



Water Resources Data

Water Year 2002

Prepared by: Water Management Department

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, 15.0 ft³/s Sept. 18, 19; minimum daily, 7.8 ft³/s on July 16.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	11	9.7	9.6	11	10
2	---	---	---	---	---	---	---	11	11	9.7	11	10
3	---	---	---	---	---	---	---	11	10	9.9	10	10
4	---	---	---	---	---	---	---	11	9.8	10	11	10
5	---	---	---	---	---	---	---	10	9.5	10	11	11
6	---	---	---	---	---	---	---	10	9.2	10	11	11
7	---	---	---	---	---	---	---	10	9.5	11	10	12
8	---	---	---	---	---	---	11	10	9.3	11	10	11
9	---	---	---	---	---	---	11	10	9.3	9.9	11	11
10	---	---	---	---	---	---	11	10	9.2	9.3	11	12
11	---	---	---	---	---	---	11	10	9.1	8.2	11	12
12	---	---	---	---	---	---	11	10	9.1	8.2	11	12
13	---	---	---	---	---	---	11	10	8.9	8.3	11	12
14	---	---	---	---	---	---	11	10	8.9	8	11	12
15	---	---	---	---	---	---	12	10	8.8	8.2	11	12
16	---	---	---	---	---	---	12	10	9	7.8	11	12
17	---	---	---	---	---	---	12	10	9.9	8.3	11	14
18	---	---	---	---	---	---	12	9.9	9.7	8.4	11	15
19	---	---	---	---	---	---	12	10	9.7	8.6	11	15
20	---	---	---	---	---	---	11	10	9.9	9.2	11	13
21	---	---	---	---	---	---	11	10	9.2	8.7	10	12
22	---	---	---	---	---	---	11	11	9.1	8.8	10	12
23	---	---	---	---	---	---	11	10	9.6	9.1	10	12
24	---	---	---	---	---	---	11	10	9.2	8.9	10	13
25	---	---	---	---	---	---	11	10	9.3	9.2	10	13
26	---	---	---	---	---	---	11	10	8.2	10	11	13
27	---	---	---	---	---	---	11	10	9.1	11	11	13
28	---	---	---	---	---	---	11	10	9.1	10	11	13
29	---	---	---	---	---	---	11	9.9	9.4	10	11	12
30	---	---	---	---	---	---	11	9.9	9.7	10	12	12
31	---	---	---	---	---	---	---	9.7	---	10	11	---
Total	0	0	0	0	0	0	258	314.4	281.4	289.3	334	362
Mean	---	---	---	---	---	---	11.3	10.2	9.4	9.4	10.9	12.1
Max	---	---	---	---	---	---	12	11	11	11	12	15
Min	---	---	---	---	---	---	11	9.7	8.2	7.8	10	10
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	512	624	558	574	662	718

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1839.10 MEAN 10.4 MAX 15 MIN 7.8 AC-FT 3648

13056550 TEXAS SLOUGH CANAL NEAR THORNTON, ID

LOCATION.-Lat 43°47'58", long 111°54'49", 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, 77.0 ft³/s July 7; 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	---	---	---	---	---	---	---	---	28	18	51	55
2	---	---	---	---	---	---	---	---	36	18	46	45
3	---	---	---	---	---	---	---	---	46	---	48	44
4	---	---	---	---	---	---	---	---	53	---	54	47
5	---	---	---	---	---	---	---	---	49	---	52	47
6	---	---	---	---	---	---	---	---	47	68	---	53
7	---	---	---	---	---	---	---	---	45	77	---	60
8	---	---	---	---	---	---	---	---	41	59	---	57
9	---	---	---	---	---	---	---	---	52	56	---	50
10	---	---	---	---	---	---	---	---	31	46	---	51
11	---	---	---	---	---	---	---	---	---	39	55	49
12	---	---	---	---	---	---	---	---	---	46	---	55
13	---	---	---	---	---	---	---	---	---	46	---	58
14	---	---	---	---	---	---	---	---	---	54	---	54
15	---	---	---	---	---	---	---	---	36	43	---	54
16	---	---	---	---	---	---	---	---	60	54	---	53
17	---	---	---	---	---	---	---	---	52	66	---	47
18	---	---	---	---	---	---	---	---	26	55	---	49
19	---	---	---	---	---	---	---	---	19	48	---	49
20	---	---	---	---	---	---	---	---	36	60	---	53
21	---	---	---	---	---	---	---	---	41	---	---	49
22	---	---	---	---	---	---	---	---	37	---	---	48
23	---	---	---	---	---	---	---	---	39	---	---	47
24	---	---	---	---	---	---	---	---	31	---	---	45
25	---	---	---	---	---	---	---	---	20	---	49	44
26	---	---	---	---	---	---	---	---	27	---	47	44
27	---	---	---	---	---	---	---	---	27	56	48	43
28	---	---	---	---	---	---	---	---	20	59	46	41
29	---	---	---	---	---	---	---	---	24	49	51	40
30	---	---	---	---	---	---	---	18	39	45	53	41
31	---	---	---	---	---	---	---	22	---	42	49	---
Total	0	0	0	0	0	0	0	40	962	1104	649	1472
Mean	---	---	---	---	---	---	---	20.5	37	50.2	50	49.1
Max	---	---	---	---	---	---	---	22	60	77	55	60
Min	---	---	---	---	---	---	---	18	19	18	46	40
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79	1908	2190	1287	2920
WTR YEAR 2002	TOTAL	4227.00	MEAN	45.5	MAX	77	MIN	18	AC-FT	8384		

13056600 TEXAS SLOUGH NEAR REXBURG, ID

LOCATION.-Lat 43°47'17", long 111°53'45", in SE⁴SE⁴SW⁴ 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, 197 ft³/s July 26; minimum daily, 21.0 ft³/s April 24, 25.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	22	100	151	157	160
2	---	---	---	---	---	---	---	23	121	146	164	158
3	---	---	---	---	---	---	25	26	131	161	162	153
4	---	---	---	---	---	---	25	54	143	157	154	152
5	---	---	---	---	---	---	24	43	132	147	156	144
6	---	---	---	---	---	---	24	54	112	154	152	142
7	---	---	---	---	---	---	23	47	115	158	155	148
8	---	---	---	---	---	---	23	47	134	151	167	151
9	---	---	---	---	---	---	23	57	134	142	172	151
10	---	---	---	---	---	---	24	62	144	153	171	151
11	---	---	---	---	---	---	23	54	133	170	167	144
12	---	---	---	---	---	---	23	53	147	152	183	140
13	---	---	---	---	---	---	23	61	155	153	184	134
14	---	---	---	---	---	---	23	64	161	156	183	124
15	---	---	---	---	---	---	23	72	161	161	182	114
16	---	---	---	---	---	---	23	75	159	155	173	107
17	---	---	---	---	---	---	22	83	151	154	184	105
18	---	---	---	---	---	---	22	87	122	157	168	104
19	---	---	---	---	---	---	22	93	129	165	170	109
20	---	---	---	---	---	---	22	91	144	170	169	114
21	---	---	---	---	---	---	22	96	156	165	167	109
22	---	---	---	---	---	---	22	127	140	175	164	105
23	---	---	---	---	---	---	23	124	140	180	158	103
24	---	---	---	---	---	---	21	123	143	175	157	103
25	---	---	---	---	---	---	21	123	155	186	157	99
26	---	---	---	---	---	---	22	116	155	197	155	104
27	---	---	---	---	---	---	23	110	153	194	163	108
28	---	---	---	---	---	---	22	111	160	185	174	113
29	---	---	---	---	---	---	23	106	148	179	172	108
30	---	---	---	---	---	---	22	100	150	160	175	110
31	---	---	---	---	---	---	---	91	---	150	165	---
Total	0	0	0	0	0	0	638	2395	4228	5059	5180	3767
Mean	---	---	---	---	---	---	22.8	77.3	140.9	163.1	167.1	125.6
Max	---	---	---	---	---	---	25	127	161	197	184	160
Min	---	---	---	---	---	---	21	22	100	142	152	99
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	1265	4750	8386	10030	10270	7472

CAL YEAR 2001

WTR YEAR 2002 TOTAL 21267.00 MEAN 117.5 MAX 197 MIN 21 AC-FT 42180

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.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 30.0 ft³/s Aug. 30, minimum daily, 0.92 ft³/s April 23, 2002.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1.2	9.2	22	25	20
2	---	---	---	---	---	---	---	1	14	21	23	18
3	---	---	---	---	---	---	1.1	2	18	22	20	16
4	---	---	---	---	---	---	1	5.6	15	18	15	15
5	---	---	---	---	---	---	1.1	3.6	9.6	20	18	15
6	---	---	---	---	---	---	1.1	3.5	7.6	17	17	17
7	---	---	---	---	---	---	1	1.4	6.5	20	18	21
8	---	---	---	---	---	---	1	2.4	10	24	22	18
9	---	---	---	---	---	---	1	3.2	12	20	25	18
10	---	---	---	---	---	---	1	3.8	6.6	15	23	16
11	---	---	---	---	---	---	0.97	3.3	8.7	9.8	23	17
12	---	---	---	---	---	---	1	2.5	10	9.3	23	20
13	---	---	---	---	---	---	0.96	2	8.6	11	20	20
14	---	---	---	---	---	---	1	3.3	8.1	11	17	17
15	---	---	---	---	---	---	0.97	5.7	17	14	11	17
16	---	---	---	---	---	---	1	2.5	16	13	16	15
17	---	---	---	---	---	---	0.98	4.2	14	12	18	12
18	---	---	---	---	---	---	1.1	5.8	11	11	17	12
19	---	---	---	---	---	---	1.1	6.2	13	13	18	11
20	---	---	---	---	---	---	1.1	7.2	17	14	23	10
21	---	---	---	---	---	---	1.1	8.8	20	15	25	8.7
22	---	---	---	---	---	---	1	9	16	19	28	8.4
23	---	---	---	---	---	---	0.92	10	15	23	26	8.9
24	---	---	---	---	---	---	1.1	8.9	19	21	21	8.5
25	---	---	---	---	---	---	1.1	9.2	20	23	23	7.8
26	---	---	---	---	---	---	1.1	9.4	15	27	24	7
27	---	---	---	---	---	---	1.1	11	17	26	18	7.6
28	---	---	---	---	---	---	1.1	8.9	26	22	23	6.6
29	---	---	---	---	---	---	1.1	8.5	26	18	26	5.7
30	---	---	---	---	---	---	1.1	6.6	17	16	30	5.8
31	---	---	---	---	---	---	---	5.7	---	21	28	---
Total	0	0	0	0	0	0	29.2	166.4	422.9	548.1	664	400
Mean	---	---	---	---	---	---	1.1	5.4	14.1	17.7	21.4	13.4
Max	---	---	---	---	---	---	1.1	11	26	27	30	21
Min	---	---	---	---	---	---	0.92	1	6.5	9.3	11	5.7
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	58	330	839	1087	1317	793

CAL YEAR 2001

WTR YEAR 2002 TOTAL 2230.60 MEAN 12.3 MAX 30 MIN 0.92 AC-FT 4424

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, 33.0 ft³/s July 24-28; minimum daily, 0.06 ft³/s May 16.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1	12	29	31	31
2	---	---	---	---	---	---	---	0.89	13	29	30	29
3	---	---	---	---	---	---	---	0.74	15	28	31	28
4	---	---	---	---	---	---	---	0.57	17	28	31	27
5	---	---	---	---	---	---	---	0.53	19	28	30	26
6	---	---	---	---	---	---	---	0.32	19	28	30	26
7	---	---	---	---	---	---	---	0.27	17	28	30	26
8	---	---	---	---	---	---	---	0.21	13	29	30	26
9	---	---	---	---	---	---	---	0.16	15	30	31	26
10	---	---	---	---	---	---	1.6	0.11	18	29	31	25
11	---	---	---	---	---	---	1.6	0.095	21	28	31	24
12	---	---	---	---	---	---	1.6	0.086	21	27	32	23
13	---	---	---	---	---	---	1.5	0.08	22	27	32	23
14	---	---	---	---	---	---	1.5	0.071	21	27	31	21
15	---	---	---	---	---	---	1.4	0.062	22	28	31	21
16	---	---	---	---	---	---	1.6	0.055	23	28	31	20
17	---	---	---	---	---	---	1.6	0.062	25	29	31	19
18	---	---	---	---	---	---	1.3	0.067	26	30	31	19
19	---	---	---	---	---	---	1.3	0.072	25	31	31	19
20	---	---	---	---	---	---	1.3	0.078	25	31	31	18
21	---	---	---	---	---	---	1.3	0.67	26	32	31	18
22	---	---	---	---	---	---	1.3	6	26	32	31	18
23	---	---	---	---	---	---	1.3	16	27	32	31	17
24	---	---	---	---	---	---	1.2	16	28	33	31	16
25	---	---	---	---	---	---	1.1	15	30	33	31	16
26	---	---	---	---	---	---	1.1	15	31	33	32	16
27	---	---	---	---	---	---	1.1	14	30	33	32	16
28	---	---	---	---	---	---	1.1	14	28	33	32	15
29	---	---	---	---	---	---	1.1	13	29	32	32	15
30	---	---	---	---	---	---	1.1	11	29	32	31	15
31	---	---	---	---	---	---	---	11	---	31	31	---
Total	0	0	0	0	0	0	28	137.2	673	928	962	639
Mean	---	---	---	---	---	---	1.3	4.4	22.5	30	31.1	21.3
Max	---	---	---	---	---	---	1.6	16	31	33	32	31
Min	---	---	---	---	---	---	1.1	0.055	12	27	30	15
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	56	272	1335	1841	1908	1267

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 3367.20 MEAN 19.4 MAX 33 MIN 0.055 AC-FT 6679

13057000 SCOTTS SLOUGH NEAR MENAN, ID

LOCATION.-Lat 43°44'32", Long 111°58'20", in NE¼NE¼NW¼ 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, 41.0 ft³/s July 29; 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	---	---	---	---	---	---	---	0.00	27	22	40	16
2	---	---	---	---	---	---	---	0.00	24	20	39	17
3	---	---	---	---	---	---	---	0.00	29	13	37	18
4	---	---	---	---	---	---	---	0.00	27	18	35	18
5	---	---	---	---	---	---	---	0.00	27	24	35	16
6	---	---	---	---	---	---	---	0.00	21	18	32	16
7	---	---	---	---	---	---	---	0.00	20	15	30	18
8	---	---	---	---	---	---	---	0.00	39	21	24	19
9	---	---	---	---	---	---	---	0.00	37	15	18	18
10	---	---	---	---	---	---	---	6.2	35	31	18	17
11	---	---	---	---	---	---	---	0.00	34	36	18	17
12	---	---	---	---	---	---	---	0.00	33	29	18	17
13	---	---	---	---	---	---	---	0.00	30	31	20	16
14	---	---	---	---	---	---	---	0.00	32	31	21	15
15	---	---	---	---	---	---	---	0.00	34	25	22	15
16	---	---	---	---	---	---	---	9.2	31	21	21	16
17	---	---	---	---	---	---	---	19	30	19	19	16
18	---	---	---	---	---	---	---	22	28	17	20	15
19	---	---	---	---	---	---	---	23	22	18	20	15
20	---	---	---	---	---	---	---	21	21	18	19	15
21	---	---	---	---	---	---	---	26	20	19	19	14
22	---	---	---	---	---	---	---	30	30	13	20	13
23	---	---	---	---	---	---	---	29	30	9.9	18	12
24	---	---	---	---	---	---	---	27	31	13	17	11
25	---	---	---	---	---	---	---	27	27	22	16	11
26	---	---	---	---	---	---	---	27	29	21	15	11
27	---	---	---	---	---	---	---	27	27	25	16	10
28	---	---	---	---	---	---	---	27	26	30	14	10
29	---	---	---	---	---	---	---	28	29	41	14	8.4
30	---	---	---	---	---	---	---	34	25	39	13	8.4
31	---	---	---	---	---	---	---	35	---	37	14	---
Total	0	0	0	0	0	0	0	417.4	855	711.9	682	438.8
Mean	---	---	---	---	---	---	---	13.4	28.5	23	22	14.6
Max	---	---	---	---	---	---	---	35	39	41	40	19
Min	---	---	---	---	---	---	---	0.00	20	9.9	13	8.4
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	828	1696	1412	1353	870

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 3105.10 MEAN 20.3 MAX 41 MIN 0.000 AC-FT 6159

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.-No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 790 ft³/s July 28; minimum daily, 10.0 ft³/s April 18.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	65	156	465	507	493
2	---	---	---	---	---	---	---	87	184	462	478	503
3	---	---	---	---	---	---	---	95	223	427	418	501
4	---	---	---	---	---	---	---	170	189	422	392	567
5	---	---	---	---	---	---	---	244	186	471	400	587
6	---	---	---	---	---	---	---	190	189	454	535	454
7	---	---	---	---	---	---	---	191	253	452	555	458
8	---	---	---	---	---	---	---	230	386	425	481	406
9	---	---	---	---	---	---	---	165	473	428	434	387
10	---	---	---	---	---	---	---	103	406	417	447	347
11	---	---	---	---	---	---	---	153	352	394	512	292
12	---	---	---	---	---	---	---	141	317	398	517	348
13	---	---	---	---	---	---	---	105	268	388	460	439
14	---	---	---	---	---	---	---	69	299	470	444	425
15	---	---	---	---	---	---	---	118	386	484	450	441
16	---	---	---	---	---	---	---	130	389	491	423	439
17	---	---	---	---	---	---	11	134	372	513	463	446
18	---	---	---	---	---	---	10	177	380	528	484	522
19	---	---	---	---	---	---	13	206	428	608	506	539
20	---	---	---	---	---	---	16	196	478	694	520	486
21	---	---	---	---	---	---	20	150	523	669	531	439
22	---	---	---	---	---	---	17	164	526	635	399	399
23	---	---	---	---	---	---	17	218	518	638	355	397
24	---	---	---	---	---	---	11	213	485	607	382	391
25	---	---	---	---	---	---	11	239	435	613	384	376
26	---	---	---	---	---	---	15	262	403	657	385	368
27	---	---	---	---	---	---	19	297	411	669	432	376
28	---	---	---	---	---	---	27	270	443	790	494	388
29	---	---	---	---	---	---	39	196	464	761	479	393
30	---	---	---	---	---	---	43	151	468	712	496	397
31	---	---	---	---	---	---	---	157	---	697	492	---
Total	0	0	0	0	0	0	269	5286	10990	16839	14255	13004
Mean	---	---	---	---	---	---	19.3	170.6	366.3	543.2	459.9	433.4
Max	---	---	---	---	---	---	43	297	526	790	555	587
Min	---	---	---	---	---	---	10	65	156	388	355	292
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	534	10480	21800	33400	28270	25790

CAL YEAR 2001

WTR YEAR 2002 TOTAL 60643.00 MEAN 363.1 MAX 790 MIN 10 AC-FT 120300

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 good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 69.0 ft³/s May 23; 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	---	---	---	---	---	---	---	---	23	37	32	18
2	---	---	---	---	---	---	---	---	29	29	39	19
3	---	---	---	---	---	---	---	---	30	37	28	21
4	---	---	---	---	---	---	---	43e	22	32	31	31
5	---	---	---	---	---	---	---	47	22	28	46	43
6	---	---	---	---	---	---	---	40	23	34	37	45
7	---	---	---	---	---	---	---	51	26	39	35	46
8	---	---	---	---	---	---	---	61	26	37	27	34
9	---	---	---	---	---	---	---	46	21	38	28	41
10	---	---	---	---	---	---	---	28	33	34	36	42
11	---	---	---	---	---	---	---	40	23	31	43	40
12	---	---	---	---	---	---	---	30	22	45	40	54
13	---	---	---	---	---	---	---	31	41	35	28	56
14	---	---	---	---	---	---	---	24	55	40	37	48
15	---	---	---	---	---	---	---	32	41	43	32	44
16	---	---	---	---	---	---	---	23	34	44	30	46
17	---	---	---	---	---	---	---	18	44	47	30	51
18	---	---	---	---	---	---	---	29	50	36	31	43
19	---	---	---	---	---	---	---	44	47	39	43	49
20	---	---	---	---	---	---	---	41	44	54	36	48
21	---	---	---	---	---	---	---	38	51	56	29	49
22	---	---	---	---	---	---	---	53	47	47	24	43
23	---	---	---	---	---	---	---	69	52	39	27	45
24	---	---	---	---	---	---	---	68	48	36	29	44
25	---	---	---	---	---	---	---	49	51	42	22	43
26	---	---	---	---	---	---	---	40	34	48	32	50
27	---	---	---	---	---	---	---	31	34	65	39	52
28	---	---	---	---	---	---	---	29	30	56	27	44
29	---	---	---	---	---	---	---	31	31	40	26	31
30	---	---	---	---	---	---	---	30	27	46	31	37
31	---	---	---	---	---	---	---	29	---	48	23	---
Total	0	0	0	0	0	0	0	1095	1061	1282	998	1257
Mean	---	---	---	---	---	---	---	39.1	35.4	41.4	32.2	41.9
Max	---	---	---	---	---	---	---	69	55	65	46	56
Min	---	---	---	---	---	---	---	18	21	28	22	18
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2172	2104	2543	1980	2493

CAL YEAR 2001
WTR YEAR 2002 TOTAL 5693.00 MEAN 38 MAX 69 MIN 18 AC-FT 11290

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, 31.0 ft³/s May 20, 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	---	---	---	---	---	---	---	4e	4.7	5.8	0.03	---
2	---	---	---	---	---	---	---	4e	17	0.11	0.00	---
3	---	---	---	---	---	---	---	10	19	0.22	0.07	---
4	---	---	---	---	---	---	---	6.5	12	1.1	0.07	---
5	---	---	---	---	---	---	---	4.7	4.3	5.2	0.64	---
6	---	---	---	---	---	---	---	4.7	0.00	0.01	0.03	---
7	---	---	---	---	---	---	---	16	0.00	2	0.00	---
8	---	---	---	---	---	---	---	4.8	0.91	2.3	0.00	---
9	---	---	---	---	---	---	---	6.5	18	0.01	0.04	---
10	---	---	---	---	---	---	---	4.3	24	0.00	0.02	---
11	---	---	---	---	---	---	---	6.8	3.2	1.8	0.17	---
12	---	---	---	---	---	---	---	3.3	3.7	0.00	1.6	---
13	---	---	---	---	---	---	---	8.9	0.00	1.2	0.2	---
14	---	---	---	---	---	---	---	9.6	0.00	12	3.4	---
15	---	---	---	---	---	---	---	8.6	0.00	19	0.00	---
16	---	---	---	---	---	---	---	8.7	5.9	0.14	0.01	---
17	---	---	---	---	---	---	---	9.2	1.3	0.00	0.16	---
18	---	---	---	---	---	---	---	5.5	9.5	4.9	0.00	---
19	---	---	---	---	---	---	---	5.1	9	1.7	0.00	---
20	---	---	---	---	---	---	---	31	1.8	0.15	0.00	---
21	---	---	---	---	---	---	---	20	0.013	0.00	0.00	---
22	---	---	---	---	---	---	---	30	2.6	0.95	0.01	---
23	---	---	---	---	---	---	---	17	12	0.00	0.00	---
24	---	---	---	---	---	---	---	3.5	12	0.00	0.00	---
25	---	---	---	---	---	---	---	5.2	10	0.02	0.00	---
26	---	---	---	---	---	---	---	4.6	5.1	5.1	0.01	---
27	---	---	---	---	---	---	---	4.1	0.065	0.65	0.11	---
28	---	---	---	---	---	---	---	3.9	0.21	2.2	0.00e	---
29	---	---	---	---	---	---	---	11	3.8	1.8	---	---
30	---	---	---	---	---	---	---	6.5	3.7	0.00	---	---
31	---	---	---	---	---	---	---	5	---	0.02	---	---
Total	0	0	0	0	0	0	0	273	183.8	68.38	6.57	0
Mean	---	---	---	---	---	---	---	8.8	6.1	2.2	0.23	---
Max	---	---	---	---	---	---	---	31	24	19	3.4	---
Min	---	---	---	---	---	---	---	3.3	0.00	0.00	0.00	---
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	541	365	136	13	0.00

CAL YEAR 2001

WTR YEAR 2002 TOTAL 531.75 MEAN 4.4 MAX 31 MIN 0.000 AC-FT 1055

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, 300 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, 12.0 ft³/s on May 7; 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	---	---	---	---	---	---	---	---	1.7	2.9	---	---
2	---	---	---	---	---	---	---	---	2.3	1.4	---	---
3	---	---	---	---	---	---	---	---	3.2	0.54	---	---
4	---	---	---	---	---	---	---	---	0.94	0.053	---	---
5	---	---	---	---	---	---	---	---	2.1	0.06	---	---
6	---	---	---	---	---	---	---	4.5	2.5	0.27	---	---
7	---	---	---	---	---	---	---	13	1.8	1.6	---	---
8	---	---	---	---	---	---	---	12	1.4	1.8	---	---
9	---	---	---	---	---	---	---	4.2	2.6	0.7	---	---
10	---	---	---	---	---	---	---	1.9	2.5	0.63	---	---
11	---	---	---	---	---	---	---	1.5	0.42	0.37	---	---
12	---	---	---	---	---	---	---	3.5	0.63	0.00	---	---
13	---	---	---	---	---	---	---	2.9	0.52	---	---	---
14	---	---	---	---	---	---	---	4.6	1.7	---	---	---
15	---	---	---	---	---	---	---	4.3	1.3	---	---	---
16	---	---	---	---	---	---	---	5.3	3.4	---	---	---
17	---	---	---	---	---	---	---	3.7	2.7	---	---	---
18	---	---	---	---	---	---	---	2.6	1.2	---	---	---
19	---	---	---	---	---	---	---	1.8	1.5	---	---	---
20	---	---	---	---	---	---	---	0.74	1.4	---	---	---
21	---	---	---	---	---	---	---	4.3	0.86	---	---	---
22	---	---	---	---	---	---	---	4	1	---	---	---
23	---	---	---	---	---	---	---	4.6	1.4	---	---	---
24	---	---	---	---	---	---	---	5.6	1.9	---	---	---
25	---	---	---	---	---	---	---	6.5	0.16	---	---	---
26	---	---	---	---	---	---	---	5.7	0.4	---	---	---
27	---	---	---	---	---	---	---	4	2	---	---	---
28	---	---	---	---	---	---	---	2.3	2.1	---	---	---
29	---	---	---	---	---	---	---	2.1	3.6	---	---	---
30	---	---	---	---	---	---	---	2.1	3.5	---	---	---
31	---	---	---	---	---	---	---	1.8	---	---	---	---
Total	0	0	0	0	0	0	0	109.54	52.73	10.32	0	0
Mean	---	---	---	---	---	---	---	4.2	1.8	0.85	---	---
Max	---	---	---	---	---	---	---	13	3.6	2.9	---	---
Min	---	---	---	---	---	---	---	0.74	0.16	0.00	---	---
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217	105	20	0.00	0.00

CAL YEAR 2001

WTR YEAR 2002 TOTAL 172.59 MEAN 2.5 MAX 13 MIN 0.000 AC-FT 342

13057990 WILLOW CREEK AT FREEMAN PARK AT IDAHO FALLS, ID

LOCATION.-Lat 43°30'53", long 112°03'00", in SW¼SE¼ sec. 12, T. 02N., R. 37E., Bonneville County, on downstream right bank of culvert at road crossing in Freeman Park, approx. 0.2 mi upstream from mouth.

PERIOD OF RECORD.-June 2002 to current year. Station operated by University of Idaho, Water Resources Research Institute.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 13.0 ft³/s June 26; 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	---	---	---	---	---	---	---	---	---	1.3	0.00	0.00
2	---	---	---	---	---	---	---	---	---	0.00	0.91	1.1
3	---	---	---	---	---	---	---	---	---	0.00	0.62	1.4
4	---	---	---	---	---	---	---	---	---	0.69	0.00	0.5
5	---	---	---	---	---	---	---	---	---	1.6	0.00	0.00
6	---	---	---	---	---	---	---	---	---	1.2	0.00	0.091
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.039
8	---	---	---	---	---	---	---	---	---	0.015	0.74	0.00
9	---	---	---	---	---	---	---	---	---	0.029	1.3	0.00
10	---	---	---	---	---	---	---	---	---	0.61	1	0.69
11	---	---	---	---	---	---	---	---	---	0.58	2	5.5
12	---	---	---	---	---	---	---	---	---	0.00	5.2	1.1
13	---	---	---	---	---	---	---	---	---	1.6	0.49	2.3
14	---	---	---	---	---	---	---	---	---	5	0.16	12
15	---	---	---	---	---	---	---	---	---	12	1.4	0.5
16	---	---	---	---	---	---	---	---	---	11	0.00	1.3
17	---	---	---	---	---	---	---	---	---	9.7	0.00	2
18	---	---	---	---	---	---	---	---	---	10	0.045	1.1
19	---	---	---	---	---	---	---	---	---	12	1.4	1
20	---	---	---	---	---	---	---	---	---	8.7	1.2	0.078
21	---	---	---	---	---	---	---	---	---	5.1	0.65	0.00
22	---	---	---	---	---	---	---	---	---	4.7	0.38	0.012
23	---	---	---	---	---	---	---	---	---	4.6	0.36	0.9
24	---	---	---	---	---	---	---	---	---	7.8	0.56	0.67
25	---	---	---	---	---	---	---	---	---	10	1.1	0.98
26	---	---	---	---	---	---	---	---	---	13	1.8	0.64
27	---	---	---	---	---	---	---	---	---	9	1	0.05
28	---	---	---	---	---	---	---	---	---	8.8	1.3	0.00
29	---	---	---	---	---	---	---	---	---	3.1	5.3	0.015
30	---	---	---	---	---	---	---	---	---	0.14	0.78	0.045
31	---	---	---	---	---	---	---	---	---	0.56	0.38	---
Total	0	0	0	0	0	0	0	0	136.24	24.51	26.04	157.52
Mean	---	---	---	---	---	---	---	---	7.7	0.79	0.84	5.2
Max	---	---	---	---	---	---	---	---	13	5.3	5.2	12
Min	---	---	---	---	---	---	---	---	0.14	0.00	0.00	0.00
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270	49	52	312

CAL YEAR 2001

WTR YEAR 2002 TOTAL 344.31 MEAN 3.1 MAX 13 MIN 0.000 AC-FT 683

13069548 STERLING WASTE NEAR SPRINGFIELD, ID

LOCATION.-Lat 43°01'49", long 112°43'40" in NE¼SW¼ 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 good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 16.0 ft³/s Aug 10; minimum daily, 0.5 ft³/s May 29.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	5	0.6	10	3.8	2.2
2	---	---	---	---	---	---	---	6.5	1.7	2.3	3.8	2.2
3	---	---	---	---	---	---	6.4	5.3	1.9	2.8	3.5	2.3
4	---	---	---	---	---	---	6.4	4.3	2.5	3.3	3.8	2.2
5	---	---	---	---	---	---	6.3	4.3	2.4	3.5	12	0.93
6	---	---	---	---	---	---	6.1	5.1	2.6	3.2	11	1.2
7	---	---	---	---	---	---	5.9	6.1	1.6	2.8	12	1.8
8	---	---	---	---	---	---	6	8.9	1.3	2.7	13	2.1
9	---	---	---	---	---	---	6	8.8	1.9	1.1	13	1
10	---	---	---	---	---	---	5.8	9	1.3	1.1	16	1.6
11	---	---	---	---	---	---	5.7	7.9	1.3	1	15	1.8
12	---	---	---	---	---	---	5.8	8.4	1.7	0.66	14	1.3
13	---	---	---	---	---	---	5.5	5.7	2.1	1	11	1.2
14	---	---	---	---	---	---	5.6	2.2	4	1.7	9.3	0.81
15	---	---	---	---	---	---	5.3	1.9	5.2	1.3	9.9	4.5
16	---	---	---	---	---	---	5.8	2	12	0.55	8.8	4.2
17	---	---	---	---	---	---	6	2.1	12	0.89	8.3	3.3
18	---	---	---	---	---	---	5.8	1.9	10	0.85	8.4	3.5
19	---	---	---	---	---	---	6	1.7	12	0.67	2.7	5.7
20	---	---	---	---	---	---	5.9	1.4	12	0.71	1.9	6.1
21	---	---	---	---	---	---	5.5	2.3	15	2	1.6	5.9
22	---	---	---	---	---	---	5.5	1.6	15	1.4	1.6	5.1
23	---	---	---	---	---	---	5.1	2.1	13	0.86	1.8	5.2
24	---	---	---	---	---	---	5.3	2.3	13	0.77	2.5	5.5
25	---	---	---	---	---	---	5.4	2.5	12	0.76	2.1	6.3
26	---	---	---	---	---	---	5.4	2.6	13	1.7	2	11
27	---	---	---	---	---	---	5.2	1.6	12	1.9	2.1	13
28	---	---	---	---	---	---	5.1	0.85	12	1.8	2	13
29	---	---	---	---	---	---	5.2	0.51	12	4.1	1.8	12
30	---	---	---	---	---	---	5.2	0.69	13	3.7	1.9	12
31	---	---	---	---	---	---	---	0.75	---	3.8	2.2	---
Total	0	0	0	0	0	0	159.2	116.3	220.1	64.92	202.8	138.94
Mean	---	---	---	---	---	---	5.7	3.8	7.2	2.1	6.6	4.6
Max	---	---	---	---	---	---	6.4	9	15	10	16	13
Min	---	---	---	---	---	---	5.1	0.51	0.6	0.55	1.6	0.81
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	316	231	437	129	402	276

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 902.26 MEAN 5 MAX 16 MIN 0.51 AC-FT 1790

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; minimum daily, 1.2 ft³/s April 28.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	1.6	85	21	47	24	49
2	---	---	---	---	---	---	1.7	63	38	35	19	31
3	---	---	---	---	---	---	1.6	49	46	33	22	6.5
4	---	---	---	---	---	---	2	42	42	28	33	4.7
5	---	---	---	---	---	---	2	35	42	19	35	4
6	---	---	---	---	---	---	1.9	41	48	14	23	3.3
7	---	---	---	---	---	---	1.7	49	58	27	16	2.4
8	---	---	---	---	---	---	1.8	61	65	31	12	2
9	---	---	---	---	---	---	1.8	48	82	19	15	2.1
10	---	---	---	---	---	---	1.8	38	80	16	24	2.1
11	---	---	---	---	---	---	1.8	23	75	12	35	2.1
12	---	---	---	---	---	---	1.8	26	69	19	28	2
13	---	---	---	---	---	---	1.7	31	62	27	22	1.9
14	---	---	---	---	---	---	1.7	19	63	29	22	1.8
15	---	---	---	---	---	---	1.7	17	64	29	23	1.5
16	---	---	---	---	---	---	1.9	17	75	26	36	1.5
17	---	---	---	---	---	---	1.8	23	75	28	39	1.7
18	---	---	---	---	---	---	1.8	29	46	31	46	1.6
19	---	---	---	---	---	---	1.8	27	31	35	48	2.2
20	---	---	---	---	---	---	1.5	30	38	42	27	20
21	---	---	---	---	---	---	1.4	42	45	53	15	69
22	---	---	---	---	---	---	1.5	77	50	55	15	69
23	---	---	---	---	---	---	1.5	88	63	49	30	62
24	---	---	---	---	---	---	1.4	89	73	40	26	52
25	---	---	---	---	---	---	1.5	90	44	48	34	52
26	---	---	---	---	---	---	1.5	94	26	60	33	50
27	---	---	---	---	---	---	1.4	85	23	57	28	61
28	---	---	---	---	---	---	1.2	77	21	63	21	68
29	---	---	---	---	---	---	12	52	23	44	34	71
30	---	---	---	---	---	---	70	38	42	33	39	79
31	---	---	---	---	---	---	---	32	---	36	40	---
Total	0	0	0	0	0	0	128.8	1517	1530	1085	864	776.4
Mean	---	---	---	---	---	---	4.3	48.9	51	35.1	27.9	25.9
Max	---	---	---	---	---	---	70	94	82	63	48	79
Min	---	---	---	---	---	---	1.2	17	21	12	12	1.5
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	255	3009	3035	2152	1714	1540
CA1 YEAR 2001	TOTAL	5427.40	MEAN	31.2	MAX	86	MIN	1.3	AC-FT	10770		
WTR YEAR 2002	TOTAL	5901.20	MEAN	32.2	MAX	94	MIN	1.2	AC-FT	11700		

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 good.

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

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	38	3.3	5.1	1.8	1.5
2	---	---	---	---	---	---	---	24	5.8	3.1	1.4	1.1
3	---	---	---	---	---	---	---	18	7.9	3.8	1.4	0.69
4	---	---	---	---	---	---	---	17	8.8	3.9	1.3	0.00
5	---	---	---	---	---	---	---	17	9.6	4.5	1.7	0.00
6	---	---	---	---	---	---	---	17	9.4	3.6	1.5	0.00
7	---	---	---	---	---	---	---	9	10	4.2	2.8	0.00
8	---	---	---	---	---	---	---	10	13	4.3	3.1	0.00
9	---	---	---	---	---	---	---	8	25	3.5	3.1	0.00
10	---	---	---	---	---	---	---	5.6	32	3.1	2.8	0.00
11	---	---	---	---	---	---	---	4.9	29	2.6	2.6	0.00
12	---	---	---	---	---	---	---	6.6	29	2.5	2.8	0.00
13	---	---	---	---	---	---	---	6.3	27	3.1	1.7	0.00
14	---	---	---	---	---	---	---	4.4	10	3	0.67	0.00
15	---	---	---	---	---	---	---	5	3.8	3.2	1	0.00
16	---	---	---	---	---	---	---	5.8	4.3	2.8	0.94	0.00
17	---	---	---	---	---	---	---	5.7	3.9	2.5	1.4	0.00
18	---	---	---	---	---	---	---	6.7	3.3	2	1.8	0.00
19	---	---	---	---	---	---	---	5.6	3.9	2.7	2.1	0.00
20	---	---	---	---	---	---	---	5.7	4.9	2.2	2.2	0.00
21	---	---	---	---	---	---	---	15	3.8	2.1	2.4	0.12
22	---	---	---	---	---	---	---	24	4.3	2.3	2.2	0.85
23	---	---	---	---	---	---	---	18	13	1.3	2.1	0.8
24	---	---	---	---	---	---	---	24	13	1.4	1.3	0.91
25	---	---	---	---	---	---	---	36	6.4	1.7	0.86	1.1
26	---	---	---	---	---	---	---	40	4.3	2.8	0.99	1.7
27	---	---	---	---	---	---	---	39	4.3	3.3	0.75	1.7
28	---	---	---	---	---	---	---	25	3.3	5.4	0.7	2.9
29	---	---	---	---	---	---	---	17	4.5	4.5	1.3	4.1
30	---	---	---	---	---	---	24	13	3.8	2.7	1.8	3.7
31	---	---	---	---	---	---	---	5.4	---	2.5	2	---
Total	0	0	0	0	0	0	24	476.7	304.6	95.7	54.51	21.17
Mean	---	---	---	---	---	---	24.3	15.4	10.2	3.1	1.8	0.71
Max	---	---	---	---	---	---	24	40	32	5.4	3.1	4.1
Min	---	---	---	---	---	---	24	4.4	3.3	1.3	0.67	0.00
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	48	946	604	190	108	42

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 976.68 MEAN 6.3 MAX 40 MIN 0.000 AC-FT 1937

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 April 17; minimum daily, 0.01 ft³/s July 29.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	11	2.1	2.8	0.17	2.6
2	---	---	---	---	---	---	---	11	0.98	2.6	0.35	2.3
3	---	---	---	---	---	---	---	10	1	2.7	0.48	2.1
4	---	---	---	---	---	---	---	6.5	0.75	1.1	0.99	2.1
5	---	---	---	---	---	---	---	5	0.7	0.63	1.2	2.3
6	---	---	---	---	---	---	---	4.6	0.66	0.4	2.4	3.4
7	---	---	---	---	---	---	---	4.4	0.72	0.36	2.5	3.2
8	---	---	---	---	---	---	---	4.9	1.2	0.075	2.4	4.7
9	---	---	---	---	---	---	---	3.7	1.9	0.073	2.6	4
10	---	---	---	---	---	---	20e	2.9	3.8	0.11	2.7	4.9
11	---	---	---	---	---	---	19	1.7	1.4	0.078	2.4	4.3
12	---	---	---	---	---	---	18	0.85	1.1	0.065	2.4	4.3
13	---	---	---	---	---	---	18	0.98	0.82	0.046	2.8	3.8
14	---	---	---	---	---	---	17	0.67	0.74	0.077	2.6	3.7
15	---	---	---	---	---	---	18	0.57	1.1	0.03	2.4	3.6
16	---	---	---	---	---	---	25	0.44	1.2	0.053	2.6	3.6
17	---	---	---	---	---	---	29	0.36	3.5	0.039	2.6	4.1
18	---	---	---	---	---	---	27	0.25	1.8	0.019	2.7	4.6
19	---	---	---	---	---	---	24	1.5	1.8	0.11	2.8	4.6
20	---	---	---	---	---	---	24	1.5	2.3	0.091	2.7	4.5
21	---	---	---	---	---	---	23	0.94	1.8	0.4	2.3	4.3
22	---	---	---	---	---	---	19	5.4	1.9	0.24	2.4	4.4
23	---	---	---	---	---	---	16	4.9	1.7	0.16	2.6	4.6
24	---	---	---	---	---	---	16	4.6	3.1	0.027	2.4	5.4
25	---	---	---	---	---	---	16	2.6	3.6	0.028	2.7	4.9
26	---	---	---	---	---	---	15	0.83	3	0.11	2.6	5.2
27	---	---	---	---	---	---	17	1.2	2	0.15	2.7	5.3
28	---	---	---	---	---	---	17	0.8	1.9	0.077	2.9	4.9
29	---	---	---	---	---	---	15	0.54	1.6	0.014	2.8	5
30	---	---	---	---	---	---	10	0.6	3.1	0.023	2.9	4.7
31	---	---	---	---	---	---	---	0.54	---	0.024	2.7	---
Total	0	0	0	0	0	0	403	95.77	53.27	12.71	70.79	121.4
Mean	---	---	---	---	---	---	19.3	3.1	1.8	0.41	2.3	4
Max	---	---	---	---	---	---	29	11	3.8	2.8	2.9	5.4
Min	---	---	---	---	---	---	10	0.25	0.66	0.014	0.17	2.1
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	799	190	106	25	140	241

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 756.94 MEAN 4.4 MAX 29 MIN 0.014 AC-FT 1501

e Estimated

13082032 D3 DRAIN NEAR RUPERT, ID

LOCATION.-Lat 42°36'48", long 113°36'10", 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; 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	---	---	---	---	---	---	---	7.2	10	3.3	0.7	7.9
2	---	---	---	---	---	---	---	2.4	21	5.4	0.22	14
3	---	---	---	---	---	---	---	0.00	25	7.7	0.3	3.9
4	---	---	---	---	---	---	---	8.3	6	11	5.7	2.2
5	---	---	---	---	---	---	---	16	5.7	19	2.6	0.57
6	---	---	---	---	---	---	---	20	10	9	5	4.3
7	---	---	---	---	---	---	---	7.6	14	0.00	4.9	8.1
8	---	---	---	---	---	---	---	9.6	24	1.7	4.6	12
9	---	---	---	---	---	---	---	6.3	12	6.3	8.2	19
10	---	---	---	---	---	---	---	5.8	25	0.48	15	19
11	---	---	---	---	---	---	---	15	6	7.5	14	12
12	---	---	---	---	---	---	---	17	6.1	0.21	13	1.9
13	---	---	---	---	---	---	---	8	16	0.49	8.5	4
14	---	---	---	---	---	---	---	5	15	1.7	1.5	0.2
15	---	---	---	---	---	---	---	9	21	2.4	3.5	2.6
16	---	---	---	---	---	---	---	6.7	4.7	2.6	4.3	4.1
17	---	---	---	---	---	---	---	0.00	5.8	0.01	4.1	1.6
18	---	---	---	---	---	---	---	21	2.3	0.76	4.2	19
19	---	---	---	---	---	---	---	0.00	0.022	0.00	4.4	20
20	---	---	---	---	---	---	---	3	3.4	0.16	2.2	23
21	---	---	---	---	---	---	---	16	2.5	8.4	1.8	19
22	---	---	---	---	---	---	---	12	1.4	9.2	12	31
23	---	---	---	---	---	---	---	8.4	1.5	6.9	17	9.7
24	---	---	---	---	---	---	---	28	1.5	4.7	19	13
25	---	---	---	---	---	---	---	17	0.26	5.8	9.1	25
26	---	---	---	---	---	---	---	15	1.1	7.5	2.7	17
27	---	---	---	---	---	---	---	0.00	2.4	5.9	5.1	0.00
28	---	---	---	---	---	---	---	0.00	6.8	2.7	9.2	3.9
29	---	---	---	---	---	---	---	0.00	6.8	3.5	13	3
30	---	---	---	---	---	---	2	17	2.9	1	11	18
31	---	---	---	---	---	---	---	4.7	---	0.56	9.3	---
Total	0	0	0	0	0	0	2	286	260.18	135.87	216.12	318.97
Mean	---	---	---	---	---	---	2	9.2	8.7	4.4	7	10.6
Max	---	---	---	---	---	---	2	28	25	19	19	31
Min	---	---	---	---	---	---	2	0.00	0.022	0.00	0.22	0.00
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	4	567	516	269	429	633

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1219.14 MEAN 7.9 MAX 31 MIN 0.000 AC-FT 2418

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.-Records poor. Daily discharges furnished by Burley Irrigation District based on twice daily observations.

EXTREAMS FOR PERIOD OF RECORD.-Maximum daily discharge, 60 ft³/s April 26, 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	---	---	---	---	---	---	---	50	58	32	39	8
2	---	---	---	---	---	---	---	9	16	17	12	15
3	---	---	---	---	---	---	---	13	34	7.5	26	8
4	---	---	---	---	---	---	---	27	31	20	31	8
5	---	---	---	---	---	---	---	16	27	17	17	29
6	---	---	---	---	---	---	---	27	34	16	31	13
7	---	---	---	---	---	---	---	32	21	12	29	8
8	---	---	---	---	---	---	---	21	15	31	51	26
9	---	---	---	---	---	---	---	59	32	20	31	20
10	---	---	---	---	---	---	---	40	20	24	18	8
11	---	---	---	---	---	---	---	15	30	23	21	21
12	---	---	---	---	---	---	---	28	8	10	10	14
13	---	---	---	---	---	---	---	19	9.5	27	17	8
14	---	---	---	---	---	---	---	30	8	23	17	8.5
15	---	---	---	---	---	---	---	43	7	21	28	8
16	---	---	---	---	---	---	---	30	7	25	34	21
17	---	---	---	---	---	---	---	19	9	21	34	21
18	---	---	---	---	---	---	---	25	6	33	12	9.5
19	---	---	---	---	---	---	---	18	42	16	24	24
20	---	---	---	---	---	---	37	15	7	41	21	7
21	---	---	---	---	---	---	54	14	27	8.5	17	11
22	---	---	---	---	---	---	---	20	8.5	8.5	21	17
23	---	---	---	---	---	---	24	56	25	8.5	8	9.5
24	---	---	---	---	---	---	50	44	20	26	24	15
25	---	---	---	---	---	---	17	13	9	24	15	25
26	---	---	---	---	---	---	60	22	13	22	14	19
27	---	---	---	---	---	---	31	30	17	49	31	8
28	---	---	---	---	---	---	36	7.5	18	11	30	7
29	---	---	---	---	---	---	18	16	8.5	24	32	19
30	---	---	---	---	---	---	33	13	8.5	15	35	23
31	---	---	---	---	---	---	---	8.5	---	31	19	---
Total	0	0	0	0	0	0	360	780	576	664	749	438.5
Man	---	---	---	---	---	---	35.9	24.9	19.1	21.2	24	14.4
Max	---	---	---	---	---	---	60	59	58	49	51	29
Min	---	---	---	---	---	---	17	7.5	6	7.5	8	7
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	714	1547	1142	1317	1486	870

CAL YAR 2001

WTR YAR 2002 TOTAL 3567.50 MAN 21.9 MAX 60 MIN 6 AC-FT 7076

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

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 7.3 ft³/s June 13; 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	---	---	---	---	---	---	---	3.2	1	0.9	5.7	0.4
2	---	---	---	---	---	---	---	4.3	0.82	1.1	5.5	0.59
3	---	---	---	---	---	---	---	5e	2.5e	1.2	5.2	0.41
4	---	---	---	---	---	---	---	5.7	3.5e	1.4	5.1	0.45
5	---	---	---	---	---	---	---	5.2	3.8	2.3	5	0.99
6	---	---	---	---	---	---	---	5.3e	5	3.8	4.6	1.2
7	---	---	---	---	---	---	---	5.4	6.3	4	4.5	2.7
8	---	---	---	---	---	---	---	5.7e	5.5	4e	4.5	0.5
9	---	---	---	---	---	---	---	6	2	3.2	4.5e	2.6
10	---	---	---	---	---	---	---	3.5	4.7	3.3	4.4e	1.9
11	---	---	---	---	---	---	---	2.9	0.85	3.5	4.2	0.73
12	---	---	---	---	---	---	---	2.5	5.4	4.8	3.9	2.5
13	---	---	---	---	---	---	---	1.5	7.3	5e	4.1	0.58
14	---	---	---	---	---	---	---	0.6	0.96	5.2e	3.7e	0.46
15	---	---	---	---	---	---	---	0.6	0.75	5.2e	3.5	0.58
16	---	---	---	---	---	---	---	0.63	5.1	5.6e	3.5	2.6e
17	---	---	---	---	---	---	---	0.64	4.4	4.8e	3.3	3e
18	---	---	---	---	---	---	---	0.99	3.1	5.3e	3.1	3e
19	---	---	---	---	---	---	---	0.82	0.89	5.6e	3	1.2
20	---	---	---	---	---	---	---	0.73	0.74	5.5e	2.5e	0.55
21	---	---	---	---	---	---	---	5	2	5.1e	2.8	0.55
22	---	---	---	---	---	---	---	6.6	2.5e	5.5e	3	0.58
23	---	---	---	---	---	---	1.1e	0.88	3.3	5.5	3.2	0.58
24	---	---	---	---	---	---	1.2	0.72	3.6e	5.2	3.4e	0.59
25	---	---	---	---	---	---	1.2	2.2	1.9	5.1	3.2	0.62
26	---	---	---	---	---	---	4.4	0.68	0.9	5.3	3.1	0.85
27	---	---	---	---	---	---	3.5	0.68	0.42	5.3	2.2	1.8e
28	---	---	---	---	---	---	2.2	0.68	0.42	5.1	0.37	0.61
29	---	---	---	---	---	---	2.3	0.61	0.6	5.6	0.52e	0.69
30	---	---	---	---	---	---	3	0.66	0.6	6.4	0.85e	0.58
31	---	---	---	---	---	---	---	0.83	---	6.3	0.65e	---
Total	0	0	0	0	0	0	18.9	80.75	80.85	136.1	107.09	34.39
Mean	---	---	---	---	---	---	2.4	2.6	2.7	4.4	3.5	1.1
Max	---	---	---	---	---	---	4.4	6.6	7.3	6.4	5.7	3
Min	---	---	---	---	---	---	1.1	0.6	0.42	0.9	0.37	0.4
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	37	160	160	270	212	68

CAL YEAR 2001

WTR YEAR 2002 TOTAL 458.08 MEAN 2.8 MAX 7.3 MIN 0.37 AC-FT 909

e Estimated

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.

EXTREAMS FOR PERIOD OF RECORD.-Maximum daily discharge, 18.0 ft³/s July 15; 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	---	---	---	---	---	---	2.1	1.6	6.3	8.2	8.5	6.1
2	---	---	---	---	---	---	2.2	1.3	15	8.3	8.4	6.3
3	---	---	---	---	---	---	2	1.5	13	7.8	8.1	6.2
4	---	---	---	---	---	---	2.1	2	14	7.7	8	6.1
5	---	---	---	---	---	---	1.9	1.6	11	8.7	7.9	6.1
6	---	---	---	---	---	---	2	2.7	5.1	10	7.5	7.1
7	---	---	---	---	---	---	1.8	1.7	7.1	9.9	7.4	6.4
8	---	---	---	---	---	---	1.8	2.9	6.7	13	7.5	7.3
9	---	---	---	---	---	---	1.8	2.8	7.2	7.6	12	9.9
10	---	---	---	---	---	---	1.8	1.7	6.2	7.2	12	7.8
11	---	---	---	---	---	---	1.9	1.7	5.8	7	7.2	7.2
12	---	---	---	---	---	---	1.9	1.7	5.4	8.2	6.8	6.8
13	---	---	---	---	---	---	1.8	1.9	5.1	11	7.1	7.2
14	---	---	---	---	---	---	1.6	2.4	5.3	14	10	7.7
15	---	---	---	---	---	---	1.6	2.3	4.8	18	6.5	7.3
16	---	---	---	---	---	---	1.6	2.5	4.9	15	6.6	7.8
17	---	---	---	---	---	---	1.6	2.6	4.9	10	6.4	7.9
18	---	---	---	---	---	---	1.6	2.7	6.7	9.6	6.1	7.8
19	---	---	---	---	---	---	1.6	3.3	5	13	6	7.4
20	---	---	---	---	---	---	1.6	3.3	5.4	9.8	7.3	6.6
21	---	---	---	---	---	---	1.6	5.6	6.2	9.7	5.8	6.2
22	---	---	---	---	---	---	1.8	4.6	6.1	8.8	6.1	5.9
23	---	---	---	---	---	---	2	3.3	6	7.7	6.5	5.7
24	---	---	---	---	---	---	2.3	3.4	9.2	7.5	11	5.5
25	---	---	---	---	---	---	2.8	3.4	6.6	7.3	6.9	5.3
26	---	---	---	---	---	---	2.2	3.1	6.2	7.7	6.8	5.2
27	---	---	---	---	---	---	1.3	3	6	7.8	7.2	7.3
28	---	---	---	---	---	2.2	1.4	2.9	7.2	7.6	6.4	5
29	---	---	---	---	---	2.4	1.7	3	8	8.3	6.2	5.1
30	---	---	---	---	---	2.6	1.8	3.1	7.4	9.3	6.3	4.6
31	---	---	---	---	---	2.5	---	3.4	---	9.2	6.1	---
Total	0	0	0	0	0	9.7	55.2	83	213.8	294.9	232.6	198.8
Mean	---	---	---	---	---	2.4	1.8	2.7	7.1	9.5	7.5	6.6
Max	---	---	---	---	---	2.6	2.8	5.6	15	18	12	9.9
Min	---	---	---	---	---	2.2	1.3	1.3	4.8	7	5.8	4.6
AC-Ft	0.00	0.00	0.00	0.00	0.00	19	109	165	424	585	461	394

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1088.00 MEAN 5.8 MAX 18 MIN 1.3 AC-FT 2158

13082320 MARSH CREEK NEAR DECLO, ID

LOCATION.-Lat 42°31'30", long 113°38'50", in NE⁴NE⁴SE⁴ sec. 28, T. 10S., R. 24E., Cassis 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 good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 29.0 ft³/s June 4; minimum daily, 6.0 ft³/s April 29.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	13	9.5	15	15	21	16
2	---	---	---	---	---	---	14	8	23	16	19	19
3	---	---	---	---	---	---	16	6.5	28	14	20	16
4	---	---	---	---	---	---	15	7.8	29	13	20	15
5	---	---	---	---	---	---	14	8.4	21	13	21	17
6	---	---	---	---	---	---	12	9.3	16	12	22	16
7	---	---	---	---	---	---	11	11	13	12	23	15
8	---	---	---	---	---	---	11	12	11	15	22	15
9	---	---	---	---	---	---	11	11	10	15	19	16
10	---	---	---	---	---	---	11	13	13	17	18	14
11	---	---	---	---	---	---	9.5	12	9.1	17	15	11
12	---	---	---	---	---	---	9.4	11	9.8	16	14	13
13	---	---	---	---	---	---	7.2	13	9.1	16	13	13
14	---	---	---	---	---	---	8.6	13	7.9	16	13	13
15	---	---	---	---	---	---	8.1	11	9.3	20	13	13
16	---	---	---	---	---	---	20	9.8	8.6	21	14	13
17	---	---	---	---	---	---	22	8.2	8.5	24	15	15
18	---	---	---	---	---	---	23	7.1	11	23	17	15
19	---	---	---	---	---	---	22	8.6	15	19	18	15
20	---	---	---	---	---	---	19	9.9	17	20	22	15
21	---	---	---	---	---	---	18	15	18	20	22	14
22	---	---	---	---	---	---	16	15	13	19	18	12
23	---	---	---	---	---	---	14	19	11	15	17	12
24	---	---	---	---	---	---	14	21	12	16	19	12
25	---	---	---	---	---	---	14	17	13	17	16	12
26	---	---	---	---	---	---	9.5	12	11	17	16	12
27	---	---	---	---	---	---	7.6	9.2	11	16	15	14
28	---	---	---	---	---	12	6.1	8.1	13	17	14	13
29	---	---	---	---	---	12	6	6.2	16	18	17	13
30	---	---	---	---	---	12	8.7	9.1	15	19	17	13
31	---	---	---	---	---	13	---	10	---	22	18	---
Total	0	0	0	0	0	49	390.7	341.7	417.3	530	548	422
Mean	---	---	---	---	---	12.2	13	11	14	17.1	17.7	14
Max	---	---	---	---	---	13	23	21	29	24	23	19
Min	---	---	---	---	---	12	6	6.2	7.9	12	13	11
AC-Ft	0.00	0.00	0.00	0.00	0.00	97	775	678	828	1051	1087	837
CAL YEAR 2001												
WTR YEAR 2002	TOTAL	2698.70	MEAN	14.4	MAX	29	MIN	6	AC-FT	5353		

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.-Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 27.0 ft³/s July 15; minimum daily, 5.3 ft³/s April 15, 17.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	5.6	9.7	---	7.6	9.8	15
2	---	---	---	---	---	---	5.6	8.9	---	8.2	15	14
3	---	---	---	---	---	---	5.6	9	---	8.3	14	14
4	---	---	---	---	---	---	5.5	8.9	---	12	16	14
5	---	---	---	---	---	---	5.6	9.1	---	12	9.8	16
6	---	---	---	---	---	---	6.1	9.1	---	9	10	16
7	---	---	---	---	---	---	6.1	10	---	11	9.9	14
8	---	---	---	---	---	---	6	11	---	9.4	9.9	13
9	---	---	---	---	---	---	5.8	9.9	---	10	10	13
10	---	---	---	---	---	---	5.7	9.8	---	9.7	10	12
11	---	---	---	---	---	---	5.6	11	---	10	11	13
12	---	---	---	---	---	---	5.8	12	---	10	12	14
13	---	---	---	---	---	---	5.7	12	---	10	11	13
14	---	---	---	---	---	---	5.6	10	---	13	11	13
15	---	---	---	---	---	---	5.3	8.8	---	27	11	13
16	---	---	---	---	---	---	5.5	7.9	---	18	11	13
17	---	---	---	---	---	---	5.3	8.2	---	15	13	16
18	---	---	---	---	---	---	5.6	6.1	---	15	12	19
19	---	---	---	---	---	---	5.5	5.9	---	9.3	9.6	16
20	---	---	---	---	---	---	5.6	6.2	---	12	8.8	15
21	---	---	---	---	---	---	5.9	6.9	---	10	9.6	14
22	---	---	---	---	---	---	5.9	6.6	---	11	11	15
23	---	---	---	---	---	---	5.7	6.1	---	12	11	18
24	---	---	---	---	---	---	5.5	6	---	13	11	13
25	---	---	---	---	---	---	5.5	6.9	---	13	10	11
26	---	---	---	---	---	---	5.4	6.6	8e	10	11	10
27	---	---	---	---	---	---	5.7	6.5	7.9	8.7	9.1	10
28	---	---	---	---	---	5.9	5.6	6.5e	6.4	8.7	9.4	12
29	---	---	---	---	---	5.7	6	---	7.3	11	13	14
30	---	---	---	---	---	5.8	8.1	---	7.2	9.5	14	12
31	---	---	---	---	---	5.7	---	---	---	9.8	15	---
Total	0	0	0	0	0	23.1	172.4	235.6	36.8	353.2	348.9	415
Mean	---	---	---	---	---	5.8	5.7	8.4	7.4	11.4	11.2	13.8
Max	---	---	---	---	---	5.9	8.1	12	8	27	16	19
Min	---	---	---	---	---	5.7	5.3	5.9	6.4	7.6	8.8	10
AC-Ft	0.00	0.00	0.00	0.00	0.00	46	342	467	73	701	692	823

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 1585.00 MEAN 10 MAX 27 MIN 5.3 AC-FT 3144

e estimated

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.-Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 26.0 ft³/s Sept. 8, 9; 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	---	---	---	---	---	---	---	3.1	---	12	3.9	7
2	---	---	---	---	---	---	---	2.1	---	5.6	3.3	6
3	---	---	---	---	---	---	---	4.7	---	6.3	3.3	5.2
4	---	---	---	---	---	---	---	6.6	---	4.6	6.5	5.3
5	---	---	---	---	---	---	---	9.9	---	4.8	8.4	5.4
6	---	---	---	---	---	---	---	11	---	6.3	9.7	7.7
7	---	---	---	---	---	---	---	7.5	---	6.9	7.3	17
8	---	---	---	---	---	---	---	7.7	---	13	6	26
9	---	---	---	---	---	---	---	8.2	---	15	3.4	26
10	---	---	---	---	---	---	---	6.1	---	9.2	5	21
11	---	---	---	---	---	---	---	2.8	---	6.6	8.6	17
12	---	---	---	---	---	---	---	1.7	---	8.4	12	13
13	---	---	---	---	---	---	---	4.5	---	12	11	11
14	---	---	---	---	---	---	---	3.9	---	12	11	8.8
15	---	---	---	---	---	---	---	1.3	---	17	8.9	11
16	---	---	---	---	---	---	---	0.99	---	19	6.5	13
17	---	---	---	---	---	---	---	5.3	---	19	9.2	11
18	---	---	---	---	---	---	---	3.9	---	13	11	8.6
19	---	---	---	---	---	---	---	2.1	---	11	9.9	6.7
20	---	---	---	---	---	---	---	4.8	---	12	10	4.6
21	---	---	---	---	---	---	---	12	---	15	12	4.3
22	---	---	---	---	---	---	---	14	---	16	8.6	8.6
23	---	---	---	---	---	---	---	14	---	14	10	11
24	---	---	---	---	---	---	---	11	---	7.8	7.8	8.8
25	---	---	---	---	---	---	1.1	7.3	---	4.3	9.7	9.2
26	---	---	---	---	---	---	1.3	5.1	0.5e	4.6	9.8	9.2
27	---	---	---	---	---	---	2	4.8	1.3	2.7	6	10
28	---	---	---	---	---	---	5.7	1e	6.4	2.3	6.7	14
29	---	---	---	---	---	---	4.8	---	9	3.7	8.1	15
30	---	---	---	---	---	---	5.7	---	9.2	4.3	9.5	12
31	---	---	---	---	---	---	---	---	---	4.9	8	---
Total	0	0	0	0	0	0	20.6	167.39	26.4	293.3	251.1	333.4
Mean	---	---	---	---	---	---	3.4	6	5.3	9.5	8.1	11.2
Max	---	---	---	---	---	---	5.7	14	9.2	19	12	26
Min	---	---	---	---	---	---	1.1	0.99	0.5	2.3	3.3	4.3
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	41	332	52	582	498	661

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1092.19 MEAN 8.3 MAX 26 MIN 0.5 AC-FT 2166

e Estimated

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, 6.9 ft³/s Sept. 21; 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	---	---	---	---	---	---	---	2.3	0.19	2.8	1.5	1.6
2	---	---	---	---	---	---	---	4.1	4.1	1.2	1.9	0.57
3	---	---	---	---	---	---	---	2.5	1.8	1.3	1.4	0.33
4	---	---	---	---	---	---	---	1.2	1.8	0.25	3.4	3
5	---	---	---	---	---	---	---	1.7	3.9	0.027	3.1	1.5
6	---	---	---	---	---	---	---	1.5	2	2	1.8	0.45
7	---	---	---	---	---	---	---	2.4	1.2	1.1	2	4.2
8	---	---	---	---	---	---	---	6.3	1	0.67	0.57	3.3
9	---	---	---	---	---	---	---	4.3	0.67	1.1	1.8	3.1
10	---	---	---	---	---	---	---	2.7	1.2	0.57	3.8	3.2
11	---	---	---	---	---	---	---	1.9	1.7	3.1	3	4.4
12	---	---	---	---	---	---	---	4.2	0.28	1.2	0.82	1.8
13	---	---	---	---	---	---	---	3.6	0.48	1.7	1.1	1.7
14	---	---	---	---	---	---	---	2.6	1.1	1.8	2.6	2.3
15	---	---	---	---	---	---	---	1.9	0.38	2.1	3.1	1.5
16	---	---	---	---	---	---	---	1.1	0.28	3	2.9	1.2
17	---	---	---	---	---	---	---	1.2	0.54	2.3	1.2	1.8
18	---	---	---	---	---	---	---	1.2	0.74	2.4	2	3.8
19	---	---	---	---	---	---	---	0.59	2.5	1.2	1	4.1
20	---	---	---	---	---	---	---	0.48	1	3.5	5.8	2.5
21	---	---	---	---	---	---	0.67	2.5	0.44	5.5	5.3	3.2
22	---	---	---	---	---	---	1.3	2.8	1.2	4.3	1.1	6.9
23	---	---	---	---	---	---	0.00	0.83	1.7	3.2	2.2	4.1
24	---	---	---	---	---	---	0.87	---	1.1	5.9	2.1	3.4
25	---	---	---	---	---	---	1.2	---	0.49	3.2	1	2.2
26	---	---	---	---	---	---	0.64	---	2.2	2	0.63	0.95
27	---	---	---	---	---	---	2.2	---	0.63	1.3	2.8	1.1
28	---	---	---	---	---	---	1.7	0.14	0.00	0.96	5	0.93
29	---	---	---	---	---	---	1.2	0.4	0.3	1.6	1.6	1.8
30	---	---	---	---	---	---	1.4	0.11	1.3	0.92	2.9	2.2
31	---	---	---	---	---	---	---	0.27	---	4.8	1.1	---
Total	0	0	0	0	0	0	11.18	54.82	36.22	67	70.52	73.13
Mean	---	---	---	---	---	---	1.1	2	1.2	2.2	2.3	2.4
Max	---	---	---	---	---	---	2.2	6.3	4.1	5.9	5.8	6.9
Min	---	---	---	---	---	---	0.00	0.11	0.00	0.027	0.57	0.33
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	22	109	72	133	140	145

CAL YEAR 2001

WTR YEAR 2002 TOTAL 312.87 MEAN 2 MAX 6.9 MIN 0.000 AC-FT 621

13085060 D17 DRAIN NEAR HEYBURN, ID

LOCATION.-Lat 42°32'53", long 113°50'51", in SE¼SW¼ 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 fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 3.1 ft³/s July 14, 15, Sept. 8; 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	---	---	---	---	---	---	0.14	0.3	1.4	2.5	2.8	2.6
2	---	---	---	---	---	---	0.14	0.42	1.5	2.5	---	2.5
3	---	---	---	---	---	---	0.14	0.54	1.7	2.5	---	2.5
4	---	---	---	---	---	---	0.16	0.64	1.8	2.5	---	2.4
5	---	---	---	---	---	---	0.17	0.71	1.8	2.5	---	2.5
6	---	---	---	---	---	---	0.15	0.9	1.8	2.6	---	2.6
7	---	---	---	---	---	---	0.15	0.85	1.7	2.7	---	2.8
8	---	---	---	---	---	---	0.16	0.87	1.7	2.8	---	3.1
9	---	---	---	---	---	---	0.15	0.89	1.7	2.7	---	2.9
10	---	---	---	---	---	---	0.15	0.82	1.7	2.7	---	2.9
11	---	---	---	---	---	---	0.15	0.81	1.7	2.7	---	2.7
12	---	---	---	---	---	---	0.16	1.3	1.8	2.7	---	2.5
13	---	---	---	---	---	---	0.15	1.6	2	2.9	---	2.5
14	---	---	---	---	---	---	0.15	0.96	2	3.1	---	2.5
15	---	---	---	---	---	---	0.12	0.95	2.1	3.1	---	2.5
16	---	---	---	---	---	---	0.12	0.96	2.2	3	---	2.4
17	---	---	---	---	---	---	0.12	1.1	2.2	3	---	2.3
18	---	---	---	---	---	---	0.11	1.3	2.2	2.9	---	2.3
19	---	---	---	---	---	---	0.11	1.4	2.3	2.9	---	2.1
20	---	---	---	---	---	---	0.11	1.5	2.4	2.8	---	2
21	---	---	---	---	---	---	0.1	1.5	2.4	2.8	---	2.1
22	---	---	---	---	---	---	0.12	1.4	2.3	2.6	---	2.1
23	---	---	---	---	---	---	0.16	1.5	2.4	2.6	2.7	1.9
24	---	---	---	---	---	---	0.14	1.5	2.4	2.7	2.8	1.9
25	---	---	---	---	---	---	0.17	1.5	2.4	2.6	2.9	1.8
26	---	---	---	---	---	---	0.19	1.4	2.4	2.6	2.6	1.7
27	---	---	---	---	---	---	0.2	1.4	2.4	2.6	2.6	1.8
28	---	---	---	---	---	---	0.23	1.4	2.4	2.6	2.5	2
29	---	---	---	---	---	0.13	0.24	1.4	2.4	2.5	2.4	2.2
30	---	---	---	---	---	0.13	0.28	1.5	2.5	2.6	2.5	2.2
31	---	---	---	---	---	0.14	---	1.4	---	2.7	2.5	---
Total	0	0	0	0	0	0.4	4.64	34.72	61.7	84	26.3	70.3
Mean	---	---	---	---	---	0.13	0.15	1.1	2.1	2.7	2.6	2.3
Max	---	---	---	---	---	0.14	0.28	1.6	2.5	3.1	2.9	3.1
Min	---	---	---	---	---	0.13	0.1	0.3	1.4	2.5	2.4	1.7
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.8	9.2	69	122	167	52	139

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 282.06 MEAN 1.7 MAX 3.1 MIN 0.1 AC-FT 559

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 good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 22.0 ft³/s Sept. 30; 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	---	---	---	---	---	---	---	6.9	3.1	10	11	13
2	---	---	---	---	---	---	---	7.3	7.9	9	11	11
3	---	---	---	---	---	---	---	5.6	10	9	11	11
4	---	---	---	---	---	---	---	6.6	11	8.4	12	11
5	---	---	---	---	---	---	---	6.5	9.5	11	13	13
6	---	---	---	---	---	---	---	9.8	9.4	11	14	15
7	---	---	---	---	---	---	---	9.2	10	11	14	20
8	---	---	---	---	---	---	---	13	8.3	14	13	19
9	---	---	---	---	---	---	---	15	8.1	13	10	19
10	---	---	---	---	---	---	---	14	11	11	9.7	19
11	---	---	---	---	---	---	---	13	12	11	9.6	18
12	---	---	---	---	---	---	---	13	8.3	9.9	13	18
13	---	---	---	---	---	---	---	15	7	9.3	17	17
14	---	---	---	---	---	---	---	9.7	5.9	9.9	17	15
15	---	---	---	---	---	---	---	9.5	4.4	13	14	15
16	---	---	---	---	---	---	---	12	3.5	15	13	14
17	---	---	---	---	---	---	---	11	4.3	16	15	11
18	---	---	---	---	---	---	---	5.9	4.9	16	16	10
19	---	---	---	---	---	---	---	6.5	5	15	21	12
20	---	---	---	---	---	---	---	8.7	6	13	18	11
21	---	---	---	---	---	---	---	15	6.4	12	16	9.7
22	---	---	---	---	---	---	---	4.8	18	6.4	13	10
23	---	---	---	---	---	---	---	7.6	18	10	13	13
24	---	---	---	---	---	---	---	10	15	7.8	13	9.1
25	---	---	---	---	---	---	---	11	11	7	15	8.8
26	---	---	---	---	---	---	---	8.9	8.5	7.3	14	9.5
27	---	---	---	---	---	---	---	7.2	9.8	8.2	13	10
28	---	---	---	---	---	---	---	7.4	9.3	9	12	14
29	---	---	---	---	---	---	---	7.5	5.6	9.6	13	17
30	---	---	---	---	---	---	---	6.9	4	9	12	14
31	---	---	---	---	---	---	---	3.2	---	10	14	---
Total	0	0	0	0	0	0	71.3	315.6	230.3	375.5	406.7	425.7
Mean	---	---	---	---	---	---	7.9	10.1	7.7	12.2	13.1	14.2
Max	---	---	---	---	---	---	11	18	12	16	21	22
Min	---	---	---	---	---	---	4.8	3.2	3.1	8.4	8.8	9.7
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	141	626	457	745	807	844

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1825.10 MEAN 11.3 MAX 22 MIN 3.1 AC-FT 3620

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, 51.0 ft³/s July 16; 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	---	---	---	---	---	---	---	32	29	15	31	22
2	---	---	---	---	---	---	---	15	33	14	34	20
3	---	---	---	---	---	---	---	19	37	3.4	21	15
4	---	---	---	---	---	---	---	22	35	9.6	41	25
5	---	---	---	---	---	---	---	22	27	28	31	18
6	---	---	---	---	---	---	---	25	28	25	38	33
7	---	---	---	---	---	---	---	18	20	27	38	22
8	---	---	---	---	---	---	---	42	20	15	30	27
9	---	---	---	---	---	---	---	23	23	7.8	25	29
10	---	---	---	---	---	---	---	21	26	20	25	30
11	---	---	---	---	---	---	---	23	16	16	24	24
12	---	---	---	---	---	---	---	13	17	11	21	18
13	---	---	---	---	---	---	---	21	13	7.7	37	29
14	---	---	---	---	---	---	---	36	8.9	24	20	20
15	---	---	---	---	---	---	---	35	4.4	50	4.5	6.5
16	---	---	---	---	---	---	---	26	8.8	51	24	23
17	---	---	---	---	---	---	---	24	25	40	15	27
18	---	---	---	---	---	---	46	21	19	29	35	27
19	---	---	---	---	---	---	46	24	23	21	25	26
20	---	---	---	---	---	---	35	29	20	33	28	31
21	---	---	---	---	---	---	33	28	13	45	21	38
22	---	---	---	---	---	---	29	26	8.2	38	20	38
23	---	---	---	---	---	---	40	29	22	32	24	20
24	---	---	---	---	---	---	33	24	18	28	25	2.5
25	---	---	---	---	---	---	22	20	13	23	33	32
26	---	---	---	---	---	---	21	21	6.1	11	29	35
27	---	---	---	---	---	---	24	21	2.1	7.1	28	29
28	---	---	---	---	---	---	32	29	1.2	31	21	26
29	---	---	---	---	---	---	18	25	1.7	25	23	17
30	---	---	---	---	---	---	22	21	2.2	8.6	17	17
31	---	---	---	---	---	---	---	19	---	22	9.7	---
Total	0	0	0	0	0	0	401	754	520.6	718.2	798.2	727
Mean	---	---	---	---	---	---	30.8	24.3	17.3	23.2	25.7	24.3
Max	---	---	---	---	---	---	46	42	37	51	41	38
Min	---	---	---	---	---	---	18	13	1.2	3.4	4.5	2.5
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	795	1496	1033	1425	1583	1442

CAL YEAR 2001

WTR YEAR 2002 TOTAL 3919.00 MEAN 23.6 MAX 51 MIN 1.2 AC-FT 7773

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, 31.0 ft³/s April 22; 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	---	---	---	---	---	---	---	19	6.1	5.7	9.1	19
2	---	---	---	---	---	---	---	23	8.4	5.5	9.4	3.1
3	---	---	---	---	---	---	---	19	11	1	5.6	3.9
4	---	---	---	---	---	---	6.2	11	7.8	2.5	11	14
5	---	---	---	---	---	---	6	8.4	7.5	4.5	11	8.4
6	---	---	---	---	---	---	6.3	14	4.3	12	6.8	13
7	---	---	---	---	---	---	6	10	2.2	12	3.9	6.2
8	---	---	---	---	---	---	6	21	6.6	6.2	3.8	17
9	---	---	---	---	---	---	6	6.8	10	4.8	11	18
10	---	---	---	---	---	---	6	8.6	4.8	8.8	11	17
11	---	---	---	---	---	---	6.1	7.2	2.2	1.7	5.6	17
12	---	---	---	---	---	---	6.1	7.3	1.9	4.8	7.6	11
13	---	---	---	---	---	---	6.1	5.7	1.8	0.31	8	4.7
14	---	---	---	---	---	---	6.3	2.7	2.7	9.1	12	18
15	---	---	---	---	---	---	5.8	1.4	0.78	15	7.2	16
16	---	---	---	---	---	---	5.9	14	2.8	19	6.4	16
17	---	---	---	---	---	---	5.9	7.4	13	20	19	19
18	---	---	---	---	---	---	7.6	3	11	16	21	7.1
19	---	---	---	---	---	---	26	0.7	12	18	11	7.8
20	---	---	---	---	---	---	26	9.1	2.7	18	6.9	6.3
21	---	---	---	---	---	---	17	12	4.2	9.3	8.6	3.8
22	---	---	---	---	---	---	31	16	1.7	6.5	12	8.8
23	---	---	---	---	---	---	24	7.8	13	7.7	9.6	9.7
24	---	---	---	---	---	---	20	9.2	10	12	11	14
25	---	---	---	---	---	---	17	7.5	2.8	5.3	15	15
26	---	---	---	---	---	---	24	7.8	1.1	4.1	19	9.6
27	---	---	---	---	---	---	21	8.1	6.2	1.6	17	9.1
28	---	---	---	---	---	---	18	4.5	2	13	18	4.5
29	---	---	---	---	---	---	15	11	1	10	11	17
30	---	---	---	---	---	---	22	4.2	5.3	6.9	14	22
31	---	---	---	---	---	---	---	5.8	---	8.4	17	---
Total	0	0	0	0	0	0	353.3	293.2	166.88	269.71	339.5	356
Mean	---	---	---	---	---	---	13.2	9.4	5.6	8.7	10.9	11.8
Max	---	---	---	---	---	---	31	23	13	20	21	22
Min	---	---	---	---	---	---	5.8	0.7	0.78	0.31	3.8	3.1
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	701	582	331	535	673	706

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 1778.59 MEAN 9.9 MAX 31 MIN 0.31 AC-FT 3528

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; 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	---	---	---	---	---	---	---	2.9	7.7	4	1.7	3.8
2	---	---	---	---	---	---	---	2.1	7.7	6.4	3	5.3
3	---	---	---	---	---	---	---	4.5	8	7.7	3.7	6.3
4	---	---	---	---	---	---	---	5.1	9.1	7.4	4.6	5
5	---	---	---	---	---	---	---	5.5	8	7.6	4.8	4.8
6	---	---	---	---	---	---	---	6.1	6.5	7.4	5.7	4.7
7	---	---	---	---	---	---	---	4.5	5.1	8.1	6	4.9
8	---	---	---	---	---	---	---	7.8	4.1	8.3	7.3	6.2
9	---	---	---	---	---	---	---	7.7	3.4	7.8	7.2	6.7
10	---	---	---	---	---	---	---	5.7	3.1	8	6	5.8
11	---	---	---	---	---	---	---	3.7	1.3	8.5	5.7	4.1
12	---	---	---	---	---	---	---	3.6	1.5	8.9	6.5	4.2
13	---	---	---	---	---	---	---	---	1.9	9.1	6.2	4.5
14	---	---	---	---	---	---	---	---	3.5	8.4	5.8	4.9
15	---	---	---	---	---	---	---	---	3.1	9.2	5.3	5.6
16	---	---	---	---	---	---	---	---	4	8.2	3.8	5.4
17	---	---	---	---	---	---	---	---	4.5	7.4	4.1	4.9
18	---	---	---	---	---	---	---	---	4.2	4.3	4.7	5.2
19	---	---	---	---	---	---	---	---	3.9	3.8	4.1	4.8
20	---	---	---	---	---	---	---	---	4.2	3.7	3.2	4.9
21	---	---	---	---	---	---	---	---	4.3	6.6	2	5
22	---	---	---	---	---	---	---	---	4.4	7.1	1.9	5.3
23	---	---	---	---	---	---	---	7.7	5.1	3.6	3.1	5.3
24	---	---	---	---	---	---	0.71	7.9	5.2	1.7	4.3	4.8
25	---	---	---	---	---	---	1.4	6.2	2.9	1.9	5.3	5.5
26	---	---	---	---	---	---	1.7	6.5	2.8	2.7	5.4	5.4
27	---	---	---	---	---	---	5.5	6.6	1.6	2.5	4	5.4
28	---	---	---	---	---	---	4.5	5.9	1.6	4	2.7	4.8
29	---	---	---	---	---	---	5.5	6.2	3.5	6.9	1.9	4.9
30	---	---	---	---	---	---	6.3	5.9	3.7	6.3	2.3	5.1
31	---	---	---	---	---	---	---	6.8	---	2	1.9	---
Total	0	0	0	0	0	0	25.61	118.9	129.9	189.5	134.2	153.5
Mean	---	---	---	---	---	---	3.7	5.7	4.3	6.1	4.3	5.1
Max	---	---	---	---	---	---	6.3	7.9	9.1	9.2	7.3	6.7
Min	---	---	---	---	---	---	0.71	2.1	1.3	1.7	1.7	3.8
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	51	236	258	376	266	304

CAL YEAR 2001

WTR YEAR 2002 TOTAL 751.61 MEAN 5 MAX 9.2 MIN 0.71 AC-FT 1491

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 fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 22.0 ft³/s April 28; 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	---	---	---	---	---	---	---	12	3.9	1.5	0.84	2.1
2	---	---	---	---	---	---	---	3.6	7.3	1.5	1.1	2.5
3	---	---	---	---	---	---	---	8	4.9	0.35	1.2	1.5
4	---	---	---	---	---	---	---	7.7	0.32	0.37	3.7	0.34
5	---	---	---	---	---	---	---	1.3	0.61	1.3	3.1	0.71
6	---	---	---	---	---	---	---	0.37	0.99	1.5	1.7	0.92
7	---	---	---	---	---	---	---	0.42	3.2	0.74	1.3	1.3
8	---	---	---	---	---	---	---	6.4	8	0.88	3.8	1
9	---	---	---	---	---	---	---	5.9	9.6	1.5	1.7	1.7
10	---	---	---	---	---	---	---	0.55	7.6	1.1	2.5	1.9
11	---	---	---	---	---	---	---	0.28	2.9	0.58	1.8	2.1
12	---	---	---	---	---	---	---	0.18	0.82	0.57	5.9	2.2
13	---	---	---	---	---	---	---	0.35	0.24	2.5	2.2	1.9
14	---	---	---	---	---	---	---	0.31	0.78	6.5	2.1	3.2
15	---	---	---	---	---	---	---	0.65	0.12	6.8	0.28	6.2
16	---	---	---	---	---	---	---	1.5	0.65	1.4	1.8	3.4
17	---	---	---	---	---	---	---	1.2	0.63	1.1	5.6	2.9
18	---	---	---	---	---	---	---	2.3	0.27	1.2	5.2	1.6
19	---	---	---	---	---	---	---	1.6	0.78	2	2.5	1.3
20	---	---	---	---	---	---	---	1.4	5.2	4.5	2.4	0.83
21	---	---	---	---	---	---	---	1.2	9.4	3.4	1.5	2.5
22	---	---	---	---	---	---	---	6.4	9.6	1.1	1.2	4.9
23	---	---	---	---	---	---	4.3	6.7	13	0.46	1.4	6.6
24	---	---	---	---	---	---	2.1	1.1	13	0.23	2.6	2.6
25	---	---	---	---	---	---	3.3	0.85	7.1	0.2	4.6	1.9
26	---	---	---	---	---	---	10	0.66	4.7	0.33	1.2	1.3
27	---	---	---	---	---	---	15	0.53	5.2	0.59	1.2	1.3
28	---	---	---	---	---	---	22	0.31	2	1.4	1.1	1.6
29	---	---	---	---	---	---	16	1	0.2	1.9	0.46	4.6
30	---	---	---	---	---	---	3.6	0.41	0.72	0.21	0.63	---
31	---	---	---	---	---	---	---	0.86	---	0.27	1.2	---
Total	0	0	0	0	0	0	76.3	76.03	123.73	47.98	67.81	62.3
Mean	---	---	---	---	---	---	9.5	2.5	4.1	1.6	2.2	2.2
Max	---	---	---	---	---	---	22	12	13	6.8	5.9	6.6
Min	---	---	---	---	---	---	2.1	0.18	0.12	0.2	0.28	0.34
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	151	151	245	95	134	124

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 454.15 MEAN 2.9 MAX 22 MIN 0.12 AC-FT 901

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.) Prior to Aug. 31, 1938, at site 2,000 ft downstream at different datum.

REMARKS.-No estimated daily discharges. 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. At times practically the entire flow is diverted at Milner during irrigation season; no diversions between Milner and Kimberly. Diversion above station for irrigation of about 2,020,000 acres, of which about 537,000 acres are irrigated by withdrawals from ground water and about 364,000 acres are irrigated below the station. Considerable water leaks into the Snake River Plain aquifer upstream, a small part of which returns through springs a few miles above station.

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 f³/s Nov. 9; minimum daily, 185 ft³/s Apr. 12.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	393	784	937	969	867	795	743	210	260	289	581	628
2	385	796	943	967	867	792	500	212	258	300	585	638
3	433	827	949	972	849	791	250	240	290	309	584	636
4	336	848	960	961	846	791	231	215	255	305	604	611
5	378	869	978	932	837	792	223	228	232	309	607	627
6	379	942	985	935	836	811	208	209	264	310	604	644
7	379	1040	982	932	838	850	197	260	274	315	598	658
8	378	945	970	932	839	833	198	211	282	322	604	647
9	376	1110	969	932	833	799	193	244	241	322	606	643
10	380	1090	969	930	835	795	210	257	256	316	606	637
11	378	1100	973	925	835	813	205	253	279	309	602	635
12	368	1100	990	924	835	807	185	215	256	325	607	636
13	365	970	1030	923	833	795	195	208	264	327	602	625
14	366	996	992	920	832	791	193	231	272	356	599	621
15	349	974	995	857	830	863	188	216	250	370	593	630
16	339	964	997	842	831	910	193	245	239	508	597	631
17	328	964	999	832	833	909	210	218	262	598	603	638
18	454	961	998	831	834	872	203	244	255	581	610	637
19	687	958	999	832	835	869	201	233	262	579	616	642
20	650	956	1000	833	827	868	200	212	251	580	608	628
21	645	929	996	840	816	869	218	242	269	585	601	623
22	671	938	998	836	811	878	209	243	311	591	601	623
23	615	915	995	841	820	901	197	250	285	584	601	630
24	636	879	960	845	824	904	211	235	264	579	609	625
25	645	873	965	869	815	894	191	238	264	576	622	626
26	735	876	966	874	808	852	218	234	275	572	625	629
27	742	875	970	875	795	833	213	237	278	569	624	628
28	740	934	969	872	798	787	219	250	283	578	614	627
29	742	960	971	870	---	744	221	235	299	587	612	630
30	785	938	970	868	---	736	214	250	293	586	620	635
31	801	---	971	868	---	730	---	245	---	584	616	---
Total	15858	28311	30346	27639	23259	25674	7037	7220	8023	14021	18761	18968
Mean	511.6	943.5	978.8	891.6	830.6	828.2	234.6	232.9	267.4	452.2	605.2	632.3
Max	801	1110	1030	972	867	910	743	260	311	598	625	658
Min	328	784	937	831	795	730	185	208	232	289	581	611
AC-Ft	31450	56150	60190	54820	46130	50920	13960	14320	15910	27810	37210	37620

CAL YEAR 2001	TOTAL	245585.00	MEAN	676.5	MAX	1900	MIN	293	AC-FT	487100
WTR YEAR 2002	TOTAL	225752.00	MEAN	616.8	MAX	1110	MIN	185	AC-FT	447800

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; minimum daily 3.2 ft³/s April 18, 21, 22.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	3.7	14	27	13	23	26
2	---	---	---	---	---	---	3.5	14	24	17	24	32
3	---	---	---	---	---	---	3.6	13	26	20	27	32
4	---	---	---	---	---	---	3.5	12	21	19	30	27
5	---	---	---	---	---	---	3.8	10	18	21	29	26
6	---	---	---	---	---	---	3.7	11	18	22	26	25
7	---	---	---	---	---	---	3.5	13	17	24	25	27
8	---	---	---	---	---	---	3.4	14	20	23	27	29
9	---	---	---	---	---	---	3.4	14	24	21	25	32
10	---	---	---	---	---	---	3.4	14	24	21	26	32
11	---	---	---	---	---	---	3.5	12	18	22	23	32
12	---	---	---	---	---	---	3.4	9.2	15	21	26	28
13	---	---	---	---	---	---	3.4	9.7	14	20	26	30
14	---	---	---	---	---	---	3.7	13	15	20	24	30
15	---	---	---	---	---	---	3.7	16	15	23	22	31
16	---	---	---	---	---	---	3.4	14	13	23	26	30
17	---	---	---	---	---	---	3.6	12	13	27	29	29
18	---	---	---	---	---	---	3.2	11	19	29	28	31
19	---	---	---	---	---	---	3.3	17	19	31	28	31
20	---	---	---	---	---	---	3.4	16	21	28	25	34
21	---	---	---	---	---	4.3	3.2	20	19	27	27	38
22	---	---	---	---	---	4.7	3.2	22	16	24	26	40
23	---	---	---	---	---	4.8	3.4	15	13	23	29	37
24	---	---	---	---	---	4.2	10	16	13	23	28	30
25	---	---	---	---	---	3.9	13	13	14	23	28	29
26	---	---	---	---	---	3.9	11	14	12	26	29	30
27	---	---	---	---	---	3.9	12	16	11	26	28	26
28	---	---	---	---	---	3.7	16	15	13	25	24	27
29	---	---	---	---	---	3.7	14	18	15	22	23	30
30	---	---	---	---	---	3.6	14	20	12	23	25	32
31	---	---	---	---	---	3.7	---	23	---	25	26	---
Total	0	0	0	0	0	48.9	169.9	450.9	519	712	812	913
Mean	---	---	---	---	---	4.1	5.7	14.6	17.4	23	26.1	30.5
Max	---	---	---	---	---	4.8	16	23	27	31	30	40
Min	---	---	---	---	---	3.6	3.2	9.2	11	13	22	25
AC-Ft	0.00	0.00	0.00	0.00	0.00	97	337	894	1029	1412	1611	1811

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 3625.70 MEAN 18.6 MAX 40 MIN 3.2 AC-FT 7191

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.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 22.0 ft³/s April 26; minimum daily, 0.41 ft³/s Aug. 14.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	1.6	15	9.8	3	5.4	4.6
2	---	---	---	---	---	---	2.5	5.7	10	3.4	5.8	6.7
3	---	---	---	---	---	---	2.1	1.3	11	2.2	11	7
4	---	---	---	---	---	---	1.7	3.5	10	5.2	8.8	3.7
5	---	---	---	---	---	---	1.2	11	12	6.5	8	4
6	---	---	---	---	---	---	1.5	10	11	3.7	4.9	6.1
7	---	---	---	---	---	---	1.4	9.2	13	3.4	3.5	8
8	---	---	---	---	---	---	1.7	9.2	13	2	5.5	5.7
9	---	---	---	---	---	---	2.1	7.9	16	4.6	4.4	8
10	---	---	---	---	---	---	4.9	9.3	16	7.5	4.7	7.8
11	---	---	---	---	---	---	1.5	9.9	11	6.9	3.1	6.6
12	---	---	---	---	---	---	0.62	9.6	11	6.3	3.6	7
13	---	---	---	---	---	---	1.1	13	9.3	6.3	1.5	5.6
14	---	---	---	---	---	---	1.1	14	7.5	6.3	0.41	5.2
15	---	---	---	---	---	---	1.9	14	5.9	6.7	1.8	4.9
16	---	---	---	---	---	---	2.3	11	5.1	5	3.5	6.8
17	---	---	---	---	---	---	6.1	12	5.3	9.1	3.6	9.9
18	---	---	---	---	---	---	1.5	9.1	6.9	10	4.3	8.9
19	---	---	---	---	---	---	1.9	5.9	7.7	7.6	4.6	8.3
20	---	---	---	---	---	---	9.7	6	10	4.5	4.8	8
21	---	---	---	---	---	1.7	9.6	9	8.1	2.7	5.5	6
22	---	---	---	---	---	2.1	6.8	9.3	5.1	2.7	4.8	6.8
23	---	---	---	---	---	2.1	12	12	8.7	0.92	6.7	6.4
24	---	---	---	---	---	1.4	13	11	7.8	0.72	7	6.3
25	---	---	---	---	---	2.7	21	10	7.7	1.1	7.1	6.3
26	---	---	---	---	---	2.3	22	11	7.8	6.6	3.5	6.8
27	---	---	---	---	---	2.1	7.5	12	6.3	11	2.7	8
28	---	---	---	---	---	2.1	7.4	8.3	4.6	9.5	5.7	7.7
29	---	---	---	---	---	1.8	8.6	6.8	3.8	8.4	4.6	9.1
30	---	---	---	---	---	0.83	6.8	7.5	2.7	4.9	6.6	8.5
31	---	---	---	---	---	0.8	---	8.2	---	3.6	4.3	---
Total	0	0	0	0	0	21.43	163.12	291.7	264.1	162.34	151.71	204.7
Mean	---	---	---	---	---	1.8	5.5	9.4	8.8	5.2	4.9	6.8
Max	---	---	---	---	---	2.7	22	15	16	11	11	9.9
Min	---	---	---	---	---	0.8	0.62	1.3	2.7	0.72	0.41	3.7
AC-Ft	0.00	0.00	0.00	0.00	0.00	43	324	579	524	322	301	406

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1259.10 MEAN 6.5 MAX 22 MIN 0.41 AC-FT 2497

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 good

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 17.0 ft³/s Sept. 9; 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	---	---	---	---	---	---	---	5.6	0.00	1.5	4.7	6.6
2	---	---	---	---	---	---	---	4.6	3.2	0.34	3.8	10
3	---	---	---	---	---	---	---	3.9	14	0.00	5.2	9.5
4	---	---	---	---	---	---	---	8.9	9.6	0.00	12	1.8
5	---	---	---	---	---	---	---	10	4.7	0.065	9.9	5.2
6	---	---	---	---	---	---	---	11	3.4	2.7	2.7	11
7	---	---	---	---	---	---	---	7.1	4.2	4.3	2.1	13
8	---	---	---	---	---	---	---	11	1.7	0.025	2.9	15
9	---	---	---	---	---	---	---	8.7	10	0.00	1.9	17
10	---	---	---	---	---	---	---	4.9	15	0.00	3.3	13
11	---	---	---	---	---	---	---	1.1	9	0.00	1.6	11
12	---	---	---	---	---	---	---	0.17	2.9	0.00	2.3	7.3
13	---	---	---	---	---	---	---	0.00	7.3	0.00	0.00	5.8
14	---	---	---	---	---	---	---	0.71	5.1	0.00	0.94	4.8
15	---	---	---	---	---	---	---	1.4	1.9	2.4	5.5	9.7
16	---	---	---	---	---	---	---	0.03	0.053	1.7	0.76	11
17	---	---	---	---	---	---	---	0.00	0.00	0.095	6.4	11
18	---	---	---	---	---	---	---	0.14	0.00	1.3	10	13
19	---	---	---	---	---	---	---	2.8	0.00	0.4	10	8.6
20	---	---	---	---	---	---	---	2.5	0.00	1.5	3.2	5
21	---	---	---	---	---	---	---	3.5	0.00	4.6	4.1	7.8
22	---	---	---	---	---	---	---	9.7	1.3	5.9	6.2	7.8
23	---	---	---	---	---	---	---	3.5	2.1	4.7	4.9	7.2
24	---	---	---	---	---	---	---	4.8	1.5	1.7	5	8
25	---	---	---	---	---	---	---	6.3	0.99	4.6	11	9.7
26	---	---	---	---	---	---	---	2.4	0.00	3.1	13	11
27	---	---	---	---	---	---	---	1.9	1.5	4.2	8.1	12
28	---	---	---	---	---	---	---	0.52	1.3	8.3	8.8	13
29	---	---	---	---	---	---	---	2.2	0.53	5.6	11	10
30	---	---	---	---	---	---	6.8	0.24	0.93	3.6	8.2	9.2
31	---	---	---	---	---	---	---	0.00	---	4	4.5	---
Total	0	0	0	0	0	0	6.8	119.61	102.2	66.63	174	285
Mean	---	---	---	---	---	---	6.8	3.9	3.4	2.2	5.6	9.5
Max	---	---	---	---	---	---	6.8	11	15	8.3	13	17
Min	---	---	---	---	---	---	6.8	0.00	0.00	0.00	0.00	1.8
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	13	237	203	132	345	565

CAL YEAR 2001

WTR YEAR 2002 TOTAL 754.24 MEAN 4.9 MAX 17 MIN 0.000 AC-FT 1496

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; 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	---	---	---	---	---	---	---	23	22	14	21	27
2	---	---	---	---	---	---	---	17	28	8.5	22	30
3	---	---	---	---	---	---	---	19	27	6.6	19	28
4	---	---	---	---	---	---	---	17	22	9.9	19	23
5	---	---	---	---	---	---	---	14	19	12	21	22
6	---	---	---	---	---	---	---	18	18	10	19	30
7	---	---	---	---	---	---	---	18	22	13	18	41
8	---	---	---	---	---	---	---	29	20	11	17	45
9	---	---	---	---	---	---	---	28	22	9.7	18	42
10	---	---	---	---	---	---	---	25	24	11	16	34
11	---	---	---	---	---	---	---	23	23	11	19	31
12	---	---	---	---	---	---	---	19	20	13	17	29
13	---	---	---	---	---	---	---	21	18	16	15	31
14	---	---	---	---	---	---	---	18	16	18	14	33
15	---	---	---	---	---	---	---	19	14	21	13	32
16	---	---	---	---	---	---	---	19	14	16	15	32
17	---	---	---	---	---	---	---	20	16	23	20	31
18	---	---	---	---	---	---	---	24	13	24	19	26
19	---	---	---	---	---	---	---	22	12	27	18	27
20	---	---	---	---	---	---	---	20	13	29	19	24
21	---	---	---	---	---	---	---	21	14	33	19	23
22	---	---	---	---	---	---	17	26	13	33	20	25
23	---	---	---	---	---	---	48	27	12	32	17	25
24	---	---	---	---	---	---	42	26	15	31	19	25
25	---	---	---	---	---	---	41	23	14	28	25	24
26	---	---	---	---	---	---	31	17	11	28	23	21
27	---	---	---	---	---	---	18	18	11	25	20	22
28	---	---	---	---	---	---	22	18	13	25	26	23
29	---	---	---	---	---	---	21	17	13	30	28	22
30	---	---	---	---	---	---	28	13	9.4	27	26	24
31	---	---	---	---	---	---	---	15	---	24	25	---
Total	0	0	0	0	0	0	268	634	508.4	619.7	607	852
Mean	---	---	---	---	---	---	29.9	20.5	17.1	19.9	19.7	28.4
Max	---	---	---	---	---	---	48	29	28	33	28	45
Min	---	---	---	---	---	---	17	13	9.4	6.6	13	21
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	532	1258	1008	1229	1204	1690
CA1 YEAR 2001	TOTAL	2874.22	MEAN	17.4	MAX	29	MIN	0.049	AC-FT	5701		
WTR YEAR 2002	TOTAL	3489.10	MEAN	21.5	MAX	48	MIN	6.6	AC-FT	6921		

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.-Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 236 ft³/s April 26; minimum daily, 22 ft³/s April 6-9, 12, 13.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	30	140	99	47	67	83
2	---	---	---	---	---	---	29	179	113	48	64	83
3	---	---	---	---	---	---	28	92	128	47	53	77
4	---	---	---	---	---	---	27	76	111	43	60	73
5	---	---	---	---	---	---	28	141	100	46	60	74
6	---	---	---	---	---	---	23	146	97	44	62	89
7	---	---	---	---	---	---	22	84	97	44	61	108
8	---	---	---	---	---	---	22	125	98	42	62	111
9	---	---	---	---	---	---	22	149	109	65	63	108
10	---	---	---	---	---	---	23	117	141	43	76	100
11	---	---	---	---	---	---	23	118	129	43	88	102
12	---	---	---	---	---	---	22	116	122	46	60	106
13	---	---	---	---	---	---	22	99	97	47	54	101
14	---	---	---	---	---	---	24	91	90	48	47	104
15	---	---	---	---	---	---	24	97	68	52	53	109
16	---	---	---	---	---	---	24	89	51	56	56	117
17	---	---	---	---	---	---	67	47	66	61	57	126
18	---	---	---	---	---	---	59	49	68	62	60	120
19	---	---	---	---	---	---	57	97	96	57	65	151
20	---	---	---	---	---	---	56	97	115	58	60	168
21	---	---	---	---	---	---	60	113	68	65	65	176
22	---	---	---	---	---	---	69	117	59	74	72	179
23	---	---	---	---	---	---	79	133	64	61	81	186
24	---	---	---	---	---	---	132	82	60	56	82	183
25	---	---	---	---	---	---	116	94	54	60	84	175
26	---	---	---	---	---	30e	236	92	47	63	85	187
27	---	---	---	---	---	29	167	98	54	69	78	166
28	---	---	---	---	---	29	116	73	61	66	77	198
29	---	---	---	---	---	30	166	70	53	67	78	200
30	---	---	---	---	---	29	175	52	46	69	80	192
31	---	---	---	---	---	28	---	66	---	65	77	---
Total	0	0	0	0	0	175	1948	3139	2561	1714	2087	3952
Mean	---	---	---	---	---	29.2	64.9	101.2	85.4	55.2	67.4	131.8
Max	---	---	---	---	---	30	236	179	141	74	88	200
Min	---	---	---	---	---	28	22	47	46	42	47	73
AC-Ft	0.00	0.00	0.00	0.00	0.00	347	3864	6226	5080	3400	4140	7839

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 15576.00 MEAN 82.4 MAX 236 MIN 22 AC-FT 30890

e Estimated

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 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 22.0 ft³/s Sept. 30; minimum daily, 3.2 ft³/s July 12.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	9.9	12	6.5	12	16
2	---	---	---	---	---	---	---	11	17	10	15	16
3	---	---	---	---	---	---	---	12	15	8.8	16	15
4	---	---	---	---	---	---	12	10	13	9.3	16	13
5	---	---	---	---	---	---	13	7.8	10	9.4	15	14
6	---	---	---	---	---	---	12	8	10	7.8	15	18
7	---	---	---	---	---	---	12	8	9.8	7.4	16	16
8	---	---	---	---	---	---	12	8.7	13	7.2	13	14
9	---	---	---	---	---	---	13	7.5	16	7.1	11	11
10	---	---	---	---	---	---	13	8.4	16	5.8	8.6	9.7
11	---	---	---	---	---	---	13	8.6	12	4.4	9.5	9.5
12	---	---	---	---	---	---	12	6.8	10	3.2	9.5	7.8
13	---	---	---	---	---	---	12	7.8	11	3.8	11	7
14	---	---	---	---	---	---	12	5.9	7.7	4.4	12	7.4
15	---	---	---	---	---	---	12	7.1	7	4.7	11	7.2
16	---	---	---	---	---	---	13	9.5	10	5.3	9.3	8
17	---	---	---	---	---	---	12	10	11	5.7	8.6	8.9
18	---	---	---	---	---	---	12	13	8.8	4.8	10	7.1
19	---	---	---	---	---	---	12	13	8.1	3.7	11	8.1
20	---	---	---	---	---	---	13	14	7.9	3.4	11	8.4
21	---	---	---	---	---	---	12	15	6.5	3.6	10	8.1
22	---	---	---	---	---	---	12	15	7.6	3.5	8.9	10
23	---	---	---	---	---	---	12	14	7.6	4.4	9.7	14
24	---	---	---	---	---	---	12	10	7	6.1	10	18
25	---	---	---	---	---	---	9	8.6	8.7	7.4	11	17
26	---	---	---	---	---	---	7	12	9.4	7.1	11	20
27	---	---	---	---	---	---	7.2	13	10	6.6	10	19
28	---	---	---	---	---	---	7	9.3	7.7	10	9	20
29	---	---	---	---	---	---	8.4	7.2	7.4	11	8.4	20
30	---	---	---	---	---	---	12	11	7.1	10	9.8	22
31	---	---	---	---	---	---	---	10	---	8	16	---
Total	0	0	0	0	0	0	308.6	312.1	304.3	200.4	354.3	390.2
Mean	---	---	---	---	---	---	11.5	10	10.2	6.5	11.4	13
Max	---	---	---	---	---	---	13	15	17	11	16	22
Min	---	---	---	---	---	---	7	5.9	6.5	3.2	8.4	7
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	612	619	604	397	703	774

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1869.90 MEAN 10.4 MAX 22 MIN 3.2 AC-FT 3709

13094050 J8 DRAIN NEAR WENDELL, ID

LOCATION.-Lat 42° 40' 27", long 114° 44' 27", in SW¼SW¼NE¼, 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.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 8.0 ft³/s May 23; 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	---	---	---	---	---	---	---	0.93	0.00	0.75	0.00	0.00
2	---	---	---	---	---	---	---	2.7	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	6.1	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	7.3	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	7.1	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	4.8	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	3.6	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	1.8	0.00	0.00	0.00	0.48
9	---	---	---	---	---	---	---	7.7	0.00	0.00	0.00	0.03
10	---	---	---	---	---	---	---	7.6	0.00	0.00	0.00	0.94
11	---	---	---	---	---	---	---	4.8	1.7	0.00	0.00	1.1
12	---	---	---	---	---	---	---	2.9	3.4	0.00	0.00	0.68
13	---	---	---	---	---	---	---	0.47	0.59	0.00	0.00	0.42
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.08
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.011
16	---	---	---	---	---	---	---	3.6	0.00	0.00	0.00	0.057
17	---	---	---	---	---	---	---	3.9	0.00	0.7	0.00	0.05
18	---	---	---	---	---	---	---	2.3	0.00	1.5	0.00	0.28
19	---	---	---	---	---	---	---	0.3	0.00	0.00	0.00	0.017
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	2.4	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	8	0.00	0.00	0.00	0.38
24	---	---	---	---	---	---	---	6.4	0.00	0.00	0.00	0.18
25	---	---	---	---	---	---	---	6.9	0.00	0.00	0.00	0.01
26	---	---	---	---	---	---	---	3.1	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	1.5	0.00	1.2	0.00	0.00	0.27
30	---	---	---	---	---	---	2.2	0.00	2.3	0.00	0.00	3.6
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
Total	0	0	0	0	0	0	3.7	94.7	9.19	2.95	0	8.58
Mean	---	---	---	---	---	---	1.9	3	0.31	0.094	0.000	0.28
Max	---	---	---	---	---	---	2.2	8	3.4	1.5	0.00	3.6
Min	---	---	---	---	---	---	1.5	0.00	0.00	0.00	0.00	0.00
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	7.3	188	18	5.9	0.00	17

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 119.13 MEAN 0.77 MAX 8 MIN 0.000 AC-FT 236

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 good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 119 ft³/s Sept. 19, 30; minimum daily, 41.0 ft³/s April 30.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	59	43	66	51	59	81
2	---	---	---	---	---	---	54	47	75	54	60	84
3	---	---	---	---	---	---	54	52	73	56	60	87
4	---	---	---	---	---	---	52	48	69	53	65	82
5	---	---	---	---	---	---	52	47	61	54	65	88
6	---	---	---	---	---	---	53	45	64	52	63	102
7	---	---	---	---	---	---	53	46	72	52	65	117
8	---	---	---	---	---	---	53	58	78	47	69	111
9	---	---	---	---	---	---	54	54	96	48	68	104
10	---	---	---	---	---	---	53	50	108	53	73	107
11	---	---	---	---	---	---	52	48	100	56	73	109
12	---	---	---	---	---	---	51	50	84	52	62	111
13	---	---	---	---	---	---	48	47	73	52	55	110
14	---	---	---	---	---	---	51	42	70	52	55	110
15	---	---	---	---	---	---	51	45	69	54	58	117
16	---	---	---	---	---	---	52	44	62	56	55	116
17	---	---	---	---	---	---	50	46	62	58	63	118
18	---	---	---	---	---	---	46	44	76	57	69	116
19	---	---	---	---	---	54	47	48	76	59	76	119
20	---	---	---	---	---	54	47	48	73	60	69	118
21	---	---	---	---	---	56	46	58	69	65	71	115
22	---	---	---	---	---	58	46	65	66	67	70	117
23	---	---	---	---	---	59	54	61	68	69	78	114
24	---	---	---	---	---	58	54	60	66	65	84	111
25	---	---	---	---	---	58	59	60	62	56	83	108
26	---	---	---	---	---	56	52	63	60	60	73	115
27	---	---	---	---	---	58	53	61	58	60	75	117
28	---	---	---	---	---	57	53	61	52	62	81	116
29	---	---	---	---	---	57	43	64	52	65	82	118
30	---	---	---	---	---	58	41	59	53	62	83	119
31	---	---	---	---	---	59	---	57	---	59	82	---
Total	0	0	0	0	0	742	1533	1621	2113	1766	2144	3257
Mean	---	---	---	---	---	57.1	51.1	52.4	70.4	56.9	69.1	108.6
Max	---	---	---	---	---	59	59	65	108	69	84	119
Min	---	---	---	---	---	54	41	42	52	47	55	81
AC-Ft	0.00	0.00	0.00	0.00	0.00	1472	3041	3215	4191	3503	4253	6460

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 13176.00 MEAN 67.2 MAX 119 MIN 41 AC-FT 26130

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 poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 6.7 ft³/s June 4; minimum daily, 0.64 ft³/s May 21.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1.6	5	2.6	1.4	1.6
2	---	---	---	---	---	---	---	1.6	6.1	2.3	2.1	1.8
3	---	---	---	---	---	---	---	1.4	6.3	2.1	2	2.2
4	---	---	---	---	---	---	---	1.4	6.7	2.2	2.6	2.7
5	---	---	---	---	---	---	---	1.3	6.4	2.3	2.3	2.8
6	---	---	---	---	---	---	---	1.2	5.2	2.3	2.2	2.8
7	---	---	---	---	---	---	---	1.1	4.4	2.2	2	2.7
8	---	---	---	---	---	---	---	0.88	4.1	2	2	2.8
9	---	---	---	---	---	---	---	0.95	4.1	1.9	2	2.9
10	---	---	---	---	---	---	---	0.95	4.4	2.2	2.2	2.8
11	---	---	---	---	---	---	---	0.96	4.9	2.3	2.3	3.1
12	---	---	---	---	---	---	---	1.1	5	2.3	2.1	3.2
13	---	---	---	---	---	---	---	1.2	5.1	2.4	2	3.3
14	---	---	---	---	---	---	---	0.95	5.4	2.1	2.4	3.4
15	---	---	---	---	---	---	---	1	5.2	2	2.3	3.6
16	---	---	---	---	---	---	---	0.97	5.4	1.9	2	3.6
17	---	---	---	---	---	---	3.1	0.88	5.3	1.9	2	2.2
18	---	---	---	---	---	---	2.3	0.86	6	1.7	1.8	1.4
19	---	---	---	---	---	---	1.3	0.88	3.9	1.7	2.1	1.4
20	---	---	---	---	---	---	0.91	0.69	3.8	1.4	2.1	1.5
21	---	---	---	---	---	---	0.87	0.64	3.7	1.3	2.4	1.5
22	---	---	---	---	---	---	0.85	0.7	3.2	1.2	2.5	1.6
23	---	---	---	---	---	---	0.76	0.76	3.1	1.2	2.7	2.1
24	---	---	---	---	---	---	0.73	0.78	2.9	1.4	2.6	2.4
25	---	---	---	---	---	---	0.78	0.77	3.1	2.7	2.7	2.4
26	---	---	---	---	---	---	1.4	0.88	2.9	3.5	2.7	2.4
27	---	---	---	---	---	---	1.3	0.92	2.9	2.5	2	2.4
28	---	---	---	---	---	---	1.4	0.99	2.6	2	1.2	2.4
29	---	---	---	---	---	---	1.5	1.2	2.6	1.6	1.3	2.4
30	---	---	---	---	---	---	1.8	4	2.7	1.6	1.5	2.4
31	---	---	---	---	---	---	---	5.6	---	1.6	1.5	---
Total	0	0	0	0	0	0	19	39.11	132.4	62.4	65	73.8
Mean	---	---	---	---	---	---	1.4	1.3	4.4	2	2.1	2.5
Max	---	---	---	---	---	---	3.1	5.6	6.7	3.5	2.7	3.6
Min	---	---	---	---	---	---	0.73	0.64	2.6	1.2	1.2	1.4
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	38	78	263	124	129	146

CAL YEAR 2001

WTR YEAR 2002 TOTAL 391.71 MEAN 2.3 MAX 6.7 MIN 0.64 AC-FT 777

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, 6.9 ft³/s Sept. 19; minimum daily, 0.08 ft³/s July 26.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1	0.24	0.44	0.11	0.93
2	---	---	---	---	---	---	---	0.96	0.67	0.59	0.099	1.2
3	---	---	---	---	---	---	---	0.91	0.43	0.74	0.089	2.8
4	---	---	---	---	---	---	---	1	0.51	1.2	0.099	3.3
5	---	---	---	---	---	---	---	0.97	0.26	1.7	0.11	2.2
6	---	---	---	---	---	---	---	1.2	0.21	1.3	0.11	2.3
7	---	---	---	---	---	---	---	0.52	0.16	0.92	0.093	2.5
8	---	---	---	---	---	---	---	0.6	0.15	0.87	0.096	2.3
9	---	---	---	---	---	---	---	1.1	0.16	0.93	0.1	1.7
10	---	---	---	---	---	---	---	1.4	0.26	2.9	0.1	1.7
11	---	---	---	---	---	---	---	2	0.58	2.7	0.11	2.5
12	---	---	---	---	---	---	---	2.2	0.47	2	0.11	2.6
13	---	---	---	---	---	---	---	1.7	0.54	0.6	0.11	3.2
14	---	---	---	---	---	---	---	1.3	0.47	0.42	0.12	3.8
15	---	---	---	---	---	---	---	2.2	0.4	0.36	0.11	5
16	---	---	---	---	---	---	---	3.1	0.46	0.27	0.1	4.9
17	---	---	---	---	---	---	0.2	2.2	0.48	0.3	0.12	4.3
18	---	---	---	---	---	---	0.19	2.9	0.62	0.42	0.11	5.6
19	---	---	---	---	---	---	0.21	3.6	0.58	0.39	0.12	6.9
20	---	---	---	---	---	---	0.2	2.9	0.51	0.16	0.12	6.7
21	---	---	---	---	---	---	0.2	3.6	0.51	0.12	0.12	6.7
22	---	---	---	---	---	---	0.22	4.4	0.5	0.12	0.11	6.7
23	---	---	---	---	---	---	0.16	4.2	0.3	0.13	0.11	6
24	---	---	---	---	---	---	0.14	4.1	0.26	0.29	0.11	5.5
25	---	---	---	---	---	---	0.18	4.5	0.42	0.35	0.12	4.8
26	---	---	---	---	---	---	0.24	4.2	0.47	0.082	0.13	5
27	---	---	---	---	---	---	0.23	4	0.29	0.083	0.13	5
28	---	---	---	---	---	---	0.27	3.1	0.2	0.09	0.24	5.4
29	---	---	---	---	---	---	0.33	3.1	0.21	0.087	0.67	5.8
30	---	---	---	---	---	---	0.6	2.2	0.41	0.086	0.51	6.2
31	---	---	---	---	---	---	---	0.27	---	0.087	0.6	---
Total	0	0	0	0	0	0	3.37	71.43	11.73	20.74	4.99	123.53
Mean	---	---	---	---	---	---	0.24	2.3	0.39	0.67	0.16	4.1
Max	---	---	---	---	---	---	0.6	4.5	0.67	2.9	0.67	6.9
Min	---	---	---	---	---	---	0.14	0.27	0.15	0.082	0.089	0.93
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	6.7	142	23	41	9.9	245

CAL YEAR 2001

WTR YEAR 2002 TOTAL 235.78 MEAN 1.4 MAX 6.9 MIN 0.082 AC-FT 468

13095360 S COULEE NEAR WENDELL, ID

LOCATION.-Lat 42°41'56", long 114°48'19", in SW¼SE¼SW¼ 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 fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 74.0 ft³/s May 9; minimum daily, 1.8 ft³/s Mar. 29, 30, Apr. 7-9, 15, 16, 21.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	2	56	22	26	4.9	18
2	---	---	---	---	---	---	1.9	46	38	21	4.1	21
3	---	---	---	---	---	---	1.9	70	41	15	4.1	20
4	---	---	---	---	---	---	2	73	34	11	7.7	15
5	---	---	---	---	---	---	2.1	49	32	12	12	10
6	---	---	---	---	---	---	2	49	33	13	6.1	16
7	---	---	---	---	---	---	1.8	44	35	17	6.5	43
8	---	---	---	---	---	---	1.8	69	32	19	6.2	49
9	---	---	---	---	---	---	1.8	74	43	15	5.8	47
10	---	---	---	---	---	---	2	67	49	15	6.4	37
11	---	---	---	---	---	---	2.1	60	40	16	8.4	28
12	---	---	---	---	---	---	1.9	51	33	12	10	26
13	---	---	---	---	---	---	1.9	45	27	6.1	6.1	21
14	---	---	---	---	---	---	1.9	38	19	8.5	7	14
15	---	---	---	---	---	---	1.8	34	20	14	4	22
16	---	---	---	---	---	---	1.8	36	24	12	4.7	25
17	---	---	---	---	---	---	1.9	32	26	12	9.4	26
18	---	---	---	---	---	---	2	26	26	18	9.9	21
19	---	---	---	---	---	---	2.1	33	34	24	8	22
20	---	---	---	---	---	---	2.1	30	35	22	7.4	28
21	---	---	---	---	---	---	1.8	32	30	24	13	28
22	---	---	---	---	---	---	40	44	38	20	17	29
23	---	---	---	---	---	---	71	42	39	12	20	34
24	---	---	---	---	---	---	57	41	48	6.2	14	28
25	---	---	---	---	---	---	53	40	48	7.7	18	20
26	---	---	---	---	---	2	41	32	38	3.4	19	14
27	---	---	---	---	---	2	44	34	31	4.6	13	14
28	---	---	---	---	---	1.9	47	26	26	8.3	12	14
29	---	---	---	---	---	1.8	47	21	24	12	14	18
30	---	---	---	---	---	1.8	54	17	19	8.8	12	27
31	---	---	---	---	---	1.9	---	12	---	7.7	20	---
Total	0	0	0	0	0	11.4	494.6	1323	984	423.3	310.7	735
Mean	---	---	---	---	---	1.9	16.5	42.7	32.7	13.6	10	24.5
Max	---	---	---	---	---	2	71	74	49	26	20	49
Min	---	---	---	---	---	1.8	1.8	12	19	3.4	4	10
AC-Ft	0.00	0.00	0.00	0.00	0.00	23	981	2624	1952	840	616	1458

CAL YEAR 2001

WTR YEAR 2002 TOTAL 4282.00 MEAN 22.7 MAX 74 MIN 1.8 AC-FT 8493

13095490 IRRIGATION DRAIN TO BLIND CANYON NEAR WENDELL, ID

LOCATION.-Lat 42°42'28", long 114°47'30", in S4N4E, 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 observed, 40.0 ft³/s, May 22; 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	---	---	---	---	---	---	---	32	---	13	17	24
2	---	---	---	---	---	---	---	27	---	11	15	24
3	---	---	---	---	---	---	---	26	---	7.4	17	27
4	---	---	---	---	---	---	---	32	---	6.3	27	21
5	---	---	---	---	---	---	---	20	---	7.3	29	23
6	---	---	---	---	---	---	---	22	---	7	21	28
7	---	---	---	---	---	---	---	20	---	9.1	17	35
8	---	---	---	---	---	---	---	35	---	8.4	21	30
9	---	---	---	---	---	---	---	33	---	4.5	19	36
10	---	---	---	---	---	---	---	24	---	4.8	18	30
11	---	---	---	---	---	---	---	20	---	5.6	25	25
12	---	---	---	---	---	---	---	22	---	6.5	25	26
13	---	---	---	---	---	---	---	18	---	13	25	19
14	---	---	---	---	---	---	---	14	---	11	27	14
15	---	---	---	---	---	---	---	21	---	15	26	17
16	---	---	---	---	---	---	---	18	---	12	27	18
17	---	---	---	---	---	---	---	17	---	9.9	19	22
18	---	---	---	---	---	---	---	21	---	5.7	20	27
19	---	---	---	---	---	---	---	24	---	12	29	34
20	---	---	---	---	---	---	---	25	8.9	13	26	26
21	---	---	---	---	---	---	---	29	11	16	20	19
22	---	---	---	---	---	---	---	40	12	24	24	20
23	---	---	---	---	---	---	---	31	7.7	23	26	25
24	---	---	---	---	---	---	11	---	11	22	29	32
25	---	---	---	---	---	---	13	---	10	23	28	26
26	---	---	---	---	---	---	13	---	9.7	16	31	18
27	---	---	---	---	---	---	18	---	20	14	23	12
28	---	---	---	---	---	---	25	---	9.9	20	21	19
29	---	---	---	---	---	---	25	---	8.2	23	21	26
30	---	---	---	---	---	---	29	---	5.7	19	25	28
31	---	---	---	---	---	---	---	---	---	17	23	---
Total	0	0	0	0	0	0	134	571	114.1	399.5	721	731
Mean	---	---	---	---	---	---	19.2	24.7	10.4	12.8	23.3	24.4
Max	---	---	---	---	---	---	29	40	20	24	31	36
Min	---	---	---	---	---	---	11	14	5.7	4.5	15	12
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	266	1133	226	792	1430	1450
CA1 YEAR 2001												
WTR YEAR 2002	TOTAL	2670.60	MEAN	20.1	MAX	40	MIN	4.5	AC-FT	5297		

13133785 DRAIN NEAR BICKEL SPRINGS NEAR HAGERMAN, ID

LOCATION.-Lat 42°45'28", long 114°50'48", in NW¼SW¼SW¼ 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.-March 2002 to current year.

GAGE.-Water-stage recorder.

REMARKS.-No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 5.60 ft³/s May 20; 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	---	---	---	---	---	---	---	---	0.00	2.4	2.9	1.8
2	---	---	---	---	---	---	---	---	1.1	2.6	2.9	1.9
3	---	---	---	---	---	---	---	---	2.1	2.9	2.9	2
4	---	---	---	---	---	---	---	---	3.1	2.4	3	1.9
5	---	---	---	---	---	---	---	---	3.4	2.4	3.1	1.9
6	---	---	---	---	---	---	---	---	3.8	2.6	3.2	1.8
7	---	---	---	---	---	---	---	---	3.9	2.7	3.5	0.64
8	---	---	---	---	---	---	---	---	3.6	2.2	3.9	0.00
9	---	---	---	---	---	---	---	---	3.3	2.6	4.1	0.00
10	---	---	---	---	---	---	---	---	3	2.4	4	0.00
11	---	---	---	---	---	---	---	1.1	3	2.7	3.5	0.00
12	---	---	---	---	---	---	---	2.4	3.2	2.9	3.6	0.00
13	---	---	---	---	---	---	---	2.6	3.1	3.1	3.6	0.00
14	---	---	---	---	---	---	---	3	2.9	3.3	3.4	0.00
15	---	---	---	---	---	---	---	2.9	3.1	3.1	3.3	0.011
16	---	---	---	---	---	---	---	2.5	3.2	3	3.3	0.00
17	---	---	---	---	---	---	---	2.9	3.4	2.7	3.1	0.00
18	---	---	---	---	---	---	---	2.9	3.6	3.4	3.3	0.00
19	---	---	---	---	---	---	---	4.5	3.1	3.5	3.8	0.00
20	---	---	---	---	---	---	---	5.6	2.7	3.4	5.4	0.00
21	---	---	---	---	---	---	---	4.7	3.4	3.2	3.7	0.00
22	---	---	---	---	---	---	---	4.5	3.8	3.3	3.6	0.00
23	---	---	---	---	---	---	---	4.5	3.8	3.4	3.3	0.00
24	---	---	---	---	---	---	---	4.1	3.3	3.3	2.5	0.00
25	---	---	---	---	---	---	---	4.2	4	3.3	2.4	0.00
26	---	---	---	---	---	---	---	3.7	4	3.2	2.4	0.00
27	---	---	---	---	---	---	---	0.64	3.7	3.6	2.6	0.00
28	---	---	---	---	---	---	---	0.00	3.5	3.5	2.3	0.00
29	---	---	---	---	---	---	---	0.00	3.3	2.2	1.9	0.00
30	---	---	---	---	---	---	---	0.00	2.8	2.3	1.9	0.00
31	---	---	---	---	---	---	---	0.00	---	3.6	1.8	---
Total	0	0	0	0	0	0	0	56.74	94.2	91.2	98.2	11.95
Mean	---	---	---	---	---	---	---	2.7	3.1	2.9	3.2	0.4
Max	---	---	---	---	---	---	---	5.6	4	3.6	5.4	2
Min	---	---	---	---	---	---	---	0.00	0.00	2.2	1.8	0.00
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113	187	181	195	24

CAL YEAR 2001

WTR YEAR 2002 TOTAL 352.29 MEAN 2.5 MAX 5.6 MIN 0.000 AC-FT 699

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, 15.73 ft, Dec. 3, result of ice jam; minimum, 12.97 ft, Feb. 15.

Gage-Height (FT), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13.53	13.40	13.50	13.23	13.08	13.02	13.15	13.28	13.35	13.32	13.49	13.59
2	13.48	13.37	13.71	13.20	13.06	13.06	13.14	13.35	13.37	13.31	13.49	13.61
3	13.49	13.35	14.31	13.18	13.11	13.06	13.09	13.32	13.38	13.32	13.50	13.61
4	13.48	13.39	13.43	13.21	13.04	13.02	13.05	13.34	13.37	13.31	13.53	13.59
5	13.45	13.42	13.37	13.14	13.10	13.02	13.08	13.32	13.35	13.33	13.54	13.58
6	13.51	13.42	13.34	13.18	13.07	13.10	13.06	13.35	13.33	13.33	13.53	13.58
7	13.46	13.45	13.36	13.18	13.05	13.14	13.08	13.34	13.33	13.35	13.51	13.66
8	13.47	13.44	13.31	13.17	13.09	13.13	13.07	13.37	13.32	13.36	13.51	13.65
9	13.45	13.41	13.31	13.20	13.03	13.08	13.04	13.38	13.38	13.34	13.53	13.66
10	13.49	13.47	13.29	13.15	13.02	13.11	13.19	13.36	13.39	13.36	13.52	13.62
11	13.46	13.42	13.32	13.17	13.01	13.07	13.21	13.34	13.35	13.37	13.55	13.65
12	13.45	13.44	13.24	13.13	13.08	13.07	13.12	13.32	13.35	13.34	13.53	13.62
13	13.47	13.42	13.30	13.18	13.03	13.11	13.11	13.33	13.31	13.39	13.53	13.65
14	13.45	13.39	13.36	13.13	13.08	13.08	13.14	13.33	13.34	13.37	13.55	13.61
15	13.50	13.43	13.27	13.09	13.01	13.10	13.10	13.31	13.30	13.39	13.55	13.65
16	13.44	13.39	13.23	13.11	13.08	13.09	13.38	13.33	13.31	13.42	13.54	13.65
17	13.37	13.38	13.26	13.09	13.02	13.15	13.41	13.33	13.29	13.44	13.55	13.64
18	13.38	13.43	13.30	13.10	13.10	13.10	13.34	13.32	13.28	13.46	13.57	13.64
19	13.38	13.36	13.32	13.08	13.07	13.09	13.21	13.33	13.29	13.47	13.56	13.64
20	13.38	13.38	13.29	13.12	13.10	13.08	13.18	13.33	13.28	13.46	13.56	13.63
21	13.31	13.37	13.24	13.13	13.11	13.12	13.21	13.35	13.30	13.48	13.54	13.63
22	13.32	13.42	13.22	13.09	13.09	13.12	13.26	13.38	13.28	13.50	13.56	13.63
23	13.39	13.38	13.23	13.09	13.09	13.14	13.29	13.37	13.32	13.50	13.58	13.67
24	13.34	13.41	13.21	13.07	13.12	13.16	13.28	13.36	13.32	13.49	13.57	13.63
25	13.40	13.32	13.19	13.09	13.04	13.15	13.31	13.33	13.32	13.48	13.60	13.61
26	13.33	13.33	13.19	13.07	13.02	13.11	13.34	13.32	13.30	13.47	13.58	13.62
27	13.42	13.31	13.23	13.12	13.03	13.14	13.34	13.35	13.30	13.49	13.60	13.60
28	13.39	13.33	13.19	13.04	13.07	13.16	13.28	13.32	13.31	13.46	13.58	13.63
29	13.37	13.39	13.20	13.07	---	13.14	13.33	13.31	13.31	13.51	13.61	13.66
30	13.39	13.31	13.22	13.04	---	13.14	13.29	13.33	13.31	13.50	13.59	13.61
31	13.42	---	13.17	13.09	---	13.17	---	13.31	---	13.50	13.59	---
Mean	13.42	13.39	13.33	13.13	13.06	13.10	13.20	13.34	13.32	13.41	13.55	13.63
Max	13.53	13.47	14.31	13.23	13.12	13.17	13.41	13.38	13.39	13.51	13.61	13.67
Min	13.31	13.31	13.17	13.04	13.01	13.02	13.04	13.28	13.28	13.31	13.49	13.58
CA1 YEAR 2001	MEAN		13.38	MAX	14.31	MIN	13.17					
WTR YEAR 2002	MEAN		13.33	MAX	14.31	MIN	13.01					

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.-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, 53.0 ft³/s Sept. 7; minimum daily, 3.8 ft³/s June 15, 16.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	8.8	8.9	7.6	8.2	9.8	8.7	6.4	4.9	5.2	10	24
2	---	8.7	8.8	7.6	7.9	10	8.7	6.5	4.9	5.1	11	32
3	---	8.7	9	7.6	8.1	10	8.6	6.3	4.6	5	11	31
4	---	9	8.9	7.6	8.4	10	8.5	6.1	34	5	14	25
5	---	9	9	7.4	9	10	8.6	6	4.5	5.3	16	25
6	---	9.3	9.2	7.5	8.9	11	8.4	5.9	4	5.3	16	27
7	---	9.5	9.4	7.4	9	11	8.4	5.9	4	5.2	12	53
8	---	10	8.9	7.4	9	10	8.4	5.9	4	5.3	13	42
9	---	9.5	8.6	7.5	8.9	10	8.3	6	4.5	5.3	15	47
10	---	10	8.6	7.3	9.1	10	8.6	6	4.2	5.2	13	32
11	---	9.4	8.6	7.2	9.1	9.9	8.8	6	3.9	5.3	19	41
12	---	9.4	8.5	7.2	9.4	9.5	8.5	5.9	4.1	5.3	14	29
13	---	9.3	8.6	7.2	9.3	9.6	8.2	5.9	4	6	14	39
14	---	9.1	9	7.1	9.3	9.4	8	5.8	4	5.8	17	31
15	---	9.2	8.5	7	9.3	9.3	7.5	5.6	3.8	5.9	16	43
16	---	9.2	8.2	7	9.5	9.1	9.2	5.7	3.8	8.9	16	40
17	---	9.2	8.2	7	9.4	9.2	11	5.6	3.9	7.5	17	39
18	---	9.2	8.3	7.1	9.2	9	9.5	5.6	4.1	8.8	21	39
19	---	9.1	8.3	7.2	9	8.8	7.5	5.5	4.2	9.5	18	40
20	---	9.1	8.3	7.4	9	8.8	7.3	5.4	4.2	8.9	19	40
21	---	9.2	8.4	7.3	9.1	9	7.3	5.3	4.3	9.5	16	37
22	9.0e	9.3	8.4	7.3	9	9	7.2	5.2	4.3	11	20	40
23	9.2	9	8.5	7.5	9.2	8.9	7	5.2	4.3	11	23	52
24	8.9	9.9	8.5	7.7	9.2	8.8	6.9	5.1	4.7	9.7	22	38
25	9.2	9	8.4	7.8	9.2	8.7	7	4.9	9.4	8.3	28	30
26	9.2	8.6	8.3	7.9	9.4	8.5	7	4.9	5.5	8.1	24	33
27	9.4	8.4	8.3	8	9.6	8.7	6.9	4.9	5.3	9.9	28	29
28	9.3	8.6	8	7.8	9.8	8.8	6.7	4.8	5.5	8	25	39
29	9.2	8.7	8.1	7.8	---	8.7	6.7	4.8	5.5	11	32	50
30	9.2	8.5	8	8	---	8.6	6.5	4.8	5.4	11	26	31
31	9	---	7.7	8.2	---	8.8	---	4.6	---	12	28	---
Total	91.7	273.9	264.4	231.6	253.5	290.9	239.9	172.5	167.8	233.3	574	1098
Mean	9.2	9.1	8.5	7.5	9.1	9.4	8	5.6	5.6	7.5	18.5	36.6
Max	9.4	10	9.4	8.2	9.8	11	11	6.5	34	12	32	53
Min	8.9	8.4	7.7	7	7.9	8.5	6.5	4.6	3.8	5	10	24
AC-Ft	182	543	524	459	503	577	476	342	333	463	1139	2178

CAL YEAR 2001	TOTAL	2299.90	MEAN	7.8	MAX	36	MIN	5	AC-FT	4562
WTR YEAR 2002	TOTAL	3891.50	MEAN	11.3	MAX	53	MIN	3.8	AC-FT	7719

e Estimated

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.-No estimated daily discharges. Records good. Station equipment includes radio telemetry. Flow regulated by American Falls Reservoir, 141.6 mi upstream. Diurnal fluctuation caused by hydroelectric plants upstream. At times, practically entire flow is diverted at Milner during the irrigation season; only minor diversions below Milner. Most of the percolation upstream into the Snake River Plain aquifer returns above station, including some water diverted from the Malad River. Diversions above station for irrigation of about 2,330,000 acres, of which about 665,000 acres are irrigated by withdrawals from ground water. There are about 83,000 acres irrigated below station.

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, 6,410 ft³/s Sept. 30; minimum daily, 4,300 ft³/s June 29.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5930	5980	5790	5680	5600	5310	5170	4930	4560	4400	5070	5360
2	5970	6030	5930	5740	5400	5230	5160	4990	4800	4430	4770	5420
3	5820	5950	5900	5700	5600	5220	5100	4940	4870	4430	4840	5400
4	6230	6050	5680	5610	5420	5220	4710	4840	4910	4410	4730	5320
5	5620	5910	5830	5730	5380	5240	4680	4690	4840	4310	4910	5320
6	6000	6220	5900	5700e	5380	5260	4350	4800	4650	4500	4810	5200
7	6140	5910	5810	5750e	5400	5570	4560	4730	4670	4400	5190	5620
8	5980	6230	5840	5600e	5440	5300	4650	4910	4580	4380	4880	5990
9	6020	5990	5690	5760	5410	5360	4620	5040	4780	4470	5070	5710
10	6120	6210	5780	5790	5400	5260	4550	5050	5110	4430	4690	5460
11	6170	6190	5800	5680	5360	5280	4570	4870	4860	4510	4770	5650
12	6290	6170	5790	5610	5470	5260	4480	4870	4920	4330	5320	5910
13	6220	6180	5710	5660	5260	5210	4540	4840	4640	4590	4840	5650
14	6240	6080	5880	5710	5380	5280	4510	4460	4620	4310	4970	5580
15	6360	6030	5830	5560	5400	5270	4540	4570	4460	4540	4700	5500
16	6350	6000	5800	5610	5360	5260	4430	4720	4530	4440	4780	5040
17	6010	6040	5790	5500	5260	5320	4630	4580	4380	4950	4920	5720
18	6090	5920	5680	5650	5360	5400	4800	4610	4460	4970	4980	5770
19	6010	6030	5860	5500	5430	5310	4900	4570	4550	4940	4990	5660
20	6210	5950	5790	5470	5330	5280	4710	4620	4460	4810	4860	6250
21	6000	5970	5740	5590	5790	5330	4560	4820	4630	5030	5180	5790
22	5870	6010	5800	5570	5510	5290	4680	4810	4570	5070	4950	5760
23	5820	5880	5720	5570	5420	5230	4790	4920	4510	5110	5310	5800
24	5950	5940	5680	5640	5580	5390	4890	4750	4640	4840	5130	6210
25	5780	5920	5680	5520	5380	5330	5030	4690	4530	4800	4990	5940
26	5940	5830	5620	5520	5280	5440	4850	4750	4460	5130	5160	5670
27	5860	5920	5760	5540	5340	5160	5070	4710	4350	4730	5280	5820
28	5980	6100	5690	5670	5110	5280	4830	4520	4540	4570	5190	5980
29	5900	6130	5700	5470	---	5220	4940	4630	4300	5360	5290	5930
30	6000	5490	5610	5520	---	5140	4780	4620	4550	4620	5400	6410
31	5990	---	5710	5460	---	5170	---	4410	---	4990	5040	---
Total	186870	180260	178790	174080	151450	163820	142080	147260	138730	144800	155010	170840
Mean	6029	6009	5768	5616	5409	5284	4736	4751	4624	4672	5001	5695
Max	6360	6230	5930	5790	5790	5570	5170	5050	5110	5360	5400	6410
Min	5620	5490	5610	5460	5110	5140	4350	4410	4300	4310	4690	5040
AC-Ft	370700	357500	354600	345300	300400	324900	281800	292100	275200	287200	307500	338900
CAL YEAR 2001	TOTAL	2013150.00	MEAN	5515	MAX	7040	MIN	2290	AC-FT	3993000		
WTR YEAR 2002	TOTAL	1933990.00	MEAN	5299	MAX	6410	MIN	4300	AC-FT	3836000		

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 fair except the period July to September, which are poor.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 41.0 ft³/s May 22, minimum daily, 6.0 ft³/s Dec. 26.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.8	11	14	8.7	11	10	10e	23	35	21	32	21
2	8.3	11	14	8.4	9.5	9.9	9e	22	38	20	33	20
3	7.9	12	15	9.1	8.8	10	8.3e	21	36	23	35	21
4	8.4	12	14	8.7	8.3	9.9	8e	21	35	22	37	20
5	8.8	10	13	9	8.1	9.7	8e	22	32	21	37	21
6	8.9	9.8	14	10	8	9.7	8.1e	21	27	17	38	23
7	9.1	9.5	13	11	8.3	11	8.7e	22	24	22	34	27
8	8.7	9	12	11	7.9	9.9	9e	22	24	17	33	24
9	8.8	8.3	13	11	7.6	9.7	9e	23	22	13	26	22
10	8.8	9.8	13	11	7.7	11	9.8	27	21	14	28	20
11	9.6	9.9	13	11	8.1	11	13	24	21	14	29	18
12	8.6	9.7	11	11	8.2	14	16	23	18	13	29	18
13	8.4	9.5	12	10	8.3	15	17	20	15	13	28	17
14	8.2	9.4	10	11	8	13	27	16	15	16	25	14
15	8	9.1	6.7	9.5	7.9	14	30	13	15	17	22	12
16	7.5	8.4	8.8	8.8	7.9	14	31	15	15	16	22	11
17	7.6	9.4	11	9.5	8.5	14	33	17	15	22	20	14
18	7.4	11	10	8.8	9.3	14	29	21	19	26	28	14
19	7.6	10	9.2	8.8	9.9	13	29	20	24	29	28	14
20	8.1	9.5	9.5	9.1	11	14	26	22	24	30	27	14
21	7.9	12	8.5	9.5	11	18	25	34	22	31	25	13
22	7.9	15	7.3	8.5	11	23	23	41	29	34	26	13
23	8.7	13	6.9	8	11	26	22	38	31	35	26	6.8
24	8.6	10	6.5	7.9	12	33	21	34	28	32	28	11
25	8.6	12	6.2	9.5	11	33	22	30	23	31	26	15
26	9.4	12	6	11	11	32	22	33	21	31	27	13
27	10	12	6.6	11	11	37	22	33	22	31	28	13
28	9.7	13	8.1	11	10	36	22	30	21	36	27	13
29	10	14	8.1	10	---	33	23	27	20	36	25	10
30	10	13	7.7	10	---	24	23	26	24	36	23	12
31	13	---	8.5	10	---	16	---	31	---	34	23	---
Total	271.3	324.3	316.6	301.8	260.3	547.8	563.9	772	716	753	875	484.8
Mean	8.8	10.8	10.2	9.7	9.2	17.7	18.9	24.9	23.8	24.3	28.2	16.1
Max	13	15	15	11	12	37	33	41	38	36	38	27
Min	7.4	8.3	6	7.9	7.6	9.7	8	13	15	13	20	6.8
AC-Ft	538	643	628	599	516	1087	1118	1531	1420	1494	1736	962
CA1 YEAR 2001	TOTAL		6230.80	MEAN	17.1	MAX	35	MIN	6	AC-FT	12360	
WTR YEAR 2002	TOTAL		6186.80	MEAN	17	MAX	41	MIN	6	AC-FT	12270	

e Estimated

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 fair.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 16.0 ft³/s July 22; 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	---	---	---	---	---	---	2.6	3	5.3	3.3	9.3	10
2	---	---	---	---	---	---	2.7	6.1	6.6	5.4	9	10
3	---	---	---	---	---	---	2.4	11	9.6	6.8	9	9.8
4	---	---	---	---	---	---	2.1	12	9.5	6.8	7.8	8.8
5	---	---	---	---	---	---	1.6	8.2	9.3	8.5	5.6	8.6
6	---	---	---	---	---	---	1.1	8.3	6.9	9	8.8	6.2
7	---	---	---	---	---	---	0.14	8.1	7.5	7.4	13	7.5
8	---	---	---	---	---	---	0.081	12	5.3	10	14	7.4
9	---	---	---	---	---	---	0.14	13	6.3	7.8	12	6.4
10	---	---	---	---	---	---	0.14	6.2	7.6	9	12	6.7
11	---	---	---	---	---	---	0.069	9.4	6.3	8.9	12	6.4
12	---	---	---	---	---	---	0.044	8	5.9	9.3	13	6.2
13	---	---	---	---	---	---	0.019	7.1	0.68	5.4	14	6.5
14	---	---	---	---	---	---	0.02	6.3	0.11	4.4	14	7.4
15	---	---	---	---	---	---	0.22	2.2	0.028	0.64	14	6.5
16	---	---	---	---	---	---	0.077	8	0.00	1.9	13	5.9
17	---	---	---	---	---	---	0.07	6.7	0.00	3	13	5.7
18	---	---	---	---	---	---	0.052	2.2	0.00	2	11	7.6
19	---	---	---	---	---	0.075	0.031	7	2	5.2	10	7.1
20	---	---	---	---	---	0.052	0.01	9.5	5.5	8.6	11	9.2
21	---	---	---	---	---	0.34	0.01	11	5	12	11	8.4
22	---	---	---	---	---	0.91	0.011	12	5.8	16	11	5.6
23	---	---	---	---	---	1.3	0.071	10	5.1	13	11	5
24	---	---	---	---	---	1.4	8.3	10	4.5	12	11	4.5
25	---	---	---	---	---	1.6	6.4	7.8	3.9	11	9.5	5.4
26	---	---	---	---	---	2	3.3	6.2	5.5	10	8.7	5.9
27	---	---	---	---	---	1.9	4.4	7.2	6	9.3	8.3	3.2
28	---	---	---	---	---	2.1	3.6	9.2	5.2	8.3	7.5	5.2
29	---	---	---	---	---	1.9	6.1	7.2	3.2	8.4	9.3	4.9
30	---	---	---	---	---	2.2	6.7	6.3	2.2	9.2	9.2	6.5
31	---	---	---	---	---	2.4	---	7.1	---	8.2	9.7	---
Total	0	0	0	0	0	18.18	52.51	248.3	140.82	240.74	331.7	204.5
Mean	---	---	---	---	---	1.4	1.8	8	4.7	7.8	10.7	6.8
Max	---	---	---	---	---	2.4	8.3	13	9.6	16	14	10
Min	---	---	---	---	---	0.052	0.01	2.2	0.00	0.64	5.6	3.2
AC-Ft	0.00	0.00	0.00	0.00	0.00	36	104	492	279	478	658	406

CA1 YEAR 2001

WTR YEAR 2002 TOTAL 1236.74 MEAN 6.3 MAX 16 MIN 0.000 AC-FT 2453

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.-No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.-Maximum daily discharge, 28.0 ft³/s Sept. 9; 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	---	---	---	---	---	---	---	4.2	7.3	7	7.9	8.5
2	---	---	---	---	---	---	---	3.4	3.6	5.8	7.7	11
3	---	---	---	---	---	---	---	12	3.2	3.9	11	7.6
4	---	---	---	---	---	---	---	20	8.9	0.46	19	11
5	---	---	---	---	---	---	---	7.1	5.8	0.61	15	12
6	---	---	---	---	---	---	---	12	2.3	2.5	16	13
7	---	---	---	---	---	---	---	8.4	1.4	3.8	13	16
8	---	---	---	---	---	---	---	13	1.7	5	14	24
9	---	---	---	---	---	---	---	13	2.1	4.3	14	28
10	---	---	---	---	---	---	---	6.2	4.6	1.2	23	27
11	---	---	---	---	---	---	---	7.2	5.3	1.1	24	21
12	---	---	---	---	---	---	---	6.8	2.5	0.31	20	17
13	---	---	---	---	---	---	---	4.1	0.52	0.53	22	16
14	---	---	---	---	---	---	---	1.3	0.038	1.2	18	11
15	---	---	---	---	---	---	---	2.1	0.00	2.3	16	12
16	---	---	---	---	---	---	---	2	0.00	4.1	17	11
17	---	---	---	---	---	---	---	1.6	0.00	5.2	13	18
18	---	---	---	---	---	---	---	0.89	0.00	3.4	16	19
19	---	---	---	---	---	---	---	4.6	0.00	7.9	23	14
20	---	---	---	---	---	---	---	11	0.00	7.7	14	11
21	---	---	---	---	---	---	---	11	0.19	7.8	8.8	4.8
22	---	---	---	---	---	---	---	27	3.2	9.5	8.2	4.2
23	---	---	---	---	---	---	---	20	2.3	10	7.4	7
24	---	---	---	---	---	---	15	16	2	6	16	4.7
25	---	---	---	---	---	---	6.1	18	6	1.8	18	3.3
26	---	---	---	---	---	---	1.3	16	2.1	1.4	22	2.8
27	---	---	---	---	---	---	1.1	16	2.4	0.88	19	1.9
28	---	---	---	---	---	---	0.34	19	0.47	1.8	13	2.8
29	---	---	---	---	---	---	0.49	14	0.19	7.7	12	7.3
30	---	---	---	---	---	---	0.95	7	1.2	6.5	7.6	8.4
31	---	---	---	---	---	---	---	3.2	---	6.8	8.3	---
Total	0	0	0	0	0	0	25.28	308.09	69.31	128.49	463.9	355.3
Mean	---	---	---	---	---	---	3.6	9.9	2.3	4.1	14.9	11.8
Max	---	---	---	---	---	---	15	27	8.9	10	24	28
Min	---	---	---	---	---	---	0.34	0.89	0.00	0.31	7.4	1.9
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	50	611	137	255	920	705

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1350.37 MEAN 8.4 MAX 28 MIN 0.000 AC-FT 2678

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.-STARFLOW ultrasonic doppler velocity sensor and submersible pressure transducer.

REMARKS.-Due to equipment malfunction, discharges were estimated from kilowatt generated using a K factor of approximately 11.23 kW/cfs.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,300 ft³/s May 9; no flow on May 29.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	1190	1090	1080	1120	1050	1040	1210	1050	1020	1030	1110	1100	
2	1210	1090	1070	1080	1050	1040	1200	1180	1050	1020	1120	1100	
3	1230	1090	1080	1080	1040	1050	1150	1240	920	1020	1140	1080	
4	1230	1090	1070	1080	1040	1050	1100	1270	961	1010	1130	1070	
5	1180	1090	1070	1060	1040	1050	1060	1180	1110	1010	1130	1080	
6	1160	1090	1100	1070	1040	1050	1060	1090	1070	1010	1130	1050	
7	1170	1090	1110	1050	1040	1170	1060	1050	1100	1030	1110	1100	
8	1170	1080	1090	1060	1040	1170	1040	1140	1100	1050	1070	1150	
9	1140	1080	1070	1050	1040	1110	1050	1300	1130	1060	1110	1200	
10	1160	1080	1070	1070	1040	1080	1040	1280	1170	1050	1120	1200	
11	1190	1080	1090	1060	1040	1070	1030	1210	1200	1020	1100	1240	
12	1220	1080	1090	1080	1000	1120	1030	1180	1200	1050	1110	1220	
13	1240	1080	1020	1080	991	1200	1030	1140	1170	1060	1110	1190	
14	1250	1080	1020	1080	1040	1170	1020	1080	1120	1080	1090	1160	
15	1250	1080	1080	1020	1040	1150	1020	1050	1060	1090	1080	1140	
16	1230	1080	1080	1070	1040	1140	1010	1070	1050	1080	1040	1110	
17	1120	1080	1080	1070	1040	1130	1010	1070	1030	1080	966	1140	
18	1100	1080	1080	1060	1040	1110	1010	1060	1020	1090	966	1180	
19	1110	1080	1070	1060	1040	1100	1010	1040	1020	1100	967	1200	
20	1100	1080	1090	1060	1040	1080	1010	1050	1040	1130	1000	1170	
21	1100	1080	1030	1060	1050	1110	1020	1050	1030	1170	1030	1150	
22	1110	1080	1090	1070	1050	1200	1070	1090	1030	1180	1050	1180	
23	1100	1080	1090	1050	1060	1260	1230	1170	1030	1150	1040	1170	
24	1100	1080	1070	1050	1150	1250	1150	1170	1030	1150	1040	1170	
25	1100	1080	1070	1060	1130	1220	1150	1150	1040	1100	1070	1150	
26	1100	1080	1060	1050	1110	1130	1100	1100	1030	1090	1080	1150	
27	1100	1070	1060	1060	1080	1180	1050	1070	1030	1090	1080	1130	
28	1090	1070	1060	1060	1040	1190	1060	319	1020	1090	1080	1110	
29	1090	1070	1070	982		---	1190	1190	0.00	1020	1110	1070	1120
30	1090	1080	1080	1060		---	1190	1090	320	1020	1120	1090	1140
31	1090	---	1080	1050	---	1210	---	1030	---	1110	1100	---	
Total	35720	32440	33270	32912	29401	35210	32260	32199	31821	33430	33329	34350	
Mean	1152	1082	1075	1062	1049	1136	1075	1039	1061	1078	1075	1144	
Max	1250	1090	1110	1120	1150	1260	1230	1300	1200	1180	1140	1240	
Min	1090	1070	1020	982	991	1040	1010	0.00	920	1010	966	1050	
AC-Ft	70850	64340	65990	65280	58320	69840	63990	63870	63120	66310	66110	68130	
CA1 YEAR 2001	TOTAL	410870.00	MEAN	1126	MAX	1320	MIN	1020	AC-FT	814900			
WTR YEAR 2002	TOTAL	396342.00	MEAN	1086	MAX	1300	MIN	0.000	AC-FT	786100			

13153500 MALAD RIVER NEAR BLISS, ID

LOCATION.-Lat 42°51'48", long 114°54'04", in SE¼NE¼NW¼ 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 (see sta 13152950). Numerous springs enter the Malad River canyon within 2 mi upstream. For records of combined discharges, see sta 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, 1,140 ft³/s May 29; minimum daily, 76 ft³/s Jan. 16, 17.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	90	89	93	90	81	91	108	102	92	90	103	107
2	93	90	94	90	83	91	106	111	93	90	104	108
3	94	90	92	90	92	91	102	113	310	90	106	105
4	94	90	92	90	92	91	99	120	220	89	106	103
5	88	91	93	89	92	91	98	108	139	89	104	103
6	87	91	95	90	93	92	98	102	165	89	104	102
7	90	92	96	90	93	131	98	101	119	89	104	106
8	92	91	94	90	93	360	96	116	97	90	105	112
9	87	92	93	90	92	95	97	171	96	90	105	125
10	91	92	93	94	92	84	97	128	98	90	106	120
11	94	92	93	93	92	83	96	109	99	89	106	122
12	98	93	94	83	92	85	96	105	97	89	106	119
13	102	93	95	79	92	260	96	103	95	90	106	116
14	107	93	94	77	92	126	96	100	92	90	104	112
15	114	93	91	77	92	106	96	97	90	91	104	111
16	117	93	90	76	92	104	98	98	89	91	104	139
17	87	93	90	76	92	102	100	98	91	90	106	108
18	88	93	90	77	92	102	100	99	92	91	106	111
19	86	93	89	79	93	101	102	100	92	92	104	112
20	87	93	90	79	93	99	102	101	93	93	102	112
21	86	94	144	79	94	100	102	102	92	97	101	109
22	86	94	95	79	93	109	107	105	92	103	110	110
23	87	94	93	89	95	113	123	108	92	104	108	109
24	89	94	91	88	103	110	108	108	92	105	103	108
25	90	94	90	88	101	113	107	105	92	102	107	107
26	88	94	88	89	97	133	103	103	92	101	108	107
27	88	95	87	88	95	105	100	101	93	100	107	106
28	88	94	87	86	95	106	101	907	91	100	106	105
29	89	94	88	84	---	106	113	1140	90	101	105	106
30	89	93	89	84	---	106	102	738	90	102	105	107
31	89	---	89	84	---	107	---	92	---	102	105	---
Total	2855	2777	2892	2637	2598	3593	3047	5791	3275	2919	3260	3327
Mean	92.1	92.5	93.4	85	92.7	115.9	101.7	186.8	109.1	94.1	105.2	110.9
Max	117	95	144	94	103	360	123	1140	310	105	110	139
Min	86	89	87	76	81	83	96	92	89	89	101	102
AC-Ft	5663	5508	5736	5230	5153	7127	6044	11490	6496	5790	6466	6599

CAL YEAR 2001	TOTAL	34860.00	MEAN	95.5	MAX	464	MIN	74	AC-FT	69140
WTR YEAR 2002	TOTAL	38971.00	MEAN	106.8	MAX	1140	MIN	76	AC-FT	77300

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1280	1180	1170	1210	1130	1140	1320	1150	1110	1120	1210	1210
2	1300	1180	1170	1170	1140	1130	1300	1290	1140	1110	1230	1200
3	1320	1180	1170	1170	1130	1140	1250	1350	1230	1110	1250	1180
4	1320	1180	1160	1170	1130	1140	1200	1390	1180	1100	1240	1170
5	1270	1180	1170	1150	1130	1140	1160	1290	1250	1100	1230	1180
6	1250	1180	1200	1160	1130	1150	1160	1190	1240	1100	1230	1150
7	1260	1180	1210	1140	1130	1300	1160	1150	1220	1120	1220	1200
8	1260	1180	1180	1150	1130	1530	1140	1260	1200	1140	1170	1260
9	1230	1180	1170	1140	1130	1210	1150	1480	1220	1150	1210	1330
10	1250	1170	1170	1170	1130	1160	1130	1400	1270	1140	1230	1320
11	1280	1170	1180	1150	1130	1150	1130	1320	1300	1110	1210	1360
12	1320	1180	1180	1160	1090	1210	1120	1290	1300	1140	1210	1340
13	1340	1180	1110	1150	1080	1460	1130	1240	1270	1150	1220	1300
14	1350	1180	1120	1150	1130	1290	1120	1180	1210	1170	1200	1270
15	1360	1180	1170	1090	1130	1260	1110	1150	1150	1180	1190	1250
16	1350	1180	1170	1150	1130	1250	1110	1170	1140	1170	1140	1250
17	1200	1170	1170	1140	1130	1230	1110	1170	1120	1170	1070	1250
18	1190	1170	1170	1140	1130	1210	1110	1160	1110	1180	1070	1290
19	1190	1170	1160	1140	1130	1200	1110	1140	1110	1200	1070	1310
20	1190	1170	1180	1140	1130	1180	1110	1160	1130	1220	1110	1290
21	1190	1170	1170	1140	1150	1210	1120	1160	1120	1270	1130	1260
22	1190	1170	1180	1150	1140	1300	1170	1200	1120	1290	1160	1290
23	1190	1170	1180	1140	1160	1370	1350	1270	1120	1250	1150	1270
24	1190	1170	1160	1140	1250	1360	1260	1280	1120	1250	1150	1280
25	1190	1170	1160	1150	1230	1330	1260	1260	1130	1200	1180	1260
26	1180	1170	1150	1140	1200	1260	1210	1210	1120	1190	1190	1260
27	1180	1170	1150	1150	1170	1280	1150	1170	1120	1190	1190	1240
28	1180	1170	1150	1150	1140	1300	1160	1230	1120	1190	1180	1220
29	1180	1170	1150	1070		--- 1290	1300	1140	1110	1210	1170	1220
30	1180	1170	1170	1140		--- 1300	1190	1060	1110	1220	1200	1240
31	1180	---	1170	1140	---	1310	---	1120	---	1220	1200	---
Total	38540	35240	36170	35550	31960	38790	35300	38030	35090	36360	36610	37650
Mean	1244	1175	1168	1147	1142	1252	1177	1225	1170	1172	1180	1255
Max	1360	1180	1210	1210	1250	1530	1350	1480	1300	1290	1250	1360
Min	1180	1170	1110	1070	1080	1130	1110	1060	1110	1100	1070	1150
AC-Ft	76440	69900	71740	70510	63390	76940	70020	75430	69600	72120	72610	74680
CAL YEAR 2001	TOTAL	445850.00	MEAN	1222	MAX	1780	MIN	1110	AC-FT	884300		
WTR YEAR 2002	TOTAL	435290.00	MEAN	1193	MAX	1530	MIN	1060	AC-FT	863400		

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.-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, 13,800 ft³/s Sept. 17, gage height 13.68 ft; minimum daily, 4,960 ft³/s Aug. 30.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7210	7170	7140	7110	6950	6680	6720	6310	5890	5760	6470	6590
2	7280	7270	7300	7120	6730	6650	6720	6460	6100	5770	6360	7000
3	7170	7200	7360	7150	6970	6650	6670	6420	6230	5780	6400	6670
4	7650	7240	7140	7030	6810	6650	6280	6430	6350	5750	6130	6480
5	6890	7180	7320	7120	6690	6730	6000	6220	6280	5670	6490	6870
6	7280	7530	7390	6990	6740	6620	5830	6090	6100	5860	6090	6560
7	7460	7100	7310	7470	6800	7250	6050	6110	6110	5770	6590	6880
8	7360	7480	7310	6640	6750	7300	6090	6330	5980	5770	6350	7360
9	7250	7230	7160	7130	6780	7010	6050	6660	6210	5870	6460	7110
10	7430	7490	7280	7110	6770	6770	5980	6630	6410	5810	6310	7040
11	7490	7470	7210	7050	6710	6740	5910	6360	6400	5890	6070	6580
12	7730	7480	7240	6990	6820	6780	5940	6350	6390	5890	6820	7120
13	7620	7480	7230	7000	6650	7070	5990	6270	6130	5920	6370	7180
14	7610	7370	7400	6620	6720	6930	5900	5890	6020	5670	6190	6100
15	7820	7360	7320	6080	6770	6800	5840	6050	5890	5950	6260	6580
16	7780	7250	7250	6950	6760	6770	5820	6020	5800e	5850	6190	7040
17	7300	7360	7190	6800	6660	6800	6000	6000	5600e	6420	6370	7090
18	7310	7240	7150	6970	6760	6900	6120	5980	5700e	6370	6300	7160
19	7240	7290	7300	6840	6820	6730	6140	5980	5770e	6140	6490	7130
20	7450	7290	7250	6520	6700	6720	6320	6010	5790	6180	6160	7600
21	7230	7300	7130	6940	7230	6800	5730	6140	5960	6560	6460	7160
22	7110	7330	7280	6920	6910	6890	6020	6020	5860	6520	6160	7150
23	7040	7250	7150	6860	6870	6870	6340	6310	5870	6540	6730	7360
24	7170	7250	7110	6950	7090	7020	6330	6270	6090	6160	6420	7450
25	6990	7280	7110	6880	6930	6900	6410	5920	5770	6220	6540	7360
26	7200	7200	7030	6840	6720	7030	6210	6130	5830	6630	6260	7020
27	7060	7240	7140	6880	6750	6680	6440	6130	5760	6190	6650	7110
28	7230	7460	7090	7040	6590	6780	6150	5910	5880	5880	6590	6750
29	7130	7530	7100	6760	---	6820	6440	5970	5600	6840	6170	7200
30	7220	6940	7070	6880	---	6630	6140	6010	5900	6100	4960	7640
31	7270	---	7120	6790	---	6730	---	5840	---	6420	6090	---
Total	226980	219260	223580	214430	190450	211700	184580	191220	179670	188150	195900	210340
Mean	7322	7309	7211	6917	6802	6829	6152	6168	5988	6070	6320	7011
Max	7820	7530	7400	7470	7230	7300	6720	6660	6410	6840	6820	7640
Min	6890	6940	7030	6080	6590	6620	5730	5840	5600	5670	4960	6100
AC-Ft	450200	434900	443500	425300	377800	419900	366100	379300	356400	373200	388600	417200
CAL YEAR 2001	TOTAL	2510190.00	MEAN	6877	MAX	7950	MIN	5850	AC-FT	4979000		
WTR YEAR 2002	TOTAL	2436260.00	MEAN	6675	MAX	7820	MIN	4960	AC-FT	4832000		

e Estimated

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 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	124	180	182	196	199	200
2	---	---	---	---	---	---	128	180	183	197	199	201
3	---	---	---	---	---	---	135	182	184	197	199	200
4	---	---	---	---	---	---	134	182	184	196	200	199
5	---	---	---	---	---	---	139	180	183	196	200	200
6	---	---	---	---	---	---	144	184	185	196	203	200
7	---	---	---	---	---	---	144	187	184	198	200	199
8	---	---	---	---	---	---	143	188	184	198	201	201
9	---	---	---	---	---	---	149	188	185	197	194	200
10	---	---	---	---	---	---	152	182	184	199	194	194
11	---	---	---	---	---	---	152	178	185	198	195	190
12	---	---	---	---	---	---	154	179	177	198	195	188
13	---	---	---	---	---	---	158	179	178	197	196	185
14	---	---	---	---	---	---	158	176	180	197	196	183
15	---	---	---	---	---	---	159	176	178	198	195	183
16	---	---	---	---	---	---	161	174	177	206	193	181
17	---	---	---	---	---	---	161	170	178	205	194	166
18	---	---	---	---	---	---	160	169	181	205	194	158
19	---	---	---	---	---	---	160	159	184	205	193	158
20	---	---	---	---	---	---	159	156	191	204	194	153
21	---	---	---	---	---	---	158	163	192	203	195	143
22	---	---	---	---	---	50e	156	168	192	204	196	143
23	---	---	---	---	---	69	159	167	191	203	195	138
24	---	---	---	---	---	66	167	166	190	203	196	132
25	---	---	---	---	---	73	166	168	190	202	196	131
26	---	---	---	---	---	88	170	168	192	204	197	133
27	---	---	---	---	---	106	172	167	194	203	196	143
28	---	---	---	---	---	118	173	170	194	202	197	140
29	---	---	---	---	---	122	173	171	194	202	198	128
30	---	---	---	---	---	127	181	178	196	204	198	128
31	---	---	---	---	---	126	---	184	---	201	200	---
Total	0	0	0	0	0	945	4649	5419	5572	6214	6098	5098
Mean	---	---	---	---	---	94.5	154.9	174.8	185.7	200.3	196.7	170
Max	---	---	---	---	---	127	181	188	196	206	203	201
Min	---	---	---	---	---	50	124	156	177	196	193	128
AC-Ft	0.00	0.00	0.00	0.00	0.00	1874	9221	10750	11050	12330	12100	10110
CAL YEAR 2001	TOTAL	34030.00	MEAN	159	MAX	209	MIN	0.000	AC-FT	67500		
WTR YEAR 2002	TOTAL	33995.00	MEAN	176.1	MAX	206	MIN	50	AC-FT	67430		

e Estimated

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 except for estimated daily discharges May 14 to 20, which are poor. 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 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	132	189	166	174	195	149
2	---	---	---	---	---	---	132	187	157	147	196	148
3	---	---	---	---	---	---	145	182	168	160	195	137
4	---	---	---	---	---	---	155	178	168	184	186	126
5	---	---	---	---	---	---	171	172	176	192	183	135
6	---	---	---	---	---	---	172	180	166	192	182	150
7	---	---	---	---	---	---	176	187	159	192	179	160
8	---	---	---	---	---	---	174	185	158	190	191	166
9	---	---	---	---	---	---	173	184	158	193	198	166
10	---	---	---	---	---	---	173	165	162	193	193	166
11	---	---	---	---	---	---	173	155	156	192	180	167
12	---	---	---	---	---	---	173	157	149	193	159	168
13	---	---	---	---	---	---	173	166	155	192	149	168
14	---	---	---	---	---	---	176	165e	160	184	168	167
15	---	---	---	---	---	---	178	160e	174	180	174	167
16	---	---	---	---	---	---	179	155e	177	181	174	167
17	---	---	---	---	---	---	171	150e	179	182	177	164
18	---	---	---	---	---	---	171	150e	182	176	186	157
19	---	---	---	---	---	---	166	145e	177	163	193	158
20	---	---	---	---	---	---	166	145e	179	164	189	156
21	---	---	---	---	---	---	166	144	177	164	176	155
22	---	---	---	---	---	54	166	148	167	165	171	155
23	---	---	---	---	---	96	165	155	162	166	173	153
24	---	---	---	---	---	96	167	156	171	163	172	145
25	---	---	---	---	---	92	171	138	171	163	160	140
26	---	---	---	---	---	80	172	106	179	162	150	141
27	---	---	---	---	---	84	172	110	179	163	150	143
28	---	---	---	---	---	95	176	136	182	163	150	142
29	---	---	---	---	---	104	183	162	182	167	149	143
30	---	---	---	---	---	112	189	170	181	180	149	145
31	---	---	---	---	---	119	---	173	---	188	149	---
Total	0	0	0	0	0	932	5056	4955	5077	5468	5396	4604
Mean	---	---	---	---	---	93.3	168.6	159.9	169.2	176.3	174.1	153.5
Max	---	---	---	---	---	119	189	189	182	193	198	168
Min	---	---	---	---	---	54	132	106	149	147	149	126
AC-Ft	0.00	0.00	0.00	0.00	0.00	1849	10030	9828	10070	10850	10700	9132

CA1 YEAR 2001 TOTAL 31650.50 MEAN 147.9 MAX 204 MIN 1 AC-FT 62780
WTR YEAR 2002 TOTAL 31488.00 MEAN 163.2 MAX 198 MIN 54 AC-FT 62460

e Estimated

13171300 GRAND VIEW MUTUAL CANAL NEAR GRAND VIEW, ID

LOCATION.-Lat 42°56'31", long 115°59'26", in NW¹/₄SE¹/₄ 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.-No estimated daily discharges. 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 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	76	113	95	116	103	106
2	---	---	---	---	---	---	76	109	95	119	97	107
3	---	---	---	---	---	---	75	109	94	117	97	107
4	---	---	---	---	---	---	75	109	95	112	98	109
5	---	---	---	---	---	---	79	108	101	108	97	108
6	---	---	---	---	---	---	83	108	108	108	97	107
7	---	---	---	---	---	---	87	108	114	109	96	109
8	---	---	---	---	---	---	89	108	114	109	97	103
9	---	---	---	---	---	---	89	108	114	124	97	96
10	---	---	---	---	---	---	88	108	113	128	98	107
11	---	---	---	---	---	---	89	108	114	132	99	106
12	---	---	---	---	---	---	88	108	114	130	99	107
13	---	---	---	---	---	---	90	107	114	132	100	106
14	---	---	---	---	---	---	92	107	112	131	99	106
15	---	---	---	---	---	---	94	106	113	131	100	105
16	---	---	---	---	---	---	92	107	112	134	106	98
17	---	---	---	---	---	---	92	106	112	133	109	90
18	---	---	---	---	---	---	92	107	111	134	121	82
19	---	---	---	---	---	---	92	107	120	136	121	82
20	---	---	---	---	---	---	92	106	130	132	119	81
21	---	---	---	---	---	---	92	104	128	127	126	81
22	---	---	---	---	---	---	95	96	125	123	118	82
23	---	---	---	---	---	---	102	83	117	115	117	82
24	---	---	---	---	---	---	117	80	117	112	123	82
25	---	---	---	---	---	---	118	84	117	112	113	82
26	---	---	---	---	---	---	118	88	129	113	100	82
27	---	---	---	---	---	---	118	88	127	113	100	82
28	---	---	---	---	---	35	118	89	128	114	105	82
29	---	---	---	---	---	54	118	97	122	115	106	82
30	---	---	---	---	---	61	117	91	115	115	105	82
31	---	---	---	---	---	71	---	95	---	110	106	---
Total	0	0	0	0	0	221	2843	3152	3420	3744	3269	2841
Mean	---	---	---	---	---	55.3	94.7	101.7	114	120.8	105.5	94.8
Max	---	---	---	---	---	71	118	113	130	136	126	109
Min	---	---	---	---	---	35	75	80	94	108	96	81
AC-Ft	0.00	0.00	0.00	0.00	0.00	438	5639	6252	6783	7426	6484	5635
CA1 YEAR 2001	TOTAL	20470.00	MEAN	95.7	MAX	137	MIN	0.000	AC-FT	40600		
WTR YEAR 2002	TOTAL	19490.00	MEAN	104.2	MAX	136	MIN	35	AC-FT	38660		

13171620 SNAKE RIVER BELOW C.J. 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 poor. Station equipment includes radio telemetry.

COOPERATION.-Discharge records furnished by Idaho Power and reviewed by U.S. Geological Survey beginning April 2001.

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, 9,050 Mar. 25; minimum daily, 4,000 ft³/s July 10.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7290	7090	6830	6630	6600	6750	7660	6140	5580	4010	5070	5320
2	7020	7070	6560	6840	6660	7250	7850	6100	5700	4270	5300	5250
3	7070	7230	6710	6840	6290	6850	7830	6060	5770	4020	5130	5460
4	7090	7310	7000	6680	6740	7420	7840	6660	6180	4030	5190	5290
5	7490	7070	7100	6900	6810	7010	7360	6280	6320	4040	4840	5410
6	7040	7260	6860	6870	6650	6940	6460	6170	5750	4030	5280	5250
7	6970	6930	6820	6830	6540	7560	7360	5870	5570	4030	5060	5250
8	7550	7330	7040	6970	5910	8780	7160	6190	5150	4100	5290	5470
9	7040	7260	6660	6760	7090	8770	7110	6190	5680	4050	4990	5790
10	7500	7060	6840	7220	7110	6760	6390	6580	5560	4000	5390	5730
11	7230	7290	6890	6970	6550	7590	6650	6430	5560	4070	5050	5810
12	7530	7440	6790	6920	6530	7440	6360	6370	5340	4330	5010	5540
13	7470	7040	6870	6620	6910	7130	6360	6160	5580	4160	5420	5440
14	7580	7180	7410	6680	6340	8270	6540	6130	5610	4090	5210	5290
15	8070	7250	6560	6600	7280	7840	5920	5800	5110	4080	5180	5560
16	7890	7460	7110	7170	6690	7570	6510	5790	4940	4230	4680	5330
17	7310	6720	6770	6530	6440	7490	6310	5930	4190	4470	4710	5230
18	7470	6820	6880	6310	6900	7290	6430	5640	4170	4690	4860	5470
19	7260	7200	6450	6750	6940	7400	6550	5740	4130	5030	5270	5410
20	7010	7040	7110	6660	6930	7350	6510	5660	4080	4880	4840	5600
21	7270	6910	6410	6230	7670	7450	6100	5810	4300	4790	4460	5620
22	6750	6940	6890	6720	7650	7590	5740	5830	4680	5190	5020	6010
23	6740	6800	6670	6660	7600	7600	5630	6500	4670	5250	4990	5520
24	7240	7610	6250	6720	7340	8430	6030	6170	4670	5190	5010	5990
25	7120	6710	7050	6730	7740	9050	6030	6180	4470	5020	5010	6250
26	6950	6650	6860	6350	7760	7720	5930	6110	4470	4880	4850	6030
27	7060	6970	6820	6700	7140	7670	5870	6200	4090	4950	5080	5980
28	6720	7100	6110	6620	7250	7530	6380	5810	4030	4780	5170	5970
29	7280	7140	6860	7190	---	7500	5840	5620	4040	4730	5260	6160
30	7050	6910	6640	6350	---	7560	5900	5250	4040	5190	4830	6670
31	7100	---	6820	6730	---	7500	---	6190	---	5140	4990	---
Total	224160	212790	210640	208750	194060	235060	196610	187560	149430	139720	156440	169100
Mean	7231	7092	6795	6734	6931	7582	6554	6050	4961	4433	5412	6433
Max	8070	7610	7410	7220	7760	9050	7850	6660	6320	5250	5420	6670
Min	6720	6650	6110	6230	5910	6750	5630	5250	4030	4000	4460	5230
AC-Ft	444600	422100	417800	414000	384900	466200	390000	372000	296400	277100	310300	335400
CAL YEAR 2001	TOTAL	2426210.00	MEAN	6647	MAX	8830	MIN	4580	AC-FT	4812000		
WTR YEAR 2002	TOTAL	2284320.00	MEAN	6258	MAX	9050	MIN	4000	AC-FT	4531000		

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. Regulation by American Falls reservoir, 260.5 mi upstream. Diurnal fluctuation caused by hydroelectric plants upstream. Diversions above station for irrigation of about 2,590,000 acres, of which about 701,000 acres are irrigated by withdrawals from ground water (1966 determination).

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 9,790 ft³/s, Mar. 9, gage height, 4.45 ft; minimum 4,170 ft³/s July 4, gage height 2.41 ft.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7200	7570	7580	7140	7250	7260	7570	6560	5940	4660	5250	5520
2	7030	7410	7320	7490	7110	7060	7940	6070	5810	4780	5230	5680
3	7110	7440	6980	7350	7030	7530	7970	5840	5820	4840	5430	5770
4	7080	7590	7520	7220	6860	7010	7960	6110	5920	4710	5140	5720
5	7390	7850	7590	7370	7240	7590	7950	6830	6570	4680	5150	5430
6	7080	7350	7630	7470	7170	7310	7110	6470	6000	4730	5270	5640
7	7280	7440	7160	7430	7050	7170	6890	5890	5900	4700	5280	5600
8	7500	7360	7760	7450	6770	8540	7600	6020	5820	4670	5300	5630
9	7240	7770	7330	7310	6660	9310	7140	6360	5760	4690	5430	6170
10	7180	7750	7170	7480	7620	7950	7110	6210	5940	4620	5280	6250
11	7720	7540	7510	7720	7130	7060	6440	6710	5980	4650	5230	6300
12	7470	7790	7230	7470	7070	7730	6630	6660	5980	4770	5190	6340
13	7650	7910	7780	7230	7100	7530	6240	6090	5920	4800	5390	5840
14	7720	7410	7400	7020	7280	7950	6920	6130	6000	4710	5440	5920
15	8060	7740	7260	7690	7020	8240	6250	6120	5810	4660	5340	6400
16	8250	7880	7390	7150	7050	8020	6160	5810	5670	4690	5130	6040
17	7700	7790	7670	7330	7180	7460	6720	5800	5080	4920	4890	6150
18	7680	6920	7250	6860	6800	8010	6230	6100	4680	5060	4870	6300
19	7580	7620	7170	7060	7430	7400	6920	5900	4710	5300	5470	6260
20	7550	7510	7120	7390	7240	7720	6450	5790	4690	5320	5280	6110
21	7470	7710	7800	6940	7610	7630	6500	5990	4840	5200	4780	6210
22	7440	7460	6810	6840	7830	7760	6290	6070	5220	5520	4970	6500
23	6910	7290	7670	7230	7940	8070	5860	6440	5230	5640	5310	6210
24	7670	8100	6790	7170	7730	8550	5930	6270	5130	5560	5360	6510
25	7750	7550	7340	7150	7400	9150	6380	6400	5340	5300	5440	6690
26	7300	7300	7390	7240	8760	8860	6240	6270	5060	5240	5200	6360
27	7440	7310	7430	6940	7370	7380	6230	6490	4970	5190	5370	6270
28	7380	7920	6960	7330	7170	7780	6220	6010	4740	5220	5570	6290
29	7260	7710	6710	7050	---	7940	6240	5930	4610	5110	5830	6160
30	7670	7220	7650	7580	---	7740	6040	5870	4770	5220	5430	6690
31	7480	---	7130	7000	---	7960	---	5900	---	5260	5430	---
Total	231240	227210	227500	225100	203870	242670	202130	191110	163910	154420	163680	182960
Mean	7460	7573	7338	7261	7280	7829	6738	6165	5464	4981	5280	6098
Max	8250	8100	7800	7720	8760	9310	7970	6830	6570	5640	5830	6690
Min	6910	6920	6710	6840	6660	7010	5860	5790	4610	4620	4780	5430
AC-Ft	458700	450700	451200	446500	404400	481300	400900	379100	325100	306300	324700	362900
CAL YEAR 2001	TOTAL	2172100.00	MEAN	7169	MAX	8940	MIN	3290	AC-FT	4308000		
WTR YEAR 2002	TOTAL	2415800.00	MEAN	6619	MAX	9310	MIN	4610	AC-FT	4792000		

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-No estimated daily discharges. Records good.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 2,380 ft³/s, May 6; 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	0.00	0.00	0.00	0.00	0.00	915	996	2360	2340	2320	2200	1710
2	0.00	0.00	0.00	0.00	0.00	976	1000	2360	2340	2310	2200	1700
3	0.00	0.00	0.00	0.00	0.00	974	1010	2370	2340	2310	2200	1700
4	0.00	0.00	0.00	0.00	0.00	974	1010	2370	2340	2310	2190	1620
5	0.00	0.00	0.00	0.00	0.00	974	1010	2370	2340	2310	2190	1580
6	0.00	0.00	0.00	0.00	0.00	975	1020	2380	2340	2300	2190	1580
7	0.00	0.00	0.00	0.00	0.00	977	1020	2370	2340	2300	2190	1520
8	0.00	0.00	0.00	0.00	0.00	975	1410	2370	2350	2290	2190	1510
9	0.00	0.00	0.00	0.00	0.00	970	1470	2360	2350	2290	2180	1510
10	0.00	0.00	0.00	0.00	0.00	975	1460	2360	2350	2280	2180	1510
11	0.00	0.00	0.00	0.00	0.00	972	1500	2360	2350	2280	2180	1510
12	0.00	0.00	0.00	0.00	0.00	974	1540	2350	2350	2270	2180	1510
13	0.00	0.00	0.00	0.00	0.00	976	1560	2350	2350	2270	2170	1510
14	0.00	0.00	0.00	0.00	0.00	976	1560	2350	2350	2260	2170	1510
15	0.00	0.00	0.00	0.00	315	625	1570	2340	2340	2260	2180	1510
16	0.00	0.00	0.00	0.00	549	418	1590	2340	2350	2260	2120	1510
17	0.00	0.00	0.00	0.00	549	402	1630	2340	2350	2250	2100	1510
18	0.00	0.00	0.00	0.00	549	380	1690	2340	2350	2250	2100	1450
19	0.00	0.00	0.00	0.00	545	362	1770	2340	2340	2250	2100	1410
20	0.00	0.00	0.00	0.00	544	346	1800	2350	2340	2250	2110	1410
21	0.00	0.00	0.00	0.00	543	722	1790	2340	2340	2240	2000	1410
22	0.00	0.00	0.00	0.00	544	989	1830	2340	2340	2240	1940	1410
23	0.00	0.00	0.00	0.00	544	990	1940	2340	2340	2230	1950	1410
24	0.00	0.00	0.00	0.00	544	990	2030	2340	2330	2230	1950	1400
25	0.00	0.00	0.00	0.00	544	990	2120	2340	2330	2220	1950	1340
26	0.00	0.00	0.00	0.00	541	987	2180	2340	2330	2220	1870	1310
27	0.00	0.00	0.00	0.00	694	987	2200	2340	2330	2220	1830	1320
28	0.00	0.00	0.00	0.00	809	987	2200	2330	2320	2210	1830	1310
29	0.00	0.00	0.00	0.00	---	984	2270	2330	2320	2210	1830	1320
30	0.00	0.00	0.00	0.00	---	981	2330	2340	2320	2210	1830	1320
31	0.00	---	0.00	00.0	---	981	---	2340	---	2200	1760	---
Total	0	0	0	0	7814	26704	48506	72850	70200	70050	64060	44330
Mean	0.000	0.000	0.000	0.000	279.1	861.5	1618	2351	2340	2259	2066	1478
Max	0.00	0.00	0.00	0.00	809	990	2330	2380	2350	2320	2200	1710
Min	0.00	0.00	0.00	0.00	0.00	346	996	2330	2320	2200	1760	1310
AC-Ft	0.00	0.00	0.00	0.00	15500	52970	96210	144500	139200	138900	127100	87930
CA1 YEAR 2001	TOTAL	214949.00	MEAN	588.9	MAX	1850	MIN	0.000	AC-FT	426300		
WTR YEAR 2002	TOTAL	404514.00	MEAN	1108	MAX	2380	MIN	0.000	AC-FT	802300		

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.-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, 294 ft³/s April 27; minimum daily, 32.0 ft³/s Oct. 21, 22.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	87	52	49	51	48	44	46	144	68	95	82	62
2	89	51	50	52	48	44	46	115	71	94	77	62
3	89	51	51	52	48	45	46	109	70	94	76	63
4	91	50	51	52	47	44	47	106	70	99	79	64
5	90	50	51	52	47	44	47	102	76	103	83	63
6	92	50	51	53	47	45	49	107	77	110	78	65
7	91	49	51	53	47	45	48	109	74	113	81	68
8	90	48	51	53	47	44	48	107	78	118	84	63
9	89	48	51	52	47	44	142	110	84	112	77	68e
10	90	47	50	51	48	44	115	112	89	115	78	70e
11	90	47	50	51	47	44	104	94	87	119	76	73e
12	91	48	50	51	47	45	106	95	86	123	73	75e
13	97	48	52	51	47	44	108	93	80	116	73	73
14	98	50	53	51	46	44	115	82	80	121	71	73
15	96	51	52	50	46	44	106	79	77	125	73	72
16	94	51	52	49	46	44	80	76	77	117	75	69
17	92	50	51	49	46	44	77	77	78	110	76	76
18	92	49	51	49	46	42	76	75	81	105	74	82
19	90	49	51	49	47	43	72	79	79	107	75	79
20	58	49	53	50	46	43	68	78	79	105	73	78
21	32	50	52	50	47	44	60	78	77	99	74	75
22	32	51	50	50	47	45	57	77	81	94	70	75
23	38	50	51	48	47	46	176	73	85	94	72	83
24	48	51	51	49	46	45	286	74	85	87	70	81
25	50	51	51	50	44	45	284	75	83	85	64	84
26	49	50	50	50	44	45	292	79	85	93	66	85
27	50	48	50	49	45	45	294	74	88	93	58	84
28	50	49	50	48	44	44	291	70	97	92	58	81
29	51	51	50	47	---	45	264	67	95	89	57	80
30	52	49	51	47	---	46	151	65	94	87	60	85
31	52	---	51	47	---	46	---	64	---	83	62	---
Total	2300	1488	1578	1556	1302	1376	3701	2745	2431	3197	2245	2211
Mean	74.1	49.6	51	50.2	46.5	44.4	123.3	88.6	81.1	103.1	72.4	73.7
Max	98	52	53	53	48	46	294	144	97	125	84	85
Min	32	47	49	47	44	42	46	64	68	83	57	62
AC-Ft	4562	2951	3130	3086	2582	2729	7341	5445	4822	6341	4453	4385
CAL YEAR 2001	TOTAL	19129.00	MEAN	60.3	MAX	159	MIN	32	AC-FT	37940		
WTR YEAR 2002	TOTAL	26130.00	MEAN	71.6	MAX	294	MIN	32	AC-FT	51830		

e Estimated

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, 1,140 April 20; minimum daily, 127 ft³/s Apr. 6.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	205	216	229	192	196	159	189	260	629	468	345	384
2	156	210	210	191	194	190	174	281	650	480	340	389
3	138	208	227	199	194	190	176	307	661	466	340	396
4	129	214	216	203	195	191	154	342	628	470	351	366
5	138	209	228	195	197	186	142	346	642	497	360	375
6	146	209	243	204	197	186	127	411	657	455	373	342
7	144	207	267	215	199	211	151	657	610	453	352	373
8	147	209	243	211	206	206	150	684	608	447	346	364
9	138	206	232	214	198	188	219	695	648	439	343	355
10	142	207	226	201	197	199	444	658	670	437	337	326
11	183	205	222	213	194	197	514	658	629	435	340	316
12	176	196	220	204	197	190	497	677	604	456	334	329
13	195	214	229	203	191	192	583	670	620	459	322	330
14	207	210	307	201	192	191	694	607	592	456	307	339
15	223	213	261	197	220	191	718	627	520	502	293	326
16	224	213	224	197	214	186	782	646	492	499	301	343
17	212	214	231	195	218	184	752	626	485	469	301	343
18	205	249	229	197	214	186	783	606	538	469	300	362
19	206	211	231	192	221	180	978	583	527	489	313	348
20	210	211	205	200	226	184	1140	582	515	500	325	348
21	212	223	203	211	220	175	1060	617	506	523	318	318
22	212	246	203	228	220	178	964	621	497	556	350	320
23	221	227	200	208	224	191	788	615	499	562	326	359
24	221	204	198	204	226	218	558	619	497	537	313	363
25	220	212	192	197	228	220	417	615	487	536	315	375
26	222	229	186	207	225	208	378	613	459	527	340	369
27	226	211	194	227	225	208	328	620	463	524	339	371
28	231	208	193	209	182	206	328	594	459	548	427	354
29	244	241	188	199	---	198	296	589	452	557	412	333
30	243	238	191	195	---	199	261	592	458	473	397	319
31	219	---	190	202	---	199	---	615	---	412	394	---
Total	5995	6470	6818	6311	5810	5987	14745	17633	16702	15101	10554	10535
Mean	193.4	215.7	219.9	203.6	207.5	193.1	491.5	568.7	556.7	487.2	340.5	351.2
Max	244	249	307	228	228	220	1140	695	670	562	427	396
Min	129	196	186	191	182	159	127	260	452	412	293	316
AC-Ft	11890	12830	13520	12520	11520	11880	29250	34970	33130	29950	20930	20900
CAL YEAR 2001	TOTAL	89635.00	MEAN	245.6	MAX	462	MIN	129	AC-FT	177800		
WTR YEAR 2002	TOTAL	122661.00	MEAN	336.1	MAX	1140	MIN	127	AC-FT	243300		

13213000 BOISE RIVER NEAR PARMA, ID

LOCATION.-Lat 43°46'54", long 116°58'17", in SE¼NE¼SE¼ sec. 7, T. 05N, R. 05W, Canyon County, Hydrologic Unit 17050114, on left bank, at county road crossing 1.2 miles west of Parma, and at mile 3.8.

DRAINAGE AREA.-3,970 mi² approximately.

PERIOD OF RECORD.-USGS maintained records September 1971 to September 1997. IPCO maintains records October 1997 to September 2002 (discontinued).

GAGE.-Water-stage recorder. Datum of gage is 2,196.49 ft above mean sea level.

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

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 1,540 ft³/s, Apr. 20, gage height, 9.19 ft; minimum, 264 ft³/s, Oct. 4 and 5, gage height, 6.89 ft.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	310	715	727	662	649	597	451	449	861	559	585	689
2	330	708	730	656	645	601	429	443	992	585	554	743
3	286	687	749	662	638	622	412	461	995	585	535	749
4	264	686	728	687	633	623	447	492	934	570	543	717
5	264	687	725	680	641	620	454	528	827	646	578	681
6	299	681	750	691	640	622	483	615	737	651	599	707
7	303	691	772	723	639	635	468	826	835	641	552	763
8	317	693	767	705	658	658	454	975	830	692	533	821
9	304	689	741	697	645	622	474	971	962	625	531	854
10	316	688	729	683	641	634	694	933	1110	610	539	853
11	341	700	725	684	643	652	852	940	1050	596	516	818
12	396	689	717	679	641	638	906	964	976	546	502	816
13	402	702	721	672	639	639	954	982	903	539	443	780
14	431	695	832	662	640	633	1170	858	823	540	399	767
15	610	688	810	656	654	632	1310	845	726	664	414	764
16	721	683	747	650	659	634	1250	859	637	770	401	791
17	700	685	728	653	663	622	1270	850	626	760	405	825
18	685	721	733	650	668	624	1260	859	694	696	430	969
19	685	689	732	641	679	619	1370	823	780	768	472	993
20	678	681	724	661	690	628	1540	807	774	797	470	1040
21	675	687	712	681	674	610	1470	959	736	805	444	1000
22	693	733	698	726	669	554	1320	1060	781	870	472	975
23	698	712	689	682	667	512	1090	1030	783	901	478	1020
24	708	683	679	664	662	538	842	1070	760	826	479	1050
25	689	684	670	659	656	542	657	1080	665	792	557	942
26	693	691	661	665	653	515	531	1030	636	791	592	899
27	701	680	668	696	658	496	451	1060	566	752	586	868
28	712	688	673	684	649	489	445	998	574	769	601	832
29	711	741	666	668	---	480	437	947	581	837	627	828
30	724	775	659	652	---	461	408	879	552	753	641	869
31	723	---	662	648	---	455	---	874	---	646	677	---
Total	16369	20932	22324	20879	18293	18207	24299	26467	23706	21582	16155	25423
Mean	528.1	697.7	720.2	673.6	653.3	587.3	809.8	853.9	790	696.1	521.1	847.6
Max	724	775	832	726	690	658	1540	1080	1110	901	677	1050
Min	264	680	659	641	633	455	408	443	552	539	399	681
AC-Ft	32470	41520	44280	41410	36280	36110	48200	52500	47020	42810	32040	50430
CA1 YEAR 2001	TOTAL	214957.00	MEAN	588.9	MAX	961	MIN	231	AC-FT	426400		
WTR YEAR 2002	TOTAL	254636.00	MEAN	697.6	MAX	1540	MIN	264	AC-FT	505100		

13233800 MALHEUR RIVER AT ONTARIO, OR

LOCATION.-Lat 44°02'44", long 117°00'07", in NW¼SE¼ sec. 32, T. 17S, R. 05W, Hydrologic Unit 17050115, 0.25 mi north of the City of Ontario waste treatment plant and approx. 1.5 mi northwest of Ontario.

DRAINAGE AREA.-Not determined.

PERIOD OF RECORD.-April 1999 to current year.

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. Station number formerly listed in error as 13245000.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 238 ft³/s October 11; minimum daily, 39 ft³/s, May 3.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	191	147	119	115	124	---	---	59	85	103	72	115
2	203	134	123	114	125	---	---	57	97	89	72	125
3	203	130	129	117	121	---	---	39	107	65	72	122
4	204	127	131	116	115	---	---	42	136	53	90	121
5	196	131	126	113	113	---	---	116	108	69	96	129
6	203	142	128	116	117	---	---	137	101	78	98	129
7	204	134	132	118	125	---	---	134	107	77	92	139
8	208	131	129	118	135	---	---	118	112	97	81	134
9	221	129	128	116	139	---	---	111	115	94	67	141
10	224	128	125	114	139	---	---	92	149	79	68	135
11	238	129	124	126	136	---	---	93	145	73	80	140
12	232	127	126	154	137	---	---	115	140	62	90	148
13	219	126	127	151	136	---	---	125	97	66	71	163
14	211	131	130	145	138	---	---	116	91	93	62	172
15	216	130	126	138	134	---	---	88	90	95	59	172
16	215	126	122	133	129	---	---	83	82	97	74	177
17	215	123	125	132	118	---	179	86	86	88	78	168
18	214	121	122	129	117	---	171	86	83	94	76	181
19	218	122	122	129	119	---	204	84	99	98	84	191
20	214	121	124	130	124	---	185	105	102	112	81	196
21	167	124	123	129	122	---	159	111	102	117	81	192
22	160	127	118	128	125	---	155	136	103	132	75	196
23	153	124	118	123	129	---	122	139	100	113	78	206
24	155	123	118	122	142	---	122	156	112	95	89	205
25	144	135	114	122	173	---	93	156	107	97	98	196
26	137	128	116	124	185	---	116	171	71	106	106	178
27	132	123	116	125	158	---	133	162	62	100	96	198
28	128	123	119	124	---	---	109	132	76	92	92	208
29	126	126	116	114	---	---	90	105	82	98	94	204
30	156	125	116	113	---	---	67	85	95	82	101	---
31	149	---	117	118	---	---	---	90	---	70	99	---
Total	5856	3847	3809	3866	3575		1905	3329	3042	2784	2572	4781
Mean	188.9	128.2	122.9	124.8	132.4	---	136	107.3	101.5	89.9	82.9	164.8
Max	238	147	132	154	185	---	204	171	149	132	106	208
Min	126	121	114	113	113	---	67	39	62	53	59	115
AC-Ft	11620	7630	7555	7668	7091		3779	6603	6034	5522	5101	9483
CAL YEAR 2001	TOTAL	53652.00	MEAN	147	MAX	474	MIN	70	AC-FT	106400		
WTR YEAR 2002	TOTAL	39366.00	MEAN	124.6	MAX	238	MIN	39	AC-FT	78080		

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. Station number formerly listed in error as 13247505.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 1,290 ft³/s Apr. 15; minimum daily, 7.1 ft³/s Oct. 9.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.7	45	46	63	91	129	491	476	612	86	17	16
2	8.5	29	54	65	85	118	536	499	572	76	16	15
3	8.4	24	70	70	69	109	477	514	521	61	14	14
4	7.8	22	55	64	70	116	485	480	494	54	16	15
5	8.4	21	48	54	63	130	525	469	502	50	19	15
6	7.8	19	49	83	69	191	560	424	525	42	16	14
7	7.7	19	58	159	78	535	607	393	463	41	15	12
8	8.7	18	38	222	110	284	531	354	381	37	17	15
9	7.1	17	51	216	111	217	545	324	321	31	16	18
10	8.8	16	33	161	102	221	764	301	304	29	15	17
11	12	17	43	145	103	279	756	292	278	21	15	14
12	18	20	47	124	91	389	685	310	264	16	14	14
13	18	21	44	107	95	418	767	350	287	18	14	14
14	12	21	369	102	89	306	1210	414	329	14	13	12
15	11	24	160	97	88	262	1290	429	364	11	14	13
16	9.7	27	106	72	93	239	756	401	373	18	12	12
17	9.4	23	110	87	103	220	665	408	382	18	14	13
18	9.5	22	106	85	109	183	622	434	331	14	16	15
19	9.5	22	105	74	154	228	568	534	361	17	18	21
20	9.9	21	92	81	265	246	541	633	271	19	14	20
21	10	25	86	86	235	253	501	506	246	19	15	16
22	11	51	70	118	235	326	467	428	253	17	14	15
23	11	63	50	98	336	450	472	352	232	16	17	14
24	17	46	45	91	499	680	438	307	209	13	17	13
25	20	45	63	93	266	620	428	303	191	11	17	12
26	14	41	62	172	188	524	442	346	177	11	17	14
27	12	38	59	198	165	515	448	418	148	17	16	13
28	13	19	64	111	176	467	424	520	127	19	20	13
29	14	26	59	76	---	438	416	612	111	22	19	16
30	20	37	61	99	---	429	454	722	104	21	19	16
31	30	---	61	98	---	454	---	651	---	17	17	---
Total	372.9	839	2364	3371	4138	9976	17871	13604	9733	856	493	441
Mean	12.1	28	76.3	108.7	147.9	321.7	595.8	438.8	324.5	27.7	15.8	14.7
Max	30	63	369	222	499	680	1290	722	612	86	20	21
Min	7.1	16	33	54	63	109	416	292	104	11	12	12
AC-Ft	792	1637	4599	6671	8158	19340	34290	26930	19030	1591	974	830
CAL YEAR 2001	TOTAL	38190.40	MEAN	104.6	MAX	605	MIN	7.1	AC-FT	75750		
WTR YEAR 2002	TOTAL	64058.90	MEAN	175.5	MAX	1290	MIN	7.1	AC-FT	127100		

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.-Records good. Station equipment includes satellite telemetry. Flow regulated by Payette Lake (see sta 13238500), Lake Fork Reservoir and Cascade Reservoir 0.2 mi upstream, beginning November 1947 (sta 13244500). Diversions above station for irrigation of about 39,000 acres, (1966 determination).

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, 2,010 ft³/s Aug. 13; minimum daily, 170 ft³/s Jan. 27.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	308	209	224	209	188	229	198	222	252	1580	1700	1670
2	308	204	223	209	202	231	199	223	251	1580	1690	1690
3	308	203	224	209	208	235	199	230	256	1560	1690	1680
4	307	208	220	209	211	232	200	234	427	1550	1680	1680
5	308	210	426	209	209	235	200	235	465	1550	1660	1620
6	310	208	767	210	212	235	202	236	514	1550	1650	1520
7	309	199	218	210	215	213	205	236	634	1540	1640	1430
8	284	204	217	210	219	203	205	237	627	1640	1640	1380
9	271	206	215	211	220	195	203	238	625	1660	1630	1380
10	233	205	212	212	218	194	201	237	615	1630	1620	1380
11	211	205	206	213	216	194	198	239	607	1630	1610	1360
12	210	205	206	213	217	193	196	241	598	1630	1600	1310
13	210	211	213	214	218	195	196	246	603	1640	2010	1290
14	210	216	488	214	221	196	196	244	602	1640	1990	1270
15	211	216	205	214	224	201	194	247	602	1620	1980	1270
16	209	216	209	216	225	200	194	246	607	1620	1980	1260
17	208	214	207	214	221	199	193	250	607	1610	1960	1250
18	205	215	211	216	221	199	193	254	609	1620	1980	1170
19	206	226	218	216	222	201	206	260	750e	1610	1970	1100
20	213	225	213	216	226	208	219	262	1100e	1610	1940	1020
21	215	226	211	216	230	211	218	263	1380	1600	1940	1020
22	213	229	212	217	231	211	218	263	1390	1600	1930	1020
23	219	229	212	216	228	211	220	264	1480	1690	1920	967
24	218	239	212	193	226	211	221	265	1570	1750	1910	932
25	219	239	213	178	227	211	217	269	1570	1740	1890	891
26	221	237	213	175	231	202	220	259	1560	1730	1880	875
27	220	232	206	170	233	198	228	259	1560	1720	1880	876
28	221	219	205	175	229	198	227	265	1590	1730	1880	875
29	213	221	200	174	---	199	225	270	1590	1710	1860	876
30	206	226	199	175	---	200	222	270	1580	1700	1860	845
31	210	---	207	176	---	199	---	258	---	1700	1810	---
Total	7414	6502	7612	6309	6148	6439	6213	7722	26621	50740	56380	36907
Mean	239.1	216.7	245.5	203.5	219.5	207.7	207.1	249.2	887.3	1636	1819	1230
Max	310	239	767	217	233	235	228	270	1590	1750	2010	1690
Min	205	199	199	170	188	193	193	222	251	1540	1600	845
AC-Ft	14710	12900	15100	12510	12190	12770	12320	15320	52800	100600	111800	73200
CAL YEAR 2001	TOTAL	191481.00	MEAN	536.4	MAX	1580	MIN	193	AC-FT	379800		
WTR YEAR 2002	TOTAL	225007.00	MEAN	616.5	MAX	2010	MIN	170	AC-FT	446300		

e Estimated

13275000 BURNT RIVER AT HUNTINGTON, OR

LOCATION.-Lat 44°21'30", long 117°16'20", in NE⁴ 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 Department of Water Resources 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.-Records poor. Flow regulated by Unity Reservoir. Diversions for irrigation above station.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 959 ft³/s April 17; minimum daily recorded, 12.0 ft³/s Aug. 19, 20.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	49	---	---	---	210	271	60	51	32	49
2	---	---	52	---	---	---	222	247	71	48	31	52
3	---	---	53	---	---	---	219	219	68	45	29	51
4	---	---	52	---	---	---	210	227	62	35	27	49
5	---	---	53	---	---	---	208	270	56	31	25	49
6	---	---	54	---	---	---	210	279	49	33	24	56
7	---	---	56	---	---	---	221	246	46	33	24	57
8	---	---	53	---	---	---	277	160	45	35	21	54
9	---	---	54	---	---	---	291	111	50	32	18	55
10	---	---	50	---	---	---	317	90	61	35	17	55
11	---	---	50	---	---	---	386	69	70	39	16	53
12	---	---	51	---	---	---	409	66	75	46	16	54
13	---	---	51	---	---	---	561	62	93	48	16	56
14	---	---	53	---	---	---	742	58	89	44	16	52
15	---	37e	50	---	---	---	752	52	85	53	15	54
16	---	37	49	---	---	---	814	48	81	50	13	52
17	---	38	51	---	---	---	959	47	80	40	13	54
18	---	38	47	---	---	---	785	48	89	34	13	62
19	---	38	48	---	---	80	630	56	90	35	12	63
20	---	39	49	---	---	84	522	67	82	33	12	61
21	---	41	48	---	---	106	434	83	87	32	15	58
22	---	43	45	---	---	127	351	90	86	34	21	60
23	---	42	46	---	---	162	327	80	88	35	31	61
24	---	43	44	---	---	201	318	65	91	30	34	58
25	---	44	45	---	---	226	333	59	83	30	37	61
26	---	44	52	---	---	213	331	58	68	32	40	69
27	---	42	65	---	---	214	340	60	70	36	41	67
28	---	39	82	---	---	202	334	78	70	36	52	64
29	---	41	74	---	---	194	322	75	69	34	44	64
30	---	48	81	---	---	194	301	63	70	32	44	71
31	---	---	78	---	---	201	---	58	---	31	45	---
Total		654	1685			2204	12336	3462	2184	1162	794	1721
Mean	---	40.8	54.4	---	---	169.5	411.2	111.7	72.8	37.5	25.6	57.4
Max	---	48	82	---	---	226	959	279	93	53	52	71
Min	---	37	44	---	---	80	208	47	45	30	12	49
AC-Ft	0.00	1297	3342	0.00	0.00	4372	24470	6867	4332	2305	1575	3414
CA1 YEAR 2001	TOTAL	12740.41	MEAN	39.8	MAX	147	MIN	0.01	AC-FT	25270		
WTR YEAR 2002	TOTAL	26202.00	MEAN	107.8	MAX	959	MIN	12	AC-FT	51970		

e Estimated

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, 1,240 ft³/s March 24; minimum daily, 7.7 ft³/s Oct. 1.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.7	18	26	32	50e	186	617	127	31	35	44	31
2	7.9	17	26	33	60e	171	636	110	79	34	48	27
3	8.9	17	28	38	55e	157	576	91	176	36	48	21
4	8.5	17	27	36	40e	155	535	86	154	34	52	18
5	8	17	26	32	40e	157	536	69	115	34	44	15
6	8.2	17	20e	37	55e	167	550	58	104	34	47	19
7	8.1	17	16e	45e	80e	218	595	47	108	38	46	24
8	8.6	17	15e	40e	90e	211	553	42	105	36	44	24
9	9.4	19	15e	45e	91	205	537	42	101	34	43	21
10	10	19	15e	40e	95	192	604	37	101	31	37	19
11	13	18	20e	45e	92	207	605	40	103	28	33	17
12	13	18	20e	40e	70	389	615	38	89	26	29	15
13	13	20	20e	40e	79	445	631	36	64	27	30	14
14	14	25	25e	40e	62	439	733	33	45	24	25	13
15	13	25	25e	35e	63	368	873	36	36	28	26	13
16	11	23	30e	30e	67	306	762	43	31	28	27	13
17	9.9	22	30e	35e	65	269	624	40	28	21	23	14
18	11	21	30e	35e	61	237	519	37	32	19	28	17
19	12	21	54	45e	68	223	451	34	33	19	31	15
20	11	21	31	40e	86	240	388	34	48	25	28	13
21	11	22	31	40e	86	272	345	40	69	29	24	13
22	11	22	30	40e	96	334	314	48	57	26	25	14
23	13	23	29	40e	189	601	297	39	46	28	35	14
24	13	23	30e	40e	269	1240	255	33	43	35	33	13
25	16	24	30e	40e	167	1160	212	25	38	31	32	12
26	18	24	35e	35e	203	944	195	24	36	31	32	12
27	16	33	35e	25e	201	846	193	33	35	30	30	13
28	16	39	40e	13e	204	727	169	33	35	31	28	15
29	16	45	40e	12e	---	648	149	32	35	38	24	14
30	17	34	35e	15e	---	610	133	29	35	48	23	15
31	19	---	35e	35e	---	610	---	30	---	43	25	---
Total	372.2	678	869	1098	2784	12934	14202	1446	2012	961	1044	498
Mean	12.1	22.6	28	35.4	99.5	417.2	473.4	46.7	67.1	30.9	33.7	16.5
Max	19	45	54	45	269	1240	873	127	176	48	52	31
Min	7.7	17	15	12	40	155	133	24	28	19	23	12
AC-Ft	738	1345	1724	2178	5522	25650	28170	2868	3991	1906	2071	988
CA1 YEAR 2001	TOTAL	22185.30	MEAN	60.8	MAX	459	MIN	4.9	AC-FT	44000		
WTR YEAR 2002	TOTAL	38898.20	MEAN	106.6	MAX	1240	MIN	7.7	AC-FT	77150		

e Estimated

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, 2,200 ft³/s, May 29; minimum daily, 61 ft³/s, Oct. 7,8.

DISCHARGE (CFS), WATER YEAR 2001

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	64	187	104	90	100e	82e	333	630e	1450	703	129	100
2	64	154	97	91	100e	85e	350	750e	1360	613	125	99
3	63	139	112	93	100e	85e	315	790e	1280	567	122	98
4	63	134	109	88	95e	85e	336	800e	1280	545	121	98
5	63	127	106	88	90e	82	381	780e	1400	501	122	96
6	63	122	110e	95	95e	82	432	760e	1440	480	140	96
7	61	114	110e	89	100e	81	467	680e	1210	492	142	96
8	61	108	100e	112	115e	78	421	650e	962	494	140	95
9	63	107	104	103	110	79	458	600e	795	440	137	91
10	62	104	96	96	117	78	503	570e	692	405	136	89
11	80	102	110e	95	107	81	508	650e	645	395	134	87
12	70	100	115e	93	105	84	535	800e	651	383	133	84
13	86	104	115e	92	100e	86	600	900e	753	370	132	82
14	79	148	110e	91	100e	85	1060	1050e	953	359	130	80
15	84	131	115e	84	105e	85	965	1100e	1210	329	127	79
16	73	123	110e	85e	100e	86	707	1200e	1470	307	126	79
17	70	117	110e	85e	105e	83	590	1300e	1380	285	124	100
18	68	112	105e	85e	101	78	510	1800e	1280	268	122	100
19	68	109	110e	85e	85	92	460e	1900e	1020	257	121	92
20	67	110	107	90e	80	87	425e	2000e	919	233	118	90
21	66	129	98	85e	80	91	410e	1950e	913	214	119	89
22	72	134	86	90e	81	109	400e	1900e	956	203	122	88
23	138	128	85e	95e	89	148	410e	1650e	1000	191	116	86
24	90	115	80e	95e	95	166	430e	1400e	1020	182	113	85
25	81	116	80e	104	84	160	440e	1250e	1120	174	111	84
26	77	109	90e	92	80e	170	450e	1550e	1170	168	111	82
27	76	87	90e	87	90e	187	460e	1900e	1190	161	112	81
28	75	75e	110e	85e	96	193	500e	2000e	1080	154	107	80
29	76	100e	110e	80e	---	209	540e	2200e	1020	147	106	81
30	194	100e	110e	85e	---	238	590e	2060	836	137	105	83
31	286	---	106	90e	---	280	---	1680	---	132	103	---
Total	2603	3545	3200	2818	2705	3615	14986	39250	32455	10289	3806	2670
Mean	83.9	118.3	103.2	90.9	96.6	116.7	499.6	1266	1082	331.9	122.9	89
Max	286	187	115	112	117	280	1060	2200	1470	703	142	100
Min	61	75	80	80	80	78	315	570	645	132	103	79
AC-Ft	5163	7031	6347	5589	5365	7170	29720	77850	64370	20410	7549	5296

CAL YEAR 2001	TOTAL	66848.00	MEAN	183.1	MAX	1090	MIN	61	AC-FT	132600
WTR YEAR 2002	TOTAL	121942.00	MEAN	334.1	MAX	2200	MIN	61	AC-FT	241900

e Estimated

13288300 EAGLE CREEK AT RICHLAND, OR

LOCATION.-Lat 44°45'17", long 117°10'22", in SW¼NE¼ 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.-No estimated daily discharges. Records fair. Many irrigation diversions upstream for irrigation and stock water.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 2,420 ft³/s, May 30; minimum daily recorded, 2.5 ft³/s Aug. 1.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	93	86	85	85	392	453	1560	642	2.5	---
2	---	---	80	89	86	90	404	530	1450	510	2.9	---
3	---	---	99	90	72	87	330	594	1400	458	3.3	---
4	---	---	96	86	65	90	335	562	1380	417	2.8	---
5	---	---	96	80	64	92	379	537	1560	353	3.7	---
6	---	---	101	88	76	99	430	468	1630	328	---	---
7	---	---	91	98	81	96	447	419	1350	343	---	---
8	---	---	99	145	83	86	385	378	1010	331	---	---
9	---	---	94	125	71	85	415	349	816	270	---	---
10	---	---	82	109	73	87	481	330	711	235	---	5.9
11	---	---	87	107	74	107	487	336	652	225	---	6.3
12	---	---	90	105	67	132	520	397	640	212	---	8
13	---	---	96	103	71	121	584	509	749	205	---	9.5
14	---	---	85	98	71	111	1080	618	948	188	---	8
15	---	---	80	86	69	99	1020	704	1230	164	---	7.3
16	---	77	82	82	76	105	681	653	1640	137	---	7.2
17	---	72	89	92	82	96	532	699	1550	108	---	7.7
18	---	67	86	86	80	87	447	764	1360	84	---	8.2
19	---	68	91	91	81	100	380	1190	1050	66	---	8.3
20	---	73	94	93	81	108	339	1490	916	54	---	8.4
21	---	90	95	88	83	116	314	1180	913	43	---	9.1
22	---	93	79	85	90	150	293	946	956	29	---	11
23	---	89	82	88	107	197	317	771	964	27	---	11
24	---	79	73	87	119	227	287	709	966	24	---	11
25	---	80	69	91	92	223	296	715	1110	11	---	9.8
26	---	79	73	93	86	240	341	813	1150	9.1	---	11
27	---	63	73	83	96	256	344	1080	1200	6.2	---	11
28	---	77	86	52	102	246	326	1370	1090	4.5	---	11
29	---	80	88	68	---	260	340	2090	1020	4.9	---	9.9
30	---	91	89	88	---	287	382	2420	802	4.4	---	9
31	---	---	90	89	---	327	---	1870	---	2.9	---	---
Total		1178	2708	2851	2283	4492	13308	25944	33773	5496	15.2	188.6
Mean	---	78.6	87.4	92	81.6	144.9	443.5	837.1	1125	177.3	3.1	9
Max	---	93	101	145	119	327	1080	2420	1640	642	3.7	11
Min	---	63	69	52	64	85	287	330	640	2.9	2.5	5.9
AC-Ft		2337	5371	5655	4528	8910	26400	51460	66990	10900	30	374

CAL YEAR 2001	TOTAL	39671.50	MEAN	134	MAX	926	MIN	5.3	AC-FT	78690
WTR YEAR 2002	TOTAL	92236.80	MEAN	324.8	MAX	2420	MIN	2.5	AC-FT	182900

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.-Reservoir is formed by earthfill dam. Storage began May 5, 1958. Dam was completed in fall of 1958. 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, 1,418,000 acre-ft June 21, 2002, elevation 2,076.84 ft; minimum, 932,000 acre-ft Feb. 15, 2002, elevation 2035.82 ft.

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

STORAGE (ACFT), WATER YEAR 2002

DAILY OBSERVATION AT 2400 HOURS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1083000	1183000	1317000	1342000	1080000	970700	952500	1230000	1406000	1386000	1344000	1149000
2	1079000	1191000	1320000	1336000	1065000	968000	948400	1237000	1410000	1384000	1343000	1149000
3	1075000	1197000	1327000	1333000	1054000	972200	969900	1239000	1409000	1372000	1343000	1143000
4	1068000	1204000	1325000	1323000	1033000	965000	989400	1251000	1407000	1377000	1341000	1137000
5	1068000	1202000	1332000	1315000	1012000	967500	992800	1263000	1407000	1378000	1341000	1129000
6	1069000	1204000	1339000	1307000	999600	976300	995800	1269000	1409000	1376000	1339000	1129000
7	1065000	1208000	1342000	1295000	986200	975600	1009000	1273000	1409000	1375000	1337000	1132000
8	1068000	1212000	1345000	1288000	992300	977700	1014000	1276000	1409000	1378000	1337000	1135000
9	1071000	1220000	1349000	1282000	996100	986700	1019000	1281000	1412000	1379000	1332000	1138000
10	1073000	1226000	1353000	1275000	993700	988800	1031000	1285000	1408000	1373000	1321000	1140000
11	1080000	1230000	1358000	1271000	987200	983000	1060000	1292000	1407000	1371000	1316000	1134000
12	1083000	1234000	1358000	1270000	971900	979600	1084000	1298000	1407000	1363000	1310000	1127000
13	1090000	1237000	1353000	1279000	951700	983000	1110000	1297000	1406000	1359000	1296000	1109000
14	1092000	1239000	1352000	1274000	939200	983000	1139000	1300000	1408000	1357000	1281000	1106000
15	1096000	1244000	1354000	1261000	932900	986400	1173000	1311000	1407000	1355000	1264000	1099000
16	1101000	1249000	1357000	1251000	936800	989000	1196000	1322000	1408000	1352000	1250000	1088000
17	1107000	1254000	1346000	1237000	936300	996700	1199000	1333000	1410000	1341000	1239000	1079000
18	1115000	1258000	1335000	1225000	936300	987700	1198000	1346000	1412000	1344000	1234000	1077000
19	1123000	1261000	1331000	1230000	937100	981100	1192000	1356000	1411000	1345000	1223000	1071000
20	1127000	1260000	1330000	1229000	946900	985400	1189000	1372000	1410000	1344000	1215000	1066000
21	1134000	1270000	1327000	1216000	949700	985700	1197000	1388000	1413000	1342000	1212000	1064000
22	1145000	1274000	1326000	1200000	956100	985900	1187000	1396000	1409000	1349000	1201000	1064000
23	1148000	1280000	1330000	1185000	963300	993200	1175000	1393000	1409000	1346000	1192000	1058000
24	1148000	1279000	1326000	1168000	969900	1005000	1169000	1392000	1403000	1342000	1184000	1050000
25	1152000	1286000	1327000	1156000	971100	1017000	1171000	1393000	1401000	1346000	1182000	1040000
26	1161000	1292000	1323000	1151000	967600	1011000	1179000	1398000	1399000	1345000	1174000	1036000
27	1166000	1295000	1323000	1152000	969500	1006000	1190000	1400000	1392000	1347000	1169000	1030000
28	1172000	1298000	1329000	1141000	970900	1001000	1201000	1401000	1384000	1344000	1165000	1017000
29	1175000	1305000	1330000	1127000	---	991700	1210000	1403000	1382000	1344000	1147000	1013000
30	1173000	1312000	1334000	1108000	---	975200	1218000	1402000	1384000	1343000	1143000	995900
31	1180000	---	1338000	1098000	---	959800	---	1404000	---	1345000	1146000	---
Max	1180000	1312000	1358000	1342000	1080000	1017000	1218000	1404000	1413000	1386000	1344000	1149000
Min	1065000	1183000	1317000	1098000	932900	959800	948400	1230000	1382000	1341000	1143000	995900
†	2058.75	2069.26	2071.21	2051.64	2039.72	2038.61	2061.95	2075.92	2074.53	2071.71	2055.88	2042.17
‡	96000	132000	26000	-240000	-127100	-11100	258200	186000	-20000	-39000	-199000	-150100

CAL YEAR 2001 MAX 1358000 MIN 1065000 † 14000
 WTR YEAR 2002 MAX 1413000 MIN 932900 ‡ -88100

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

13289720 SNAKE RIVER AT BROWNLEE, ID

LOCATION.-Lat 44°50'48", long 116°53'42", in SW¼SW¼ 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 fair.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge recorded, 18,300 ft³/s Sept. 4; minimum daily recorded, 3,400 ft³/s July 22.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	7610	5210	6710
2	---	---	---	---	---	---	---	---	---	9380	6550	9080
3	---	---	---	---	---	---	---	---	---	10500	5160	11800
4	---	---	---	---	---	---	---	---	---	5890	5830	18300
5	---	---	---	---	---	---	---	---	---	6780	6490	12500
6	---	---	---	---	---	---	---	---	---	7700	5750	8890
7	---	---	---	---	---	---	---	---	---	7710	5550	7390
8	---	---	---	---	---	---	---	---	---	5370	5920	7000
9	---	---	---	---	---	---	---	---	---	6120	7170	6380
10	---	---	---	---	---	---	---	---	---	8830	9770	7720
11	---	---	---	---	---	---	---	---	---	8530	8020	11300
12	---	---	---	---	---	---	---	---	---	10000	8850	12800
13	---	---	---	---	---	---	---	---	---	10500	13800	17100
14	---	---	---	---	---	---	---	---	---	5390	12900	11700
15	---	---	---	---	---	---	---	---	---	7320	14100	13000
16	---	---	---	---	---	---	---	---	---	9620	13600	14000
17	---	---	---	---	---	---	---	---	---	9250	10900	13800
18	---	---	---	---	---	---	---	---	---	4900	7620	10200
19	---	---	---	---	---	---	---	---	---	5700	11200	11800
20	---	---	---	---	---	---	---	---	---	5920	9160	11000
21	---	---	---	---	---	---	---	---	---	6090	7350	9860
22	---	---	---	---	---	---	---	---	---	3400	9520	9020
23	---	---	---	---	---	---	---	---	---	8700	8420	12300
24	---	---	---	---	---	---	---	---	---	6880	9430	14000
25	---	---	---	---	---	---	---	---	---	4510	7540	13100
26	---	---	---	---	---	---	---	---	---	6140	10500	11000
27	---	---	---	---	---	---	---	---	---	16500	4910	7960
28	---	---	---	---	---	---	---	---	---	12000	7180	8990
29	---	---	---	---	---	---	---	---	---	8630	5560	15300
30	---	---	---	---	---	---	---	---	---	6980	5480	9080
31	---	---	---	---	---	---	---	---	---	6790	6320	---
Total	0	0	0	0	0	0	0	0	44110	218660	273960	345250
Mean	---	---	---	---	---	---	---	---	11030	7056	8839	11510
Max	---	---	---	---	---	---	---	---	16500	10500	15300	18300
Min	---	---	---	---	---	---	---	---	6980	3400	5160	6380
AC-Ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87490	433700	543400	684800

CAL YEAR 2001

WTR YEAR 2002 TOTAL 881980.00 MEAN 9187 MAX 18300 MIN 3400 AC-FT 1749000

13289960 WILDHORSE RIVER AT BROWNLEE, ID

LOCATION.-Lat 44°51'08", long 116°53'41", in NE¼SW¼, 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.-Records fair.

EXTREMES FOR CURRENT YEAR.-Maximum daily discharge, 2,120 ft³/s April 14; minimum daily, 13.0 ft³/s Oct. 2.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	35	23e	35	47	56	530e	388	427	65	19e	18e
2	13	31	23e	34	45	53	550e	425	394	61	19e	18e
3	14	28	23e	35	42	53	300e	397	355	58	19e	18e
4	14	27	23	35	43	53	290e	380	320	57	20e	18e
5	14	27	25	36	47	53	600e	388	316	56	20e	18e
6	14	26	25	38	44	57	800e	343	310	54	20e	18e
7	14	27	25	38	44	63	700e	299	274	64	21e	18e
8	14	26	24	58	44	54	570e	225	262	60	21e	18e
9	15	25	26	66	43	54	870e	208	240	51	21e	18e
10	15	26	21	59	43	53	1130e	194	201	59	21e	18
11	17	26	28	55	43	55	1190e	167	171	43	21e	18
12	19	27	29	50	41	69	1080	173	155	41	20e	18
13	18	26	30	45	43	106	1160	156	148	40	20e	17
14	17	28	31	45	43	103	2120	182	158	40	19e	17
15	17	29	29	45	42	103	1810	271	180	44	19e	17
16	17	27	30	40	44	103	988	304	188	41	18e	16
17	17	27	31	45	43	90	704	338	188	30e	17e	18
18	18	27	28	46	43	74	569	338	193	32e	18e	22
19	18	27	33	47	46	81	484	459	182	32e	18e	20
20	18	27	32	48	48	81	419	594	163	32e	18e	19
21	18	41	33	48	49	85	407	531	152	31e	18e	19
22	20	43	26e	42	50	116	392	417	151	30e	18e	18
23	23	40	17e	49	56	169	389	342	152	29e	18e	18
24	24	36	15e	46	65	261	280	286	138	27e	18e	17
25	22	35	14e	46	56	307	258	270	117	26e	18e	17
26	21	34	29e	46	50e	402	279	277	126	25e	18e	16
27	21	26	31e	42	55e	473	285	308	113	24e	18e	16
28	22	25	34	38	59	410	304	355	86	23e	18e	16
29	24	25e	29	66	---	387	311	408	75	21e	18e	17
30	26	25e	30	65	---	380e	360	470	70	20e	18e	20
31	40	---	36	48	---	360e	---	461	---	19e	18e	---
Total	578	879	833	1436	1318	4764	20129	10354	6005	1235	587	536
Mean	18.6	29.3	26.9	46.4	47.1	153.8	671.1	334.1	200.2	39.8	18.9	17.9
Max	40	43	36	66	65	473	2120	594	427	65	21	22
Min	13	25	14	34	41	53	258	156	70	19	17	16
AC-Ft	1146	1743	1652	2848	2614	9449	39930	20540	11910	2450	1164	1063
CA1 YEAR 2001	TOTAL	22400.40	MEAN	61.9	MAX	380	MIN	8.4	AC-FT	44430		
WTR YEAR 2002	TOTAL	48654.00	MEAN	133.3	MAX	2120	MIN	13	AC-FT	96500		

e Estimated

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, 20,200 ft³/s Feb. 5; minimum daily recorded, 5640 ft³/s July 22.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	19500	10900	---	6270	---	---	7830	6410
2	---	---	---	---	17900	11200	---	10500	---	---	8010	9670
3	---	---	---	---	15800	8600	---	13000	---	---	7230	13000
4	---	---	---	---	20100	13900	---	8090	---	---	7480	12500
5	---	---	---	---	20200	9720	15600	7940	---	---	8530	11500
6	---	---	---	---	16500	7280	14900	11900	---	---	7650	8210
7	---	---	---	---	16800	12200	11000	11300	---	---	7300	7550
8	---	---	---	---	7490	11300	14200	10500	---	---	8040	7350
9	---	---	---	---	7770	---	13300	10800	---	---	9660	7700
10	---	---	---	---	11100	---	11100	9980	---	---	12100	7630
11	---	---	---	---	14000	---	5740	8970	---	---	10600	11900
12	---	---	---	---	19000	---	7000	8770	---	---	10600	13800
13	---	---	---	---	20000	---	6420	12000	---	---	14500	15300
14	---	---	---	---	15600	---	5700	9820	---	---	14800	10700
15	---	---	---	---	13600	---	9560	8240	---	---	15600	12800
16	---	---	---	17900	7730	---	15400	---	---	---	15300	12300
17	---	---	---	17500	10600	---	17500	---	---	11400	13200	13200
18	---	---	---	16200	9830	---	16600	---	---	7140	9000	11000
19	---	---	---	8330	10200	---	17400	---	---	7550	13600	7500
20	---	---	---	11500	7430	---	14600	---	---	7440	10900	11100
21	---	---	---	17000	9160	---	9530	---	---	7850	9420	8950
22	---	---	---	19900	8420	---	17200	---	---	5640	11400	8840
23	---	---	---	17700	8890	---	18900	---	---	10800	12000	12100
24	---	---	---	18300	9650	---	13700	---	---	10400	11100	13500
25	---	---	---	16600	12300	---	10200	---	---	5740	8830	12800
26	---	---	---	13100	12900	---	6620	---	---	8260	12500	10500
27	---	---	---	9010	10900	---	6470	---	---	5850	9820	11600
28	---	---	---	15800	11100	---	5890	---	---	8670	12400	13500
29	---	---	---	17600	---	---	6600	---	---	7700	16700	10200
30	---	---	---	18700	---	---	5850	---	---	8850	11600	15900
31	---	---	---	14600	---	---	---	---	---	7530	7780	---
Total	0	0	0	249740	364470	85100	296980	148080		120820	335480	329010
Mean	---	---	---	15600	13020	10660	11420	9869	---	8054	10820	10970
Max	---	---	---	19900	20200	13900	18900	13000	---	11400	16700	15900
Min	---	---	---	8330	7430	7280	5700	6270	---	5640	7230	6410
AC-Ft	0.00	0.00	0.00	495400	722900	168800	589100	293700		239600	665400	652600

CAL YEAR 2001

WTR YEAR 2002 TOTAL 1929680.00 MEAN 11420 MAX 20200 MIN 5640 AC-FT 3827000

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.-No estimated daily discharges. Records fair. Station equipment includes radio telemetry. Numerous diversions upstream for irrigation.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 3,490 ft³/s April 14, gage height 3.89 ft.; minimum daily, 22 ft³/s, Oct. 3.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	125	109	126	165	259	1480	1160	1630	293	35	35
2	23	98	112	131	157	239	1500	1280	1400	251	35	33
3	22	83	119	141	144	222	1270	1310	1260	223	33	33
4	23	76	112	137	141	221	1270	1110	1170	199	33	32
5	23	73	110	137	165	216	1390	1040	1180	180	34	30
6	23	71	113	154	168	238	1560	890	1210	169	35	32
7	24	70	114	252	151	290	1530	808	1050	158	36	38
8	26	66	104	324	185	266	1340	689	886	148	34	38
9	26	65	107	337	176	256	1450	592	739	129	35	38
10	28	64	106	296	173	246	1730	533	658	106	35	36
11	39	65	102	272	177	311	1650	541	601	90	34	35
12	39	64	105	254	164	968	1770	614	589	75	33	34
13	37	64	114	234	171	963	2010	759	620	62	32	32
14	35	105	123	221	163	795	3490	931	694	58	32	30
15	32	109	124	203	160	742	3030	1000	755	60	30	30
16	32	89	131	180	165	622	1920	960	875	59	29	31
17	32	82	125	179	162	508	1410	1020	870	52	30	35
18	31	78	127	169	166	413	1090	1140	838	48	31	39
19	32	75	132	167	197	429	908	1480	731	49	31	38
20	33	77	131	166	220	498	857	1930	619	50	30	36
21	34	146	132	168	216	613	845	1630	575	48	31	34
22	38	163	130	160	231	743	858	1230	552	46	35	35
23	83	175	129	152	276	1120	944	1020	542	47	38	35
24	67	130	122	158	405	1740	838	922	526	44	37	36
25	56	128	129	159	387	1610	838	972	520	42	37	33
26	52	115	127	185	345	1590	911	1090	487	42	34	32
27	51	96	121	204	307	1680	933	1300	455	41	32	33
28	51	104	129	148	297	1710	844	1530	408	38	34	34
29	50	102	121	175	---	1500	866	1840	394	36	35	38
30	68	111	123	230	---	1340	972	2070	346	35	34	43
31	236	---	125	178	---	1370	---	1770	---	34	35	---
Total	1369	2869	3708	5997	5834	23718	41504	35161	23180	2912	1039	1038
Mean	44.2	95.7	119.6	193.4	208.3	765.4	1384	1135	773.1	93.9	33.5	34.6
Max	236	175	132	337	405	1740	3490	2070	1630	293	38	43
Min	22	64	102	126	141	216	838	533	346	34	29	30
AC-Ft	2715	5691	7355	11890	11570	47040	82320	69740	45980	5776	2061	2059
CA1 YEAR 2001	TOTAL	62492.00	MEAN	171.2	MAX	1260	MIN	17	AC-FT	124000		
WTR YEAR 2002	TOTAL	148329.00	MEAN	406.4	MAX	3490	MIN	22	AC-FT	294200		

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, unsurveyed Willamette meridian, Wallowa County, Oregon, Wallowa-Witman National Forest, Hydrologic Unit 17050201, on left bank 0.2 mi upstream from Hells Canyon Creek, 0.4 mi downstream from Deep Creek, 0.6 mi downstream from Hells Canyon Dam, 15.5 mi northeast of Homestead, and at mile 247.0.

DRAINAGE AREA.-73,300 mi², approximately.

PERIOD OF RECORD.-July 1965 to September 2001 (discontinued by USGS). October 2001 to September 2002 operated by Idaho Power Company.

REVISED RECORDS.-WRD ID-78-2: 1969-70, 1972-76, WRD ID-79-2: 1972-73(m).

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. Flow regulated by many reservoirs above station, with a total usable capacity of more than 10,000,000 acre-feet, the most effective of which is Brownlee Reservoir 38 mi upstream (see sta 13289700). Diurnal fluctuations caused by Hells Canyon power plant. Diversions above station for irrigation of about 3,820,000 acres, of which 742,000 acres are irrigated by withdrawals from ground water (1966 determination).

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, 29,200 ft³/s April 19, gage height, 71.76 ft; minimum, 5,060 ft³/s Oct. 1, gage height, 62.72 ft.

DISCHARGE (CFS), WATER YEAR 2002

DAILY MEAN VALUE

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10900	8980	9070	9150	20700	13300	24900	9250	17800	8540	7360	7560
2	12700	8980	9080	13800	19400	11000	22800	12500	19000	9630	7670	10600
3	10200	8960	9070	13200	16700	10300	11000	15800	18500	12900	7640	13500
4	12800	9010	9040	17400	23200	14900	9330	9300	20200	7790	7920	13400
5	9990	9000	9000	16500	21000	10800	17900	9320	18500	7840	9190	12900
6	8750	8940	9080	13200	18400	9300	19300	14400	16400	8240	7620	9040
7	11600	8900	9140	18900	17300	10200	15700	13000	16100	8540	8990	7500
8	8740	8890	9170	18300	9530	13200	19200	12100	16100	7470	7760	8210
9	8110	8910	9160	17800	9110	9460	18100	11300	14200	7420	10900	8670
10	8090	8980	9020	16800	10900	10900	16300	11800	16800	10100	13100	8580
11	8130	9030	9020	15600	15800	17000	10200	10200	14500	10900	10900	12500
12	8140	9010	11300	12700	21500	16800	9410	9200	13900	10600	12400	15600
13	8110	9030	15200	9180	21200	15500	9400	14100	13400	12600	15500	18100
14	8110	9000	11900	15000	16100	16700	9430	11700	12300	7850	17000	12400
15	8110	8960	12100	18000	15000	14800	16900	10200	12700	9160	16600	14700
16	8100	8950	11300	18600	9860	12900	20200	8800	12700	10400	16000	14500
17	8240	8970	17000	19100	10900	9450	24000	8650	12300	11800	15300	14200
18	8180	8950	18700	16600	11400	19600	23900	8570	13100	8190	10500	12100
19	8150	8950	14400	10600	10400	17200	22500	9930	12600	7310	15100	14000
20	8180	8980	11800	11600	9220	14200	20700	11000	11400	7600	11700	12500
21	8170	9050	12800	18100	9230	11500	14200	12300	11200	7240	11100	10800
22	8390	9040	11800	21300	9480	14900	24200	13600	11700	7500	13600	11100
23	8510	9040	9400	18800	9230	12800	23500	17900	12300	10300	14000	14200
24	8360	9100	14800	19800	9240	17700	18400	19300	15100	10800	11900	15600
25	8330	9100	9260	17300	14100	20300	14900	12800	14500	7660	9740	15400
26	8460	9010	12300	15100	15200	24200	9320	13400	13100	7220	14700	12300
27	8510	9020	12000	10700	13100	24700	9360	16500	12800	7390	11100	14600
28	8570	8980	9240	16900	10300	25800	9350	19000	16000	7640	13900	15800
29	8820	8990	9170	21100	---	26600	9340	16900	10900	7290	18100	13200
30	8920	9040	9160	19300	---	25500	9330	17800	8510	10400	12300	19700
31	8960	---	9150	17100	---	27500	---	20700	---	7510	8390	---
Total	277330	269750	342630	497530	397500	499010	483070	401320	428610	275830	367980	383260
Mean	8945	8992	11050	16050	14200	16090	16100	12940	14290	8903	11870	12780
Max	12800	9100	18700	21300	23200	27500	24900	20700	20200	12900	18100	19700
Min	8090	8890	9000	9150	9110	9300	9320	8570	8510	7220	7360	7500
AC-Ft	550100	535000	679600	986800	788400	989800	958200	796000	850100	547100	729900	760200
CAL YEAR 2001	TOTAL	3883270.00	MEAN	10640	MAX	21300	MIN	6960	AC-FT	7702000		
WTR YEAR 2002	TOTAL	4623820.00	MEAN	12670	MAX	27500	MIN	7220	AC-FT	9171000		

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

LOCATION.-Lat 45°27'50", long 116°33'16", in SE¼NE¼ 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, 10.37 ft Apr. 18; minimum gage height, 3.85 ft Oct. 1.

STAGE (FT), WATER YEAR 2002

DAILY MEAN VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.58	5.32	5.35	5.35	8.25	6.50	9.72	5.40	7.82	5.10	4.73	4.89
2	6.35	5.32	5.36	6.51	8.15	5.75	8.71	6.19	8.01	5.40	4.83	5.49
3	5.77	5.31	5.34	6.54	7.52	5.81	6.28	7.23	7.84	6.38	4.82	6.67
4	6.33	5.33	5.34	7.44	8.83	6.81	5.43	5.51	8.31	5.06	4.92	6.52
5	5.79	5.33	5.32	7.40	8.63	5.94	7.46	5.43	7.92	4.91	5.28	6.38
6	5.26	5.30	5.35	6.59	7.99	5.39	8.08	6.72	7.46	5.04	4.86	5.47
7	5.88	5.29	5.36	7.88	7.47	5.49	7.29	6.49	7.33	5.12	5.24	4.79
8	5.38	5.29	5.39	7.87	5.69	6.59	8.03	6.22	7.11	4.84	4.85	5.02
9	5.07	5.30	5.38	7.76	5.33	5.52	7.85	5.96	6.83	4.76	5.67	5.14
10	5.07	5.31	5.34	7.42	5.69	5.82	7.41	6.15	7.53	5.36	6.33	5.17
11	5.08	5.34	5.33	7.14	7.16	7.35	5.80	5.67	6.85	5.81	5.89	6.25
12	5.08	5.33	5.87	6.45	8.40	7.44	5.47	5.38	6.76	5.71	6.21	6.98
13	5.08	5.33	7.02	5.48	8.65	7.11	5.48	6.60	6.61	6.34	6.93	7.63
14	5.07	5.33	6.15	6.89	7.36	7.38	5.54	6.20	6.26	5.11	7.49	6.30
15	5.07	5.32	6.20	7.56	7.00	7.09	7.40	5.67	6.27	5.25	7.32	6.90
16	5.07	5.31	5.95	7.83	5.64	6.33	8.09	5.33	6.39	5.53	7.33	6.85
17	5.09	5.31	7.47	8.03	5.73	5.56	9.17	5.21	6.30	6.00	6.93	6.88
18	5.07	5.31	7.87	7.54	6.10	7.88	9.25	5.20	6.57	5.28	5.84	6.11
19	5.05	5.31	6.95	5.86	5.74	7.61	8.99	5.49	6.40	4.72	6.87	6.60
20	5.06	5.32	6.07	5.96	5.37	6.90	8.40	6.00	5.90	4.81	6.20	6.34
21	5.05	5.34	6.45	7.48	5.38	6.04	6.81	6.34	6.04	4.69	5.92	5.72
22	5.11	5.34	6.07	8.61	5.45	6.89	9.05	6.62	6.04	4.78	6.48	5.92
23	5.18	5.34	5.52	8.01	5.37	6.45	9.19	7.60	6.25	5.44	6.60	6.56
24	5.12	5.35	6.83	8.09	5.37	7.51	8.01	8.19	6.75	5.71	6.10	7.12
25	5.11	5.36	5.48	7.81	6.69	8.19	7.03	6.58	7.02	5.10	5.60	7.07
26	5.15	5.32	6.06	6.96	6.91	9.20	5.48	6.56	6.40	4.70	6.78	6.34
27	5.17	5.34	6.21	5.80	6.58	9.39	5.44	7.28	6.29	4.74	5.93	6.70
28	5.18	5.33	5.53	7.38	5.68	9.68	5.43	8.23	7.34	4.75	6.73	7.16
29	5.25	5.32	5.36	8.40	---	9.82	5.42	7.42	5.91	4.78	7.56	6.57
30	5.31	5.34	5.35	8.04	---	9.52	5.42	7.71	5.16	5.40	6.55	7.98
31	5.32	---	5.34	7.58	---	10.07	---	8.47	---	4.99	5.06	---
Mean	5.29	5.32	5.89	7.21	6.72	7.19	7.24	6.42	6.79	5.21	6.06	6.32
Max	6.35	5.36	7.87	8.61	8.83	10.07	9.72	8.47	8.31	6.38	7.56	7.98
Min	5.05	5.29	5.32	5.35	5.33	5.39	5.42	5.20	5.16	4.69	4.73	4.79
Cal YEAR 2001	MEAN		5.50	MAX	7.87	MIN	5.05					
WTR YEAR 2002	MEAN		6.30	MAX	10.07	MIN	4.69					