31	0.41	1.6	1.3	1.5	2.9
31	0.86	---	0.72	0.49	---	0.15	---	0.44	---	1.3	1.5	---
Total	48.66	21.48	24.12	19.66	8.94	5.26	20.56	9.18	27.23	37.89	40.16	74.3
Mean	1.6	0.72	0.78	0.63	0.32	0.17	0.69	0.3	0.91	1.2	1.3	2.5
Max	2.7	0.92	0.95	0.75	0.5	0.24	2.4	0.96	1.6	1.8	1.8	2.9
Min	0.86	0.54	0.54	0.49	0.2	0.13	0.14	0.05	0.55	0.91	0.96	1.6
AC-Ft	97	43	48	39	18	10	41	18	54	75	80	147
CAL YEAR 2002	TOTAL		376.32	MEAN	1.5	MAX	3.1	MIN	0.1	AC-FT	746	
WTR YEAR 2003	TOTAL		337.44	MEAN	0.92	MAX	2.9	MIN	0.05	AC-FT	669	

13085065 MAIN DRAIN NORTH NEAR HEYBURN, ID

LOCATION.-Lat 42°33'02", long 113° 51'59", in NW¼NE¼ sec. 15, T. 10S., R. 22E., Minidoka County, , 0.5 mi southwest of intersection at 950 West Road and 400 South Road, and approx. 4.0 mi west of Heyburn.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 26.0 ft³/s Oct. 1, 13, 2002; minimum daily recorded, 2.3 ft³/s April 10, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	15	---	3.8	4	5.4	4.3	10	---	9.7	8.2	8.8
2	22	16	---	5.6	3.3	4.7	5	9.9	---	7.7	9.4	9.8
3	19	14	---	4.1	4.3	5.1	5.1	9.4	---	7.2	9	11
4	19	14	---	4	4.1	3.3	5.5	9.6	---	8.3	10	11
5	19	14	---	3.2	4.6	3.8	5.2	8.7	---	8.4	11	13
6	18	15	---	4.1	4.6	4.1	4	---	---	9.3	11	11
7	18	15	---	4	4.2	5.2	4.3	---	---	9.1	11	8.3
8	15	15	---	3.7	4.4	5	3.4	---	---	7.9	13	9.2
9	19	18	---	3.7	4.1	5.1	2.9	---	---	7.9	14	10
10	22	18	---	5.1	4.5	4.7	2.3	---	---	6.8	12	9.4
11	22	17	---	4.5	4.9	4.8	6.1	---	---	5.7	9.3	10
12	25	18	---	3.9	5	4.4	13	---	---	5.3	9.7	9.4
13	26	17	---	4.1	5.2	4.2	12	---	---	4.3	11	7.8
14	25	17	---	4.2	4.3	4.4	12	---	---	4.6	9.3	9.4
15	23	---	---	2.9	5.5	4.2	12	---	---	8.3	9.9	12
16	21	---	---	4.8	4.4	5.9	13	---	---	13	11	12
17	21	---	4.2	4.2	5.3	5.7	18	---	---	12	9.8	12
18	20	---	3.6	4.2	4.8	4.1	24	---	---	9.3	8.1	11
19	18	---	4.6	4.2	4.8	5.2	24	---	8	7.7	9.6	8.8
20	17	---	3.8	3.7	4.6	4.3	17	---	6.2	7.1	8.5	10
21	17	---	4.6	4.2	3.8	4.3	15	---	7.2	7.1	9.4	15
22	16	---	4	4.3	3.3	4.5	13	---	8.8	6.6	16	13
23	16	---	4.1	4.3	4.1	3.1	12	---	10	7.4	16	14
24	16	---	3.7	4.5	4.1	4.3	11	---	9.1	8.2	14	13
25	16	---	3.7	4.1	5.4	4.4	11	---	10	8.7	11	13
26	15	---	2.9	4.1	5.4	4.3	11	---	9.5	9.2	11	8.6
27	15	---	4.2	3.9	5.4	4	20	---	9.5	10	11	10
28	14	---	4.4	3.7	4.3	6.2	17	---	7.2	10	10	14
29	15	---	3.3	4.6	---	4.9	14	---	7.4	8.9	13	16
30	16	---	3.5	3.8	---	4.4	11	---	8.8	7.9	10	13
31	15	---	4.5	4	---	4.1	---	---	---	8.6	8.4	---
Total	586	223	59.1	127.5	126.7	142.1	328.1	47.6	101.7	252.2	334.6	333.5
Mean	18.9	15.9	3.9	4.1	4.5	4.6	10.9	9.5	8.5	8.1	10.8	11.1
Max	26	18	4.6	5.6	5.5	6.2	24	10	10	13	16	16
Min	14	14	2.9	2.9	3.3	3.1	2.3	8.7	6.2	4.3	8.1	7.8
AC-Ft	1162	442	117	253	251	282	651	94	202	500	664	661
CAL YEAR 2002	TOTAL		2693.20	MEAN	12.1	MAX	26	MIN	2.9	AC-FT	5342	
WTR YEAR 2003	TOTAL		2662.10	MEAN	9.2	MAX	26	MIN	2.3	AC-FT	5280	

13085070 G DRAIN NEAR BURLEY, ID

LOCATION.-Lat 42°31'56", long 113°53'11", NE¼NW¼ sec. 28, T. 10S, R. 22E, Cassia County, on left bank of weir structure, and approx. 4.5 mi west of Burley.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 51.0 ft³/s July 16, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	0.00	---	---	---	---	---	22	22	13	22	12
2	33	0.00	---	---	---	---	---	22	36	6.4	29	28
3	31	0.00	---	---	---	---	---	20	34	18	34	22
4	39	0.00	---	---	---	---	---	22	26	31	34	20
5	30	0.00	---	---	---	---	---	28	33	11	11	10
6	25	---	---	---	---	---	---	31	33	24	17	17
7	24	---	---	---	---	---	---	18	26	27	5.8	27
8	23	---	---	---	---	---	---	18	31	29	17	22
9	27	---	---	---	---	---	---	25	37	34	7.8	13
10	23	---	---	---	---	---	---	29	24	17	21	16
11	34	---	---	---	---	---	---	27	23	8.2	20	11
12	41	---	---	---	---	---	---	21	33	14	9.3	20
13	32	---	---	---	---	---	---	21	31	19	13	23
14	40	---	---	---	---	---	---	13	21	22	21	15
15	34	---	---	---	---	---	---	18	28	7.8	13	12
16	19	---	---	---	---	---	---	20	30	18	32	11
17	5.4	---	---	---	---	---	---	22	24	19	31	22
18	0.00	---	---	---	---	---	---	17	26	9.6	26	---
19	0.00	---	---	---	---	---	---	31	31	10	29	---
20	0.00	---	---	---	---	---	---	29	32	27	9.5	---
21	0.00	---	---	---	---	---	---	37	38	18	29	---
22	0.00	---	---	---	---	---	---	28	31	11	24	---
23	0.00	---	---	---	---	---	---	29	33	31	24	---
24	0.00	---	---	---	---	---	33	26	30	12	21	---
25	0.00	---	---	---	---	---	33	19	34	23	16	---
26	0.00	---	---	---	---	---	40	29	15	18	14	---
27	0.00	---	---	---	---	---	32	28	11	18	19	---
28	0.00	---	---	---	---	---	25	34	18	27	17	---
29	0.00	---	---	---	---	---	26	21	25	9.3	26	---
30	0.00	---	---	---	---	---	28	34	24	20	27	---
31	0.00	---	---	---	---	---	---	31	---	25	26	---
Total	484.4	0	0	0	0	0	217	770	840	577.3	645.4	301
Mean	15.7	0.000	---	---	---	---	31	24.8	28	18.6	20.8	17.7
Max	41	0.00	---	---	---	---	40	37	38	34	34	28
Min	0.00	0.00	---	---	---	---	25	13	11	6.4	5.8	10
AC-Ft	961	0.00	0.00	0.00	0.00	0.00	430	1527	1666	1145	1280	597
CAL YEAR 2002	TOTAL	4403.40	MEAN	21.8	MAX	51	MIN	0.000	AC-FT	8734		
WTR YEAR 2003	TOTAL	3835.10	MEAN	21	MAX	41	MIN	0.000	AC-FT	7607		

13085080 J DRAIN NEAR BURLEY, ID

LOCATION.-Lat 42°31'53", long 113°53'29", NE¼NW¼ sec. 28, T. 10S, R. 22E, Cassia County, on left bank of weir structure, and approx. 4.5 mi west of Burley.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharge. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 31.0 ft³/s April 22, 2002 and Aug. 25, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	---	---	---	---	---	---	17	18	2.9	2.8	16
2	14	---	---	---	---	---	---	15	17	2.8	20	9.2
3	12	---	---	---	---	---	---	17	16	5.5	25	10
4	9.8	---	---	---	---	---	---	10	6.1	12	24	9.3
5	10	---	---	---	---	---	---	16	7.4	2.9	17	6.9
6	6.7	---	---	---	---	---	---	9.3	11	19	24	15
7	15	---	---	---	---	---	---	14	1.3	22	27	18
8	21	---	---	---	---	---	---	16	6.3	16	4.9	18
9	18	---	---	---	---	---	---	18	13	9.7	8.4	12
10	19	---	---	---	---	---	---	10	5.3	8	8.7	4.8
11	18	---	---	---	---	---	---	8.9	14	3.9	13	2.7
12	23	---	---	---	---	---	---	9.2	8.8	4.9	20	5.2
13	17	---	---	---	---	---	---	7.7	3.2	7.3	11	9.2
14	12	---	---	---	---	---	---	7.6	1.7	2.2	17	7.9
15	11	---	---	---	---	---	---	5.6	3.5	2	17	12
16	2.3	---	---	---	---	---	---	9.9	4.5	5	20	8.1
17	4.3	---	---	---	---	---	---	14	1.5	11	16	17
18	---	---	---	---	---	---	---	18	2.1	6.4	21	15
19	---	---	---	---	---	---	---	16	2.4	4.2	11	---
20	---	---	---	---	---	---	---	13	9.8	6.7	11	---
21	---	---	---	---	---	---	---	5.9	16	17	9.8	---
22	---	---	---	---	---	---	3.3	4.7	19	4.8	6.7	---
23	---	---	---	---	---	---	21	7.7	22	5.4	21	---
24	---	---	---	---	---	---	26	19	13	8.2	29	---
25	---	---	---	---	---	---	24	12	12	18	31	---
26	---	---	---	---	---	---	25	11	0.68	9	11	---
27	---	---	---	---	---	---	20	3.7	2.3	15	9.4	---
28	---	---	---	---	---	---	15	10	10	10	18	---
29	---	---	---	---	---	---	11	8.6	14	3	14	---
30	---	---	---	---	---	---	16	2.6	11	6.7	23	---
31	---	---	---	---	---	---	---	8.8	---	2.8	28	---
Total	230.1	0	0	0	0	0	161.3	346.2	272.88	254.3	519.7	196.3
Mean	13.6	---	---	---	---	---	18	11.2	9.1	8.2	16.7	10.9
Max	23	---	---	---	---	---	26	19	22	22	31	18
Min	2.3	---	---	---	---	---	3.3	2.6	0.68	2	2.8	2.7
AC-Ft	456	0.00	0.00	0.00	0.00	0.00	320	687	541	504	1031	389
CAL YEAR 2002	TOTAL		2023.30	MEAN	11.1	MAX	30	MIN	0.31	AC-FT	4013	
WTR YEAR 2003	TOTAL		1980.78	MEAN	11.9	MAX	31	MIN	0.68	AC-FT	3929	

13087505 LOWER MILNER POWER PLANT AT MILNER, ID

LOCATION.-Lat 42°31'29", long 114°01'46", in NE¼NE¼SE¼ sec. 30, T. 10S., R. 21E., Twin Falls County, Hydrologic Unit 17040209, 1.1 mi below Milner Dam.

PERIOD OF RECORD.-November 1992 to current year

GAGE.-Accusonic flow meters on two pipes connected to data collection platform.

REMARKS.-Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 5,680 ft³/s May 2, 1999; no flow for many days.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 559 ft³/s Nov. 30; no flow for many days.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	0.00	557	363	327	399	71	0.00	0.00	0.00	0.00	0.00
2	12	0.00	449	361	326	399	0.00	0.00	0.00	0.00	0.00	0.00
3	12	0.00	276	361	345	398	0.00	0.00	0.00	0.00	0.00	0.00
4	12	0.76	304	361	346	361	0.00	0.00	0.00	0.00	0.00	0.00
5	12	94	305	360	347	324	0.00	0.00	0.00	0.00	0.00	0.00
6	12	213	306	346	348	318	0.00	0.00	0.00	0.00	0.00	0.00
7	12	213	307	339	348	372	0.00	0.00	0.00	0.00	0.00	0.00
8	12	214	308	339	346	375	0.00	0.00	0.00	0.00	0.00	0.00
9	8.1	214	308	337	343	376	0.00	0.00	0.00	0.00	0.00	0.00
10	1.7	214	306	326	340	403	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	214	306	322	342	391	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	276	306	321	342	390	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	274	306	305	455	396	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	308	305	294	501	403	0.00	0.00	0.00	0.00	0.00	0.00
15	215	326	306	291	506	404	0.00	0.00	0.00	0.00	0.00	0.00
16	288	326	334	293	503	403	0.00	0.00	0.00	0.00	0.00	0.00
17	295	325	351	292	504	424	0.00	0.00	0.00	0.00	0.00	0.00
18	296	269	351	293	504	432	0.00	0.00	0.00	0.00	0.00	0.00
19	296	359	359	294	509	433	0.00	0.00	0.00	0.00	0.00	0.00
20	296	359	407	293	506	461	0.00	0.00	0.00	0.00	0.00	0.00
21	329	359	433	292	504	472	0.00	0.00	0.00	0.00	0.00	0.00
22	340	360	433	303	496	475	0.00	0.00	0.00	0.00	0.00	0.00
23	283	359	438	306	492	470	0.00	0.00	0.00	0.00	0.00	0.00
24	250	359	436	307	504	423	0.00	0.00	0.00	0.00	0.00	0.00
25	389	360	432	306	503	373	0.00	0.00	0.00	0.00	0.00	0.00
26	384	401	431	308	463	376	0.00	0.00	0.00	0.00	0.00	0.00
27	430	444	434	316	400	379	0.00	0.00	0.00	0.00	0.00	0.00
28	112	459	430	320	398	313	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	518	390	321	---	297	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	559	383	321	---	265	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	367	324	---	247	---	0.00	---	0.00	0.00	---
Total	4308.8	8376.76	11364	9915	11848	11952	71	0	0	0	0	0
Mean	139	279.2	366.7	319.8	423.2	385.5	2.4	0.000	0.000	0.000	0.000	0.000
Max	430	559	557	363	509	475	71	0.00	0.00	0.00	0.00	0.00
Min	0.00	0.00	276	291	326	247	0.00	0.00	0.00	0.00	0.00	0.00
AC-Ft	8546	16620	22540	19670	23500	23710	141	0.00	0.00	0.00	0.00	0.00
WTR YEAR 2003	TOTAL	57835.56	MEAN	158.5	MAX	559	MIN	0.000	AC-FT	114700		

13089690 IRRIGATION DRAIN NEAR HANSEN, ID

LOCATION.-Lat 42°33'55", long 113°19'24", in SW¼SW¼ sec. 11, T. 10S., R. 18E., Twin Falls County, 0.5 mi north of Addison Ave and 3700 E. road, and approx. 2.5 mi Northwest of Hansen.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 9.2 ft³/s July 15, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5	0.00	---	---	---	---	---	5	5.8	3.8	3.4	4.7
2	4.7	0.00	---	---	---	---	0.00	5.2	5.5	3.5	3.1	5.4
3	4.6	0.00	---	---	---	---	0.00	5	5.3	3.6	4.7	5.9
4	4.3	0.00	---	---	---	---	0.00	5.5	5.5	3.6	4.7	6.3
5	4.7	0.00	---	---	---	---	0.00	5.3	5.8	3.9	4.6	6.2
6	4.2	0.00	---	---	---	---	0.00	5.3	5.5	4.6	5	6.8
7	4.3	---	---	---	---	---	0.00	3.3	5.1	6.2	4.8	7.8
8	4.9	---	---	---	---	---	0.00	3.7	4.8	5.8	5.6	7.1
9	4.7	---	---	---	---	---	0.00	4.9	4.7	5.5	5.5	6.4
10	5.1	---	---	---	---	---	0.00	3.9	4.6	5.3	6.5	6.2
11	4.7	---	---	---	---	---	0.00	4.2	4.4	5.3	6.3	6.5
12	4.5	---	---	---	---	---	0.00	4.4	4.4	5.2	4.1	5.9
13	4.8	---	---	---	---	---	0.00	3.2	4.1	5.2	4.1	5.1
14	4.6	---	---	---	---	---	0.00	3.9	2.4	5.2	3.4	5.1
15	3.9	---	---	---	---	---	0.00	5.6	2.2	3	3.2	5.2
16	2.8	---	---	---	---	---	0.00	5.6	3.2	3.1	3.4	4.8
17	1.9	---	---	---	---	---	0.41	5.4	3.2	2.2	2.9	4.6
18	0.79	---	---	---	---	---	2.1	4.9	3.5	0.87	3	4.9
19	0.00	---	---	---	---	---	2.1	5.2	2.7	0.81	2	5.8
20	0.00	---	---	---	---	---	3	5.3	2.5	1.8	3.7	4.8
21	0.00	---	---	---	---	---	2.7	5.3	1.8	0.86	3.3	4
22	0.00	---	---	---	---	---	3.7	5.6	1.5	2.1	3.5	5
23	0.00	---	---	---	---	---	3	6	1.2	1.9	3.7	5.9
24	0.00	---	---	---	---	---	3.8	5.8	1.2	1.4	4.2	5.6
25	0.00	---	---	---	---	---	4.3	5.7	1.4	2.6	4.5	5.6
26	0.00	---	---	---	---	---	4.5	6.3	2.1	2.6	3.4	5
27	0.00	---	---	---	---	---	4.7	6.7	2.6	2.3	2.9	5.2
28	0.00	---	---	---	---	---	4.6	7.1	1.9	2.2	3	5.3
29	0.00	---	---	---	---	---	3.9	6.2	2.6	1.7	3.7	5.3
30	0.00	---	---	---	---	---	4.1	5.8	3.4	1.7	4	5
31	0.00	---	---	---	---	---	---	5.7	---	2.7	4	---
Total	74.49	0	0	0	0	0	46.91	161	104.9	100.54	124.2	167.4
Mean	2.4	0.000	---	---	---	---	1.6	5.2	3.5	3.2	4	5.6
Max	5.1	0.00	---	---	---	---	4.7	7.1	5.8	6.2	6.5	7.8
Min	0.00	0.00	---	---	---	---	0.00	3.2	1.2	0.81	2	4
AC-Ft	148	0.00	0.00	0.00	0.00	0.00	93	319	208	199	246	332
CA1 YEAR 2002	TOTAL		826.10	MEAN	4.4	MAX	9.2	MIN	0.000	AC-FT	1639	
WTR YEAR 2003	TOTAL		779.44	MEAN	3.6	MAX	7.8	MIN	0.000	AC-FT	1546	

13089695 TWIN FALLS COULEE NEAR KIMBERLY, ID

LOCATION.-Lat 42°34'11", long 114°20'32", in NW¼SW¼ sec. 10, T. 10S., R. 18E., Twin Falls County, on left bank 100 ft upstream from mouth, 0.5 mi north of Falls Ave. and 3600 E. road, and approx. 2.5 mi northeast of Kimberly.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 22.0 ft³/s April 28, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.7	0.00	---	---	---	---	---	1.7	---	---	---	---
2	1.9	0.00	---	---	---	---	---	1.7	---	---	---	---
3	1.4	0.00	---	---	---	---	---	1.8	---	---	---	---
4	1.3	0.00	---	---	---	---	---	1.8	---	---	---	---
5	2.3	0.00	---	---	---	---	---	1.9	---	---	---	---
6	2.7	0.00	---	---	---	---	---	3.6	---	---	---	---
7	2.4	---	---	---	---	---	---	---	---	---	---	---
8	1.3	---	---	---	---	---	---	---	---	---	---	---
9	2.1	---	---	---	---	---	---	---	---	---	---	---
10	1.2	---	---	---	---	---	0.00	---	---	---	---	---
11	1.6	---	---	---	---	---	0.00	---	---	---	---	---
12	5.8	---	---	---	---	---	0.00	---	---	---	---	---
13	2.1	---	---	---	---	---	0.00	---	---	---	---	---
14	2.1	---	---	---	---	---	0.00	---	---	---	---	---
15	1.8	---	---	---	---	---	1.1	---	---	---	---	---
16	2	---	---	---	---	---	0.91	---	---	---	---	---
17	1.3	---	---	---	---	---	1	---	---	---	---	---
18	0.48	---	---	---	---	---	1.2	---	---	---	---	---
19	0.41	---	---	---	---	---	1.8	---	---	---	---	---
20	0.39	---	---	---	---	---	2.2	---	---	---	---	---
21	0.26	---	---	---	---	---	1.9	---	---	---	---	---
22	0.064	---	---	---	---	---	1.7	---	---	---	---	---
23	0.00	---	---	---	---	---	1.5	---	---	---	---	---
24	0.00	---	---	---	---	---	1.5	---	---	---	---	---
25	0.00	---	---	---	---	---	1.5	---	---	---	---	---
26	0.00	---	---	---	---	---	1.5	---	---	---	---	---
27	0.00	---	---	---	---	---	1.6	---	---	---	---	---
28	0.00	---	---	---	---	---	1.7	---	---	---	---	---
29	0.00	---	---	---	---	---	1.7	---	---	---	---	---
30	0.00	---	---	---	---	---	1.6	---	---	---	---	---
31	0.00	---	---	---	---	---	---	---	---	---	---	---
Total	38.6	0	0	0	0	0	24.41	12.5	0	0	0	0
Mean	1.2	0.000	---	---	---	---	1.2	2.1	---	---	---	---
Max	5.8	0.00	---	---	---	---	2.2	3.6	---	---	---	---
Min	0.00	0.00	---	---	---	---	0.00	1.7	---	---	---	---
AC-Ft	77	0.00	0.00	0.00	0.00	0.00	48	25	0.00	0.00	0.00	0.00

13090000 SNAKE RIVER NEAR KIMBERLY, ID

LOCATION.-Lat 42°35'28", long 114°21'34", in NE¼NW¼ sec.4, T. 10S., R. 18E., Twin Falls County, Hydrologic Unit 17040212, on left bank 1,200 ft downstream from Twin Falls power plant, 2.4 mi upstream from Shoshone Falls, 4 mi north of Kimberly, and at river mile 617.2.

PERIOD OF RECORD.-July 1923 to April 2001 operated by USGS. April 2001 to current year operated by Idaho Power Co.

REVISED RECORDS.-WSP 1347: 1924-26, 1928-30, 1942-44, 1946-48.

GAGE.-Water-stage recorder. Datum of gage is 3,362.67 ft above sea level (levels by Idaho Power Co.)

REMARKS.-Records good. Station equipment includes radio telemetry. Flow regulated by American Falls Reservoir 96.5 mi upstream and other reservoirs having a combined usable capacity of 4,700,000 acre-ft. Diurnal fluctuation caused by hydroelectric power plant 1,200 ft upstream.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 34,200 ft³/s June 21, 1997, gage height, 23.27 ft; minimum recorded, 10 ft³/s May 17, 1944, gage height, 1.15 ft; minimum daily recorded, 95 ft³/s Apr. 20, 1977.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,110 ft³/s Dec. 1; minimum daily, 284 ft³/s July 13.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	627	542	1110	880e	799	845	670	473	470e	481	323	362
2	624	543	1100	880e	805	839	478	469	470e	488	321	409
3	620	539	862	880e	803	844	436	471	470e	489	342	616
4	619	544	823	880e	828	837	419	441	470e	476	349	409
5	620	547	826	880e	816	781	429	385	470e	365	343	368
6	616	709	828	850e	811	768	428	476	470e	311	342	362
7	621	761	826	830e	805	735	423	473	470e	289	336	363
8	621	769	825	831	806	734	425	477	470e	292	332	369
9	615	768	824	830	796	818	426	514	470e	290	325	366
10	618	763	824	819	794	826	424	480	467	289	335	360
11	608	757	823	811	789	843	428	500	465	293	334	361
12	596	764	822	806	786	832	431	478	473	287	340	365
13	588	842	821	803	799	831	433	461	471	284	338	371
14	588	809	823	765	959	841	424	464	462	293	335	393
15	612	858	819	755	941	852	440	484	469	288	332	368
16	862	862	823	754	950	850	447	478	475	294	330	348
17	871	861	883	753	944	851	452	470	463	293	325	360
18	872	849	863	753	945	874	459	453	479	298	348	370
19	866	831	864	752	946	874	462	407	484	285	349	367
20	864	891	865	753	948	883	461	464	474	295	341	358
21	871	891	935	755	988	912	458	460	474	307	349	361
22	910	891	947	753	970	913	472	459	483	299	353	373
23	916	891	943	766	949	914	480	465	493	297	356	372
24	963	889	939	786	951	907	476	480	487	301	359	370
25	917	886	930e	788	955	820	476	464	486	306	367	364
26	960	916	930e	787	953	826	488	477	486	320	373	350
27	959	945	930e	792	866	813	482	471	484	318	345	347
28	941	995	930e	824	844	794	476	475	483	325	350	348
29	586	999	900e	739	---	728	468	470e	485	319	349	351
30	551	1090	880e	749	---	724	468	470e	488	315	350	343
31	544	---	880e	799	---	691	---	470e	---	323	350	---
Total	22646	24202	27398	24803	24546	25600	13739	14479	14261	10110	10621	11224
Mean	730.4	806.6	883.9	800.1	876.6	825.8	458	467	475.4	326.2	342.6	374.1
Max	963	1090	1110	880	988	914	670	514	493	489	373	616
Min	544	539	819	739	786	691	419	385	462	284	321	343
AC-Ft	44920	48000	54340	49200	48690	50780	27250	28720	28290	20050	21070	22260
CA1 YEAR 2002	TOTAL	224848.00	MEAN	616	MAX	1110	MIN	185	AC-FT	446000		
WTR YEAR 2003	TOTAL	223629.00	MEAN	612.7	MAX	1110	MIN	284	AC-FT	443600		

e Estimate

13090370 FISH HATCHERY WASTE O NEAR TWIN FALLS, ID

LOCATION.-Lat 42°35'29", long 114°26'03", in NE¼NE¼NW¼ sec. 2, T. 10S., R. 17E., Twin Falls County, on right bank, 120 ft upstream from mouth on East Pole Line road, and approx. 1.5 mi east of Twin Falls.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 40.0 ft³/s Sept. 22, 2002; minimum daily 3.2 ft³/s April 18, 21, 22, 2002.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33	16	13	10	7.7	5.7	6.3	15	16	9.6	17	24
2	32	15	13	10	7.2	5.8	7.1	15	18	14	16	27
3	33	15	13	10	6.9	6.1	6.6	15	19	13	21	28
4	34	16	13	10	6.9	6.2	6.4	19	19	11	21	27
5	38	15	13	9.9	6.8	6.2	6.1	19	19	11	20	22
6	38	16	13	9.4	6.5	6.4	5.8	20	18	11	18	23
7	38	17	12	9.6	6.6	6.4	5.4	20	15	11	18	27
8	38	18	12	10	6.8	6.1	5.6	16	11	11	16	29
9	37	17	12	9.9	6.6	6.1	6	22	14	14	15	30
10	37	16	12	9.8	6.7	6.1	6.1	12	13	15	16	33
11	36	16	12	9.4	6.5	6.4	5.9	16	12	15	14	32
12	35	15	12	9.2	6.6	6.4	6.1	17	13	17	15	33
13	33	15	12	9.3	7	6.5	5.8	16	13	14	15	36
14	34	15	13	9.2	6.8	6.6	5.5	18	15	14	14	35
15	34	15	12	8.7	6.5	6.9	5.5	19	14	14	17	36
16	34	15	13	8.3	6.7	6.4	7.8	17	16	14	16	34
17	31	15	13	8.3	6.3	6.2	14	18	17	16	18	36
18	21	15	12	8.4	6.2	5.7	14	18	18	17	21	36
19	19	14	12	8.5	6.3	5.7	17	20	16	14	19	37
20	18	14	12	8.6	6.2	5.8	21	16	15	16	17	37
21	18	15	12	8.5	5.8	5.5	20	12	14	16	16	37
22	18	15	11	8.1	5.9	5.7	21	13	12	14	17	38
23	18	15	11	8.1	6	5.7	17	13	14	14	21	37
24	18	14	11	7.8	5.6	5.5	19	11	14	13	20	35
25	17	13	11	7.7	5.8	5.5	16	11	15	16	20	32
26	17	13	11	7.8	5.9	6.6	24	12	12	20	20	29
27	17	13	11	7.9	6	5.7	22	14	11	20	20	30
28	17	13	11	7.4	5.8	5.2	19	12	11	21	20	29
29	16	13	11	7.2	---	5.1	15	13	9.7	15	20	29
30	16	13	11	7.4	---	5.4	13	16	9.3	14	22	28
31	16	---	11	7.3	---	6	---	17	---	18	22	---
Total	841	447	371	271.7	180.6	185.6	350	492	433	452.6	562	946
Mean	27.1	14.9	12	8.8	6.4	6	11.6	15.9	14.5	14.7	18.2	31.5
Max	38	18	13	10	7.7	6.9	24	22	19	21	22	38
Min	16	13	11	7.2	5.6	5.1	5.4	11	9.3	9.6	14	22
AC-Ft	1668	887	736	539	358	368	694	976	859	898	1115	1876
CAL YEAR 2002	TOTAL	5284.70	MEAN	18.4	MAX	40	MIN	3.2	AC-FT	10480		
WTR YEAR 2003	TOTAL	5532.50	MEAN	15.2	MAX	38	MIN	5.1	AC-FT	10970		

13090460 PERRINE COULEE NEAR TWIN FALLS, ID

LOCATION.-Lat 42°35'53", long 114°28'20", in NE¼NW¼ sec. 4, T. 10S., R. 17E., Twin Falls County, on right bank, .25 mi upstream from mouth, and approx. 1.5 mi north of Twin Falls.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 23.0 ft³/s Aug. 3, 2003; minimum daily recorded, 0.20 ft³/s April 11, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.5	3.1	0.83	2.1	0.65	1.2	0.42	9.3	---	6.4	8.6	11
2	8.8	3.1	1.8	2.2	1	0.97	6.7	13	---	6.9	11	10
3	11	2.8	1.7	1.8	1.6	1.2	2.8	10	---	11	23	9.6
4	9.7	2.1	1.6	1.7	1.7	1.2	1.1	7.8	---	12	22	8.8
5	8	1.6	1.6	1.6	2.1	1.2	0.9	7.5	---	15	13	11
6	9.9	1.4	1.8	1.9	1.8	0.97	0.63	---	---	19	9.4	14
7	11	1.2	1.6	1.7	1.8	0.92	0.78	---	---	16	12	16
8	8.3	4.9	1.5	1.6	1.2	0.81	0.51	---	---	12	9	17
9	7.7	2.1	1.8	1.8	1.4	0.7	0.33	---	---	14	9.5	15
10	7.7	2.8	1.6	1.6	1.6	0.96	0.26	---	---	11	9.3	13
11	6.6	1.5	1.6	1.1	1.2	0.72	0.2	---	---	8.6	8.9	13
12	7.9	1.5	1.5	1.1	1.2	0.65	0.5e	---	---	12	9.7	16
13	9.2	1.1	1.4	2.2	1.3	0.56	0.5e	---	---	12	11	14
14	12	1.4	1.5	1.3	1.2	0.5	0.75	---	---	14	10	10
15	13	1.5	0.85	1.4	0.86	2.5	3.4	---	---	12	8.6	11
16	14	1.3	1.3	1.4	1.3	2	5.8	---	---	13	8	9.4
17	13	1.3	1.6	1.4	0.78	0.85	5	---	---	12	8.7	9.8
18	7.3	1.7	1.6	1.5	1.2	0.83	3.4	---	15	11	12	9.5
19	3.3	1.5	1.6	1.1	1.2	0.73	2.9	---	18	11	8.7	8.6
20	2.6	1.5	1.7	1.3	1.2	0.69	3.1	---	19	12	9.7	8.4
21	1.5	1.3	1.3	2	0.96	0.73	1.9	---	16	11	14	7.9
22	0.76	1.4	1.6	1.6	0.76	0.4	0.58	---	13	7.4	9.7	7.5
23	0.51	1.3	1.5	1.8	0.78	0.36	2.2	---	12	8.9	11	4.6
24	0.57	1.3	1.4	1.1	1.9	0.66	1.8	---	11	14	12	3.9
25	0.68	1.8	1.7	0.99	1.5	0.6	1.1	---	11	18	12	3.9
26	0.55	1.7	2.3	0.73	1.4	7.9	2.9	---	12	15	12	3.2
27	0.4	1.6	1.9	0.98	1.3	1.1	0.34	---	11	13	14	3.9
28	0.54	0.8	1.3	1.1	1.2	0.79	0.4	---	9.3	13	11	5
29	0.7	0.77	1.4	1.1	---	0.42	1.3	---	10	9.2	9.1	5.2
30	1.2	1	2.1	0.93	---	0.43	6.6	---	11	9.6	11	5.1
31	2	---	5.1	0.93	---	0.51	---	---	---	9.2	13	---
Total	186.91	52.37	52.08	45.06	36.09	34.06	59.1	47.6	168.3	369.2	350.9	285.3
Mean	6.1	1.7	1.7	1.5	1.3	1.1	2	9.4	12.9	11.9	11.3	9.6
Max	14	4.9	5.1	2.2	2.1	7.9	6.7	13	19	19	23	17
Min	0.4	0.77	0.83	0.73	0.65	0.36	0.2	7.5	9.3	6.4	8	3.2
AC-Ft	371	104	103	89	72	68	117	94	334	732	696	566

CAL YEAR 2002	TOTAL	1550.46	MEAN	5.4	MAX	22	MIN	0.4	AC-FT	3075
WTR YEAR 2003	TOTAL	1686.97	MEAN	5.2	MAX	23	MIN	0.2	AC-FT	3346

e Estimate

13091733 JEROME GOLF COURSE DRAIN NEAR JEROME, ID

LOCATION.-Lat 42°38'03", long 114°31'01", in SW¼NW¼NW¼ sec. 19, T. 09S., R. 17E., Jerome County, on right bank 60 ft. above falls into canyon, and approx. 6.0 mi south of Jerome.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 20.0 ft³/s Aug. 23, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	0.00	---	---	---	---	---	5.9	5.8	0.00	1.7	16
2	15	0.00	---	---	---	---	0.00	3.3	4.4	0.00	3.5	16
3	15	0.00	---	---	---	---	0.00	8.2	7.1	0.00	11	8.9
4	13	0.00	---	---	---	---	0.00	9.4	6.3	0.00	10	4.9
5	11	0.00	---	---	---	---	0.00	11	4.8	0.00	2.5	8
6	8.1	0.00	---	---	---	---	0.00	11	2.8	5.3	4.2	7.8
7	3.5	---	---	---	---	---	0.00	8.1	0.41	11	1.6	5.3
8	6.5	---	---	---	---	---	0.00	3.8	0.057	8.3	0.66	5.2
9	5.2	---	---	---	---	---	0.00	13	4.2	6.7	2.6	5.6
10	1.3	---	---	---	---	---	0.00	15	1.2	11	3.5	8.2
11	1.1	---	---	---	---	---	0.00	16	0.37	5.9	2.4	6.3
12	2.6	---	---	---	---	---	0.00	16	0.00	2.2	0.024	2.1
13	0.00	---	---	---	---	---	0.00	11	0.00	3.3	1.9	6.5
14	0.00	---	---	---	---	---	0.00	9.5	0.00	2.8	1.6	6.1
15	0.00	---	---	---	---	---	0.00	6.2	0.00	7.9	2.4	6.4
16	0.00	---	---	---	---	---	0.00	5.6	0.00	10	2.8	6.3
17	0.00	---	---	---	---	---	0.00	7	0.00	7.5	6.4	4.1
18	1.8	---	---	---	---	---	0.00	8	0.00	5	8.4	4.5
19	0.00	---	---	---	---	---	0.00	12	0.74	6.3	8.3	1.1
20	0.00	---	---	---	---	---	0.00	5.2	1.2	6.6	8.8	0.49
21	0.00	---	---	---	---	---	0.00	0.82	2	8.7	8.7	0.76
22	0.00	---	---	---	---	---	0.00	1.2	3.6	0.19	11	1.7
23	0.00	---	---	---	---	---	0.00	1.4	9.3	0.00	20	1
24	0.00	---	---	---	---	---	0.00	4.6	1.3	0.26	16	0.017
25	0.00	---	---	---	---	---	0.00	5.3	0.00	0.64	16	0.013
26	0.00	---	---	---	---	---	0.71	3.2	1.7	6.1	7.9	0.02
27	0.00	---	---	---	---	---	4.2	1.8	0.86	6.8	9.1	1
28	0.00	---	---	---	---	---	0.97	4.9	0.063	8.5	6.8	4.2
29	0.00	---	---	---	---	---	0.89	3.7	1.3	5.9	7.1	8.6
30	0.00	---	---	---	---	---	4	3.1	1.9	4	8.7	6.5
31	0.00	---	---	---	---	---	---	4.3	---	2.5	11	---
Total	98.1	0	0	0	0	0	10.77	219.52	61.4	143.39	206.58	153.6
Mean	3.2	0.000	---	---	---	---	0.37	7	2	4.6	6.7	5.1
Max	15	0.00	---	---	---	---	4.2	16	9.3	11	20	16
Min	0.00	0.00	---	---	---	---	0.00	0.82	0.00	0.00	0.024	0.013
AC-Ft	195	0.00	0.00	0.00	0.00	0.00	21	435	122	284	410	305
CAL YEAR 2002	TOTAL		852.34	MEAN	4.5	MAX	17	MIN	0.000	AC-FT	1691	
WTR YEAR 2003	TOTAL		893.36	MEAN	4.1	MAX	20	MIN	0.000	AC-FT	1772	

13093150 SONNICKSON BUTTE DRAIN NEAR JEROME, ID

LOCATION.-Lat 42°38'39", long 114°33'25", in NE¼NE¼SE¼ sec. 15, T. 09S., R. 16E., Jerome County, on left bank approx. 5.5 mi south and 2.0 mi west of Jerome.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 48.0 ft³/s April, 23, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	32	---	---	---	---	---	---	21	23	6.1	15	22
2	28	---	---	---	---	---	---	19	27	11	17	21
3	31	---	---	---	---	---	---	32	27	10	24	15
4	33	---	---	---	---	---	---	39	18	6.3	17	13
5	33	---	---	---	---	---	---	39	15	8.3	17	18
6	31	---	---	---	---	---	---	29	15	16	14	15
7	34	---	---	---	---	---	---	26	20	13	15	18
8	32	---	---	---	---	---	---	24	21	11	17	19
9	28	---	---	---	---	---	---	33	23	18	20	19
10	20	---	---	---	---	---	0.00	18	16	13	22	20
11	24	---	---	---	---	---	0.00	19	13	9.2	20	19
12	24	---	---	---	---	---	0.00	19	12	11	15	16
13	6.5	---	---	---	---	---	0.00	17	8.9	13	13	20
14	1.9	---	---	---	---	---	0.00	28	9.2	16	12	20
15	0.33	---	---	---	---	---	0.00	26	16	14	14	24
16	0.00	---	---	---	---	---	0.00	27	23	14	16	15
17	0.00	---	---	---	---	---	0.00	27	17	14	17	18
18	0.00	---	---	---	---	---	33	25	12	15	17	19
19	0.00	---	---	---	---	---	42	32	13	17	14	14
20	0.00	---	---	---	---	---	33	25	12	18	16	16
21	0.00	---	---	---	---	---	26	19	15	20	17	16
22	0.00	---	---	---	---	---	23	18	15	12	17	16
23	0.00	---	---	---	---	---	28	19	17	11	21	12
24	0.00	---	---	---	---	---	34	23	14	12	16	9.9
25	0.00	---	---	---	---	---	27	29	12	12	15	6.3
26	0.00	---	---	---	---	---	27	34	13	16	10	4
27	0.00	---	---	---	---	---	29	24	9.4	18	11	6.8
28	0.00	---	---	---	---	---	29	22	11	18	11	12
29	0.00	---	---	---	---	---	16	34	12	15	14	11
30	0.00	---	---	---	---	---	15	27	6.8	16	18	9.7
31	0.00	---	---	---	---	---	---	26	---	15	21	---
Total	358.73	0	0	0	0	0	362	800	466.3	418.9	503	464.7
Mean	11.5	---	---	---	---	---	17.3	25.8	15.5	13.5	16.2	15.5
Max	34	---	---	---	---	---	42	39	27	20	24	24
Min	0.00	---	---	---	---	---	0.00	17	6.8	6.1	10	4
AC-Ft	712	0.00	0.00	0.00	0.00	0.00	718	1587	925	831	998	922
CAI YEAR 2002	TOTAL		3847.83	MEAN	19.9	MAX	48	MIN	0.000	AC-FT	7632	
WTR YEAR 2003	TOTAL		3373.63	MEAN	16.5	MAX	42	MIN	0.000	AC-FT	6691	

13093190 SUCKER FLAT DRAIN (LSLQ) NEAR FILER, ID

LOCATION.-Lat 42°37'04", long 114°34'25", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 09S., R. 16E., Twin Falls County, on right bank of power plant tailrace approx. 5.0 mi north and 1.0 mi east of Filer.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 61.0 ft³/s June 9, 2002; minimum daily recorded, 8.6 ft³/s April 12, 2002.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	49	30	---	---	---	16	14	---	29	27	34	54
2	50	31	---	---	---	16	14	---	33	26	37	51
3	47	30	---	---	---	17	13	---	34	28	45	49
4	48	32	---	---	---	17	13	---	27	30	43	47
5	50	31	---	---	---	17	13	---	29	31	43	50
6	50	32	---	---	---	17	12	29	29	35	40	51
7	48	---	---	---	---	17	12	30	27	29	36	48
8	49	---	---	---	---	16	13	30	28	28	36	45
9	44	---	---	---	---	16	13	38	34	27	37	48
10	45	---	---	---	---	16	14	31	32	25	46	55
11	44	---	---	---	---	16	13	33	27	25	41	53
12	45	---	---	---	---	16	14	32	29	24	40	50
13	45	---	---	---	---	16	14	29	31	28	43	56
14	44	---	---	---	---	16	13	33	28	27	46	57
15	44	---	---	---	---	17	14	34	31	24	44	55
16	44	---	---	---	---	16	20	35	31	24	45	57
17	43	---	---	---	---	15	28	37	28	23	51	52
18	44	---	---	---	---	11	28	40	30	29	53	51
19	43	---	---	---	---	14	---	40	34	28	49	55
20	45	---	---	---	---	14	---	34	31	29	42	55
21	42	---	---	---	19	13	---	31	27	31	50	56
22	29	---	---	---	18	14	---	28	34	30	49	56
23	31	---	---	---	18	14	---	32	36	29	49	54
24	31	---	---	---	17	13	---	32	34	27	52	50
25	31	---	---	---	17	13	---	37	33	29	52	51
26	30	---	---	---	18	14	---	35	29	34	50	52
27	30	---	---	---	17	13	---	32	27	40	51	54
28	30	---	---	---	16	12	---	28	29	43	53	53
29	29	---	---	---	---	12	---	29	32	39	55	53
30	31	---	---	---	---	12	---	30	29	36	53	50
31	30	---	---	---	---	13	---	34	---	35	53	---
Total	1265	186	0	0	140	459	275	853	912	920	1418	1568
Mean	40.8	31.2	---	---	17.3	14.9	15.3	32.7	30.3	29.7	45.6	52.3
Max	50	32	---	---	19	17	28	40	36	43	55	57
Min	29	30	---	---	16	11	12	28	27	23	34	45
AC-Ft	2509	369	0.00	0.00	278	910	545	1692	1809	1825	2813	3110
CAL YEAR 2002	TOTAL	8711.50	MEAN	40.1	MAX	61	MIN	8.6	AC-FT	17280		
WTR YEAR 2003	TOTAL	7996.00	MEAN	33	MAX	57	MIN	11	AC-FT	15860		

13093550 CEDAR DRAW NEAR FILER, ID

LOCATION.-Lat 42°39'13", long 114°39'15" in SE¼SE¼SE¼ sec. 11, T. 09S., R. 15E., Twin Falls County, on left bank approx 0.5 mi upstream from mouth and 7.0 miles northwest of Filer.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 236 ft³/s April 26, 2002; minimum daily, 21 ft³/s March 3, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	178	52	50	34	33	28	27	149	47	63	69	82
2	178	52	49	36	31	22	29	138	48	59	64	131
3	185	51	48	35	31	21	28	118	74	66	73	84
4	189	51	47	33	31	22	28	119	90	57	94	80
5	164	50	47	35	30	23	28	106	78	58	74	86
6	154	51	47	32	29	22	27	135	57	61	68	94
7	161	57	45	33	29	23	28	80	52	64	64	110
8	179	57	45	33	30	23	24	98	51	56	63	113
9	181	57	44	35	29	23	25	199	63	62	62	120
10	172	57	45	34	30	23	24	164	55	63	76	121
11	168	53	45	34	29	23	49	139	48	62	77	112
12	190	53	45	34	29	23	96	123	47	60	75	105
13	209	54	45	36	31	23	89	77	84	66	77	105
14	204	53	44	38	31	24	73	95	53	60	70	108
15	182	53	45	37	30	26	153	88	52	64	64	115
16	166	54	45	37	31	26	123	67	55	58	63	112
17	173	55	44	36	30	26	118	72	58	59	73	113
18	162	53	42	35	30	25	144	110	77	72	84	115
19	158	53	42	36	29	23	110	108	71	71	88	111
20	110	55	42	36	29	24	129	132	64	86	66	109
21	77	54	40	38	29	24	117	75	74	84	60	110
22	60	54	39	38	28	24	93	70	82	75	73	105
23	53	53	38	32	29	24	113	50	82	70	76	94
24	54	54	38	36	27	24	94	53	106	71	91	90
25	54	50	38	39	27	24	125	56	95	60	104	90
26	54	50	36	38	28	28	127	60	68	79	102	84
27	53	48	39	39	29	25	165	48	47	63	104	93
28	53	50	40	38	28	25	169	46	44	64	97	90
29	52	50	38	36	---	24	123	44	51	59	84	96
30	53	51	38	34	---	23	115	44	56	60	79	93
31	53	---	40	32	---	23	---	48	---	55	79	---
Total	4079	1585	1330	1099	827	741	2593	2911	1929	2007	2393	3071
Mean	131.7	52.9	42.9	35.5	29.6	24	86.4	94	64.3	64.7	77.2	102.4
Max	209	57	50	39	33	28	169	199	106	86	104	131
Min	52	48	36	32	27	21	24	44	44	55	60	80
AC-Ft	8091	3144	2638	2180	1640	1470	5143	5774	3826	3981	4746	6091
CAL YEAR 2002	TOTAL	22570.00	MEAN	80.3	MAX	236	MIN	22	AC-FT	44770		
WTR YEAR 2003	TOTAL	24565.00	MEAN	67.3	MAX	209	MIN	21	AC-FT	48720		

13093900 WASTE I NEAR BUHL, ID

LOCATION.-Lat 42°39'33", long 114°41'28", in SW¼NW¼ sec. 10, T. 09S., R. 15E., Twin Falls County, on left bank, 0.25 mi south of 4400 North Road, and approx. 5.0 mi north and 1.0 mi east of Filer.

PERIOD OF RECORD.-April 2003 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 26.0 ft³/s October 4, 2003; minimum daily recorded, 3.2 ft³/s July 12, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	21	17	14	11	9.1	7.8	---	6.9	---	11	17
2	22	21	17	14	11	8.9	7.9	---	8.1	---	11	20
3	25	21	17	14	11	8.9	7.8	---	8.2	---	12	23
4	26	21	16	13	11	8.9	---	---	11	---	11	23
5	23	21	16	13	11	8.9	---	---	11	---	9.2	24
6	20	20	16	13	10	8.7	---	---	11	---	8.2	24
7	19	21	16	13	10	8.6	---	14	7.8	---	9.4	23
8	19	22	16	13	10	8.9	---	9.5	6.6	---	10	22
9	19	21	15	14	10	8.8	---	10	7.9	---	11	23
10	20	21	15	14	10	8.6	---	7.7	8.2	---	14	23
11	22	19	15	13	10	8.5	---	9.9	10	---	14	22
12	23	19	15	13	10	8.3	---	9.3	8.7	---	11	16
13	24	20	15	14	11	8.3	---	9.3	8.7	---	11	16
14	24	19	16	14	11	8.1	---	9.6	7.7	---	7.8	19
15	24	19	15	14	10	8.4	---	11	8	---	6.9	20
16	25	19	15	14	10	8.5	---	10	9.5	11	5.9	18
17	24	18	15	13	10	8.4	---	10	9.7	11	5.8	17
18	24	18	14	13	10	8.3	---	10	---	15	10	19
19	24	18	13	14	9.8	8	---	9.4	---	15	13	19
20	24	18	14	12	10	8.1	---	7.4	---	21	10	17
21	23	18	15	12	9.7	7.9	---	13	---	19	15	16
22	20	18	14	12	9.6	7.8	---	11	---	12	18	14
23	21	18	14	13	9.7	8	---	9.5	---	10	17	11
24	21	18	13	12	9.4	8	---	7.6	---	9.9	17	13
25	21	17	13	12	9.4	7.8	---	5.9	---	13	17	11
26	21	17	14	12	9.4	8.4	---	6.5	---	15	18	11
27	22	17	15	12	9.3	7.7	---	5.3	---	14	21	10
28	23	17	14	11	9.1	7.7	---	6	---	16	21	10
29	23	17	14	11	---	7.8	---	4.5	---	14	18	11
30	22	17	14	11	---	7.7	---	8.7	---	13	18	7.8
31	22	---	16	12	---	7.5	---	5.8	---	12	18	---
Total	692	571	464	399	282.4	257.5	23.5	220.9	149	220.9	400.2	519.8
Mean	22.3	19.1	15	12.9	10.2	8.3	7.8	8.9	8.8	13.8	13	17.3
Max	26	22	17	14	11	9.1	7.9	14	11	21	21	24
Min	19	17	13	11	9.1	7.5	7.8	4.5	6.6	9.9	5.8	7.8
AC-Ft	1373	1133	920	791	560	511	47	438	296	438	794	1031
CA1 YEAR 2002	TOTAL		3492.10	MEAN	12.8	MAX	26	MIN	3.2	AC-FT	6926	
WTR YEAR 2003	TOTAL		4200.20	MEAN	13.8	MAX	26	MIN	4.5	AC-FT	8331	

13094050 J8 DRAIN NEAR WENDELL, ID

LOCATION.-Lat 42° 40' 27", long 114° 44' 27", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, sec. 6, T. 09S., R. 15E., Gooding County, left side of weir, approx. 200 ft upstream from mouth, and approx. 6.0 mi south and 2.0 mi west of Wendell.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 29.0 ft³/s May 6, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.4	0.00	---	---	---	---	---	6	6.6	0.00	0.00	8.6
2	3.9	0.00	---	---	---	---	---	4.2	8.5	0.00	0.00	5.1
3	2.2	0.00	---	---	---	---	---	8.4	6.8	0.00	0.00	5
4	1.8	0.00	---	---	---	---	---	9	0.48	0.00	0.00	2.8
5	0.12	0.00	---	---	---	---	---	19	0.00	0.00	0.00	0.67
6	0.00	0.00	---	---	---	---	---	29	0.00	0.00	1.4	0.00
7	0.00	0.00	---	---	---	---	---	27	0.00	0.00	8.2	0.00
8	0.00	---	---	---	---	---	---	23	2.6	7.9	1.2	0.00
9	0.00	---	---	---	---	---	---	23	5	4.2	0.00	0.00
10	0.00	---	---	---	---	---	0.00	16	1.2	1.2	0.00	0.00
11	0.00	---	---	---	---	---	0.00	16	0.00	0.00	0.00	0.00
12	0.00	---	---	---	---	---	0.00	16	0.00	0.00	0.54	0.00
13	0.00	---	---	---	---	---	0.00	12	0.00	0.00	0.00	0.00
14	0.00	---	---	---	---	---	0.00	8.9	0.00	0.00	0.00	0.00
15	0.00	---	---	---	---	---	0.00	12	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	---	0.00	8.1	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	---	0.00	7.9	0.00	0.00	0.00	0.00
18	0.00	---	---	---	---	---	0.00	13	0.1	0.00	0.00	0.62
19	0.00	---	---	---	---	---	0.00	17	0.00	0.00	0.00	6.7
20	0.00	---	---	---	---	---	0.00	15	0.00	0.00	0.00	4.5
21	0.00	---	---	---	---	---	0.00	12	5.3	0.00	0.00	2.7
22	0.00	---	---	---	---	---	0.00	7.6	8.1	0.00	0.00	2.9
23	0.00	---	---	---	---	---	0.00	7.6	8	0.00	0.00	1
24	0.00	---	---	---	---	---	0.00	6.9	5.9	0.00	0.00	0.00
25	0.00	---	---	---	---	---	0.00	9.5	4.5	0.00	0.00	0.00
26	0.00	---	---	---	---	---	0.00	10	3.2	0.00	5.3	0.00
27	0.00	---	---	---	---	---	0.00	7.9	1.4	0.00	0.052	0.00
28	0.00	---	---	---	---	---	0.00	5.7	0.00	0.00	0.00	0.00
29	0.00	---	---	---	---	---	0.00	4	0.00	0.00	0.00	0.00
30	0.00	---	---	---	---	---	7.4	4.5	0.00	0.00	0.00	0.00
31	0.00	---	---	---	---	---	---	5.4	---	0.00	0.00	---
Total	12.42	0	0	0	0	0	7.4	371.6	67.68	13.3	16.69	40.59
Mean	0.4	0.000	---	---	---	---	0.35	12	2.3	0.43	0.54	1.4
Max	4.4	0.00	---	---	---	---	7.4	29	8.5	7.9	8.2	8.6
Min	0.00	0.00	---	---	---	---	0.00	4	0.00	0.00	0.00	0.00
AC-Ft	25	0.00	0.00	0.00	0.00	0.00	15	737	134	26	33	81
CAL YEAR 2002	TOTAL		131.55	MEAN	0.68	MAX	8	MIN	0.000	AC-FT	261	
WTR YEAR 2003	TOTAL		529.68	MEAN	2.5	MAX	29	MIN	0.000	AC-FT	1051	

13094700 MUD CREEK NEAR BUHL, ID

LOCATION.-Lat 42°39'33", long 114°47'20", SE¼SW¼NW¼, sec. 11, T. 09S., R. 14E., Twin Falls County, on right bank of county bridge approx. 5.0 mi north of Buhl.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 149 ft³/s Oct. 18, 2002; minimum daily recorded, 33.0 ft³/s April 3, 4, 6, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	121	101	73	64	48	74	37	58	55	48	---	82
2	128	104	72	63	44	72	36	56	51	47	---	81
3	134	102	72	63	43	75	33	62	46	47	---	74
4	138	104	71	63	42	70	33	59	41	45	---	74
5	134	100	70	60	42	66	34	57	36	49	---	74
6	133	99	69	59	41	70	33	55	36	54	---	84
7	136	101	68	59	40	71	35	52	35	51	---	91
8	137	112	68	61	41	70	37	58	37	53	---	96
9	134	111	69	60	41	66	41	106	37	53	---	104
10	136	105	69	61	42	65	41	83	35	55	---	110
11	134	97	69	59	43	68	42	77	34	52	---	111
12	135	95	67	58	44	70	40	76	36	59	---	106
13	136	95	68	58	47	72	37	72	37	64	59	109
14	135	93	73	60	53	78	35	75	37	61	54	118
15	136	91	70	58	57	66	42	85	37	55	53	113
16	142	91	71	55	60	59	43	71	38	---	53	108
17	145	91	72	56	57	56	55	58	37	---	59	108
18	149	89	68	56	58	52	49	53	37	---	63	118
19	141	86	66	57	55	52	49	55	42	---	65	119
20	140	82	68	56	57	51	55	52	44	---	63	113
21	131	86	69	57	65	49	54	51	44	---	65	109
22	108	86	67	55	75	51	55	56	44	---	77	102
23	108	85	66	57	75	53	57	59	46	---	82	93
24	109	79	65	54	66	48	56	56	43	---	78	89
25	110	79	64	54	67	45	53	63	45	---	73	90
26	110	79	64	54	71	59	54	65	43	---	70	93
27	105	78	67	54	72	47	56	64	43	---	73	96
28	109	79	67	52	73	46	53	63	51	---	79	100
29	111	78	66	51	---	47	51	67	50	---	81	99
30	108	75	66	51	---	47	58	62	50	---	86	97
31	104	---	76	47	---	48	---	60	---	---	86	---
Total	3937	2753	2130	1772	1519	1863	1354	1986	1247	793	1319	2961
Mean	127	91.8	68.7	57.1	54.3	60	45.2	64	41.6	52.8	69.4	98.7
Max	149	112	76	64	75	78	58	106	55	64	86	119
Min	104	75	64	47	40	45	33	51	34	45	53	74
AC-Ft	7809	5460	4225	3515	3013	3695	2686	3939	2473	1573	2616	5873
CAL YEAR 2002	TOTAL	21996.00	MEAN	76.4	MAX	149	MIN	41	AC-FT	43630		
WTR YEAR 2003	TOTAL	23634.00	MEAN	70.1	MAX	149	MIN	33	AC-FT	46880		

13095060 FISH HATCHERY DRAIN (UPPER) NEAR HAGERMAN, ID

LOCATION.-Lat 42°39'59", long 114°49'16", in NE¼NE¼NW¼ sec. 9, T. 09S., R. 14E., Twin Falls County, on left bank approx. 10 mi south of Hagerman.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 12 ft³/s August 3, 2003; minimum daily, 0.63 ft³/s April 3, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.3	1.7	3.1	1.9	1.7	1.9	1.7	1.2	7.9	3.9	7.8	8.7
2	2.3	1.8	3	1.9	1.8	2	0.89	1.4	7.9	4.5	9.3	9.1
3	2.3	1.8	2.9	1.9	1.8	2	0.63	2.6	7	4.5	12	9.1
4	2.3	1.8	2.9	1.9	1.8	2.1	3.1	3.4	6.8	4.7	11	8.8
5	2.3	1.8	3	2	1.8	2.2	2.2	3.6	5.7	4.2	10	8.5
6	2.4	1.8	3	2	1.6	2.2	1.3	3.4	4	4.4	9.3	8.3
7	2.3	1.9	3.1	2	1.7	2.2	1.6	2.8	4	4.5	6.7	8.6
8	2.2	1.8	3	2	1.6	2.4	1.4	3.4	4	4.9	4.8	8.6
9	2.3	1.8	2.4	2	1.6	2.6	1.4	5.2	3.4	5.1	4.3	5.7
10	2.3	1.8	1.9	2	1.6	3.1	1.4	4	3.7	4.5	4	3.8
11	2.1	1.1	1.9	2.1	1.6	3.7	1.4	4.2	3.7	4.3	5.2	4
12	2.1	1.5	1.9	2	1.5	4.7	1.5	4.5	3.6	4.4	5.8	4
13	2.1	2.7	1.9	2.1	1.6	4.8	1.4	4.4	4	3.9	7.3	3.9
14	2.2	3.5	2.1	2.1	1.6	4.8	1.4	4.2	3.2	3.6	7.8	4.1
15	2.1	3.7	2.1	2.1	1.3	4.8	1.3	4.3	3.1	4	10	4.1
16	2.3	3.8	2.3	2	1.2	5.1	1.3	3.8	3.1	4.2	11	4.1
17	2.3	4.1	2.3	2	1.4	5.1	1.5	3.9	3.9	4.2	12	4
18	2.3	4.2	2.2	2	1.4	4.9	1.3	5.1	4.2	5	11	3.9
19	2.3	4.5	2.1	2	1.4	4.9	1.3	6	4.8	4.8	11	3.9
20	2.4	5	2.1	2	1.3	4.1	1.3	6.1	5	4.7	11	4
21	2.4	3.3	2.2	1.9	1.4	1.5	1.4	5.7	5.3	4.8	9.2	3.8
22	2.2	3.3	2.4	2	1.7	1.4	1.6	5.2	4.8	6.2	9.2	3.9
23	2.1	3.4	2.4	2	1.8	1.7	1.6	5.6	4.3	8	11	4
24	2.1	3.3	2.4	2	1.8	1.8	1.6	4.4	3.9	6.8	10	3.8
25	2.1	3.1	2.3	1.8	1.8	1.6	1.8	4.9	4	5.9	9.6	3.7
26	2.2	3.1	2.3	1.9	1.8	1.7	1.7	4.9	4.2	5.8	9.6	3.8
27	2.2	3	2.2	1.8	1.8	1.8	1.8	4.2	4.1	6.4	11	3.8
28	2.1	3	2.2	1.8	1.9	2	1.8	4.7	3.4	6.4	10	3.9
29	2	3	2.1	1.8	---	2.4	1.5	4.8	4.1	6.9	10	4
30	1.9	3	2	1.7	---	2	1.1	6.2	4.2	8.1	10	4.1
31	1.9	---	2	1.8	---	1.9	---	8.1	---	9.6	8.9	---
Total	68.4	83.6	73.7	60.5	45.3	89.4	45.22	136.2	135.3	163.2	279.8	158
Mean	2.2	2.8	2.4	1.9	1.6	2.9	1.5	4.4	4.5	5.3	9.1	5.3
Max	2.4	5	3.1	2.1	1.9	5.1	3.1	8.1	7.9	9.6	12	9.1
Min	1.9	1.1	1.9	1.7	1.2	1.4	0.63	1.2	3.1	3.6	4	3.7
AC-Ft	136	166	146	120	90	177	90	270	268	324	555	313
CAL YEAR 2002	TOTAL		617.41	MEAN	2.4	MAX	6.7	MIN	0.64	AC-FT	1225	
WTR YEAR 2003	TOTAL		1338.62	MEAN	3.7	MAX	12	MIN	0.63	AC-FT	2655	

13095061 FISH HATCHERY DRAIN (LOWER) NEAR HAGERMAN, ID

LOCATION.-Lat 42°40'01", long 114°48'60", in SW¼SE¼SE¼ sec. 4, T. 09S., R. 14E., Twin Falls County, on downstream right bank of concrete culvert at road crossing approx. 10 mi south of Hagerman.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 6.9 ft³/s September 19, 2002; minimum daily recorded, 0.01 ft³/s July 27, 28, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.4	0.57	0.53	0.36	0.19	0.098	---	---	---	0.016	0.012	2.6
2	6.2	0.54	0.48	0.34	0.13	0.1	---	---	---	0.02	0.065	2.6
3	6.5	0.42	0.48	0.37	0.12	0.12	---	---	---	0.058	0.11	3
4	6.3	0.49	0.67	0.36	0.11	0.09	---	---	---	0.05	0.057	2.2
5	4.5	0.52	0.87	0.32	0.11	0.1	---	---	---	0.028	0.027	1.4
6	3.7	0.57	0.81	0.27	0.1	0.11	---	---	---	0.037	0.019	0.84
7	4.3	0.64	0.6	0.23	0.099	0.12	---	---	---	0.045	0.042	1.5
8	2.4	0.7	0.52	0.23	0.1	0.13	---	---	---	0.061	0.046	1.5
9	2.6	0.53	0.5	0.22	0.11	0.11	---	---	---	0.065	0.042	2.3
10	2.4	0.46	0.41	0.23	0.11	0.15	---	---	---	0.041	0.031	3.2
11	2.6	0.55	0.35	0.22	0.11	0.15	---	---	---	0.047	0.032	3.7
12	3.9	0.67	0.32	0.21	0.12	0.16	---	---	---	0.047	0.023	3.1
13	2.8	0.44	0.24	0.26	0.13	0.14	---	---	---	0.046	0.019	2.9
14	3.5	0.32	0.36	0.28	0.13	0.15	---	---	---	0.046	0.066	2.8
15	5.7	0.26	0.31	0.23	0.14	0.14	---	---	---	0.052	0.035	3.8
16	6.1	0.25	0.28	0.19	0.13	---	---	---	---	0.068	0.017	3.9
17	5.7	0.28	0.27	0.18	0.16	---	---	---	---	0.056	0.02	3.3
18	5.8	0.32	0.2	0.19	0.22	---	---	---	---	0.083	0.14	3.3
19	5.7	0.38	0.17	0.17	0.15	---	---	---	---	0.05	0.6	3.7
20	5.6	0.39	0.19	0.16	0.14	---	---	---	---	0.044	0.22	3.3
21	4.9	0.4	0.24	0.17	0.16	---	---	---	---	0.032	0.038	2.6
22	1.3	0.41	0.23	0.17	0.12	---	---	---	---	0.037	0.06	2.9
23	0.94	0.46	0.23	0.21	0.098	---	---	---	---	0.032	1	2.9
24	0.81	0.46	0.21	0.2	0.088	---	---	---	---	0.03	0.33	2.8
25	0.81	0.35	0.26	0.2	0.088	---	---	---	---	0.042	0.11	2.9
26	0.82	0.42	0.23	0.19	0.095	---	---	---	---	0.022	0.12	2.9
27	0.8	0.38	0.46	0.22	0.089	---	---	---	0.01	0.024	0.74	3.1
28	0.83	0.32	0.51	0.17	0.092	---	---	---	0.01	0.016	1	2.9
29	0.78	0.53	0.35	0.15	---	---	---	---	0.02	0.013	1.6	3.4
30	0.72	0.53	0.4	0.18	---	---	---	---	0.017	0.02	3.9	5.8
31	0.56	---	0.47	0.19	---	---	---	---	---	0.024	2.8	---
Total	105.97	13.56	12.15	7.07	3.44	1.87	0	0	0.06	1.25	13.32	87.14
Mean	3.4	0.45	0.39	0.23	0.12	0.12	---	---	0.013	0.04	0.43	2.9
Max	6.5	0.7	0.87	0.37	0.22	0.16	---	---	0.02	0.083	3.9	5.8
Min	0.56	0.25	0.17	0.15	0.088	0.09	---	---	0.01	0.013	0.012	0.84
AC-Ft	210	27	24	14	6.8	3.7	0.00	0.00	0.1	2.5	26	173
CAL YEAR 2002	TOTAL		367.46	MEAN	1.4	MAX	6.9	MIN	0.082	AC-FT	729	
WTR YEAR 2003	TOTAL		245.83	MEAN	0.94	MAX	6.5	MIN	0.01	AC-FT	488	

13095360 S COULEE NEAR WENDELL, ID

LOCATION.-Lat 42°41'56", long 114°48'19", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 08S., R. 14E., Gooding County, on right bank, 0.5 mi upstream from mouth, and approx. 7.0 mi southwest of Wendell.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 74.0 ft³/s May 9, 2002; minimum daily recorded, 0.33 ft³/s February 2, 2003.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	31	2	2.3	2.7	0.39	1.5	1.2	6.4	---	11	14	58
2	23	2.2	2	1.8	0.33	1.3	1.7	9.7	---	12	23	56
3	26	2.4	1.8	1.3	0.39	1.1	2.3	11	---	12	39	40
4	25	2.5	2.1	1.5	0.51	1.3	2	30	---	12	44	31
5	25	2.4	2	1.2	0.87	1.2	1.8	53	---	8.6	39	29
6	18	2.5	1.9	1.2	1.2	1.3	1.5	55	---	8.2	21	35
7	17	2.8	2	0.92	1.3	1.4	1.8	43	---	13	8.4	40
8	13	2.3	2.4	0.95	1	1.3	1.8	45	---	13	12	43
9	7.5	2.4	2.1	1.2	1.1	1.3	2	61	---	8.6	12	44
10	3.6	2.5	2	1.8	1.2	1.3	2.2	55	---	20	11	54
11	4.2	1.9	2	1.5	0.93	1.2	2.3	49	---	11	10	56
12	12	1.9	2	1.4	1.5	1.5	2.3	46	---	7.9	8.8	61
13	2.9	2.3	1.8	1.4	1.5	1.5	2.3	---	---	12	12	69
14	1.3	2.1	2.2	1.3	1.3	1.4	2.3	---	---	14	5.6	64
15	0.88	2.2	2	1.4	1.3	1.3	2.2	---	---	12	8.1	66
16	0.73	2.2	1.8	1.3	1.2	1.5	2.5	---	---	16	27	55
17	0.72	2.1	1.7	1.3	1.2	1.4	13	---	---	14	25	62
18	0.73	1.9	1.6	1.3	1	1.1	51	---	---	11	28	60
19	0.73	2.3	1.3	1.2	1.3	1.3	70	---	---	8.2	22	56
20	0.71	2.5	1.4	1.1	1.9	1	50	---	---	9.8	22	54
21	0.73	2.5	1.8	1.2	1.9	1.2	24	---	---	11	20	48
22	0.74	2.3	1.9	1.3	1.4	1.2	11	---	---	5.7	22	47
23	0.88	2.4	1.8	1.3	1.2	1.1	16	---	---	3.9	43	41
24	1.1	2.8	1.3	1.2	1.2	1	24	---	---	9.6	39	31
25	1.1	2.6	1.6	0.96	1.5	1	22	---	---	5.4	41	27
26	1.1	2.5	1.9	0.97	1.2	1.4	30	---	---	15	30	31
27	1.2	2.1	1.6	0.93	1	1.8	31	---	25	22	28	24
28	1.5	1.8	2	0.91	1.5	1.5	29	---	19	18	26	26
29	2.2	2.2	1.9	0.8	---	1.2	16	---	17	19	30	25
30	2.2	2.3	1.4	0.71	---	1.1	7.4	---	22	16	41	20
31	2.2	---	2.1	0.53	---	1.2	---	---	---	16	49	---
Total	228.95	68.9	57.7	38.58	32.32	39.9	426.6	464.1	83	375.9	760.9	1353
Mean	7.4	2.3	1.9	1.2	1.2	1.3	14.2	38.6	20.6	12	24.6	45.1
Max	31	2.8	2.4	2.7	1.9	1.8	70	61	25	22	49	69
Min	0.71	1.8	1.3	0.53	0.33	1	1.2	6.4	17	3.9	5.6	20
AC-Ft	454	137	114	77	64	79	846	921	165	746	1509	2684
CAL YEAR 2002	TOTAL		4637.55	MEAN	16.5	MAX	74	MIN	0.71	AC-FT	9198	
WTR YEAR 2003	TOTAL		3929.85	MEAN	12.3	MAX	70	MIN	0.33	AC-FT	7795	

13095490 IRRIGATION DRAIN TO BLIND CANYON NEAR WENDELL, ID

LOCATION.-Lat 42°42'28", long 114°47'30", in S4N4W4, sec. 27, T. 08S., R. 14E., Gooding County, on right bank of 450 West road crossing approx. 6.0 mi south of Wendell.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

RDMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 53.0 ft³/s, May 5, 2003; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	31	0.00	---	---	---	---	0.00	41	20	6	12	27
2	28	0.00	---	---	---	---	0.00	30	27	4.8	19	22
3	25	0.00	---	---	---	---	0.00	34	20	4.7	28	18
4	18	0.00	---	---	---	---	0.00	45	13	3.7	30	24
5	20	0.00	---	---	---	---	0.00	53	15	17	23	23
6	17	0.00	---	---	---	---	0.00	49	9.5	19	8.2	19
7	19	0.00	---	---	---	---	0.00	38	17	23	5.4	27
8	20	---	---	---	---	---	0.00	27	19	13	15	30
9	20	---	---	---	---	---	0.00	35	22	8.9	17	31
10	18	---	---	---	---	---	0.00	45	12	10	19	29
11	20	---	---	---	---	---	0.00	45	16	6.5	18	32
12	27	---	---	---	---	---	0.00	45	10	7.6	12	33
13	3.9	---	---	---	---	---	0.00	41	12	14	9	43
14	0.00	---	---	---	---	---	0.00	33	15	15	18	36
15	0.00	---	---	---	---	---	0.00	25	24	17	15	31
16	0.00	---	---	---	---	---	0.00	24	22	20	16	28
17	0.00	---	---	---	---	---	5.8	27	16	21	20	20
18	0.00	---	---	---	---	---	11	34	19	16	25	23
19	0.00	---	---	---	---	---	27	40	17	20	15	23
20	0.00	---	---	---	---	---	28	30	18	21	8.1	33
21	0.00	---	---	---	---	---	25	19	23	23	9.3	33
22	0.00	---	---	---	---	---	31	14	27	16	16	31
23	0.00	---	---	---	---	---	34	15	32	14	28	22
24	0.00	---	---	---	---	---	38	18	28	12	30	21
25	0.00	---	---	---	---	---	39	28	19	20	31	21
26	0.00	---	---	---	---	---	41	35	14	23	24	21
27	0.00	---	---	---	---	---	46	29	15	21	28	21
28	0.00	---	---	---	---	---	44	20	10	22	24	19
29	0.00	---	---	---	---	---	32	21	14	19	29	23
30	0.00	---	---	---	---	---	43	21	14	12	37	22
31	0.00	---	---	---	---	0.00	---	19	---	8.8	28	---
Total	266.9	0	0	0	0	0	444.8	980	539.5	459	617	786
Mean	8.6	0.000	---	---	---	0.000	14.8	31.6	17.9	14.7	19.9	26.2
Max	31	0.00	---	---	---	0.00	46	53	32	23	37	43
Min	0.00	0.00	---	---	---	0.00	0.00	14	9.5	3.7	5.4	18
AC-Ft	529	0.00	0.00	0.00	0.00	0.00	882	1944	1070	910	1224	1559
CA1 YEAR 2002	TOTAL	2937.50	MEAN	17.2	MAX	40	MIN	0.000	AC-FT	5826		
WTR YEAR 2003	TOTAL	4093.20	MEAN	18.4	MAX	53	MIN	0.000	AC-FT	8119		

13133785 DRAIN NEAR BICKEL SPRINGS NEAR HAGERMAN, ID

LOCATION.-Lat 42°45'28", long 114°50'48", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 08S., R. 14E., Gooding County, on left side of weir at South 1200 E. road, and approx. 5.0 mi southeast of Hagerman.

PERIOD OF RECORD.-April 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 5.60 ft³/s May 20, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.41	---	---	---	---	---	---	0.00	4.9	1.7	0.18
2	0.00	0.97	---	---	---	---	---	---	0.00	4.6	1.9	0.22
3	0.00	0.00	---	---	---	---	---	---	0.88	4.7	1.5	0.2
4	0.22	0.00	---	---	---	---	---	---	3	4.3	0.5	0.82
5	3.3	0.00	---	---	---	---	---	---	2.6	1.1	1.5	0.19
6	0.72	0.00	---	---	---	---	---	---	3.5	1.4	4.3	0.16
7	0.42	0.00	---	---	---	---	---	---	3.7	4.2	4.8	0.15
8	0.00	---	---	---	---	---	---	0.038	3.3	3.9	3.3	0.11
9	0.00	---	---	---	---	---	---	0.037	3.3	3.6	2.7	0.012
10	0.00	---	---	---	---	---	---	0.06	3.4	3.9	3.5	0.00
11	0.00	---	---	---	---	---	---	0.071	3	3.6	4.2	0.00
12	0.00	---	---	---	---	---	---	0.073	2.4	3.1	2.3	0.00
13	0.00	---	---	---	---	---	---	0.13	2.4	2.1	1.1	0.00
14	0.00	---	---	---	---	---	---	0.34	2.9	0.7	2.7	0.00
15	0.00	---	---	---	---	---	---	0.26	2.6	1.5	2.3	0.98
16	0.00	---	---	---	---	---	---	0.077	3.3	3	3.1	1.4
17	0.00	---	---	---	---	---	---	0.00	3.9	3.4	3.9	1.4
18	0.00	---	---	---	---	---	---	0.00	4.8	3.3	3	1.3
19	0.00	---	---	---	---	---	---	0.01	4.1	2.9	0.29	0.41
20	0.00	---	---	---	---	---	---	0.026	4.8	3.5	2.7	0.39
21	0.00	---	---	---	---	---	---	0.026	4.2	3.2	3.2	0.38
22	0.00	---	---	---	---	---	---	0.00	4.2	4	2.8	0.39
23	0.00	---	---	---	---	---	---	0.00	2.1	3.4	0.25	0.27
24	0.00	---	---	---	---	---	---	0.00	3.4	2.6	0.25	0.21
25	0.00	---	---	---	---	---	---	0.033	3.3	1	0.28	0.21
26	0.00	---	---	---	---	---	---	0.027	4.2	0.39	0.28	0.22
27	0.00	---	---	---	---	---	---	0.17	4	2.8	2.1	0.24
28	0.00	---	---	---	---	---	---	0.16	3.4	4.4	3.5	0.25
29	0.00	---	---	---	---	---	---	0.14	3.6	3.5	3.7	0.25
30	0.00	---	---	---	---	---	---	0.04	5.2	4.2	2.2	0.27
31	0.00	---	---	---	---	---	---	0.012	---	4.8	0.2	---
Total	4.66	1.38	0	0	0	0	0	1.73	95.48	97.99	70.05	10.61
Mean	0.15	0.2	---	---	---	---	---	0.073	3.2	3.2	2.3	0.35
Max	3.3	0.97	---	---	---	---	---	0.34	5.2	4.9	4.8	1.4
Min	0.00	0.00	---	---	---	---	---	0.00	0.00	0.39	0.2	0.00
AC-Ft	9.2	2.7	0.00	0.00	0.00	0.00	0.00	3.4	189	194	139	21
CAL YEAR 2002	TOTAL		358.33	MEAN	2	MAX	5.6	MIN	0.000	AC-FT	711	
WTR YEAR 2003	TOTAL		281.90	MEAN	1.5	MAX	5.2	MIN	0.000	AC-FT	559	

13134520 Upper Salmon B Power Canal at Upper Salmon Falls nr Hagerman, ID

LOCATION.-Lat 42°45'57", Long 114°54'21", in the SW¼, NW¼, NW¼, sec.02, T. 8S., R. 21E., Twin Falls County, Hydrologic Unit 17040212, on the right flume wall and .1 miles upstream from the Upper Salmon "B" power plant.

PERIOD OF RECORD.-February 1998 to September 2000; October 2002 to current year.

GAGE.-Water-velocity and stage sensor.

REMARKS.-No estimated daily discharges. Records good. These values include spill that passes through the radial spill gates on the right bank at the power plant intake structure.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 6,210 ft³/s October 19; minimum daily, 4,280 ft³/s July 9.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5820	5200	5640	5260	4890	5110	4840	4930	4670	4440	4400	4940
2	5870	5200	5640	5250	4840	5100	4850	4860	4680	4450	4410	4990
3	5910	5180	5680	5220	4790	5080	4690	4860	4750	4430	4560	5000
4	6010	5150	5470	5200	4770	5070	4620	4890	4730	4460	4700	5150
5	5960	5190	5280	5200	4810	5050	4560	5000	4710	4450	4700	4910
6	5950	5190	5370	5260	4720	5000	4600	5040	4680	4390	4610	4920
7	5900	5310	5360	5120	4750	5010	4580	5090	4610	4350	4510	4960
8	5910	5470	5360	5170	4990	5010	4540	4860	4600	4310	4560	5070
9	5860	5530	5350	5210	5040	5040	4550	5070	4640	4280	4510	5130
10	5850	5510	5300	5170	5030	5030	4480	5160	4620	4290	4530	5170
11	5860	5490	5400	5080	5000	5020	4510	5170	4540	4310	4590	5260
12	5960	5420	5300	4960	4960	5000	4590	5190	4500	4290	4600	5060
13	5960	5360	5350	4900	4970	5030	4670	5080	4540	4290	4540	5180
14	5940	5490	5350	4910	5070	4970	4730	4970	4510	4310	4560	5190
15	5940	5440	5310	4790	5140	5020	4690	4680	4500	4300	4570	5230
16	5990	5450	5290	4630	5170	5080	4940	4840	4540	4330	4540	5220
17	6140	5470	5330	4540	5190	4980	4850	4820	4520	4300	4590	5220
18	6200	5490	5320	4430	5180	4940	4980	4910	4520	4340	4660	5250
19	6210	5510	5380	4440	5160	5040	5110	4970	4540	4310	4680	5280
20	6050	5410	5270	4560	5170	4990	5080	4990	4590	4360	4730	5270
21	5870	5490	5290	4590	5170	5070	5030	4840	4560	4410	4660	5220
22	5820	5530	5390	4520	5090	5080	4940	4760	4630	4360	4730	5160
23	5690	5560	5450	4560	5190	4970	4920	4660	4720	4320	4820	5130
24	5700	5540	5350	4580	5160	5040	4960	4580	4660	4400	4860	5050
25	5700	5540	5410	4610	5150	5030	4900	4720	4640	4360	4890	5020
26	5690	5440	5350	4580	5140	4990	4990	4850	4610	4450	4880	5030
27	5700	5480	5350	4580	5180	4980	5090	4740	4550	4500	4850	4990
28	5650	5510	5390	4500	5150	5030	4970	4780	4500	4530	4880	5020
29	5700	5570	5350	4710		--- 4950	4980	4680	4480	4500	4880	5030
30	5410	5580	5320	4830		--- 4860	4910	4650	4460	4400	4900	5030
31	5240	---	5410	4800	---	4860	---	4690	---	4410	4920	---
Total	181460	162700	166810	150160	140870	155430	144150	151330	137800	135630	144820	153080
Mean	5854	5423	5381	4844	5031	5014	4806	4881	4593	4375	4671	5103
Max	6210	5580	5680	5260	5190	5110	5110	5190	4750	4530	4920	5280
Min	5240	5150	5270	4430	4720	4860	4480	4580	4460	4280	4400	4910
AC-Ft	359900	322700	330900	297800	279400	308300	285900	300200	273300	269000	287200	303600
CA1 YEAR 2002	TOTAL	1804470.00	MEAN	5185	MAX	6210	MIN	4310	AC-FT	3579000		
WTR YEAR 2003	TOTAL	1824240.00	MEAN	4998	MAX	6210	MIN	4280	AC-FT	3618000		

13134550 Upper Salmon A Power Canal at Upper Salmon Falls nr Hagerman, ID

LOCATION.--Lat 42°45'50", long 114°51'40", in the NE¼, NW¼, NW¼ sec. 3, T. 08S., R. 13E., Twin Falls County, Hydrologic Unit 17040212, on the right flume wall and .01 miles upstream from the Upper Salmon "A" power plant.

PERIOD OF RECORD.--September 1998 to September 2000; April 2003 to September 2003.

GAGE.--Water-velocity sensor.

REMARKS.--No estimated daily discharges. Records good. Discharges represent total flow in canal.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge for current period, 5,040 ft³/s Sept. 22; minimum daily, 3,050 ft³/s May 17.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	4210	3970	4630	3780	4130
2	---	---	---	---	---	---	---	4380	4490	4610	3800	4400
3	---	---	---	---	---	---	---	4270	4590	4590	3870	4540
4	---	---	---	---	---	---	---	4290	4710	4570	3870	4700
5	---	---	---	---	---	---	---	4500	4740	4550	3740	4590
6	---	---	---	---	---	---	---	4620	4700	4520	3550	4510
7	---	---	---	---	---	---	---	4600	4750	4500	3220	4530
8	---	---	---	---	---	---	---	4510	4720	4480	3470	4510
9	---	---	---	---	---	---	---	4600	4770	4460	3550	4740
10	---	---	---	---	---	---	---	4610	4720	4450	3560	4810
11	---	---	---	---	---	---	---	4000	4540	4430	3420	4890
12	---	---	---	---	---	---	---	3850	4460	4410	3360	4740
13	---	---	---	---	---	---	---	4310	4500	4380	3300	4730
14	---	---	---	---	---	---	---	4350	4570	4370	3400	4700
15	---	---	---	---	---	---	---	3850	4450	4330	3550	4780
16	---	---	---	---	---	---	---	3150	4130	4250	3750	4790
17	---	---	---	---	---	---	---	3050	4190	4030	3740	4820
18	---	---	---	---	---	---	---	3060	4480	4020	3910	4780
19	---	---	---	---	---	---	---	3930	4480	3970	3890	4770
20	---	---	---	---	---	---	---	4350	4560	4010	3840	4890
21	---	---	---	---	---	---	---	4440	4430	3940	3910	5010
22	---	---	---	---	---	---	---	4510	4470	3910	3940	5040
23	---	---	---	---	---	---	---	4440	4500	3830	4070	5020
24	---	---	---	---	---	---	4160	4480	4570	3850	4020	4910
25	---	---	---	---	---	---	4120	4250	4670	3860	3960	4900
26	---	---	---	---	---	---	4040	3810	4610	3960	3980	4870
27	---	---	---	---	---	---	4220	3570	4680	3970	4040	4750
28	---	---	---	---	---	---	4330	3570	4700	3840	4150	4830
29	---	---	---	---	---	---	4310	3280	4680	3800	4590	4880
30	---	---	---	---	---	---	3950	3630	4660	3740	4320	4910
31	---	---	---	---	---	---	---	3820	---	3770	4100	---
Total							29130	126290	136490	130030	117650	142470
Mean	---	---	---	---	---	---	4163	4074	4549	4195	3796	4749
Max	---	---	---	---	---	---	4330	4620	4770	4630	4590	5040
Min	---	---	---	---	---	---	3950	3050	3970	3740	3220	4130
AC-Ft							57780	250500	270700	257900	233400	282600

13134550 Upper Salmon A Power Canal (Plant Flow) at Upper Salmon Falls nr Hagerman, ID

LOCATION.--Lat 42°45'50", long 114°51'40", in the NE¼, NW¼, NW¼ sec. 3, T. 08S., R. 13E., Twin Falls County, Hydrologic Unit 17040212, on the right flume wall and .01 miles upstream from the Upper Salmon "A" power plant.

PERIOD OF RECORD.--September 1998 to September 2000; April 2003 to September 2003.

GAGE.--Water-velocity sensor.

REMARKS.--No estimated daily discharges. Records good. Discharges represent flow through the power plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge for current period, 5,040 ft³/s Sept. 22; minimum daily, 3,050 ft³/s May 17.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	4210	3970	4620	3780	4130
2	---	---	---	---	---	---	---	4380	4480	4610	3800	4400
3	---	---	---	---	---	---	---	4270	4590	4590	3870	4540
4	---	---	---	---	---	---	---	4290	4710	4570	3860	4700
5	---	---	---	---	---	---	---	4500	4730	4550	3740	4590
6	---	---	---	---	---	---	---	4620	4700	4520	3550	4510
7	---	---	---	---	---	---	---	4600	4750	4500	3220	4530
8	---	---	---	---	---	---	---	4500	4720	4480	3470	4510
9	---	---	---	---	---	---	---	4600	4770	4450	3540	4730
10	---	---	---	---	---	---	---	4610	4720	4440	3560	4810
11	---	---	---	---	---	---	---	4000	4540	4420	3420	4890
12	---	---	---	---	---	---	---	3850	4460	4410	3360	4740
13	---	---	---	---	---	---	---	4310	4490	4380	3300	4730
14	---	---	---	---	---	---	---	4350	4570	4370	3400	4700
15	---	---	---	---	---	---	---	3850	4440	4330	3550	4780
16	---	---	---	---	---	---	---	3150	4130	4250	3740	4790
17	---	---	---	---	---	---	---	3050	4190	4030	3730	4820
18	---	---	---	---	---	---	---	3060	4470	4020	3910	4780
19	---	---	---	---	---	---	---	3930	4480	3970	3890	4770
20	---	---	---	---	---	---	---	4350	4560	4010	3840	4890
21	---	---	---	---	---	---	---	4430	4430	3940	3910	5010
22	---	---	---	---	---	---	---	4510	4470	3910	3940	5040
23	---	---	---	---	---	---	---	4440	4500	3830	4070	5020
24	---	---	---	---	---	---	4160	4480	4570	3850	4020	4900
25	---	---	---	---	---	---	4120	4250	4660	3860	3960	4900
26	---	---	---	---	---	---	4030	3810	4610	3960	3980	4870
27	---	---	---	---	---	---	4220	3570	4680	3970	4040	4750
28	---	---	---	---	---	---	4330	3570	4700	3840	4150	4830
29	---	---	---	---	---	---	4310	3280	4680	3790	4590	4870
30	---	---	---	---	---	---	3950	3630	4650	3740	4320	4910
31	---	---	---	---	---	---	---	3810	---	3770	4100	---
Total							29120	126260	136420	129980	117610	142440
Mean	---	---	---	---	---	---	4161	4072	4547	4193	3794	4747
Max	---	---	---	---	---	---	4330	4620	4770	4620	4590	5040
Min	---	---	---	---	---	---	3950	3050	3970	3740	3220	4130
AC-Ft							57760	250400	270600	257800	233300	282500

13134550 Upper Salmon A Power Canal (Spill) at Upper Salmon Falls nr Hagerman, ID

LOCATION.--Lat 42°45'50", long 114°51'40", in the NE¼, NW¼, NW¼ sec. 3, T. 08S., R. 13E., Twin Falls County, Hydrologic Unit 17040212, on the right flume wall and .01 miles upstream from the Upper Salmon "A" power plant.

PERIOD OF RECORD.--September 1998 to September 2000; April 2003 to September 2003.

GAGE.--Water-velocity sensor.

REMARKS.--No estimated daily discharges. Records good. Discharges represent spill prior to the power plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge for current period, 82.0 ft³/s May 30; no flow for many days.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	29	71	---	---	15
2	---	---	---	---	---	---	---	2.8	---	---	---	19
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	1.9	67
5	---	---	---	---	---	---	---	---	---	---	4.1	---
6	---	---	---	---	---	---	---	24	---	---	0.8	---
7	---	---	---	---	---	---	---	38	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	4.5	---	---	---	---
10	---	---	---	---	---	---	---	4.4	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	25	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	54	---
14	---	---	---	---	---	---	---	15	---	---	---	---
15	---	---	---	---	---	---	---	13	---	---	---	0.00
16	---	---	---	---	---	---	---	24	---	---	---	0.086
17	---	---	---	---	---	---	---	1.3	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	0.58	0.2
19	---	---	---	---	---	---	---	---	---	---	0.83	0.00
20	---	---	---	---	---	---	---	9.6	---	---	0.42	---
21	---	---	---	---	---	---	---	---	---	---	0.12	---
22	---	---	---	---	---	---	---	---	---	---	21	---
23	---	---	---	---	---	---	---	---	0.41	---	14	---
24	---	---	---	---	---	---	---	---	0.68	---	9.8	---
25	---	---	---	---	---	---	---	---	---	---	15	---
26	---	---	---	---	---	---	1.5	---	---	---	11	---
27	---	---	---	---	---	---	---	0.87	---	---	13	---
28	---	---	---	---	---	---	---	13	---	22	20	---
29	---	---	---	---	---	---	---	61	---	---	---	---
30	---	---	---	---	---	---	24	82	---	---	18	---
31	---	---	---	---	---	---	---	---	---	---	15	---
Total							25.5	347.47	72.09	22	199.55	101.29
Mean	---	---	---	---	---	---	12.7	21.6	24	22.1	11.7	14.4
Max	---	---	---	---	---	---	24	82	71	22	54	67
Min	---	---	---	---	---	---	1.5	0.87	0.41	22	0.12	0.00
AC-Ft							51	689	143	44	396	201

13134554 SNAKE RIVER AT UPPER SALMON FALLS NEAR HAGERMAN, ID

LOCATION.-Lat 42°46'10", long 114°53'41", in NE¼ NW¼ NE¼, sec. 2, T. 08S., R. 21E., Gooding County, Hydrologic Unit 17040212, near right bank on Upper Salmon Falls Dam, approx. 3.5 mi south of Hagerman, and at mile 581.4.

PERIOD OF RECORD.-April 1991 to current year. Idaho Power Co. assumed operation of station on April 9, 2001.

GAGE.-Water-stage recorder. Datum of gage is 2,865.61 ft above mean sea level.

REMARKS.-Gage heights affected by fluctuations from Upper Salmon Falls dam.

EXTREMES FOR PERIOD OF RECORD.-Maximum gage height observed, 15.73 ft, Dec. 3, 2001, result of ice jam; minimum, 9.86 ft, May 13, 1991.

EXTREMES FOR CURRENT YEAR.-Maximum gage height, 13.76 ft, May 9; minimum, 13.06 ft, Feb. 9.

STAGE (FT), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13.64	13.37	13.36	13.26	13.11	13.11	13.21	13.61	13.41	13.29	13.42	13.65
2	13.63	13.33	13.35	13.25	13.14	13.14	13.26	13.64	13.43	13.26	13.45	13.62
3	13.66	13.27	13.33	13.16	13.10	13.13	13.21	13.63	13.39	13.31	13.44	13.69
4	13.64	13.31	13.21	13.19	13.17	13.09	13.18	13.65	13.45	13.30	13.55	13.68
5	13.64	13.36	13.26	13.19	13.08	13.09	13.14	13.71	13.47	13.31	13.50	13.64
6	13.60	13.27	13.27	13.22	13.12	13.14	13.23	13.69	13.39	13.26	13.50	13.64
7	13.58	13.33	13.28	13.22	13.18	13.16	13.20	13.54	13.44	13.31	13.47	13.67
8	13.58	13.38	13.26	13.22	13.08	13.15	13.22	13.48	13.39	13.27	13.49	13.63
9	13.59	13.33	13.21	13.24	13.06	13.16	13.18	13.76	13.45	13.27	13.50	13.66
10	13.57	13.34	13.21	13.13	13.08	13.07	13.28	13.75	13.40	13.28	13.54	13.65
11	13.57	13.27	13.26	13.20	13.12	13.11	13.26	13.67	13.40	13.31	13.53	13.64
12	13.57	13.26	13.29	13.18	13.13	13.19	13.33	13.65	13.39	13.26	13.50	13.63
13	13.57	13.31	13.32	13.14	13.17	13.20	13.31	13.51	13.38	13.34	13.52	13.61
14	13.56	13.30	13.36	13.20	13.12	13.12	13.34	13.45	13.37	13.36	13.50	13.62
15	13.57	13.35	13.25	13.09	13.15	13.21	13.34	13.54	13.35	13.38	13.53	13.68
16	13.62	13.35	13.30	13.10	13.10	13.22	13.38	13.61	13.36	13.38	13.51	13.63
17	13.65	13.31	13.28	13.11	13.15	13.15	13.38	13.50	13.33	13.41	13.54	13.60
18	13.66	13.35	13.31	13.07	13.13	13.19	13.40	13.53	13.38	13.42	13.56	13.67
19	13.53	13.27	13.29	13.16	13.11	13.23	13.46	13.63	13.33	13.43	13.57	13.65
20	13.46	13.27	13.25	13.15	13.11	13.17	13.46	13.64	13.34	13.47	13.56	13.62
21	13.46	13.37	13.33	13.07	13.13	13.24	13.46	13.52	13.33	13.45	13.56	13.55
22	13.45	13.34	13.35	13.12	13.19	13.17	13.41	13.53	13.33	13.42	13.58	13.55
23	13.52	13.31	13.28	13.17	13.15	13.17	13.47	13.45	13.35	13.45	13.61	13.52
24	13.49	13.28	13.26	13.19	13.08	13.23	13.42	13.62	13.34	13.48	13.62	13.49
25	13.48	13.27	13.29	13.11	13.07	13.14	13.47	13.65	13.35	13.46	13.64	13.49
26	13.41	13.27	13.22	13.09	13.16	13.23	13.51	13.55	13.35	13.46	13.60	13.49
27	13.48	13.34	13.30	13.12	13.22	13.19	13.46	13.49	13.32	13.43	13.62	13.53
28	13.44	13.33	13.30	13.13	13.08	13.21	13.58	13.40	13.30	13.42	13.62	13.51
29	13.43	13.33	13.23	13.19	---	13.21	13.49	13.41	13.29	13.44	13.62	13.54
30	13.30	13.36	13.32	13.16	---	13.20	13.46	13.49	13.29	13.40	13.67	13.54
31	13.29	---	13.24	13.07	---	13.18	---	13.46	---	13.40	13.63	---
Mean	13.54	13.32	13.28	13.16	13.12	13.17	13.35	13.57	13.37	13.37	13.55	13.60
Max	13.66	13.38	13.36	13.26	13.22	13.24	13.58	13.76	13.47	13.48	13.67	13.69
Min	13.29	13.26	13.21	13.07	13.06	13.07	13.14	13.40	13.29	13.26	13.42	13.49
Cal YEAR 2002	MEAN		13.27	MAX	13.66	MIN	13.01					
WTR YEAR 2003	MEAN		13.37	MAX	13.76	MIN	13.06					

13134556 NORTH CHANNEL SNAKE RIVER AT UPPER SALMON FALLS NEAR HAGERMAN, ID

LOCATION.-Lat 42°46'10", long 114°54'11", in SE¼SW¼SW¼ sec. 35, T. 07S., R. 21E., Gooding County, Hydrologic Unit 17040212, on right bank, approx. 3.5 mi south of Hagerman, and 0.5 mi below Upper Salmon Falls Dam.

PERIOD OF RECORD.-August 1991 to current year. Idaho Power Co. assumed operation of station on Jan. 23, 2001.

GAGE.-Water-stage recorder. Elevation of gage is 2,850 ft above sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records poor. Flow is regulated by Upper Salmon Falls Dam.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 20,800 ft³/s June 22, 1997; maximum gage height, 16.74 ft, June 22, 1997; minimum, 0.22 ft³/s Nov. 19, 1993.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 77.0 ft³/s Sept. 3, 15; minimum daily, 4.6 ft³/s June 10, 17.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	5.4	7.8	6.5	6.1	5.8	6.4	18	5	6.1	9.1	58
2	40	5.3	7.9	6.6	6	5.9	6.5	26	5.1	6.1	10	44
3	48	5.4	7.7	6.3	6	5.7	6.5	20	5.1	6.1	9.4	77
4	42	5.6	7.4	6.2	6	5.6	6.5	29	6	5.9	28	72
5	39	6.2	7.3	6.2	5.7	5.5	6.4	47	7	6.1	18	54
6	28	6.2	7.6	6.5	5.7	5.3	6.6	42	4.9	6.1	15	55
7	22	6.4	7.6	6.6	6	5.4	6.5	15	5	6.2	13	70
8	24	7.2	7.5	6.7	5.8	5.4	6.7	14	4.7	6.1	14	49
9	25	6.6	7.3	6.8	5.7	5.6	6.8	76	5.1	6.4	15	65
10	24	6.6	7.2	6.5	5.8	5.3	7	71	4.6	6.5	21	59
11	21	6.5	7.2	6.7	5.9	5.4	7	37	5.1	6.7	20	55
12	21	6.7	7.2	6.9	6.1	5.4	7.3	26	5	6.5	17	52
13	23	7	7.4	6.7	6.2	5.6	7.1	8.3	5.2	6.7	19	46
14	18	7.3	7.5	6.7	5.9	5.4	7.1	5.7	5	6.6	16	50
15	21	7.2	7.2	6.3	5.9	5.8	6.7	24	4.8	6.9	22	77
16	36	7.2	7.5	6.4	5.8	5.6	6.9	30	4.9	6.8	19	59
17	49	6.9	7.5	6.3	5.8	5.5	6.8	7.2	4.6	6.7	24	47
18	48	7	7.4	6.2	5.9	5.5	6.3	9.1	5.2	7.3	27	76
19	21	6.8	7.3	6.4	5.9	5.7	6.6	35	5.3	6.9	31	67
20	6	6.8	7.1	6.5	6	5.7	7.2	36	6	8.5	29	55
21	7.4	7.6	7.2	6.4	6.1	5.8	6.8	11	6	7.7	25	29
22	7.7	7.2	7.1	6.3	6.2	5.7	6.4	17	6.2	6.7	34	28
23	13	7.1	6.8	6.3	5.8	5.6	7.1	7	6.3	6.9	46	23
24	10	7	6.6	6.3	6.1	5.9	6.6	27	6.5	8.7	43	16
25	8.3	7.3	6.8	6.2	6	5.9	6.7	37	6.3	7.8	52	17
26	5.3	7.3	6.6	6.1	6.2	6.2	7.6	17	6.4	8.9	38	16
27	9.7	7.6	6.8	6.1	6.5	5.8	6.6	9.5	6.1	9	43	25
28	7.8	7.4	6.7	6.1	6.1	6	21	5.9	6.2	8.8	44	21
29	7.6	7.2	6.5	6.4	---	6.2	9.4	5.6	6.1	9.9	45	30
30	4.7	7.6	6.6	6.3	---	6.2	5.9	7.4	5.8	7.5	66	31
31	4.9	---	6.8	6.1	---	6.4	---	6	---	7.8	50	---
Total	685.4	203.6	223.1	198.6	167.2	176.8	219	726.7	165.5	220.9	862.5	1423
Mean	22.1	6.8	7.2	6.4	6	5.7	7.3	23.4	5.5	7.1	27.8	47.4
Max	49	7.6	7.9	6.9	6.5	6.4	21	76	7	9.9	66	77
Min	4.7	5.3	6.5	6.1	5.7	5.3	5.9	5.6	4.6	5.9	9.1	16
AC-Ft	1359	404	443	394	332	351	434	1441	328	438	1711	2822
CAL YEAR 2002	TOTAL		4373.60	MEAN	12	MAX	53	MIN	3.8	AC-FT		8675
WTR YEAR 2003	TOTAL		5272.30	MEAN	14.4	MAX	77	MIN	4.6	AC-FT	1	

13135000 SNAKE RIVER BELOW LOWER SALMON FALLS NEAR HAGERMAN, ID

LOCATION.-Lat 42°50'55", long 114°54'02", in NW¼ sec.2, T. 07S., R. 13E., Gooding County, Hydrologic Unit 17040212, on right bank, 0.5 mi downstream from Lower Salmon Falls power plant, 1.0 mi upstream from Malad River, 2.2 mi north of Hagerman, and at mile 572.5.

PERIOD OF RECORD.-October 1937 to April 2001 operated by USGS. April 2001 to current year operated by Idaho Power Co. Monthly discharge only for October 1937, published in WSP 1317.

GAGE.-Water-stage recorder. Datum of gage is 2,727.7 ft above sea level (stadia levels). Prior to Jan. 3, 1950, at site 340 ft upstream.

REMARKS.-Records good, except for estimated daily discharges which are fair. Station equipment includes radio telemetry. Diurnal fluctuation caused by hydroelectric plants upstream. Diversions above station for irrigation of about 2,330,000 acres, of which about 665,000 acres are irrigated by withdrawals from ground water.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 38,500 ft³/s June 21, 1997, gage height, 18.81 ft; minimum, probably less than 100 ft³/s Jan. 10, 11, 1950, when river was below intake pipes; minimum daily, 3,970 ft³/s Jan. 8, 1951.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 6,420 ft³/s Oct. 20; minimum daily, 4,170 ft³/s July 9.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6290	5250	5900	5460	5280	5280	5170	4950	4660	4770	4340	5200e
2	5420	5520	5740	5580	5290	5250	4780	4960	4620	4180	4390	5250e
3	6100	5310	5720	5440	5290	5280	4680	4950	4970	4590	4430	5300e
4	6190	5320	5660	5500	5230	5440	5140	4930	4670	4380	4840	5450e
5	6050	5640	5420	5300	5380	4930	4510	5170	4570	4780	4690	5200e
6	5970	5310	5420	5390	5220	5470	4750	5230	4610	4360	4750	5150e
7	6040	5470	5570	5400	5860	5100	4890	5200	4590	4370	4650	5100e
8	5970	5590	5500	5410	5890	4920	4640	4950	4510	4320	4460	5400e
9	6070	5660	5450	5310	5240	5200	4590	5330	4580	4170	4520	5250e
10	5890	5690	5280	5100	5470	5190	4750	5500	4550	4380	4510	5500e
11	5940	5630	5440	5370	5050	5150	4740	5400	4430	4430	4790	5500e
12	6030	5540	5590	5230	5760	5270	4630	5390	4560	4340	4490	5300e
13	6110	5550	5480	5410	5940	5240	4860	5200	4510	4420	4620	5400e
14	6030	5690	5420	5500	5230	4920	4810	5030	4220	4300	4570	5450e
15	5960	5530	5530	5360	5260	5210	4750	4960	4460	4640	4640	5500e
16	6070	5690	5440	5370	5510	5190	5160	4860	4390	4360	4460	5450e
17	6340	5550	5480	5220	5270	5600	5020	4940	4530	4250	4620	5500e
18	6240	5690	5570	5080	5510	4790	5120	4940	4380	4390	4650	5450e
19	6330	5650	5410	5530	5250	5040	5200	5110	4480	4490	4770	5550e
20	6420	5500	5430	5210	5340	5410	5300	5190	4490	4430	4640	5550e
21	6270	5590	5520	5140	5380	4940	5170	4930	4500	4600	4760	5500e
22	5540	5670	5590	5250	5350	5200	5030	4810	4520	4360	4810	5400e
23	5820	5640	5590	5270	5410	5080	4980	4820	4730	4330	5190	5450e
24	6150	5640	5600	5300	5240	5360	5150	4810	4640	4450	5090	5300e
25	6320	5660	5450	5400	5320	5170	4870	4750	4660	4470	5250	5300e
26	5550	5510	5550	5080	5410	5330	5060	4950	4590	4470	5280	5200e
27	5760	5640	5620	5270	5300	4800	5200	4930	4530	4410	5070	5350e
28	5850	5790	5570	5480	5250	5170	5110	4880	4540	4520	5000	5300e
29	5920	5500	5580	5360	---	5150	5180	5020	4460	4380	5030	5350e
30	5790	5680	5470	5080	---	4890	4880	4480	4550	4440	5070	5400e
31	5310	---	5590	5330	---	4980	---	4630	---	4380	5220	---
Total	185740	167100	171580	165130	150930	159950	148120	155200	136500	137160	147600	161000
Mean	5992	5570	5535	5326	5390	5159	4937	5006	4550	4424	4761	5367
Max	6420	5790	5900	5580	5940	5600	5300	5500	4970	4780	5280	5550
Min	5310	5250	5280	5080	5050	4790	4510	4480	4220	4170	4340	5100
AC-Ft	368400	331400	340300	327500	299400	317300	293800	307800	270700	272100	292800	319300
CAL YEAR 2002	TOTAL	1912490.00	MEAN	5240	MAX	6420	MIN	4300	AC-FT	3793000		
WTR YEAR 2003	TOTAL	1886010.00	MEAN	5167	MAX	6420	MIN	4170	AC-FT	3741000		

e Estimate

13140900 WILLOW CREEK NEAR BELLEVUE, ID

LOCATION.-Lat 43°19'23", long 114°19'25" in NW¼NW¼SE¼ sec. 21, T. 01S, R. 18E, Blaine County, Hydrologic Unit 17040219, on left bank at private road crossing, 0.6 miles upstream from the mouth.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-August 1999 to current year.

GAGE.-Water-stage recorder. Station equipment includes satellite telemetry. Datum of gage is 4,820 feet above mean sea level, from topographic map.

REMARKS.-Records good.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 41 ft³/s May 3; minimum daily 6.1 ft³/s Feb. 10.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	10e	13	11	22	6.8	16	32	36	21	28	31
2	10	10e	13	11	19	6.7	23	31	30	16	27	32
3	11	10	12	11	13	7.6	24	41	25	20	32	31
4	10	10	13	11	11	7.3	23	38	27	21	32	28
5	9.7	9.2	13	11	9.1	7.2	20	32	28	21	28	27
6	8.4	9.2	12	11	8.1	7.5	20	31	24	22	21	22
7	8.3	9.4	12	11	7	8.3	21	30	28	24	22	24
8	8.2	16	11	11	6.6	9.7	22	29	33	22	20	24
9	7.9	16	11	11	6.3	9.4	19	30	29	20	20	21
10	8.3	15	11	11	6.1	9.2	18	30	26	17	17	22
11	8.1	13	12	11	6.2	9.8	18	32	34	18	15	20
12	7.7	12	12	11	6.3	9.7	19	32	33	17	18	18
13	8.5	12	12	12	9.2	10	20	31	31	19	18	16
14	8.4	12	14	14	18	15	23	29	34	19	17	17
15	8.4	11	13	14	18	14	26	28	32	20	14	18
16	9.6	12	12	12	23	18	28	29	30	20	19	18
17	10	13	12	11	15	13	33	30	29	17	22	22
18	9.7	13	11	11	11	12	33	31	28	18	23	27
19	9.4	14	10	10	9.2	10	29	31	28	18	25	25
20	11	13	11	9.9	8.9	11	27	32	27	16	24	23
21	10	12	10	10	12	11	27	31	31	23	23	22
22	12	13	10	10	12	12	32	29	28	18	27	21
23	11	14	9.9	12	10	14	35	26	24	24	38	20
24	10	13	9.6	11	8.8	14	34	24	22	28	33	18
25	9.6	13	10	11	8.4	18	40	27	21	30	28	17
26	9.3	13	9.6	10	7.8	22	40	28	18	33	25	17
27	9.2	12	11	14	7.2	19	37	26	22	35	26	17
28	9.6	11	12	15	7.2	11	35	24	21	28	26	18
29	10	12	12	13	---	11	35	23	22	25	29	20
30	10e	11	11	19	---	13	33	32	19	25	32	20
31	10e	---	12	26	---	14	---	35	---	25	31	---
Total	295.3	363.8	357.1	376.9	306.4	361.2	810	934	820	680	760	656
Mean	9.5	12.1	11.5	12.2	11	11.7	26.9	30.2	27.3	21.9	24.6	21.8
Max	12	16	14	26	23	22	40	41	36	35	38	32
Min	7.7	9.2	9.6	9.9	6.1	6.7	16	23	18	16	14	16
AC-Ft	586	722	708	748	608	716	1607	1853	1626	1349	1507	1301

CAL YEAR 2002	TOTAL	6290.80	MEAN	17.2	MAX	41	MIN	6.8	AC-FT	12480
WTR YEAR 2003	TOTAL	6720.70	MEAN	18.4	MAX	41	MIN	6.1	AC-FT	13330

e Estimate

13152450 IRRIGATION DITCH NEAR BLISS, ID

LOCATION.-Lat 42°55'33", long 115°00'07", in NW¼NE¼ sec. 02, T. 06S., R. 12E., Gooding County, on upstream right bank at railroad crossing, 1.0 mi upstream from mouth, and approx. 2.0 miles west of Bliss.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge recorded, 16.0 ft³/s July 22, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.4	---	---	---	---	---	---	---	---	7.5	0.58	11
2	7.8	---	---	---	---	---	---	---	---	2.1	2	9.5
3	8.3	---	---	---	---	---	---	---	---	1.2	5.5	6.8
4	7.3	---	---	---	---	---	---	---	---	0.078	10	4.3
5	7.7	---	---	---	---	---	---	---	0.79	0.00	7	3.4
6	7.2	---	---	---	---	---	---	---	0.00	3.4	5.1	2.6
7	6.5	---	---	---	---	---	---	---	1.1	5.6	5.3	0.85
8	6.1	---	---	---	---	---	---	---	2.2	7.1	8	1.7
9	6.5	---	---	---	---	---	---	---	0.58	6.5	5.6	2.7
10	4	---	---	---	---	---	---	---	1.7	5.5	5.7	4
11	4.2	---	---	---	---	---	---	---	0.00	6.6	8.5	5.9
12	6.6	---	---	---	---	---	---	---	0.088	6.1	10	9
13	7.3	---	---	---	---	---	---	---	0.00	4.2	6.8	9.9
14	1.2	---	---	---	---	---	---	---	0.00	4	6.9	9.2
15	0.39	---	---	---	---	---	---	---	3.8	2.6	5.5	10
16	0.085	---	---	---	---	---	---	---	7	4.4	4.8	8.9
17	0.036	---	---	---	---	---	---	---	8	3.3	8.1	11
18	0.00	---	---	---	---	---	---	---	6.2	2.4	8.5	12
19	0.00	---	---	---	---	---	---	---	4.4	1.1	6.1	7
20	0.00	---	---	---	---	---	---	---	6.6	1	4.4	3.7
21	0.00	---	---	---	---	---	---	---	7.1	0.87	7.8	7.5
22	0.00	---	---	---	---	---	---	---	6.6	1.5	8	11
23	0.00	---	---	---	---	---	---	---	7.4	0.71	9.4	7.8
24	0.00	---	---	---	---	---	---	---	9.7	1.1	8.4	6.2
25	0.00	---	---	---	---	---	---	---	7.6	2.3	8.8	7.9
26	0.00	---	---	---	---	---	---	---	6.9	3	11	8.8
27	0.00	---	---	---	---	---	---	---	8	5.4	7.3	7.9
28	0.00	---	---	---	---	---	---	---	4.3	7.5	3.5	6.4
29	0.00	---	---	---	---	---	---	---	3.5	5.1	4.2	4.5
30	0.00	---	---	---	---	---	---	---	1.4	5.4	5.9	3.9
31	---	---	---	---	---	---	---	---	---	2.8	7.9	---
Total	88.61	0	0	0	0	0	0	0	104.96	110.36	206.58	205.35
Mean	3	---	---	---	---	---	---	---	4	3.6	6.7	6.8
Max	8.3	---	---	---	---	---	---	---	9.7	7.5	11	12
Min	0.00	---	---	---	---	---	---	---	0.00	0.00	0.58	0.85
AC-Ft	176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	219	410	407
CA1 YEAR 2002	TOTAL		1325.35	MEAN	5.9	MAX	16	MIN	0.000	AC-FT	2629	
WTR YEAR 2003	TOTAL		715.86	MEAN	4.8	MAX	12	MIN	0.000	AC-FT	1420	

13152895 W DRAIN NEAR TUTTLE, ID

LOCATION.-Lat 42°51'50", long 114°51'58", in NW¼NW¼ sec. 36, T. 06S., R. 13E., Gooding County, on right bank, 150 feet upstream from mouth, and approx. 1.0 mi north of Tuttle.

PERIOD OF RECORD.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 28.0 ft³/s Sept. 9, 2002; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	0.5	---	---	---	---	0.00	6.5	3.3	0.09	7.1	11
2	17	0.24	---	---	---	---	0.00	6.3	7.1	1.4	13	16
3	19	0.12	---	---	---	---	0.00	10	10	1.2	15	20
4	19	0.1	---	---	---	---	0.00	15	7.6	0.27	16	22
5	27	0.00e	---	---	---	---	0.00	14	1.9	0.88	14	19
6	22	0.00e	---	---	---	---	0.00	9.2	0.67	3.6	12	18
7	22	0.00e	---	---	---	---	0.00	7.2	0.93	3	8.7	13
8	17	0.00e	---	---	---	---	0.00	6.2	1.8	0.78	3.7	16
9	18	---	---	---	---	---	0.00	15	1.3	0.16	2.8	19
10	22	---	---	---	---	---	0.00	18	5	0.068	2.6	16
11	22	---	---	---	---	---	0.00	17	4.1	0.00	2.5	18
12	19	---	---	---	---	---	0.00	19	1.8	0.00	5.6	21
13	7.3	---	---	---	---	---	0.00	18	0.38	0.39	4.9	21
14	2.1	---	---	---	---	---	0.00	12	1.3	1.4	6.6	16
15	1.4	---	---	---	---	---	0.00	8	6.5	1.4	3.3	14
16	0.67	---	---	---	---	---	0.00	5.4	5.7	0.7	3.3	11
17	0.36	---	---	---	---	---	0.00	3.8	0.92	0.79	4.3	8.3
18	0.18	---	---	---	---	---	11	3.9	0.25	0.32	4.8	9.8
19	0.11	---	---	---	---	---	9.5	9.9	3.5	0.12	3.7	6.8
20	0.067	---	---	---	---	---	26	8.7	0.49	2.1	2.1	4.3
21	0.028	---	---	---	---	---	27	4.6	0.68	3	1	9.3
22	1.4	---	---	---	---	---	25	5.3	2.4	3.9	2.2	9.4
23	8.2	---	---	---	---	---	14	2.8	4.5	0.83	17	11
24	13	---	---	---	---	---	13	2	7.8	0.22	25	11
25	16	---	---	---	---	---	5.4	7.8	9.4	0.82	26	8.5
26	10	---	---	---	---	---	5.5	7.4	3.5	3.5	15	8.2
27	4.4	---	---	---	---	---	8.3	5.5	1.7	8.8	9.2	7.6
28	4	---	---	---	---	---	7.9	1.9	1.3	9.9	8.4	8.2
29	2.5	---	---	---	---	---	7.9	0.89	0.45	10	5.7	10
30	1.7	---	---	---	---	---	7.2	0.49	0.1	8.8	8.4	9.7
31	1.1	---	---	---	---	0.00	---	3.9	---	4.6	11	---
Total	309.52	0.96	0	0	0	0	167.7	255.68	96.37	73.04	264.9	393.1
Mean	10	0.12	---	---	---	0.000	5.5	8.2	3.2	2.4	8.5	13.1
Max	27	0.5	---	---	---	0.00	27	19	10	10	26	22
Min	0.028	0.00	---	---	---	0.00	0.00	0.49	0.1	0.00	1	4.3
AC-Ft	614	1.9	0.00	0.00	0.00	0.00	333	507	191	145	525	780
CA1 YEAR 2002	TOTAL	1660.84	MEAN	8.3	MAX	28	MIN	0.000	AC-FT	3294		
WTR YEAR 2003	TOTAL	1561.26	MEAN	7	MAX	27	MIN	0.000	AC-FT	3097		

e Estimate

13152937 Upper Malad Power Canal near Bliss, ID

LOCATION.--Lat 42°51'54", long 114°52'58", in the NE¼, NW¼, Sec. 35, T. 6S., R. 13E., Gooding County, Hydrologic Unit 17040219, on the left canal wall and .07 miles upstream from the Upper Malad power plant.

PERIOD OF RECORD.--October 1999 to current year.

GAGE.--None.

REMARKS.--Records are fair. Due to equipment malfunction, the discharges were estimated from kW generated using a K factor of approximately 8.43 kW/cfs.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	907	765	757	799	780	756	727	926	789	707	744	821
2	936	621	775	785	784	738	718	868	792	707	750	820
3	940	763	777	756	754	737	718	854	797	707	787	816
4	938	763	774	767	786	737	716	922	831	705	854	814
5	944	764	766	751	785	737	716	951	905	704	862	791
6	933	771	759	516	783	726	722	951	895	708	843	773
7	856	773	763	746	778	731	720	916	820	707	804	752
8	792	784	761	756	764	731	723	837	776	732	783	746
9	820	793	750	764	762	731	714	824	774	726	813	790
10	874	791	752	756	772	732	712	894	768	713	797	819
11	844	771	751	756	774	736	712	920	745	714	799	836
12	853	771	775	762	770	742	712	922	731	709	749	855
13	792	773	775	764	782	739	711	886	717	708	775	866
14	767	767	768	767	784	739	711	824	716	702	757	873
15	768	772	763	768	775	746	712	766	749	714	751	882
16	767	761	765	766	786	751	712	736	778	712	781	893
17	769	778	770	756	790	741	732	720	755	714	778	865
18	768	771	775	756	780	734	791	747	718	715	802	884
19	782	759	772	763	780	735	902	893	719	725	817	897
20	778	772	755	753	769	731	979	912	713	725	787	902
21	782	768	770	750	756	728	980	867	713	723	772	897
22	791	768	755	756	742	740	987	861	718	730	760	864
23	837	771	760	763	741	730	987	833	726	726	820	855
24	831	764	753	754	742	255	986	747	754	720	816	847
25	830	764	749	761	748	0.00	978	775	778	713	817	824
26	854	760	747	757	734	0.00	930	843	774	717	826	822
27	837	755	747	755	746	262	952	842	750	761	808	799
28	799	756	747	778	743	740	936	795	728	801	806	775
29	792	756	747	766	---	730	826	762	715	786	778	775
30	793	776	770	773	---	721	856	777	710	770	800	755
31	771	---	777	772	---	728	---	772	---	733	812	---
Total	25745	22921	23625	23392	21490	20384	24278	26143	22854	22434	24648	24908
Mean	830.5	764	762.1	754.6	767.5	657.6	809.3	843.2	761.7	723.7	795.1	830.2
Max	944	793	777	799	790	756	987	951	905	801	862	902
Min	767	621	747	516	734	0.00	711	720	710	702	744	746
AC-Ft	51060	45460	46860	46400	42620	40430	48150	51850	45330	44500	48890	49400
WTR YEAR 2003	TOTAL	282822.00	MEAN	774.9	MAX	987	MIN	0.000	AC-FT	561000		

13152950 LOWER MALAD POWER CANAL NEAR BLISS, ID

LOCATION.-Lat 42°51'59", long 114°54'10", in the SE¼SW¼, sec. 27, T. 06S., R. 13E., Gooding County, Hydrologic Unit 17040219 on the left canal wall and 0.1 miles upstream from the Lower Malad power plant.

PERIOD OF RECORD.-October 1999 to current year. June 1985 to October 1999 USGS operated a stage recorder at a site on the right canal wall .2 miles upstream from U.S. Highway 30 (13152940).

GAGE.- Discharges computed from kilowatt generated using a K factor of approximately 11.23 KW/cfs.

REMARKS.-No estimated daily discharges. Records good.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,390 ft³/s April 21; no flow on June 3, 4.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1180	1050	1050	1090	1050	1030	997	1190	1050	974	1010	1100
2	1230	1040	1040	1080	1060	1010	990	1130	342	976	1010	1100
3	1250	1040	1070	1050	1060	1010	990	1110	0.00	975	1050	1080
4	1250	1050	1070	1060	1060	1010	987	1180	0.00	973	1110	1090
5	1260	1050	1060	1040	1060	1000	990	1230	389	973	1120	1050
6	1230	1050	977	978	1060	1000	994	1230	1110	976	1100	1030
7	1130	1050	1050	937	1050	1020	993	1170	1060	975	1060	1020
8	1070	1070	1050	1030	1040	1010	998	1090	1020	996	1040	1010
9	1100	1080	842	1040	1040	1010	989	1080	1020	992	1070	1050
10	1150	1080	1030	1030	1050	1010	986	1150	1010	978	1060	1090
11	1120	1060	1040	1030	1050	1010	986	1170	993	979	1060	1110
12	1130	1020	1070	1040	1040	1020	986	1180	980	976	1010	1130
13	1070	1050	1070	1040	1060	1020	984	1140	966	974	1040	1150
14	1050	1060	1060	1040	1060	1020	984	1080	969	969	1020	1180
15	1050	1050	1050	1040	1050	1020	983	1030	1000	979	1010	1180
16	1050	980	1060	1040	1060	1030	981	998	1040	976	1040	1190
17	1050	1060	1060	1030	1070	1020	1000	984	1030	979	1040	1100
18	1050	1060	1070	1030	1050	1010	1040	1010	997	981	1070	1150
19	1070	1050	1060	1040	1060	1020	1200	1170	1000	989	1090	1180
20	1060	1070	1040	1030	1040	1010	1360	1190	996	990	1050	1200
21	1070	1020	1060	1030	1030	1010	1390	1120	997	992	1030	1190
22	1070	1040	1040	1030	1020	1020	1370	1120	1000	996	1020	1140
23	1120	1060	1050	1040	1020	1010	1330	1100	1010	992	1130	1130
24	1110	1060	1040	1030	1020	972	1320	1010	1030	986	1160	1120
25	1110	1050	1040	1040	1020	1010	1300	1040	1060	979	1140	1090
26	1130	1050	1040	1040	1010	1010	1200	1110	1050	983	1120	1090
27	1120	1050	1040	1030	1020	1000	1230	1100	1030	1020	1070	1070
28	1080	1040	1040	1050	1020	974	1220	1060	1010	1060	1070	1050
29	1080	1040	1040	997	---	1000	1120	1030	988	1050	1040	1050
30	1080	1070	1060	1050	---	994	1120	1040	976	1030	1060	1030
31	1050	---	1070	1050	---	999	---	1040	---	979	1080	---
Total	34570	31500	32339	32082	29230	31289	33018	34282	27123	30647	32980	33150
Mean	1115	1050	1043	1036	1044	1010	1100	1106	904.4	988.4	1065	1105
Max	1260	1080	1070	1090	1070	1030	1390	1230	1110	1060	1160	1200
Min	1050	980	842	937	1010	972	981	984	0.00	969	1010	1010
AC-Ft	68570	62480	64140	63630	57980	62060	65490	68000	53800	60790	65410	65750
CAL YEAR 2002	TOTAL	393321.00	MEAN	1078	MAX	1300	MIN	0.000	AC-FT	780100		
WTR YEAR 2003	TOTAL	382210.00	MEAN	1047	MAX	1390	MIN	0.000	AC-FT	758100		

13153500 MALAD RIVER NEAR BLISS, ID

LOCATION.-Lat 42°51'48", long 114°54'04", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 06S., R. 13E., Gooding County, Hydrologic Unit 17040212, on right bank, 700 ft. upstream from mouth, and approx. 8.0 mi southeast of Bliss.

DRAINAGE AREA.-3,000 mi², approximately.

PERIOD OF RECORD.-April to September 1899; December 1984 to September 2000 record provided by USGS; October 2000 to current year record provided by Idaho Power Company.

GAGE.-Water-stage recorder. Elevation of gage is 2,743.03 feet above sea level, from levels by USGS.

REMARKS.- No estimated daily discharges. Records fair. Station equipment includes telemetry. Diversions from Big Wood, Little Wood, and Malad Rivers for irrigation above station. Major diversion for power generation bypasses station at most times. Numerous springs enter the Malad River canyon within 2 mi upstream. For records of combined discharges, see station 13153501.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 5,390 ft³/s Jan. 2, 1997; minimum daily, 66.0 ft³/s Jan. 9, 10, 14, 1986.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,150 ft³/s June 4; minimum daily, 75 ft³/s June 28.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	109	96	92	84	88	84	84	112	100	88	86	98
2	117	96	103	83	88	84	83	107	840	88	86	99
3	120	95	86	82	88	84	83	105	1140	88	90	96
4	118	95	85	82	88	84	82	110	1150	88	97	95
5	121	95	85	81	87	93	82	117	806	88	100	91
6	118	95	160	137	87	84	83	117	139	87	97	90
7	107	98	85	146	87	84	84	112	111	87	93	89
8	102	97	85	91	86	84	83	106	108	88	90	89
9	103	96	222	90	85	83	84	105	107	88	93	92
10	107	95	84	89	85	83	82	108	107	88	92	97
11	105	94	84	89	85	83	83	111	106	87	93	98
12	106	93	84	89	85	82	83	110	105	87	89	100
13	103	94	85	89	86	82	84	107	104	87	92	101
14	99	94	85	89	85	82	83	104	101	86	92	107
15	99	94	84	88	85	82	84	99	100	87	91	108
16	99	97	84	88	85	82	84	98	91	87	94	108
17	98	98	84	88	85	81	86	98	83	87	94	127
18	98	95	84	88	85	81	109	100	80	87	96	102
19	99	90	84	88	85	81	113	113	78	87	99	105
20	100	91	84	87	84	81	180	113	77	88	94	106
21	100	91	84	87	83	82	196	105	77	87	91	105
22	100	91	83	87	83	82	147	105	77	86	91	98
23	103	91	82	87	83	81	135	103	79	86	103	96
24	104	92	82	86	83	119	133	98	80	86	107	95
25	103	91	82	87	84	84	130	99	81	86	102	94
26	105	92	82	87	84	82	118	102	80	86	100	93
27	105	92	82	87	84	83	120	103	77	87	95	92
28	103	92	81	88	84	110	118	99	75	91	95	90
29	101	92	81	129	---	84	107	98	84	89	92	90
30	101	93	83	88	---	83	108	100	89	89	94	89
31	101	---	84	88	---	83	---	100	---	104	97	---
Total	3254	2815	2835	2849	2387	2637	3131	3264	6332	2725	2925	2940
Mean	105	93.8	91.5	91.9	85.2	85.1	104.4	105.4	211.3	88	94.4	97.9
Max	121	98	222	146	88	119	196	117	1150	104	107	127
Min	98	90	81	81	83	81	82	98	75	86	86	89
AC-Ft	6454	5583	5623	5651	4735	5230	6210	6474	12560	5405	5802	5831
CA1 YEAR 2002	TOTAL	36239.00	MEAN	107.5	MAX	1140	MIN	76	AC-FT	71880		
WTR YEAR 2003	TOTAL	38094.00	MEAN	104.4	MAX	1150	MIN	75	AC-FT	75560		

13153501 COMBINATION MALAD RIVER AND LOWER POWER CANAL NEAR BLISS, ID

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1290	1150	1140	1170	1140	1110	1080	1300	1150	1060	1090	1190
2	1350	1140	1150	1160	1150	1100	1070	1240	1180	1060	1100	1200
3	1370	1140	1150	1130	1150	1100	1070	1210	1140	1060	1140	1180
4	1360	1140	1150	1140	1150	1090	1070	1290	1150	1060	1210	1190
5	1380	1140	1140	1120	1150	1090	1070	1350	1190	1060	1220	1150
6	1350	1140	1140	1120	1140	1090	1080	1350	1250	1060	1200	1120
7	1240	1150	1140	1080	1140	1100	1080	1290	1170	1060	1150	1100
8	1170	1170	1130	1120	1120	1100	1080	1200	1130	1080	1130	1100
9	1200	1180	1060	1130	1120	1090	1070	1180	1130	1080	1170	1150
10	1260	1180	1110	1120	1130	1090	1070	1260	1120	1070	1150	1190
11	1230	1160	1120	1120	1130	1100	1070	1290	1100	1070	1150	1210
12	1240	1110	1150	1130	1130	1100	1070	1290	1090	1060	1100	1230
13	1180	1150	1150	1130	1150	1100	1070	1250	1070	1060	1130	1250
14	1150	1150	1140	1130	1150	1100	1070	1190	1070	1060	1110	1290
15	1150	1150	1140	1130	1140	1110	1070	1120	1100	1070	1100	1290
16	1150	1080	1140	1130	1150	1110	1070	1100	1130	1060	1140	1300
17	1150	1150	1140	1120	1150	1100	1090	1080	1110	1070	1130	1230
18	1150	1160	1150	1120	1140	1100	1140	1110	1080	1070	1170	1260
19	1160	1140	1140	1130	1140	1100	1310	1290	1080	1080	1190	1280
20	1160	1160	1130	1120	1130	1090	1540	1300	1070	1080	1140	1300
21	1170	1110	1140	1110	1110	1090	1580	1230	1070	1080	1130	1290
22	1170	1130	1130	1120	1100	1100	1510	1230	1080	1080	1110	1230
23	1220	1150	1130	1130	1100	1090	1460	1200	1090	1080	1230	1220
24	1210	1150	1120	1120	1100	1090	1450	1110	1110	1070	1270	1210
25	1210	1150	1120	1120	1110	1090	1430	1140	1140	1060	1240	1190
26	1240	1140	1120	1120	1090	1090	1320	1210	1130	1070	1220	1180
27	1220	1140	1120	1120	1110	1090	1350	1210	1110	1110	1170	1160
28	1190	1130	1120	1140	1100	1080	1330	1160	1090	1150	1170	1140
29	1180	1130	1120	1130	---	1080	1230	1120	1070	1130	1130	1140
30	1180	1160	1140	1140	---	1080	1220	1140	1070	1120	1150	1120
31	1160	---	1150	1140	---	1080	---	1140	---	1080	1170	---
Total	37840	34330	35120	34940	31620	33930	36120	37580	33470	33360	35910	36090
Mean	1220	1144	1134	1128	1129	1095	1204	1211	1116	1076	1159	1203
Max	1380	1180	1150	1170	1150	1110	1580	1350	1250	1150	1270	1300
Min	1150	1080	1060	1080	1090	1080	1070	1080	1070	1060	1090	1100
AC-Ft	75050	68090	69660	69300	62720	67300	71640	74540	66390	66170	71230	71580
CAL YEAR 2002	TOTAL	432630.00	MEAN	1185	MAX	1530	MIN	1060	AC-FT	858100		
WTR YEAR 2003	TOTAL	420310.00	MEAN	1152	MAX	1580	MIN	1060	AC-FT	833700		

13153776 SNAKE RIVER BELOW BLISS DAM NEAR BLISS, ID

LOCATION.-Lat 42°54'52", long 115°05'33", in NE¼NW¼SE¼ sec. 12, T. 06S., R. 12E., Elmore County, Hydrologic Unit 17040212, on right bank, 1.0 mi downstream from Bliss Power Plant.

PERIOD OF RECORD.-September 1991 to December 2001, operated by USGS. January 2001 to current year, operated by Idaho Power Company.

REVISED RECORDS.-WRD-ID-97-1: 1996.

GAGE.-Water-stage recorder. Elevation of gage is 2,600 ft above sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records good. Station equipment includes radio telemetry. Flow regulated by American Falls Reservoir and several other smaller reservoirs upstream. Diurnal fluctuation caused by hydroelectric plants upstream. At times, practically entire flow is diverted at Milner during irrigation seasons; only minor diversions below Milner; flow below Milner Dam is then derived largely from springs and seepage entering below Milner.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 41,000 ft³/s June 21, 1997, gage height 23.93 ft; minimum daily, 4,960 ft³/s Aug. 30, 2002.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 13,400 ft³/s Feb. 8, gage height 13.50 ft; minimum daily, 5,680 ft³/s July 9.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7940	6700	7430	6960	6770	6720	6460	6530	6040	6040	5880	6540
2	6900	7050	7240	7070	6720	6600	6260	6500	6090	5700	5950	6630
3	7670	6710	7110	6850	6740	6720	6110	6480	6220	5880	5960	6660
4	7820	6840	7250	6940	6730	6890	6550	6480	6350	5940	6320	6870
5	6570	7180	6930	6740	6840	6310	5970	6830	6160	6040	6230	6550
6	6810	6730	6910	7070	6640	6940	6030	6860	6240	5780	6280	6510
7	6540	7040	7180	6570	6880	6530	6250	6800	6160	5790	6160	6440
8	7410	7090	6840	6980	6690	6340	5840	6500	6010	5730	6000	6650
9	7510	7140	7040	6910	6590	6590	6040	6810	5930	5680	6090	6780
10	7360	7170	6650	6350	6940	6620	6110	7060	6070	5820	6120	6810
11	7480	7090	6900	7040	6470	6600	6100	6990	5920	5870	6240	6830
12	7580	7090	7160	6870	6750	6730	6000	6950	6040	5730	6030	6680
13	7700	7020	6860	6560	6890	6610	6310	6710	5840	5740	6160	6860
14	7530	7230	6890	6880	6640	6380	6060	6560	5780	5740	6140	6930
15	7310	7010	6960	6800	6690	6540	6080	6420	5990	5950	6140	7020
16	6990	7100	6900	6830	6960	6630	6510	6270	5880	5770	6040	6930
17	6760	7100	6940	6810	6650	6980	6350	6240	5950	5750	6150	6870
18	7590	7200	7140	6470	6980	6400	6450	6250	5940	5770	6170	6880
19	7850	7180	6820	6920	6630	6490	6720	6610	5940	5860	6340	7040
20	7860	6960	6840	6760	6760	6770	7090	6710	5810	5840	6140	7070
21	7730	7110	6970	6590	6860	6350	6990	6400	5900	5930	6230	6880
22	6980	7170	7110	6630	6760	6570	6780	6270	6020	5780	6260	6820
23	7350	7100	6970	6700	6880	6490	6680	6300	6150	5760	6720	6880
24	7810	7090	7070	6750	6590	6790	6990	6170	6070	5910	6710	6610
25	7650	7140	6810	6930	6770	6610	6420	6170	6080	5920	6710	6700
26	7320	6970	7040	6620	6830	6750	6610	6410	6160	5870	6740	6510
27	7110	7200	7080	6680	6730	6190	6800	6400	6010	6010	6420	6700
28	7390	7250	7010	6750	6640	6560	6670	6350	5970	6090	6450	6650
29	6600	6910	6950	6860	---	6600	6670	6460	5870	5990	6270	6640
30	6990	7160	6960	6710	---	6430	6370	5890	5940	5980	6430	6630
31	6890	---	7010	6700	---	6410	---	6170	---	5920	6600	---
Total	227000	211730	216970	210300	189020	204140	192270	201550	180530	181580	194080	202570
Mean	7322	7057	6999	6783	6750	6585	6409	6501	6017	5857	6261	6752
Max	7940	7250	7430	7070	6980	6980	7090	7060	6350	6090	6740	7070
Min	6540	6700	6650	6350	6470	6190	5840	5890	5780	5680	5880	6440
AC-Ft	450200	420000	430400	417100	374900	404900	381400	399800	358100	360200	385000	401800
CAI YEAR 2002	TOTAL	2422140.00	MEAN	6636	MAX	7940	MIN	4960	AC-FT	4804000		
WTR YEAR 2003	TOTAL	2411740.00	MEAN	6608	MAX	7940	MIN	5680	AC-FT	4784000		

13171100 SNAKE RIVER IRRIGATION DISTRICT CANAL NEAR GRAND VIEW, ID

LOCATION.-lat 42°57'02", long 115°58'01", in NW¼SW¼NW¼ sec. 34, T. 05S., R. 04E., Owyhee County, Hydrologic Unit 17050103, on left bank at road crossing, 0.4 mi north of C.J. Strike Dam.

PERIOD OF RECORD.-March 1986 to October 2001 (irrigation seasons only) operated by USGS. March 2002 to current year (irrigation seasons only) operated by Idaho Power Co.

GAGE.-Water-stage recorder. Elevation of gage is 2,450 ft above sea level, from topographic map.

REMARKS.-Records good. Canal carries water from C.J. Strike Reservoir.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 209 ft³/s July 6, 20, 21, Aug. 6, 7, 12, 15, 16, 2000, July 30, 2001; no flow for long periods each year.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	129	---	---	---	---	---	138	166	177	197	200	178
2	127	---	---	---	---	---	145	166	177	198	200	177
3	128	---	---	---	---	---	144	166	176	197	202	177
4	132	---	---	---	---	---	145	167	179	196	203	172
5	135	---	---	---	---	---	145	164	180	190	205	164
6	136	---	---	---	---	---	144	163	177	189	204	163
7	138	---	---	---	---	---	144	155	178	189	205	163
8	137	---	---	---	---	---	144	149	177	189	202	163
9	137	---	---	---	---	---	142	148	178	191	198	163
10	137	---	---	---	---	---	142	138	181	194	198	164
11	137	---	---	---	---	---	142	128	181	192	196	158
12	137	---	---	---	---	---	141	130	181	190	194	150
13	138	---	---	---	---	---	142	132	181	189	194	136
14	137	---	---	---	---	---	145	132	180	193	193	126
15	131	---	---	---	---	---	148	132	179	197	194	123
16	123	---	---	---	---	---	156	133	178	196	194	131
17	119	---	---	---	---	---	155	133	180	197	196	131
18	118	---	---	---	---	---	154	138	185	200	196	131
19	117	---	---	---	---	---	154	145	187	199	195	132
20	117	---	---	---	---	65e	160	154	191	200	195	132
21	111	---	---	---	---	62	162	155	189	201	195	132
22	109	---	---	---	---	56	162	155	189	203	194	132
23	109	---	---	---	---	56	162	161	192	204	189	131
24	103	---	---	---	---	69	162	164	198	203	189	130
25	99	---	---	---	---	89	162	163	198	205	190	129
26	99	---	---	---	---	97	163	164	198	205	189	129
27	100	---	---	---	---	105	167	165	199	202	189	128
28	103	---	---	---	---	104	165	163	197	203	184	128
29	103	---	---	---	---	110	165	166	197	202	180	127
30	40e	---	---	---	---	118	166	174	197	200	182	126
31	---	---	---	---	---	127	---	176	---	201	181	---
Total	3586	0	0	0	0	1058	4566	4745	5557	6112	6026	4326
Mean	119.6	---	---	---	---	88.1	152.2	153.1	185.3	197.1	194.4	144.3
Max	138	---	---	---	---	127	167	176	199	205	205	178
Min	40	---	---	---	---	56	138	128	176	189	180	123
AC-Ft	7113	0.00	0.00	0.00	0.00	2099	9057	9412	11020	12120	11950	8580

e Estimate

13171200 GRAND VIEW IRRIGATION DISTRICT CANAL NEAR GRAND VIEW, ID

LOCATION.-Lat 42°56'37", long 115°59'33", in SE¼NW¼SW¼ sec. 33, T. 05S., R. 04E., Owyhee County, Hydrologic Unit 17050103, 0.75 mi west of C.J. Strike Dam.

PERIOD OF RECORD.-July 1985 to October 2001 (irrigation seasons only) by USGS. March 2002 to Sept. 30, 2002 by Idaho Power Co.

GAGE.-Water-stage recorder. Elevation of gage is 2,415 ft above sea level, from topographic map.

REMARKS.-Records good. Canal carries water from C.J. Strike Reservoir.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 233 ft³/s Apr. 21, 1994; no flow for long periods each year.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	151	---	---	---	---	---	128	144	163	150	133	104
2	155	---	---	---	---	---	128	144	163	167	133	121
3	161	---	---	---	---	---	132	132	165	184	140	139
4	166	---	---	---	---	---	136	128	173	189	161	148
5	165	---	---	---	---	---	138	128	175	189	175	159
6	163	---	---	---	---	---	137	136	179	192	176	159
7	156	---	---	---	---	---	137	138	184	192	177	159
8	148	---	---	---	---	---	143	139	187	188	181	159
9	133	---	---	---	---	---	151	131	186	189	180	166
10	109	---	---	---	---	---	154	119	183	180	181	171
11	105	---	---	---	---	---	161	119	183	167	180	173
12	104	---	---	---	---	---	165	109	176	168	181	173
13	105	---	---	---	---	---	165	124	163	157	180	174
14	105	---	---	---	---	---	165	132	156	140	178	176
15	107	---	---	---	---	---	166	110	157	141	178	168
16	106	---	---	---	---	---	165	100	158	160	176	163
17	107	---	---	---	---	---	165	123	158	176	175	153
18	108	---	---	---	---	---	166	134	159	188	176	153
19	109	---	---	---	---	---	159	135	162	193	179	151
20	108	---	---	---	---	---	152	139	159	193	181	147
21	108	---	---	---	---	57e	145	144	147	193	181	146
22	107	---	---	---	---	95	149	144	131	194	181	141
23	107	---	---	---	---	94	144	144	117	194	178	141
24	107	---	---	---	---	95	144	143	98	193	152	141
25	42e	---	---	---	---	95	143	142	87	188	128	140
26	---	---	---	---	---	96	143	142	84	175	127	139
27	---	---	---	---	---	96	145	142	105	170	128	138
28	---	---	---	---	---	96	144	141	114	170	124	138
29	---	---	---	---	---	96	144	150	113	166	108	139
30	---	---	---	---	---	102	144	159	125	151	89	138
31	---	---	---	---	---	121	---	161	---	137	90	---
Total	3042	0	0	0	0	1043	4458	4176	4510	5434	4907	4517
Mean	121.6	---	---	---	---	94.8	148.6	134.8	150.4	175.3	158.2	150.6
Max	166	---	---	---	---	121	166	161	187	194	181	176
Min	42	---	---	---	---	57	128	100	84	137	89	104
AC-Ft	6034	0.00	0.00	0.00	0.00	2069	8842	8283	8945	10780	9733	8959

e Estimate

13171300 GRAND VIEW MUTUAL CANAL NEAR GRAND VIEW, ID

LOCATION.-Lat 42°56'31", long 115°59'26", in NW~~4~~SE~~4~~ sec. 33, T. 05S., R. 04E., Owyhee County, Hydrologic Unit 17050103, on left bank 0.7 mi west of C.J. Strike Dam.

PERIOD OF RECORD.-March 1986 to October 2001 (irrigation seasons only) operated by USGS. March 2002 (irrigation seasons only) to current year operated by Idaho Power Co.

GAGE.-Water-stage recorder. Elevation of gage is 2,450 ft above sea level, from topographic map.

REMARKS.-Records fair. Canal carries water from C.J. Strike Reservoir.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 156 ft³/s July 2, 1995; no flow for long periods each year.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83	---	---	---	---	---	65	94	85	107	98	99
2	83	---	---	---	---	---	71	95	89	108	98	99
3	83	---	---	---	---	---	71	95	94	108	99	99
4	83	---	---	---	---	---	71	96	86	109	99	99
5	83	---	---	---	---	---	71	90	88	109	98	99
6	82	---	---	---	---	---	70	82	95	110	93	100
7	83	---	---	---	---	---	70	81	99	113	94	100
8	83	---	---	---	---	---	70	82	108	114	94	99
9	83	---	---	---	---	---	70	82	117	97	93	91
10	83	---	---	---	---	---	72	82	125	92	94	90
11	83	---	---	---	---	---	82	75	124	91	95	95
12	83	---	---	---	---	---	92	71	121	96	95	100
13	83	---	---	---	---	---	100	71	118	98	96	100
14	83	---	---	---	---	---	108	71	120	99	96	100
15	28e	---	---	---	---	---	108	70	122	99	97	99
16	---	---	---	---	---	---	107	68	120	99	101	100
17	---	---	---	---	---	---	107	62	119	98	105	100
18	---	---	---	---	---	---	108	61	121	104	102	99
19	---	---	---	---	---	---	108	60	122	107	93	99
20	---	---	---	---	---	---	108	61	123	106	92	99
21	---	---	---	---	---	---	107	59	122	106	97	100
22	---	---	---	---	---	---	106	51	122	107	101	100
23	---	---	---	---	---	---	105	51	115	107	100	100
24	---	---	---	---	---	27e	105	62	107	107	99	100
25	---	---	---	---	---	45	105	70	107	95	99	100
26	---	---	---	---	---	47	105	73	107	96	98	101
27	---	---	---	---	---	47	105	73	107	95	99	100
28	---	---	---	---	---	47	104	73	107	84	98	101
29	---	---	---	---	---	51	104	77	107	88	99	100
30	---	---	---	---	---	57	101	79	107	93	99	102
31	---	---	---	---	---	63	---	76	---	94	99	---
Total	1189	0	0	0	0	384	2776	2293	3304	3136	3020	2970
Mean	79.2	---	---	---	---	47.9	92.5	74	110.2	101.1	97.5	99
Max	83	---	---	---	---	63	108	96	125	114	105	102
Min	28	---	---	---	---	27	65	51	85	84	92	90
AC-Ft	2358	0.00	0.00	0.00	0.00	762	5506	4548	6553	6220	5990	5891
CAL YEAR 2002	TOTAL	20661.70	MEAN	96.6	MAX	136	MIN	4.9	AC-FT	40980		
WTR YEAR 2003	TOTAL	19072.00	MEAN	92.6	MAX	125	MIN	27	AC-FT	37830		

e Estimate

13171620 SNAKE RIVER BELOW CJ STRIKE DAM NEAR GRAND VIEW, ID

LOCATION.-Lat 42°56'50", long 115°58'49", in SW¼SE¼NE¼ sec. 33, T. 05S., R. 04E., Owyhee County, Hydrologic Unit 17050103, on downstream left bank end of bridge about 0.25 mi below dam, 10 mi northwest of Bruneau, 6.5 mi southeast of Grand View, and at mile 493.8.

DRAINAGE AREA.-40,800 mi², approximately.

PERIOD OF RECORD.-April 1985 to April 2001 operated by USGS. April 2001 to current year operated by Idaho Power Co.

GAGE.-Water-stage recorder. Elevation of gage is 2,350 above sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records fair. Station equipment includes radio telemetry.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 44,000 ft³/s June 20, 21, 1997, gage height 14.88 ft; minimum, 2,000 ft³/s Mar. 4, 1988, gage height, 3.28 ft; minimum daily, 3,880 ft³/s June 12, 1992.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 7,810 Oct. 20; minimum daily, 4,150 ft³/s June 10.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6920	7100	6840	6380	7330	6470	6200	6300	6190	4420	4400	5900
2	6840	6090	7420	7240	6830	6710	6690	6240	6120	4550	4370	6250
3	5850	6780	7100	6830	7480	6450	6200	6270	5830	4370	4400	5930
4	6840	6330	6880	6840	6490	6780	6190	6190	5460	4440	4650	5850
5	7600	7120	7130	6550	6950	6960	6140	6480	5870	4640	5080	6150
6	6320	6850	6900	6640	6550	6300	6080	6790	5360	4700	4830	6170
7	6920	6660	6470	6790	6610	6850	6060	6600	5600	4510	5260	5800
8	6990	6480	6760	7100	7060	6320	6370	6520	5480	4360	4750	5850
9	7090	7340	6560	6750	6240	6390	5940	6390	4320	4330	4700	5970
10	6590	7260	6580	6240	6340	6480	5850	6730	4150	4450	4460	5530
11	6660	6690	7030	6530	6680	6610	6050	7550	4560	4310	4690	5630
12	7040	7590	6800	6840	7010	6230	6030	6930	4650	4300	5040	6040
13	6790	6680	6950	7260	6660	6850	5780	7070	4780	4320	4700	5920
14	7170	6730	7090	6310	6200	6560	5690	6550	4630	4350	4800	5820
15	6950	7480	6620	6980	7150	6550	5630	5830	4630	4420	4820	5860
16	7160	6680	6860	6910	6880	6470	6330	5780	4600	4470	4810	5480
17	6960	6550	6190	6930	6770	6710	6140	6120	4620	4460	4840	6200
18	7240	7120	7200	6680	6820	6750	5850	6050	4600	4470	4940	6010
19	7330	6790	6750	6430	7360	6880	6590	6130	4440	4430	4970	5490
20	7810	6550	6570	6710	6490	6480	6610	6170	4780	4450	4910	6110
21	7160	7530	6730	6890	6450	6760	7180	6270	4790	4460	4970	6010
22	7270	6880	6340	6800	6640	6500	6970	6280	4660	4740	5190	6060
23	6720	6900	7360	6620	6860	6330	6800	6150	4580	4520	5610	5840
24	7120	6830	7050	6570	6870	6170	6840	5910	4790	4450	6310	5980
25	7420	7020	6460	6540	6570	6520	7150	6030	4730	4380	6350	5360
26	7710	7180	6870	7050	6490	6920	6530	6130	4760	5000	5720	5940
27	6610	6400	7100	6840	7020	6670	6790	6940	4740	4770	5850	5890
28	6640	7700	6590	7180	6600	6340	6830	6940	4540	4460	5650	5940
29	7480	6740	6420	7400	---	6070	6830	6270	4600	4730	5810	6050
30	6890	6700	6880	7180	---	6650	6650	6410	4590	5000	5550	5960
31	7230	---	7780	7080	---	6490	---	6120	---	4910	5910	---
Total	217320	206750	212280	211090	189400	203220	190990	198140	147450	140170	158340	176990
Mean	7011	6892	6847	6809	6764	6555	6366	6393	4915	4522	5109	5901
Max	7810	7700	7780	7400	7480	6960	7180	7550	6190	5000	6350	6250
Min	5850	6090	6190	6240	6200	6070	5630	5780	4150	4300	4370	5360
AC-Ft	431000	410100	421100	418700	375700	403100	378800	393000	292500	278000	314100	351100
CAL YEAR 2002	TOTAL	1811830.00	MEAN	6613	MAX	9050	MIN	4010	AC-FT	3594000		
WTR YEAR 2003	TOTAL	2252140.00	MEAN	6170	MAX	7810	MIN	4150	AC-FT	4467000		

13172500 SNAKE RIVER NEAR MURPHY, ID

LOCATION.-Lat 43°17'31", long 116°25'12", in NW¼NE¼SE¼ sec. 35, T. 01S., R. 01W., Ada County, Hydrologic Unit 17050103, on right bank, 4.2 mi downstream from Swan Falls power plant, 7.5 mi northeast of Murphy, and at mile 453.5.

DRAINAGE AREA.-41,900 mi², approximately.

PERIOD OF RECORD.-August to October 1912, August 1913 to April 2001 operated by USGS. April 2001 to current year operated by Idaho Power Co.

REVISED RECORDS.-WSP 1737: 1933 (M).

GAGE.-Water-stage recorder. Datum of gage is 2,271.17 ft above sea level. Prior to Sept. 7, 1914, non-recording gage, and Sept. 7, 1914 to Sept. 30, 1935, water-stage recorder at site 3.5 mi upstream at datum 9.79 ft higher.

REMARKS.-No estimated daily discharges. Records good. Station equipment includes satellite and radio telemetry. Diurnal fluctuation caused by hydroelectric plants upstream.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 47,300 ft³/s June 22, 1918, gage height, 13.95 ft, site and datum then in use; minimum, 3,650 ft³/s July 7, 1981, gage height 2.22 ft.

EXTREMES FOR CURRENT YEAR.-Maximum discharge 9,170 ft³/s, Nov. 12, gage height, 4.31 ft; minimum 3,950 ft³/s July 13, gage height 2.43 ft.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6850	7030	6920	7110	7330	6410	6180	5920	5940	4720	4650	5900
2	7330	7050	7220	6920	6820	7050	6380	5920	6220	4510	4470	6210
3	6070	6170	7430	6970	6790	6870	6500	5830	6180	4640	4490	5940
4	6550	7070	7190	6810	7140	6480	6170	5840	5680	4480	4670	5790
5	7480	6470	7150	6580	6700	7040	5950	6320	5640	4600	4890	5920
6	6960	7300	7060	6710	6740	6740	6030	6260	5840	4590	5110	6070
7	6860	7010	7170	6560	6290	6750	6020	6460	5620	4620	4950	6010
8	7140	6980	6600	7120	6880	7140	5950	6510	5600	4410	5220	5740
9	6870	6780	6890	7050	6730	6250	5960	6520	4930	4290	4940	6030
10	6800	7310	6670	6310	6480	6740	5780	6510	4310	4290	4880	5880
11	6540	7250	6950	6080	6370	6650	5740	6950	4450	4270	4680	6040
12	6930	7560	6860	6790	6750	6760	5750	7460	4830	4160	4930	6260
13	7090	7130	7170	7100	6950	6830	5660	6900	4700	4190	4960	6340
14	6540	6830	7260	6550	6690	6440	5170	7090	4810	4190	5100	6530
15	7350	7020	6810	6590	6720	6900	5440	6160	4780	4260	4820	6610
16	6870	7280	7110	6980	7100	6690	5640	5610	4720	4320	5030	6520
17	7140	6900	6630	6730	6670	7180	5670	5820	4710	4300	4910	6620
18	6460	7010	6520	6670	7080	6200	5650	6180	4800	4310	5130	6720
19	7730	7220	7320	6460	7190	7050	5650	6220	4630	4280	5170	6720
20	7140	7030	6640	6600	7930	6790	5910	6230	4790	4280	4910	6410
21	7270	7080	6670	6730	6370	6660	6290	6270	4990	4250	5260	7020
22	7390	7370	6740	6750	5850	6910	6120	6310	4920	4270	5430	6610
23	7000	7020	6750	6730	6900	6500	6460	6380	4810	4520	5790	7050
24	7170	6890	7240	6480	6910	6450	6020	6080	4970	4340	6050	6310
25	7110	7210	7170	6470	6730	6500	6380	5830	4820	4430	6170	6390
26	7570	7190	6660	6710	6710	6800	5990	6160	4870	4620	5960	6290
27	7480	7230	6940	7200	6870	6890	6040	6560	4960	4930	5880	6510
28	6420	6840	7000	6880	6740	6960	6260	6700	4890	4610	5810	6440
29	6930	7550	6510	7330	---	6240	6330	6750	4760	4530	5590	6480
30	7590	6920	6600	7150	---	6090	6530	6030	4730	4800	5800	6620
31	7150	---	7560	7070	---	6780	---	6590	---	4840	5620	---
Total	217780	211700	215410	210190	190430	207740	179620	196370	151900	137850	161270	189980
Mean	7024	7057	6949	6781	6801	6703	5986	6334	5063	4447	5203	6332
Max	7730	7560	7560	7330	7930	7180	6530	7460	6220	4930	6170	7050
Min	6070	6170	6510	6080	5850	6090	5170	5610	4310	4160	4470	5740
AC-Ft	432000	419900	427300	416900	377700	412000	356300	389500	301300	273400	319900	376800

CA1 YEAR 2002 TOTAL 2049390.00 MEAN 6654 MAX 9310 MIN 4610 AC-FT 4065000
WTR YEAR 2003 TOTAL 2270240.00 MEAN 6220 MAX 7930 MIN 4160 AC-FT 4503000

13203000 NEW YORK CANAL NEAR BOISE, ID

LOCATION.-Lat 43°32'23", long 116°05'37", in NW¼NW¼SW¼ sec. 33, T. 03N, R. 03E, Ada County, Hydrologic Unit 17050114, on right bank 1.4 miles downstream from Diversion Dam, and 0.7 miles southeast of Barber Park.

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

GAGE.-Water-stage recorder. Station equipment includes satellite telemetry. Datum of gage is 2,820 feet above sea level, from topographic map.

REMARKS.-Records good, except for estimated daily discharges which are fair.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 2,430 ft³/s, July 6-8, 10, 12-14; no flow for long periods.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1320	0.00	0.00	0.00	0.00	366	1040	2040	2350	2410	2320	2050
2	1320	0.00	0.00	0.00	0.00	364	1020	2030	2350	2410	2310	2050
3	1320	0.00	0.00	0.00	150e	402	1000	2030	2350	2420	2310	2050
4	1320	0.00	0.00	0.00	360e	433	995	2030	2350	2420	2300	2050
5	1320	0.00	0.00	0.00	360e	435	997	2030	2350	2420	2300	2060
6	1320	0.00	0.00	0.00	360e	435	1000	2030	2350	2430	2290	2060
7	500e	0.00	0.00	0.00	360e	150e	999	2030	2350	2430	2280	2060
8	0.00	0.00	0.00	0.00	360e	0.00	994	2020	2350	2430	2270	2060
9	0.00	0.00	0.00	0.00	360e	0.00	995	2000	2380	2420	2270	2060
10	0.00	0.00	0.00	0.00	360e	0.00	1000	1960	2390	2430	2270	2050
11	0.00	0.00	0.00	0.00	360e	0.00	1010	1960	2390	2420	2270	1980
12	0.00	0.00	0.00	0.00	360e	0.00	1010	1950	2390	2430	2270	1950
13	0.00	0.00	0.00	0.00	360e	0.00	1010	1950	2390	2430	2270	1950
14	0.00	0.00	0.00	0.00	361	0.00	1220	1950	2390	2430	2270	1950
15	0.00	0.00	0.00	0.00	361	0.00	1390	1950	2390	2420	2260	1940
16	0.00	0.00	0.00	0.00	360	0.00	1420	1960	2390	2420	2270	1890
17	0.00	0.00	0.00	0.00	361	0.00	1490	1960	2400	2410	2270	1850
18	0.00	0.00	0.00	0.00	363	0.00	1530	1960	2400	2410	2270	1850
19	0.00	0.00	0.00	0.00	363	0.00	1530	1960	2400	2400	2270	1850
20	0.00	0.00	0.00	0.00	364	0.00	1530	1960	2400	2400	2270	1850
21	0.00	0.00	0.00	0.00	364	0.00	1540	1970	2400	2390	2270	1850
22	0.00	0.00	0.00	0.00	365	150e	1550	1970	2400	2380	2270	1790
23	0.00	0.00	0.00	0.00	365	449	1600	2040	2400	2380	2260	1750
24	0.00	0.00	0.00	0.00	365	436	1750	2080	2400	2380	2270	1750
25	0.00	0.00	0.00	0.00	365	523	1960	2080	2410	2370	2260	1740
26	0.00	0.00	0.00	0.00	365	669	2030	2090	2410	2360	2260	1750
27	0.00	0.00	0.00	0.00	365	914	2030	2160	2410	2350	2260	1750
28	0.00	0.00	0.00	0.00	365	1030	2030	2290	2410	2340	2200	1740
29	0.00	0.00	0.00	0.00	---	1030	2030	2340	2410	2330	2090	1750
30	0.00	0.00	0.00	0.00	---	1020	2030	2340	2410	2330	2050	1740
31	0.00	---	0.00	0.00	---	1020	---	2340	---	2320	2050	---
Total	8420	0	0	0	9202	9826	41730	63460	71570	74320	69850	57220
Mean	271.3	0.000	0.000	0.000	328.6	316.7	1391	2047	2386	2398	2252	1908
Max	1320	0.00	0.00	0.00	365	1030	2030	2340	2410	2430	2320	2060
Min	0.00	0.00	0.00	0.00	0.00	0.00	994	1950	2350	2320	2050	1740
AC-Ft	16700	0.00	0.00	0.00	18250	19490	82770	125900	142000	147400	138500	113500
Cal YEAR 2002	TOTAL	413026.00	MEAN	1132	MAX	2380	MIN	0.000	AC-FT	819200		
WTR YEAR 2003	TOTAL	405598.00	MEAN	1111	MAX	2430	MIN	0.000	AC-FT	804500		

e Estimate

13207500 OWYHEE RIVER NEAR NYSSA, OR

LOCATION.-Lat 43°47'04", long 117°03'17", in SE¼NE¼SE¼ sec. 35, T. 05N, R. 47E, Hydrologic Unit 17050115, 100 feet upstream from Hwy 201 crossing, approx. 7.0 miles southwest of Nyssa.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-April 1999 to current year.

GAGE.-Water-stage recorder. Elevation of gage is 2,190 feet above sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records fair. Flow regulated by reservoirs on the Owyhee River system. Numerous diversions upstream for irrigation and stock water.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 110 ft³/s April 21; minimum daily recorded, 17.0 ft/s May 21.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83	51	52	54	56	46	45	24	22	---	28	---
2	79	50	52	54	54	47	44	25	---	---	30	---
3	81	50	52	53	54	47	44	25	---	---	34	---
4	87	50	51	54	53	47	43	30	---	---	35	---
5	87	49	52	52	52	47	41	28	---	---	33	---
6	88	50	52	52	52	47	40	28	---	---	33	---
7	88	52	51	52	50	47	40	25	---	---	32	---
8	88	52	51	52	50	46	39	24	---	---	30	---
9	90	51	52	52	50	46	39	22	---	---	29	---
10	91	52	52	51	49	47	38	22	---	---	27	---
11	88	51	52	51	49	47	39	23	---	---	24	---
12	62	52	54	52	49	47	37	24	---	---	26	---
13	35	52	54	53	50	47	37	21	---	---	25	---
14	37	52	55	55	51	47	37	19	---	---	24	---
15	47	52	54	55	52	48	34	20	---	---	24	---
16	61	52	53	54	52	49	33	20	---	---	24	---
17	60	51	52	56	51	49	36	19	---	---	---	---
18	58	51	52	52	51	48	35	19	---	22	---	---
19	56	51	52	53	51	47	33	18	---	22	---	---
20	57	52	51	53	50	47	43	18	---	22	---	---
21	54	52	51	53	50	45	110	17	---	24	---	---
22	55	52	51	53	51	48	34	18	---	26	---	---
23	55	52	52	54	49	48	25	19	---	28	---	---
24	55	51	52	54	48	47	22	20	---	28	---	---
25	54	50	51	56	47	47	22	20	---	26	---	---
26	54	51	52	56	47	48	25	20	---	27	---	---
27	54	51	53	57	46	47	24	20	---	29	---	---
28	53	51	53	57	46	46	24	22	---	31	---	---
29	53	51	52	57	---	45	24	21	---	27	---	---
30	55	51	54	56	---	44	23	25	---	27	---	---
31	52	---	58	56	---	43	---	25	---	27	---	---
Total	2017	1535	1625	1669	1410	1451	1110	681	22	366	458	0
Mean	65.1	51.2	52.5	53.8	50.4	46.8	37.1	22	22.3	26.1	28.6	---
Max	91	52	58	57	56	49	110	30	22	31	35	---
Min	35	49	51	51	46	43	22	17	22	22	24	---
AC-Ft	4001	3045	3223	3310	2797	2878	2202	1351	44	726	908	0.00
CA1 YEAR 2002	TOTAL	25941.00	MEAN	71.1	MAX	294	MIN	35	AC-FT	51450		
WTR YEAR 2003	TOTAL	12344.00	MEAN	45.1	MAX	110	MIN	17	AC-FT	24480		

13210050 BOISE RIVER NEAR MIDDLETON, ID

LOCATION.-Lat 43°40'59", long 116°34'12", in NW¼SW¼ sec. 15, T. 04N, R. 02W, Canyon County, Hydrologic Unit 17050114 on the left bank 3.0 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 maintained by Idaho Power Co. March 1998 to current year.

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

REMARKS.-No estimated daily discharges. Records good. Flow of river is affected by regulation of Lucky Peak reservoir and other upstream reservoirs. Diversions and return flows above the station for irrigation. Gage datum lowered 1.50 feet on October 1, 2000.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 751 ft³/s August 23; minimum daily, 199 ft³/s Jan. 16.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	321	337	316	399	367	326	285	377	287	528	639	294
2	292	325	320	355	401	323	260	352	281	540	654	318
3	290	321	322	341	354	325	274	361	264	558	677	283
4	320	324	321	331	319	275	258	462	246	567	669	275
5	326	330	322	327	329	265	256	470	238	578	668	290
6	335	330	317	324	332	266	253	445	238	599	687	270
7	377	324	315	326	334	287	295	417	238	600	679	294
8	419	347	309	319	325	441	417	404	242	586	672	310
9	360	371	310	314	329	271	521	397	226	606	638	362
10	309	388	311	310	334	304	511	373	337	616	648	351
11	248	352	316	310	336	316	570	404	748	616	659	358
12	232	338	321	305	346	306	601	407	687	588	652	316
13	256	328	312	318	360	305	568	346	455	583	617	316
14	255	331	332	327	394	306	576	312	439	569	607	327
15	268	327	306	330	359	316	646	284	442	559	619	327
16	199	337	305	314	360	343	644	258	438	575	624	314
17	247	327	314	317	354	320	585	322	434	564	604	319
18	251	333	307	318	349	323	622	307	493	589	625	333
19	275	339	302	315	349	317	573	303	542	612	643	332
20	271	328	296	319	341	310	464	290	563	619	661	313
21	270	323	305	323	337	308	404	278	574	625	659	315
22	291	323	314	319	338	341	320	270	592	624	706	310
23	336	322	304	324	343	286	366	280	608	642	751	307
24	330	322	299	312	340	296	380	253	580	627	701	314
25	330	318	294	326	334	272	338	246	571	656	705	304
26	341	321	295	314	332	333	329	253	574	695	596	283
27	330	316	318	369	331	341	334	253	559	742	503	292
28	320	313	301	421	327	314	347	255	543	748	364	298
29	336	310	319	356	---	309	291	234	548	693	294	308
30	327	314	337	368	---	301	321	283	563	672	312	317
31	323	---	519	380	---	302	---	300	---	682	306	---
Total	9385	9919	9879	10331	9654	9648	12609	10196	13550	19058	18839	9350
Mean	302.8	330.6	318.7	333.2	344.9	311.3	420.2	328.8	451.6	614.9	607.7	311.6
Max	419	388	519	421	401	441	646	470	748	748	751	362
Min	199	310	294	305	319	265	253	234	226	528	294	270
AC-Ft	18610	19670	19590	20490	19150	19140	25010	20220	26880	37800	37370	18550
CA1 YEAR 2002	TOTAL	132561.00	MEAN	363.2	MAX	1140	MIN	127	AC-FT	262900		
WTR YEAR 2003	TOTAL	142418.00	MEAN	390.2	MAX	751	MIN	199	AC-FT	282500		

13233990 MALHEUR RIVER AT 36th STREET BRIDGE AT ONTARIO, OR

LOCATION.-Lat 44°02'25", long 117°01'12", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 17S, R. 47E, Hydrologic Unit 17050115, on right bank of 36th street bridge and approx. 1334 ft. east and 300 ft. north of SW corner of section 31.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-December 1999 to September 30, 2003, operated by Oregon Water Resources Department (OWRD).

GAGE.-Water-stage recorder. Elevation of gage is 2,150 ft. above mean sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records fair. Stage record provided by US Bureau of Reclamation. Computations provided by OWRD.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 396 ft³/s July 28; minimum daily, 46 ft³/s, April 22.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	171	205	100	109	101	90	72	122	308	115	67	81
2	176	188	99	102	100	88	72	107	267	115	62	77
3	176	154	96	100	101	88	70	75	232	109	87	66
4	190	149	95	99	100	87	70	81	189	141	112	65
5	192	154	94	97	97	87	72	96	149	164	122	70
6	182	143	96	97	94	87	73	111	126	158	108	81
7	187	141	95	96	96	86	75	114	103	157	96	79
8	184	140	95	96	96	84	72	113	111	142	98	83
9	195	136	96	96	96	85	72	120	118	111	92	92
10	200	136	95	98	95	86	80	106	98	105	91	95
11	205	128	93	97	95	85	75	113	77	113	103	102
12	209	127	96	99	95	85	69	120	63	103	91	99
13	172	127	95	100	96	84	68	124	66	97	75	110
14	167	123	103	101	101	83	69	122	79	128	71	103
15	157	119	101	102	99	83	66	107	78	112	78	115
16	138	119	97	102	98	91	63	110	87	95	69	106
17	120	117	94	103	97	86	62	95	65	86	70	94
18	112	116	92	103	94	81	62	120	65	95	73	97
19	100	115	93	103	93	80	54	169	82	92	61	95
20	99	114	92	103	92	80	54	181	148	91	66	104
21	105	113	97	104	92	81	52	151	161	85	60	110
22	105	111	96	103	92	82	46	118	140	57	66	118
23	103	109	94	103	92	81	87	124	170	56	90	110
24	105	109	95	102	90	78	58	129	159	69	93	111
25	103	106	94	102	91	78	76	128	137	71	95	93
26	112	103	95	103	91	61	86	158	135	68	76	93
27	110	102	99	102	90	71	70	175	114	207	70	107
28	114	102	100	103	89	72	85	150	114	396	62	113
29	116	102	98	102	---	72	183	138	124	178	60	116
30	116	100	103	101	---	72	135	170	125	140	61	105
31	133	---	117	101	---	71	---	247	---	96	69	---
Total	4554	3808	3005	3129	2663	2525	2248	3994	3890	3752	2494	2890
Mean	146.9	126.9	96.9	100.9	95.1	81.5	74.9	128.8	129.7	121	80.5	96.3
Max	209	205	117	109	101	91	183	247	308	396	122	118
Min	99	100	92	96	89	61	46	75	63	56	60	65
AC-Ft	9033	7553	5960	6206	5282	5008	4459	7922	7716	7442	4947	5732
CAL YEAR 2002	TOTAL	11367.00	MEAN	123.6	MAX	209	MIN	92	AC-FT	22550		
WTR YEAR 2003	TOTAL	38952.00	MEAN	106.7	MAX	396	MIN	46	AC-FT	77260		

13245000 NORTH FORK PAYETTE RIVER AT CASCADE, ID

LOCATION.-Lat 44°31'30", long 116°02'45" in SW¼NW¼NW¼ sec. 25, T. 14N., R. 03E., Valley County, Hydrologic Unit 17050123, 0.2 mi downstream from Cascade Dam, and at mile 40.0.

DRAINAGE AREA.-620 mi². Mean elevation, 5,960 ft.

PERIOD OF RECORD.-May 1941 to April 2001 operated by USGS. April 2001 to current year operated by Idaho Power Co.

GAGE.-Water-stage recorder. Datum of gage is 4,720.00 ft above sea level. May 1941 to Jan. 28, 1947 (non recording gage), Jan. 29, 1947 to Nov. 5, 1958, Oct. 1, 1965 to Sept. 30, 1982, at site 1.4 mi downstream at datum 4,725.31 ft above sea level; Nov. 6, 1958 to Sept. 30, 1965, at site 0.1 mi upstream at datum 4,734.59 ft above sea level.

REMARKS.-No estimated daily discharges. Records fair. Station equipment includes satellite telemetry. Flow regulated by Cascade Reservoir 0.2 mi upstream.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 7,320 ft³/s May 10, 1947, gage height, 6.29 ft, site and datum then in use; no flow for part of Oct. 14, 1971, site and datum then in use.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 3,560 ft³/s June 10; minimum daily, 184 ft³/s October 15, March 15.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	748	207	203	218	262	210	201	802	2190	1910	2010	1490
2	745	210	204	221	258	210	203	794	1790	1900	2010	1480
3	743	205	205	220	256	211	190	796	1790	1890	2000	1480
4	744	216	205	217	261	207	188	800	2030	1880	2010	1480
5	738	221	205	220	255	202	474	1000	2440	1880	2000	1510
6	731	221	206	226	246	204	954	1890	2910	1870	2090	1530
7	716	222	208	227	260	207	1080	2170	3480	1870	2210	1530
8	686	224	208	227	267	214	1070	2170	3550	1860	2220	1470
9	690	224	208	229	266	214	1070	2170	3550	1820	2210	1440
10	687	225	209	227	234	214	1020	2170	3560	1790	2210	1400
11	686	223	206	227	208	214	942	2170	3530	1780	2200	1310
12	684	224	206	229	213	222	943	2180	3490	1770	2210	1240
13	651	227	209	228	216	231	944	2180	3290	1780	2110	1190
14	410	233	207	232	212	212	945	2170	2930	1770	1800	1160
15	184	233	211	234	211	184	945	2170	2930	1760	1810	1170
16	185	234	210	235	216	185	956	1870	2740	1750	1810	1150
17	189	231	208	236	214	202	985	1470	2570	1740	1820	1150
18	197	231	211	236	209	210	1010	1470	2570	1740	1820	1160
19	198	231	209	243	212	211	1010	1470	2560	1740	1710	1100
20	197	231	212	243	222	211	1010	1480	2550	1730	1480	1060
21	203	231	213	243	233	212	1010	1330	2410	1730	1500	1070
22	207	232	211	245	227	217	1010	1180	2100	1730	1500	1080
23	210	233	207	307	226	219	1010	1500	2010	1710	1510	1080
24	208	212	206	244	211	224	1000	1810	1940	1710	1490	1070
25	203	194	203	247	209	192	1010	1810	1940	1710	1490	1030
26	207	198	214	248	217	203	1020	1810	1930	1700	1490	952
27	208	196	222	252	216	200	1020	1820	1930	1700	1490	941
28	207	195	220	251	212	198	1010	1790	1920	1670	1510	943
29	207	195	220	251	---	198	844	1780	1920	1650	1510	987
30	207	200	220	254	---	198	806	2020	1910	1650	1490	1010
31	208	---	221	261	---	198	---	2200	---	1820	1490	---
Total	13084	6559	6507	7378	6449	6434	25880	52442	76460	55010	56210	36663
Mean	422	218.6	209.9	238	230.3	207.6	862.8	1692	2549	1774	1813	1223
Max	748	234	222	307	267	231	1080	2200	3560	1910	2220	1530
Min	184	194	203	217	208	184	188	794	1790	1650	1480	941
AC-Ft	25950	13010	12910	14630	12790	12760	51330	104000	151700	109100	111500	72720
CA1 YEAR 2002	TOTAL	228784.00	MEAN	628.5	MAX	2010	MIN	170	AC-FT	453800		
WTR YEAR 2003	TOTAL	349076.00	MEAN	956.4	MAX	3560	MIN	184	AC-FT	692400		

13249195 SQUAW CREEK NEAR SWEET, ID

LOCATION.-Lat 43°57'59", long 116°19'51", in SW¼SW¼ sec. 3, T. 07N., R. 01E., Gem County, Hydrologic Unit 17050122, 0.4 mi south of Sweet, and at mile 3.8.

DRAINAGE AREA.-305 mi², approximately.

PERIOD OF RECORD.-November 1997 to current year.

GAGE.-Water-stage recorder. Datum of gage is 2,510 feet above mean sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records good. Station equipment includes satellite telemetry.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,010 ft³/s May 31; minimum daily, 5.7 ft³/s Oct. 14.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	13	28	150	687	129	430	309	708	78	16	11
2	15	8	24	95	539	119	508	274	635	70	17	11
3	11	6.5	20	88	385	127	438	294	605	63	15	11
4	13	6.2	23	115	313	121	393	723	567	54	16	10
5	9.3	20	27	179	233	115	372	751	557	52	17	12
6	6.7	19	25	115	200	113	367	564	553	48	16	12
7	6	27	17	80	167	117	362	494	569	46	13	12
8	6	30	20	68	165	118	320	445	549	42	13	11
9	8.7	45	18	59	145	112	304	415	557	36	13	14
10	8	45	18	65	144	122	306	389	511	32	12	18
11	6.3	36	27	62	132	129	321	413	486	30	12	19
12	7.2	30	30	59	124	151	352	547	424	26	11	19
13	7.1	30	30	143	135	188	394	701	426	23	10	18
14	5.7	31	42	347	231	192	409	549	416	21	9.1	19
15	6.7	30	57	456	197	232	367	549	392	17	8.7	18
16	7.9	28	56	205	379	358	326	555	374	21	9.6	19
17	11	28	60	150	389	286	308	497	355	20	11	17
18	11	28	40	129	275	235	306	434	326	21	12	18
19	7.1	26	28	112	242	208	272	389	288	20	12	19
20	8.8	28	28	101	223	203	260	374	260	19	11	20
21	10	28	35	96	201	191	262	374	232	18	11	16
22	9.5	29	33	95	194	227	287	403	179	18	12	16
23	12	31	29	135	184	1000	304	477	176	16	16	14
24	12	31	24	142	154	551	299	586	151	16	18	14
25	7.5	30	26	170	143	490	398	694	140	20	17	13
26	11	21	23	214	140	951	355	666	130	22	13	12
27	14	16	32	1040	145	624	309	622	121	29	13	11
28	15	21	56	685	134	465	276	672	113	26	14	11
29	16	25	115	378	---	409	262	844	99	24	13	11
30	19	25	89	593	---	365	270	921	88	22	13	11
31	17	---	163	833	---	347	---	1010	---	19	12	---
Total	322.5	771.7	1243	7159	6600	8995	10137	16935	10987	969	406.4	437
Mean	10.4	25.7	40.2	231	235.7	290.3	337.8	546.1	366.2	31.4	13.1	14.5
Max	19	45	163	1040	687	1000	508	1010	708	78	18	20
Min	5.7	6.2	17	59	124	112	260	274	88	16	8.7	10
AC-Ft	640	1531	2465	14200	13090	17840	20110	33590	21790	1922	806	867
CA1 YEAR 2002	TOTAL	62820.20	MEAN	172.1	MAX	1290	MIN	5.7	AC-FT	124600		
WTR YEAR 2003	TOTAL	64962.60	MEAN	178	MAX	1040	MIN	5.7	AC-FT	128900		

13275000 BURNT RIVER AT HUNTINGTON, OR

LOCATION.-Lat 44°21'30", long 117°16'20", in NE^h sec. 13, T. 14S., R. 44E., Baker County, Hydrologic Unit 17050202, on right bank 0.5 mi northwest of Huntington and at mile 2.9.

DRAINAGE AREA.-Approximately 1,093 mi².

PERIOD OF RECORD.-September 1928 to September 1932, October 1956 to September 1959, June 1962 to September 1980 operated by USGS. October 1980 to present operated by Oregon Water Resources Department during the irrigation season. Idaho Power Company maintains the periods during non-irrigation season beginning with the 2000 water year.

GAGE.-Water-stage recorder. Datum of gage is 2,104.75 ft above sea level. Sept. 13, 1928 to Sept. 30, 1932, non-recording gage at site 200 ft upstream at different datum. Oct. 1, 1956 to Sept. 30, 1959 water-stage recorder. Oct. 1, 1959 to Aug. 20, 1962 crest-stage gage.

REMARKS.-No estimated daily discharges. Records good. Oregon Water Resources discharge data October 1-7, and March 20 to September 30. Flow regulated by Unity Reservoir. Diversions for irrigation above station.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 255 ft³/s April 17; minimum daily, 21.0 ft³/s Aug. 12.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	70	39	34	57	75	50	79	174	41	37	29	42
2	67	36	32	53	77	47	80	164	39	50	28	41
3	69	39	32	54	72	49	84	168	37	51	29	34
4	62	40	36	53	68	48	83	180	39	50	29	31
5	61	44	38	53	62	48	107	178	38	50	29	30
6	57	46	37	52	56	49	116	183	40	47	27	30
7	55	49	36	45	44	48	113	177	38	43	28	32
8	71	59	36	40	45	48	111	165	42	45	30	34
9	66	60	37	39	49	50	139	134	48	57	24	35
10	60	58	36	48	52	50	143	117	44	62	23	38
11	56	57	39	50	51	50	137	102	44	48	22	37
12	52	57	40	51	51	49	138	109	53	44	21	35
13	50	56	43	52	57	50	175	153	56	36	23	37
14	47	56	53	57	58	51	197	145	66	30	22	35
15	68	55	58	57	57	55	236	116	72	29	23	36
16	77	52	56	55	59	66	250	96	69	25	27	41
17	73	51	56	53	61	63	255	87	61	23	26	41
18	68	49	52	51	59	61	244	80	61	22	27	42
19	67	50	46	51	58	57	215	74	66	28	30	48
20	67	49	43	51	57	56	192	59	74	26	28	47
21	68	50	47	49	55	56	169	44	75	28	30	49
22	67	48	46	49	56	58	161	38	72	28	36	52
23	64	48	43	51	54	60	161	36	61	24	45	54
24	58	47	37	50	49	59	220	34	58	24	46	51
25	57	44	43	53	44	59	225	43	51	27	45	51
26	56	40	44	56	44	64	249	49	51	30	43	50
27	55	36	45	61	48	65	252	43	52	48	41	49
28	55	35	52	60	48	68	232	43	32	45	42	42
29	54	35	59	58	---	69	218	38	33	38	46	41
30	51	34	58	59	---	70	192	39	36	33	47	40
31	46	---	61	65	---	71	---	45	---	34	46	---
Total	1894	1419	1375	1633	1566	1744	5173	3113	1549	1162	992	1225
Mean	61.1	47.3	44.3	52.7	55.9	56.3	172.4	100.4	51.6	37.5	32	40.8
Max	77	60	61	65	77	71	255	183	75	62	47	54
Min	46	34	32	39	44	47	79	34	32	22	21	30
AC-Ft	3757	2815	2727	3239	3106	3459	10260	6175	3072	2305	1968	2430
CAL YEAR 2002	TOTAL	33262.00	MAN	91.6	MAX	959	MIN	12	AC-FT	65970		
WTR YEAR 2003	TOTAL	22845.00	MAN	62.6	MAX	255	MIN	21	AC-FT	45310		

13286700 POWDER RIVER NEAR RICHLAND, OR

LOCATION.-Lat 44°46'40", long 117°17'30", in NE¼SW¼SE¼ sec. 14, T. 09S, R. 44E, Baker County, Hydrologic Unit 17050203, on left bank 0.4 miles upstream from Timber Canyon and approx. 6 mi west of Richland, at mile 20.3.

DRAINAGE AREA.-1,310 mi², approximately.

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

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

REMARKS.-Records good except for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 949 ft³/s June 1; minimum daily, 9.9 ft³/s Aug. 22.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	27	25e	43	140	127	210	132	949	42	14	21
2	15	29	30e	45	116	127	225	107	847	42	13	21
3	16	36	30e	46	102	122	221	101	662	37	16	21
4	17	41	30e	44	93	125	192	114	500	39	16	15
5	19	50	30e	43	84	123	178	113	379	40	18	14
6	17	44	30e	40	77	120	164	111	296	38	24	14
7	21	27	30e	40e	94	122	155	105	252	35	17	16
8	21	26	30e	45e	89	125	144	94	241	32	16	13
9	24	27	30e	50e	89	129	137	84	284	30	15	11
10	23	27	30e	55e	133	133	133	80	255	31	15	14
11	24	25	35	54	140	133	138	64	211	30	13	14
12	25	24	35	40	146	132	116	59	163	26	14	13
13	24	24	35	44	150	141	157	60	106	27	13	11
14	26	24	36	54	178	165	186	77	83	32	14	13
15	25	24	37	55	213	203	183	92	68	30	12	13
16	27	24	38	50	210	294	165	94	58	28	12	13
17	26	24	35	46	221	299	151	88	57	33	12	16
18	21	24	33	43	207	252	140	84	55	24	20	15
19	19	25	30e	42	190	212	138	73	48	21	29	17
20	18	25	33	43	170	197	124	67	54	19	18	14
21	19	26	32	41	161	197	123	50	56	26	12	14
22	19	26	33	41	164	196	136	45	55	26	9.9	14
23	19	26	31	43	168	222	158	39	52	22	13	13
24	18	26	30	45	153	226	158	41	50	22	15	13
25	18	26	29	46	132	227	174	49	53	23	21	12
26	19	25e	31	60	128	240	195	54	50	24	20	12
27	19	25e	31	82	130	233	196	265	45	24	18	13
28	19	25e	41	78	133	214	176	398	46	24	22	14
29	19	25e	43	72	---	204	156	388	46	22	24	15
30	19	25e	41	83	---	187	143	540	42	17	21	15
31	23	---	41	148	---	182	---	741	---	16	30	---
Total	635	832	1025	1661	4011	5609	4872	4409	6063	882	526.9	434
Mean	20.5	27.7	33.1	53.6	143.3	180.9	162.4	142.2	202.1	28.5	17	14.4
Max	27	50	43	148	221	299	225	741	949	42	30	21
Min	15	24	25	40	77	120	116	39	42	16	9.9	11
AC-Ft	1260	1650	2033	3295	7956	11130	9663	8745	12030	1749	1045	861
CA1 YEAR 2002	TOTAL	39471.00	MEAN	108.1	MAX	1240	MIN	12	AC-FT	78290		
WTR YEAR 2003	TOTAL	30959.90	MEAN	84.8	MAX	949	MIN	9.9	AC-FT	61410		

e Estimate

13288200 EAGLE CREEK ABOVE SKULL CREEK NEAR NEW BRIDGE, OR

LOCATION.-Lat 44°52'50", long 117°15'10", in SE¼ sec. 07, T. 08S., R. 45E., Baker County, Hydrologic Unit 17050203, Wallowa-Whitman National Forest, on left bank 0.5 mi upstream from Skull Creek, approx. 6.5 mi northwest of New Bridge and at mile 10.5.

DRAINAGE AREA.-156 mi², approximately.

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

GAGE.-Water-stage recorder.

REMARKS.-Records good, except estimated daily discharges, which are fair. An irrigation diversion upstream on West Fork Eagle Creek and a diversion from Crater Lake into Eagle Creek for irrigation supplement.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 3,390 ft³/s, May 30; minimum daily, 65 ft³/s, Oct. 31, Nov. 1, Dec. 7 and 23.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	80	65e	69	85	176	94	265	359	1820	598	118	99
2	78	70e	68	79	154	90	263	358	1560	531	117	98
3	76	75e	68	78	138	94	241	404	1400	482	117	96
4	75	80e	68	77	127	90	226	436	1290	445	115	95
5	74	80e	68	77	113	88	212	404	1270	421	113	95
6	74	80e	67	74	105	91	203	383	1350	405	110	92
7	73	74	65	70e	123	90	191	356	1460	386	116	90
8	72	90	70	75e	133	92	186	334	1520	396	120	95
9	72	78	72	70e	119	92	194	337	1490	367	117	96
10	72	75	70	80e	106	94	216	354	1360	338	115	96
11	71	71	70	84	98	101	268	367	1230	324	114	91
12	71	70	70	75	97	112	321	378	1120	306	113	86
13	71	72	78	77	106	135	366	387	1160	280	111	84
14	71	72	120	88	105	168	345	464	1160	253	109	83
15	71	72	104	83	102	215	317	590	1150	233	108	82
16	70	72	90	78	107	244	306	599	1130	221	107	81
17	70	72	79	76	103	203	287	528	1100	209	106	83
18	69	70	74	74	102	181	274	484	1100	199	105	82
19	68	71	73	74	99	172	265	447	1160	190	104	80
20	68	72	74	73	99	173	277	456	1080	182	103	78
21	69	74	75	72	101	172	325	527	781	174	103	77
22	69	75	72	75	106	231	415	692	635	165	114	76
23	69	74	65	77	102	288	467	1020	574	158	132	75
24	68	72	89	75	91	250	532	1630	550	153	124	75
25	68	67	72	79	80e	238	547	2010	562	147	125	74
26	68	71	79	109	85e	233	487	1880	557	148	108	73
27	68	74	85	151	90e	214	433	1800	616	148	106	73
28	69	70	92	125	93	200	400	2230	650	136	104	71
29	70	70	85	110	---	191	384	2680	651	130	103	71
30	67	70	94	131	---	193	373	3390	642	125	102	76
31	65e	---	91	177	---	214	---	2370	---	121	101	---
Total	2196	2198	2416	2728	3060	5043	9586	28654	32128	8371	3460	2523
Mean	70.8	73.3	77.9	88	109.3	162.7	319.6	923.9	1071	270	111.6	84
Max	80	90	120	177	176	288	547	3390	1820	598	132	99
Min	65	65	65	70	80	88	186	334	550	121	101	71
AC-Ft	4356	4360	4792	5411	6069	10000	19010	56830	63720	16600	6863	5004

CAL YEAR 2002	TOTAL	119404.00	MEAN	327.1	MAX	2200	MIN	65	AC-FT	236800
WTR YEAR 2003	TOTAL	102363.00	MEAN	280.4	MAX	3390	MIN	65	AC-FT	203000

e Estimate

13288300 EAGLE CREEK AT RICHLAND, OR

LOCATION.-Lat 44°45'17", long 117°10'22", in SW⁴NE⁴ sec. 26, T. 09S, R. 45E, Hydrologic Unit 17050203, at county road crossing approximately 1.0 mi south of Richland.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-April 1999 to current year.

GAGE.-Water-stage recorder. Elevation of gage is 2,120 ft. above mean sea level, from topographic map.

REMARKS.-Records fair. Many irrigation diversions upstream for irrigation and stock water.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 3,000 ft³/s, May 30; minimum daily, 2.00 ft³/s, August 7, 8.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.4	35	56	78	214	100	270	301	1480	422	3.5	6
2	8	53	55	76	187	90	278	294	1220	363	3.3	6.2
3	7	57	55	75	160	97	245	344	1060	320	3	6.3
4	7.3	60	57	73	144	91	225	389	1000	288	2.7	7
5	7.5	63	55	75	122	88	204	360	1010	259	2.5	6.6
6	8.3	64	56	70	111	90	194	313	1030	238	2.2	7.6
7	10	61	55	68	105	89	181	263	1120	213	2	7.4
8	9.5	75	55	66	109	90	169	240	1200	213	2	9
9	15	70	53	67	110	91	174	241	1220	189	2.8	9.7
10	18	65	59	79	109	94	189	244	1220	158	3.7	9.6
11	18	60	57	77	103	98	240	253	986	138	4.5	7.1
12	18	59	57	73	98	109	302	284	857	119	3.4	7
13	18	60	61	77	107	134	361	284	909	102	4.4	6.3
14	17	60e	94	95	109	171	332	340	1000	80	4.2	6
15	16	60e	98	91	104	218	282	477	976	64	3.5	5
16	16	60e	79	81	108	280	262	525	980	56	3.8	4.2
17	15	60e	71	76	107	229	238	445	941	47	5.3	3.8
18	16	58e	67	74	104	199	216	404	951	36	4.8	3.6
19	16	58e	66	74	103	186	210	355	1030	25	5.7	3.5
20	15	60e	69	72	102	187	220	351	980	21	5.7	3.5
21	16	62e	69	72	104	181	267	388	685	17	6.8	3.7
22	19	62e	65	73	111	241	355	514	517	15	8.7	4.9
23	20	62e	58	77	107	345	424	777	441	10	26	4.8
24	20	60e	63	76	90	292	485	1360	408	6.3	16	3.3
25	21	55e	66	83	93	268	527	2190	408	8.9	17	3.5
26	20	57	67	132	104	270	464	2100	384	10	11	3.9
27	20	61	70	186	105	240	400	1890	431	9.4	9.4	3.7
28	21	60	87	150	100	209	369	2300	467	9.5	8.7	3.5
29	21	56	84	123	---	199	361	2600e	466	6.4	8.9	3.9
30	22	56	79	159	---	195	330	3000e	457	5.8	9.4	3.9
31	24	---	76	229	---	214	---	2100e	---	4.3	6.8	---
Total	488	1789	2059	2877	3230	5385	8774	25926	25834	3453.6	201.7	164.5
Mean	15.7	59.7	66.5	92.9	115.4	173.7	292.5	836.3	860.8	111.4	6.5	5.5
Max	24	75	98	229	214	345	527	3000	1480	422	26	9.7
Min	7	35	53	66	90	88	169	240	384	4.3	2	3.3
AC-Ft	968	3548	4084	5706	6407	10680	17400	51420	51240	6850	400	326

CAL YEAR 2002 TOTAL 92686.80 MEAN 280.9 MAX 2420 MIN 2.5 AC-FT 183800
WTR YEAR 2003 TOTAL 80181.80 MEAN 219.7 MAX 3000 MIN 2 AC-FT 159000

e Estimate

13289700 BROWNLEE RESERVOIR AT BROWNLEE DAM, IDAHO-OREGON STATE LINE

LOCATION.-Lat 44°50'08", long 116°53'58", in SE¼SE¼ sec. 2, T. 17N., R. 05W., Washington County, Hydrologic Unit 17050201, at Brownlee Dam on Snake River near Idaho end of dam, 10.5 mi east of Halfway and at mile 285.0.

DRAINAGE AREA.-72,590 mi², approximately.

PERIOD OF RECORD.-May 1958 to current year. Published as "at Idaho-Oregon State line" 1958-59.

GAGE.-Water-stage recorder. Datum of gage is sea level (levels by Idaho Power Co.). Prior to Feb. 2, 1959, non-recording gage or levels to water surface at present site and datum.

REMARKS.-Records good. Normal pool elevation, 2,077 ft. Water is used for power generation.

EXTREMES FOR PERIOD OF RECORD.-Maximum contents, 1,454,000 acre-ft Aug. 6, 1962, elevation 2,078.91 ft; minimum since full capacity was attained June 23, 1959, 441,200 acre-ft April 25, 1971, elevation, 1,975.20 ft.

EXTREMES FOR CURRENT YEAR.-Maximum contents, 1,425,000 acre-ft May 30, elevation 2,077.35 ft; minimum, 964,300 acre-ft Oct. 11, elevation 2038.87 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

2030.0	875,500	2060.0	1,194,000
2040.0	973,800	2080.0	1,465,000

STORAGE (ACFT), WATER YEAR 2003

DAILY OBSERVATION AT 2400 HOURS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	988100	1048000	1161000	1296000	1393000	1293000	1355000	1291000	1411000	1404000	1314000	1146000
2	984400	1053000	1164000	1305000	1397000	1291000	1349000	1294000	1404000	1405000	1311000	1137000
3	982800	1055000	1165000	1308000	1398000	1282000	1347000	1303000	1401000	1404000	1312000	1127000
4	977000	1060000	1171000	1316000	1388000	1273000	1345000	1320000	1408000	1403000	1310000	1118000
5	972600	1066000	1179000	1326000	1382000	1266000	1343000	1331000	1409000	1401000	1306000	1104000
6	979400	1071000	1181000	1328000	1372000	1260000	1339000	1340000	1408000	1401000	1296000	1097000
7	979200	1070000	1183000	1333000	1360000	1257000	1338000	1345000	1408000	1401000	1279000	1092000
8	974100	1073000	1187000	1337000	1349000	1249000	1334000	1349000	1412000	1409000	1270000	1083000
9	968400	1077000	1191000	1332000	1350000	1252000	1326000	1353000	1412000	1409000	1259000	1081000
10	963700	1082000	1197000	1331000	1352000	1252000	1322000	1357000	1414000	1405000	1250000	1085000
11	963100	1084000	1200000	1335000	1344000	1246000	1317000	1364000	1412000	1396000	1236000	1078000
12	968700	1093000	1204000	1339000	1338000	1241000	1320000	1359000	1412000	1391000	1232000	1075000
13	972900	1100000	1208000	1343000	1333000	1244000	1331000	1367000	1408000	1392000	1232000	1073000
14	973300	1103000	1213000	1352000	1332000	1249000	1334000	1369000	1409000	1395000	1224000	1073000
15	977600	1106000	1214000	1364000	1335000	1257000	1333000	1374000	1414000	1391000	1216000	1064000
16	980300	1108000	1221000	1364000	1339000	1270000	1329000	1377000	1412000	1388000	1216000	1063000
17	986400	1113000	1226000	1362000	1342000	1270000	1326000	1376000	1406000	1385000	1213000	1058000
18	991300	1114000	1230000	1361000	1340000	1266000	1327000	1380000	1404000	1380000	1202000	1049000
19	994100	1125000	1230000	1363000	1333000	1264000	1328000	1389000	1411000	1378000	1197000	1039000
20	995100	1129000	1235000	1359000	1328000	1269000	1326000	1394000	1410000	1372000	1190000	1032000
21	1005000	1125000	1240000	1355000	1326000	1272000	1317000	1396000	1417000	1363000	1189000	1025000
22	1008000	1131000	1241000	1348000	1318000	1280000	1308000	1394000	1415000	1351000	1188000	1013000
23	1012000	1133000	1245000	1352000	1317000	1295000	1303000	1390000	1406000	1343000	1188000	1003000
24	1018000	1139000	1249000	1351000	1310000	1316000	1302000	1389000	1405000	1341000	1189000	995100
25	1022000	1142000	1254000	1358000	1304000	1327000	1302000	1399000	1398000	1339000	1174000	983500
26	1024000	1145000	1255000	1368000	1302000	1336000	1301000	1412000	1399000	1333000	1165000	976000
27	1025000	1153000	1261000	1382000	1295000	1343000	1301000	1419000	1398000	1339000	1158000	973800
28	1033000	1155000	1263000	1390000	1293000	1353000	1297000	1417000	1400000	1340000	1155000	974300
29	1035000	1160000	1269000	1394000	---	1357000	1295000	1420000	1402000	1338000	1152000	972100
30	1037000	1161000	1278000	1394000	---	1360000	1287000	1422000	1402000	1330000	1150000	966900
31	1044000	---	1288000	1396000	---	1357000	---	1409000	---	1325000	1151000	---
Max	1044000	1161000	1288000	1396000	1398000	1360000	1355000	1422000	1417000	1409000	1314000	1146000
Min	963100	1048000	1161000	1296000	1293000	1241000	1287000	1291000	1398000	1325000	1150000	966900
†	2046.70	2057.17	2067.46	2075.34	2067.84	2072.55	2067.39	2076.21	2075.79	2070.25	2056.32	2039.32
‡	48100	117000	127000	108000	-103000	64000	-70000	122000	-7000	-77000	-174000	-184100
Cal YEAR 2002	MAX	1413000	MIN	932900	‡	-50000						
WTR YEAR 2003	MAX	1422000	MIN	963100	‡	-29000						

† Elevation, in feet at end of month.
‡ Change in contents, in acre-feet.

13289960 WILDHORSE RIVER AT BROWNLEE, ID

LOCATION.-Lat 44°51'08", long 116°53'41", in NE4SW4, sec. 36, T. 18N, R. 05W, Adams County, Hydrologic Unit 17050201, on right bank, approx. 0.25 mi upstream from mouth and 1.0 mi 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. Station equipment includes radio telemetry. Elevation of gage is 1,840 feet above mean sea level, from topographic map.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,070 ft³/s March 23; minimum daily, 16.0 ft³/s November 1.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	16	23	40	521	64	536	278	645	64	28	27
2	19	17	23	42	364	58	513	262	531	62	29	26
3	20	19	22	47	267	61	476	290	494	60	32	25
4	20	20	23	52	201	57	435	419	458	57	37	25
5	20	22	25	50	156	56	416	467	424	53	35	25
6	19	23	22	43	120	56	362	418	413	48	33	24
7	19	24	21	39	108	57	309	368	402	45	32	24
8	19	35	18	37	99	68	271	327	379	47	31	26
9	19	37	20	36	90	77	251	298	360	47	31	27
10	18	31	22	39	86	97	255	284	330	44	31	28
11	19	28	24	41	75	107	302	315	297	42	28	28
12	19	26	24	39	70	126	397	577	266	40	27	25
13	19	26	26	45	73	220	555	659	252	39	25	24
14	19	26	34	95	74	328	496	590	234	38	25	24
15	19	25	43	107	71	332	439	614	210	35	24	24
16	19	25	39	75	86	356	381	599	197	34	25	25
17	19	25	41	62	90	293	356	500	179	33	25	26
18	19	24	30	54	83	229	342	432	166	32	25	25
19	19	24	28	53	77	197	297	355	170	30	25	24
20	19	24	27	50	76	185	278	319	225	28	24	24
21	19	25	29	48	76	172	291	305	156	28	24	24
22	20	25	29	47	88	378	315	316	133	29	30	23
23	20	25	22	52	87	1070	346	382	118	30	58	22
24	20	25	20	54	67	560	374	509	107	29	30	22
25	20	23	27	60	68	439	461	694	97	31	27	22
26	20	19	28	140	70	473	428	717	90	46	28	21
27	20	22	30	399	69	395	378	674	79	53	41	20
28	20	23	54	263	62	326	331	697	74	39	32	19
29	21	23	62	168	---	282	304	789	69	35	33	18
30	21	23	43	219	---	253	301	991	66	34	35	19
31	18	---	44	396	---	256	---	884	---	32	32	---
Total	602	730	923	2892	3374	7628	11196	15329	7621	1264	942	716
Mean	19.3	24.3	29.8	93.4	120.5	246.1	373.1	494.5	254	40.7	30.4	23.8
Max	21	37	62	399	521	1070	555	991	645	64	58	28
Min	18	16	18	36	62	56	251	262	66	28	24	18
AC-Ft	1194	1448	1831	5736	6692	15130	22210	30400	15120	2507	1868	1420
CAL YEAR 2002	TOTAL	48619.00	MEAN	133.2	MAX	2120	MIN	16	AC-FT	96430		
WTR YEAR 2003	TOTAL	53217.00	MEAN	145.8	MAX	1070	MIN	16	AC-FT	105600		

13289720 SNAKE RIVER AT BROWNLEE, ID

LOCATION.-Lat 44°50'48", long 116°53'42", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 18N., R. 05W., Adams County, Hydrologic Unit 17050201, 0.25 mi above Wildhorse River and 0.25 mi below highway bridge across Snake River.

DRAINAGE AREA.-72,590 mi², approximately.

PERIOD OF RECORD.-June 2002 to current year.

GAGE.-Water-stage recorder and Acoustic Doppler velocity sensor.

REMARKS.-No estimated daily discharges. Records good except October 1 to July 22, which are poor.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 49,700 ft³/s May 31; minimum daily recorded, 4,300 ft³/s July 8.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11300	---	11100	8420	20500	11500	17800	11800	33600	8290	14400	11300
2	9480	---	8470	8120	16900	10300	19200	12600	45100	9230	8200	14000
3	10100	---	10200	8940	17800	17100	16500	10900	31900	8490	6410	14700
4	12600	---	8450	7700	21100	18100	17000	7140	19800	9250	8800	13500
5	10800	---	7120	6900	17700	14100	16100	13400	23800	8890	9700	16500
6	6480	---	9640	10200	20300	14600	15700	13900	23500	8790	13200	10700
7	13000	---	9910	7660	20900	13100	14000	17300	23400	7380	19000	11100
8	11600	---	7880	8960	20300	16000	16800	15200	19800	4300	13400	12700
9	12600	---	8110	13300	9320	8900	18000	16000	27200	7660	13700	9260
10	11200	---	6740	10400	12000	10900	15800	14700	21600	9170	12800	5830
11	8330	---	9320	8070	16400	13800	17100	13700	21500	12300	16700	13000
12	7650	---	7660	8200	14900	14600	12800	21000	18600	8870	9440	8590
13	7460	---	7720	8550	15600	10000	10200	21100	21200	5800	7750	9160
14	9110	---	8360	8890	12600	9840	16400	21500	17100	6030	11900	8180
15	7750	---	9010	9900	12300	9450	16400	23200	13600	8150	12200	14400
16	---	---	7720	13100	9940	7640	17500	20200	19100	7620	6530	8210
17	---	---	8510	12400	13100	15900	15700	21700	16400	8130	9090	12200
18	---	---	8410	10900	16200	16300	13000	14400	13800	8770	13800	13300
19	---	---	9330	9680	17700	14700	13300	12000	9640	7410	10400	14800
20	---	---	7300	12500	15500	11200	13300	12000	15400	9880	11300	12900
21	---	---	7860	12200	16700	12700	22400	15200	8480	12400	8310	12000
22	---	---	9120	15600	17800	10200	21200	17800	15700	13400	8230	15700
23	---	---	8150	7570	10800	7900	17900	19500	18900	10800	6850	14800
24	---	---	8090	12200	17100	10300	16500	18000	11400	8210	7900	13000
25	---	---	8000	7220	14000	12800	18000	14700	13600	9090	21400	14400
26	---	9000	11800	8080	12100	14500	15500	16100	10200	9540	15000	12400
27	---	6700	6580	9300	14100	15900	17200	24200	10300	4510	12600	8520
28	---	9770	10300	16100	11200	12000	17600	31900	8820	8720	9490	8280
29	---	8380	7950	15600	---	14300	16400	29900	8280	10400	9470	9650
30	---	10400	8390	17000	---	13300	19300	37200	9450	11600	9210	10700
31	---	---	6440	16100	---	16500	---	49700	---	9160	7130	---
Total	149460	44250	263640	329760	434860	398430	494600	587940	551170	272240	344310	353780
Mean	9965	8847	8503	10640	15540	12850	16490	18960	18370	8782	11100	11790
Max	13000	10400	11800	17000	21100	18100	22400	49700	45100	13400	21400	16500
Min	6480	6700	6440	6900	9320	7640	10200	7140	8280	4300	6410	5830
AC-Ft	296400	87770	522900	654100	862500	790300	981000	1166000	1093000	540000	682900	701700
CAL YEAR 2002	TOTAL	1205650.00	MEAN	8865	MAX	18300	MIN	3400	AC-FT	2391000		
WTR YEAR 2003	TOTAL	4224440.00	MEAN	13040	MAX	49700	MIN	4300	AC-FT	8379000		

13290000 SNAKE RIVER AT OXBOW, OR

LOCATION.-Lat 44°58'15", long 116°51'10", in SE¼NW¼ sec. 9, T. 07S., R. 48E., Baker County, Hydrologic Unit 17050201, at Idaho Power fish hatchery in Oxbow.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-January 2002 to current year.

GAGE.-Water-stage recorder and Acoustic Doppler velocity sensor.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 20,100 ft³/s Feb. 4; minimum daily recorded, 5130 ft³/s October 6.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10700	6690	---	8100	19400	10800	15800	---	---	8550	12500	10700
2	10200	7180	---	7930	17400	10900	18000	---	---	8630	8360	---
3	9840	8260	---	8710	17800	15700	16600	---	---	9100	7390	---
4	11500	7680	---	7270	20100	15600	16000	---	---	9130	8820	---
5	9020	7010	---	5570	17400	14300	15300	---	---	7760	10200	---
6	5130	7600	---	8610	18600	13300	15600	---	---	9590	11600	---
7	11400	10200	---	6970	18900	12500	13800	---	---	8170	16100	---
8	10900	9080	---	8190	18100	14600	16400	---	---	5940	13100	---
9	12400	9130	---	12800	9630	9560	17100	---	---	7600	13500	---
10	12000	8440	---	9870	11800	---	15300	---	18200	9940	13100	---
11	7280	8630	---	8190	16000	---	15700	---	18000	11700	14400	---
12	6570	8130	---	8170	14600	---	12700	---	16800	10500	9730	---
13	5910	7380	---	9080	14300	---	10300	---	17500	7070	8860	---
14	9130	9150	---	8730	12200	---	14600	---	14900	6640	11700	---
15	7520	8750	---	9470	10900	---	16700	---	11900	8230	12300	---
16	8030	9460	---	13500	10200	7960	16300	---	16300	---	7180	---
17	7500	7690	---	13200	12200	15300	15400	---	16900	---	9140	---
18	7060	9670	---	10900	14800	15600	13100	---	13400	---	13000	---
19	7310	5650	---	9880	16300	14400	13100	---	10600	---	11200	---
20	8130	8240	---	11900	14300	10800	13700	---	14600	---	11600	---
21	5740	11700	7680	12900	14700	12000	17900	---	8110	---	8590	---
22	8140	7860	8260	15000	16100	8940	17400	---	15200	---	8810	---
23	8330	9170	8000	8540	10100	9000	16500	---	16700	11300	8580	---
24	7020	6880	7860	12000	15400	9410	15500	---	12200	8700	8930	---
25	6910	---	7590	7860	14200	11300	15600	---	13600	8660	17000	---
26	8550	---	10400	8260	12500	13700	14500	---	10600	8880	14900	---
27	9100	---	7990	10000	12900	15100	15800	---	9880	6370	13000	---
28	7050	---	10100	14100	12300	11100	---	---	8800	8640	10800	---
29	7260	---	7480	15100	---	13800	---	---	8240	10400	9950	---
30	5760	---	8270	17700	---	12600	---	---	10000	12100	9090	---
31	6300	---	7270	18000	---	14700	---	---	---	9740	7650	---
Total	257690	199630	90900	326500	413130	312970	414700	---	282430	213340	341080	10700
Mean	8312	8318	8267	10540	14760	12520	15370	---	13460	8890	11000	10650
Max	12400	11700	10400	18000	20100	15700	18000	---	18200	12100	17000	10700
Min	5130	5650	7270	5570	9630	7960	10300	---	8110	5940	7180	10700
AC-Ft	511100	396000	180300	647600	819400	620800	822500	---	560200	423200	676500	21220

CAL YEAR 2002	TOTAL	2477900.00	MEAN	10540	MAX	20200	MIN	5130	AC-FT	4915000
WTR YEAR 2003	TOTAL	2863070.00	MEAN	11270	MAX	20100	MIN	5130	AC-FT	5679000

13290190 PINE CREEK NEAR OXBOW, OR

LOCATION.-Lat 44°46'40", long 117°17'30", in NW¼, sec. 9, T. 07S, R. 48E, Baker County, Hydrologic Unit 17050201, on left bank 1.5 mi above Hwy 71 crossing, at mile 2.0.

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

GAGE.-Water-stage recorder.

REMARKS.-Records fair, except estimated daily discharges, which are poor. Station equipment includes radio telemetry. Numerous diversions upstream for irrigation.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 2,630 ft³/s May 30; minimum daily, 26 ft³/s, Aug. 20.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	49	55	156	1230	181	742	509	1820	200	30e	39
2	47	56	55	153	981	168	773	513	1530	174	30e	38
3	48	59	54	196	769	166	700	645	1530	162	35e	37
4	51	62	55	199	642	160	630	882	1320	149	40e	39
5	50	66	55	197	519	155	615	847	1230	131	35e	40
6	49	64	53	178	433	153	572	766	1260	115	35e	40
7	48	64	51	160	368	151	506	684	1260	101	35e	40
8	47	83	52	149	329	155	452	616	1280	95	30e	45
9	46	85	53	141	297	159	437	602	1230	91	30e	50
10	47	80	57	139	270	165	470	638	1110	80	30e	55
11	47	72	59	133	248	173	576	640	982	74	30e	51
12	48	68	61	141	233	192	683	782	900	70	30e	47
13	49	67	73	236	242	272	751	821	932	64	30e	45
14	50	66	125	555	290	449	702	900	886	57	30	45
15	51	66	140	558	253	601	624	1070	851	51	28	47
16	51	64	109	392	259	773	578	1010	805	47	28	44
17	51	64	104	310	262	607	533	829	782	41	27	45
18	52	62	84	259	252	498	495	673	773	41	28	45
19	52	62	79	230	242	439	458	566	845	39	27	43
20	54	62	77	209	233	423	467	522	841	34	25	42
21	53	63	78	192	239	385	528	554	576	33	26	41
22	54	64	78	191	255	971	625	653	478	34	35e	40
23	54	64	67	255	234	1730	742	840	398	33	65e	38
24	54	64	69	259	206	1100	766	1240	338	34	35e	38
25	54	60	74	307	201	877	820	1560	320	37	30e	36
26	55	55	73	721	206	877	745	1460	294	50e	35e	34
27	56	57	81	1330	197	735	637	1430	284	60e	42	33
28	58	57	213	981	184	632	557	1630	273	45e	43	32
29	60	57	222	738	---	557	526	1930	246	40e	42	32
30	59	56	161	1110	---	510	528	2630	236	35e	39	33
31	54	---	156	1300	---	529	---	2450	---	35e	40	---
Total	1592	1918	2723	12075	10074	14943	18238	30892	25610	2252	1045	1234
Mean	51.3	63.9	87.8	389.4	359.7	482.2	608	996.3	853.5	72.5	33.7	41.1
Max	60	85	222	1330	1230	1730	820	2630	1820	200	65	55
Min	43	49	51	133	184	151	437	509	236	33	25	32
AC-Ft	3158	3804	5401	23950	19980	29640	36170	61270	50800	4467	2073	2448
CA1 YEAR 2002	TOTAL	146616.00	MEAN	401.7	MAX	3490	MIN	29	AC-FT	290800		
WTR YEAR 2003	TOTAL	122596.00	MEAN	335.9	MAX	2630	MIN	25	AC-FT	243200		

e Estimate

13290450 SNAKE RIVER AT HELLS CANYON DAM, IDAHO-OREGON STATE LINE

LOCATION.-Lat 45°15'05", long 116°41'50" in SE¼SE¼ sec. 33, T.03S., R. 49E, Wallowa County, Oregon, Wallowa-Witman National Forest, Hydrologic Unit 17050201, on left bank 0.2 mi upstream from Hells Canyon Creek, 0.6 mi downstream from Hells Canyon Dam, and at mile 247.0.

DRAINAGE AREA.-73,300 mi², approximately.

PERIOD OF RECORD.-July 1965 to September 2001 (discontinued by USGS). Gage operated by Idaho Power Company October 2001 to current year.

GAGE.-Water-stage recorder. Datum of gage is 1,400.00 ft above sea level (levels by Idaho Power Company).

REMARKS.-No estimated daily discharges. Records good. Station equipment includes satellite and radio telemetry. Diurnal fluctuations caused by Hells Canyon power plant.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 103,000 ft³/s Jan. 2, 1997, gage height 86.17 ft; minimum, 1,580 ft³/s Mar. 19, 1967, gage height, 59.9 ft; minimum daily, 4,360 ft³/s May 8, 1977.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 45,600 ft³/s May 31, gage height, 75.81 ft; minimum, 6,520 ft³/s July 27, gage height, 63.56 ft.

DISCHARGE (CFS), WATER YEAR 2003

DAILY MEAN VALUE

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14100	9130	9030	8720	21300	10100	17900	12700	26800	8620	12600	11100
2	13100	9140	9090	8690	21400	11900	20200	12300	32500	9170	8520	14900
3	12000	9140	9100	8670	21300	16000	19200	10300	25700	10300	7620	15000
4	14100	9150	8630	8640	20400	16400	17700	8740	21500	10300	10900	13000
5	12200	9120	8550	8710	20300	15600	17300	14400	21200	8260	11300	16100
6	7790	9110	8570	9540	18600	13900	17300	14900	21200	10600	13500	12800
7	12800	9110	8610	8520	20700	13000	17100	16500	21200	9540	15900	12800
8	13500	9140	8540	11000	19600	16000	16400	17300	20100	7790	14600	12700
9	13500	9140	8560	12400	11500	9810	17800	16900	20900	7500	15100	9780
10	14200	9160	8560	11600	12900	10800	17300	16100	21200	9350	14600	8580
11	11700	9140	8540	8610	15900	15000	17500	15300	20900	11800	14900	9760
12	7720	9120	8540	8620	15900	14500	14500	19400	21000	11400	10200	11700
13	8360	9130	8610	9180	14800	11100	11100	20800	18100	7430	11500	9520
14	9110	9130	8560	9370	13100	10000	15800	20300	16000	7250	11300	10800
15	9080	9200	8540	11100	12700	9100	18300	20300	15200	8020	12600	14000
16	9090	9220	8670	15700	10500	8920	18400	20700	19000	9220	8100	11300
17	9100	9240	8660	15500	13500	16000	16900	21200	18100	8490	9240	12900
18	9110	9190	8640	11900	15800	18100	13500	21200	15500	9860	13900	13500
19	9130	9110	8980	11300	16900	16200	14400	13300	11200	7870	13500	15500
20	9130	9150	8670	14100	15300	10600	15600	13400	17000	10900	11500	12800
21	9120	9070	8700	14900	15600	12000	18600	14100	11100	13100	8240	13900
22	9110	9050	8730	14900	17400	10000	19400	18200	16200	13400	8430	16000
23	9120	9100	8720	10700	11600	11800	18800	21000	18900	12700	8450	16200
24	9140	9090	8700	12700	17600	10000	17900	19900	15200	10200	8530	14800
25	9140	9130	8720	8660	14700	12300	16700	17900	15600	7990	16900	15100
26	9120	9120	8690	8600	14000	15100	17100	16400	12100	8400	17400	13700
27	9140	9150	8680	11900	14600	16500	16400	23000	10300	8490	14000	9550
28	9150	9190	8750	16300	16000	13400	18100	25000	9090	8760	11900	9300
29	9160	9130	8900	17200	---	13700	17400	27400	9700	10500	8960	11000
30	9160	9100	8650	19100	---	14400	19200	28700	11700	13000	9330	11700
31	9120	---	8680	20800	---	16200	---	41900	---	10900	10000	---
Total	319300	274100	269570	367630	453900	408430	513800	579540	534190	301110	363520	379790
Mean	10300	9136	8696	11850	16210	13180	17130	18690	17810	9718	11720	12660
Max	14200	9240	9100	20800	21400	18100	20200	41900	32500	13400	17400	16200
Min	7720	9050	8540	8520	10500	8920	11100	8740	9090	7250	7620	8580
AC-Ft	633300	543700	534700	729200	900300	810100	1019000	1150000	1060000	597200	721000	753300
CAL YEAR 2002	TOTAL	4597080.00	MEAN	12590	MAX	27500	MIN	7220	AC-FT	9118000		
WTR YEAR 2003	TOTAL	4764880.00	MEAN	13050	MAX	41900	MIN	7250	AC-FT	9451000		

13290460 SNAKE RIVER AT JOHNSON BAR, IDAHO-OREGON STATE LINE

LOCATION.-Lat 45°27'50", long 116°33'16", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 01S., R. 50E. (Willamette Meridian), Wallowa County, Oregon, Hydrologic Unit 17060101, Hells Canyon National Recreation Area, on left bank opposite lower end of Johnson Bar, 0.5 mi upstream from mouth of Sheep Creek and at mile 229.9.

DRAINAGE AREA.-73,400 mi², approximately.

PERIOD OF RECORD.-July 1959 to September 1992 (gage heights only), October 1992 to September 1995 (discharge), October 1995 to current year (gage heights only).

GAGE.-Water-stage recorder. Datum of gage is 1,226.341 ft above sea level (levels by Corps of Engineers).

REMARKS.-Records good. Station equipment includes satellite telemetry. Diurnal fluctuations in stage are caused by Hells Canyon Power plant. Records for years prior to the 1991 water year were not published, but are available from the USGS Boise Field Office.

EXTREMES FOR CURRENT YEAR.-Maximum gage height, 14.61 ft., May 31; minimum gage height, 4.31 ft., June 28.

STAGE (FT), WATER YEAR 2003

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.88	5.31	5.24	5.17	8.51	5.86	7.60	6.60	10.06	5.27	6.08	5.71
2	6.44	5.32	5.25	5.15	8.53	5.91	8.22	6.23	11.32	5.22	5.34	6.86
3	6.24	5.32	5.26	5.14	8.52	7.07	8.15	5.68	9.74	5.51	4.76	6.89
4	6.58	5.32	5.13	5.13	8.34	7.34	7.70	5.30	8.75	5.54	5.60	6.51
5	6.26	5.31	5.09	5.15	8.25	7.14	7.53	6.70	8.55	5.18	5.77	7.12
6	5.03	5.31	5.08	5.39	7.90	6.64	7.57	6.95	8.54	5.49	6.50	6.38
7	6.17	5.31	5.10	5.12	8.35	6.45	7.54	7.22	8.55	5.52	7.01	6.24
8	6.54	5.32	5.08	5.74	8.14	7.15	7.34	7.63	8.30	4.91	6.84	6.45
9	6.46	5.32	5.09	6.14	6.29	5.61	7.70	7.44	8.49	4.72	6.92	5.49
10	6.76	5.31	5.09	6.12	6.21	5.72	7.57	7.28	8.54	5.20	6.74	5.11
11	6.13	5.31	5.08	5.12	7.10	6.99	7.57	7.01	8.48	5.80	6.84	5.32
12	4.86	5.31	5.07	5.12	7.14	6.79	6.95	7.93	8.47	6.18	5.86	6.19
13	4.98	5.30	5.11	5.26	7.03	6.11	5.97	8.45	7.90	4.77	5.87	5.38
14	5.31	5.30	5.10	5.36	6.42	5.64	7.01	8.37	7.10	4.64	5.91	5.64
15	5.30	5.30	5.09	5.84	6.30	5.26	7.85	8.30	7.03	4.78	6.11	6.62
16	5.30	5.30	5.13	6.94	5.74	5.36	7.78	8.43	7.95	5.29	5.08	6.01
17	5.31	5.30	5.13	7.13	6.42	7.00	7.54	8.56	7.75	5.09	5.18	6.19
18	5.31	5.29	5.12	6.14	6.98	7.64	6.65	8.53	7.37	5.47	6.45	6.49
19	5.32	5.28	5.22	5.83	7.43	7.35	6.78	6.72	5.92	4.90	6.49	7.04
20	5.32	5.30	5.13	6.67	7.15	5.94	6.98	6.56	7.18	5.59	6.03	6.35
21	5.32	5.28	5.13	6.95	6.97	6.12	7.75	6.68	6.10	6.32	5.12	6.41
22	5.31	5.27	5.14	6.92	7.56	5.57	8.18	7.59	6.97	6.25	5.07	7.24
23	5.31	5.28	5.14	5.84	6.18	6.03	7.93	8.48	7.80	6.38	5.07	7.29
24	5.32	5.27	5.13	6.25	7.45	5.61	7.79	8.28	7.11	5.79	5.07	6.88
25	5.32	5.28	5.14	5.23	6.92	6.12	7.39	7.88	7.15	4.87	6.94	6.90
26	5.31	5.28	5.14	5.13	6.66	6.93	7.46	7.28	6.26	4.98	7.82	6.54
27	5.32	5.29	5.14	5.94	6.69	7.12	7.30	8.98	5.62	5.14	6.65	5.47
28	5.33	5.30	5.17	7.12	7.07	6.80	7.83	9.49	5.14	5.02	6.12	5.38
29	5.32	5.28	5.22	7.54	---	6.31	7.48	10.14	5.43	5.62	5.27	5.77
30	5.32	5.27	5.14	7.85	---	6.96	8.02	10.36	5.96	6.23	5.35	5.91
31	5.31	---	5.15	8.39	---	7.17	---	13.83	---	5.92	5.50	---
Mean	5.64	5.30	5.14	6.03	7.22	6.44	7.50	7.90	7.65	5.41	5.98	6.26
Max	6.88	5.32	5.26	8.39	8.53	7.64	8.22	13.83	11.32	6.38	7.82	7.29
Min	4.86	5.27	5.07	5.12	5.74	5.26	5.97	5.30	5.14	4.64	4.76	5.11
CA1 YEAR 2002	MEAN		6.27	MAX	10.07	MIN	4.69					
WTR YEAR 2003	MEAN		6.36	MAX	13.83	MIN	4.64					

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