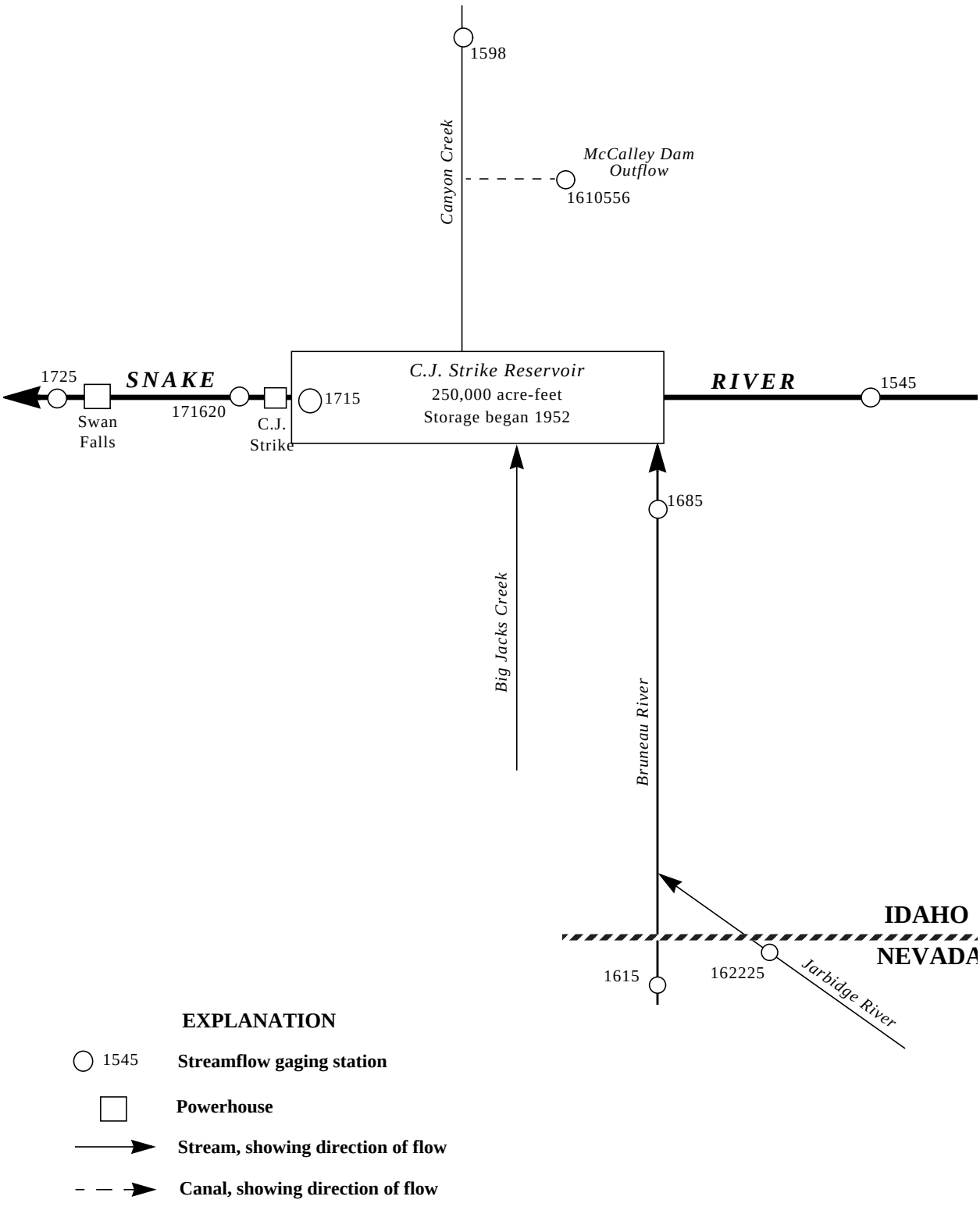

Figure 23. Schematic diagram showing gaging stations in the Snake River basin between King Hill and Murphy and in the Bruneau River basin.

CANYON CREEK BASIN

13159800 CANYON CREEK AT OREGON TRAIL CROSSING NEAR MOUNTAIN HOME, ID

LOCATION.--Lat 43°15'40", long 115°42'09", (NAD83), in SE¼NW¼SE¼ sec.11, T.2 S., R.6 E., Elmore County, Syrup Creek quad., Hydrologic Unit 17050101, on right bank, 31 mi upstream from mouth, 3 mi downstream from confluence of Syrup Creek and Long Tom Creek, and 8.5 mi north of Mountain Home.

DRAINAGE AREA.--70.5 mi^2.

PERIOD OF RECORD.--March 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,540 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records poor. Flow partly regulated by Long Tom Reservoir which receives water by inter-basin transfer from South Fork Boise River drainage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,420 ft^3/s Feb. 23, 1986, gage height, 5.09 ft; no flow Sept. 29 to Oct. 28, 1991, July 21 to Nov. 9, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 86 ft^3/s Aug. 14; minimum daily, 0.74 ft^3/s Oct. 26.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	0.93	1.8	5.4	8.2	5.4	17	11	33	32	50	52
2	1.5	0.88	1.8	5.2	8.0	5.6	16	11	31	31	53	45
3	1.5	0.98	1.8	5.0	7.9	5.7	17	15	28	31	56	35
4	1.6	1.1	1.7	4.8	7.7	5.9	19	16	28	30	55	26
5	1.5	1.0	2.2	4.6	7.4	5.8	19	17	28	46	55	5.2
6	1.5	1.0	1.8	4.2	7.3	5.4	19	17	33	48	57	3.1
7	1.6	1.0	1.8	4.0	6.8	6.3	19	17	32	64	50	2.5
8	1.6	1.0	2.2	4.1	6.4	6.8	22	17	32	63	56	2.0
9	1.5	1.0	4.1	3.9	6.2	7.5	16	23	39	56	70	1.8
10	1.4	1.1	4.1	3.8	5.9	8.2	15	17	39	55	81	1.9
11	1.5	1.3	5.0	3.7	5.8	8.8	14	12	39	49	76	1.8
12	1.6	1.2	7.6	3.3	5.9	9.2	15	12	36	46	83	1.8
13	1.6	1.3	12	3.2	5.9	9.2	15	13	34	45	82	1.7
14	1.6	1.0	12	4.9	6.1	8.9	12	14	39	45	86	1.7
15	1.4	1.1	12	8.5	5.3	8.7	12	15	41	44	85	1.5
16	1.6	1.1	11	3.6	5.2	8.4	11	20	40	44	80	1.5
17	1.7	1.1	10	3.4	5.6	7.9	12	29	40	43	80	1.7
18	2.5	1.1	9.1	3.4	5.0	7.5	11	31	39	43	79	1.7
19	2.3	1.1	8.5	3.6	4.8	7.3	11	36	42	43	82	1.6
20	1.9	1.2	7.8	3.6	4.9	7.7	14	41	43	52	84	1.5
21	1.3	1.2	7.1	3.7	4.8	7.6	13	43	37	55	78	1.5
22	1.2	1.3	6.9	3.9	4.8	7.7	12	40	43	55	74	1.5
23	1.5	1.4	6.4	4.3	5.0	8.1	11	36	47	55	68	1.4
24	1.4	1.5	6.4	4.9	5.1	8.2	10	32	50	59	60	1.5
25	1.1	1.7	6.4	4.9	5.2	8.5	12	29	53	47	51	1.6
26	0.74	1.6	6.2	5.3	5.2	8.6	12	26	55	47	49	1.5
27	0.77	1.6	5.7	5.7	5.2	8.7	10	25	48	48	53	1.4
28	0.93	1.6	5.6	6.1	5.3	9.4	10	23	50	47	61	1.4
29	1.1	1.6	6.3	7.4	---	10	11	24	48	51	55	1.3
30	0.94	1.6	6.6	7.8	---	11	12	34	35	59	46	1.3
31	0.94	---	6.0	8.1	---	13	---	33	---	47	50	---
TOTAL	44.82	36.59	187.9	148.3	166.9	247.0	419	729	1182	1480	2045	205.4
MEAN	1.45	1.22	6.06	4.78	5.96	7.97	14.0	23.5	39.4	47.7	66.0	6.85
MAX	2.5	1.7	12	8.5	8.2	13	22	43	55	64	86	52
MIN	0.74	0.88	1.7	3.2	4.8	5.4	10	11	28	30	46	1.3
AC-FT	89	73	373	294	331	490	831	1450	2340	2940	4060	407

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	3.26	2.58	5.51	14.1	34.7	62.7	58.0	52.5	55.2	49.6	39.0	21.2
MAX	9.21	8.06	32.3	114	261	196	170	105	79.4	88.9	70.5	52.8
(WY)	1996	1986	1997	1997	1986	1989	1984	1984	1989	1999	1999	1999
MIN	0.00	0.59	1.08	1.69	3.03	5.12	3.38	7.17	5.73	2.16	0.00	0.00
(WY)	1993	1995	1991	1992	2001	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	10647.51		6891.91			
ANNUAL MEAN	29.1		18.9		31.9	
HIGHEST ANNUAL MEAN					69.6	1986
LOWEST ANNUAL MEAN					2.63	1992
HIGHEST DAILY MEAN	144	Mar 18	86	Aug 14	997	Feb 24 1986
LOWEST DAILY MEAN	0.74	Oct 26	0.74	Oct 26	0.00	Sep 28 1991
ANNUAL SEVEN-DAY MINIMUM	0.91	Oct 26	0.91	Oct 26	0.00	Sep 28 1991
ANNUAL RUNOFF (AC-FT)	21120		13670		23110	
10 PERCENT EXCEEDS	67		52		73	
50 PERCENT EXCEEDS	19		8.1		18	
90 PERCENT EXCEEDS	1.4		1.4		1.2	

131610556 MCCALLEY DAM OUTFLOW AT MOUNTAIN HOME AIR FORCE BASE, ID

LOCATION.--Lat 43°03'01", long 115°53'40", (NAD83), in $SW^{1}/_{4}SW^{1}/_{4}NW^{1}/_{4}$ sec.29, T.4 S., R.5 E., Elmore County, Crater Rings SW Quad., Hydrologic Unit 17050101, on right bank at McCalley Dam, 125 ft upstream from Liberator Street, on Mountain Home Air Force Base.

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

GAGE.--Water-stage recorder. Elevation of gage is 2,980 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15 ft^{3}/s May 19, 20, 2004, gage height, 6.37 ft, from rating curve developed using computation of peak flow over weir; no flow for long periods each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9.2 ft^{3}/s May 9, gage height, 6.15 ft, from rating curve developed using computation of peak flow over weir; no flow for many days.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.9	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.8	0.00	0.00	0.00	0.00

CAL YR 2004 TOTAL 3.90 MEAN 0.01 MAX 2.6 MIN 0.00 AC-FT 7.7
WTR YR 2005 TOTAL 1.90 MEAN 0.01 MAX 1.9 MIN 0.00 AC-FT 3.8

BRUNEAU RIVER BASIN

13161500 BRUNEAU RIVER AT ROWLAND, NV

LOCATION.--Lat 41°56'00", long 115°40'25", (NAD27), in NW¼SE¼ sec.29, T.47 N., R.56 E., Elko County, Nevada, Big Table quad., Hydrologic Unit 17050102, Humboldt National Forest, on left bank 2 mi upstream from McDonald Creek, and 0.5 mi south of Rowland.

DRAINAGE AREA.--382 mi^2.

PERIOD OF RECORD.--June 1913 to September 1918 (published as "near Rowland"), water years 1962-66 (annual maximum), October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above NGVD of 1929, from topographic map. June 1913 to September 1918, nonrecording gage at different site and datum. October 1961 to September 1966, crest-stage gage at site 3 mi upstream at different datum.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,140 ft^3/s May 14, 1984, gage height, 12.01 ft; minimum daily, 1.7 ft^3/s Aug. 28-30, 2001.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 11	0600	236	4.02	Apr. 8	0115	299	4.33
				May 17	1315	*1,620	*9.95

Minimum daily, 8.2 ft^3/s Oct. 3, 9.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.3	16	e16	21	41	37	127	569	595	110	27	12
2	8.3	15	e16	e21	35	40	141	536	526	102	28	11
3	8.2	17	e16	e21	e28	41	163	529	467	95	24	10
4	8.6	17	e16	e21	e27	38	163	525	415	88	22	10
5	8.6	16	e16	e21	e27	40	148	552	388	81	21	10
6	8.6	16	e17	e21	e27	43	153	622	371	75	20	10
7	8.4	16	20	e21	e27	50	232	617	352	70	19	10
8	8.3	16	24	e22	27	62	281	579	334	66	19	9.9
9	8.2	17	41	e22	28	86	247	640	303	64	20	9.7
10	8.5	17	57	e22	32	140	200	621	273	62	19	11
11	8.6	20	54	e22	32	209	176	642	266	58	17	14
12	8.8	26	44	22	36	249	177	743	272	53	16	14
13	8.8	23	42	e22	34	286	201	711	239	48	16	14
14	8.9	21	40	e22	37	226	206	665	224	44	16	14
15	8.9	19	39	e22	29	191	191	632	224	42	16	13
16	8.9	19	30	e22	26	143	186	953	233	39	16	13
17	9.2	19	30	e22	38	117	227	1510	255	37	18	13
18	11	19	30	23	37	100	262	1330	253	36	19	14
19	11	18	30	24	36	97	242	1180	221	34	18	14
20	13	17	29	26	31	113	233	1150	198	32	16	13
21	13	16	18	28	31	105	238	1110	189	30	15	14
22	12	22	e18	28	36	108	269	995	194	30	15	15
23	13	22	e18	30	33	135	337	925	192	31	14	14
24	17	17	e18	31	31	143	379	846	183	28	13	13
25	15	19	e18	34	34	126	482	772	171	26	13	15
26	16	19	e19	36	35	113	472	699	161	25	13	15
27	17	19	e20	38	36	117	485	655	154	24	12	15
28	18	17	e20	40	40	149	645	619	145	23	12	15
29	18	16	e21	42	---	154	692	619	135	23	11	15
30	17	e16	e21	42	---	126	626	691	121	28	11	14
31	17	---	e21	41	---	120	---	612	---	31	12	---
TOTAL	354.1	547	819	830	911	3704	8581	23849	8054	1535	528	384.6
MEAN	11.4	18.2	26.4	26.8	32.5	119	286	769	268	49.5	17.0	12.8
MAX	18	26	57	42	41	286	692	1510	595	110	28	15
MIN	8.2	15	16	21	26	37	127	525	121	23	11	9.7
AC-FT	702	1080	1620	1650	1810	7350	17020	47300	15980	3040	1050	763

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2005, BY WATER YEAR (WY)

MEAN	20.7	26.6	27.7	37.4	52.8	157	310	386	209	50.6	16.3	14.1
MAX	52.2	58.5	56.3	137	276	608	666	1256	744	257	86.5	39.8
(WY)	1985	1985	1976	1971	1986	1972	1914	1984	1984	1984	1984	1984
MIN	6.95	11.7	11.9	12.0	16.0	37.4	55.0	50.4	14.7	5.60	2.59	3.87
(WY)	2004	2002	2003	1992	2001	1981	1968	1992	1992	1992	2001	1981

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1913 - 2005	
ANNUAL TOTAL	29378.1		50096.7			
ANNUAL MEAN	80.3		137		109	
HIGHEST ANNUAL MEAN					290	1984
LOWEST ANNUAL MEAN					24.2	1992
HIGHEST DAILY MEAN	593	Mar 24	1510	May 17	2070	May 14 1984
LOWEST DAILY MEAN	4.7	Aug 13	8.2	Oct 3	1.7	Aug 28 2001
ANNUAL SEVEN-DAY MINIMUM	5.3	Aug 9	8.4	Oct 3	1.9	Aug 26 2001
ANNUAL RUNOFF (AC-FT)	58270		99370		79010	
10 PERCENT EXCEEDS	249		501		332	
50 PERCENT EXCEEDS	21		30		34	
90 PERCENT EXCEEDS	7.8		13		9.9	

e Estimated

BRUNEAU RIVER BASIN

13162225 JARBIDGE RIVER BELOW JARBIDGE, NV

LOCATION.--Lat 41°53'26", long 115°25'40", (NAD27), in SW¼NW¼ sec.9, T.46 N., R.58 E., Elko County, Nevada, Jarbidge North quad., Hydrologic Unit 17050102, Humboldt National Forest, on right bank, 1.0 mi north of Jarbidge.

DRAINAGE AREA.--30.6 mi^2.

PERIOD OF RECORD.--April 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,050 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 1,230 ft^3/s May 16, 2005, gage height, 5.59 ft; minimum daily, 2.5 ft^3/s Aug. 23, 26, 29, 30, Sept. 16, 2000, Sept. 11, 2001.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 1,230 ft^3/s May 16, gage height, 5.59 ft; minimum daily, 4.9 ft^3/s Sept. 9.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	6.9	6.4	e7.1	9.4	9.9	12	76	300	71	13	5.9
2	6.5	8.5	e6.4	e7.0	e9.4	9.9	15	79	222	67	13	5.8
3	6.8	8.5	e6.4	6.9	9.4	9.7	19	87	168	63	12	5.6
4	6.9	8.5	e6.4	6.9	9.7	9.8	16	109	137	57	11	5.5
5	6.5	8.1	e6.4	6.8	9.5	10	15	172	131	52	11	5.4
6	6.1	8.1	6.4	e6.9	9.2	11	25	218	124	48	10	5.6
7	5.9	8.1	6.2	e6.9	8.8	12	46	182	113	44	10	5.1
8	5.7	8.8	8.1	e6.9	e8.9	14	48	162	98	40	9.9	5.0
9	5.6	9.1	15	e6.9	e8.8	18	39	168	84	38	9.8	4.9
10	5.8	8.8	14	e6.9	e8.7	22	33	155	74	35	9.7	5.7
11	5.8	9.5	14	6.9	e8.5	25	30	138	72	32	9.1	6.0
12	5.7	11	13	e6.9	8.5	27	33	129	70	29	8.8	5.8
13	5.6	9.7	14	e6.9	8.2	25	39	138	70	27	8.4	5.9
14	5.5	9.3	13	e6.8	8.2	22	39	150	96	25	8.3	5.8
15	5.5	8.8	12	6.6	e8.0	19	37	181	155	23	8.2	5.6
16	5.3	8.6	10	6.8	e8.0	16	43	e600	201	21	8.3	5.4
17	5.6	8.3	10	6.6	e8.0	15	54	e580	211	19	8.7	5.4
18	7.3	7.8	9.6	6.9	e8.0	14	59	362	164	18	8.6	5.6
19	6.5	7.2	9.4	8.8	8.2	13	52	418	136	17	8.1	5.5
20	9.0	5.5	9.2	11	7.9	13	46	409	142	16	7.5	5.3
21	8.9	e6.0	e9.1	12	7.7	12	41	429	164	15	7.1	5.7
22	7.3	e6.4	8.6	12	7.7	12	54	353	175	16	7.3	5.2
23	7.6	e6.7	e8.7	12	7.8	13	72	453	163	15	7.1	5.1
24	7.8	6.9	e8.4	13	8.7	11	73	395	154	14	6.7	5.2
25	7.4	7.0	8.1	e9.0	9.1	11	76	323	138	13	6.6	5.4
26	7.6	6.4	e7.9	e9.8	9.3	11	91	304	120	13	6.5	5.4
27	8.4	6.3	7.5	e11	9.8	12	97	310	102	13	6.1	5.3
28	9.0	6.2	7.3	12	11	14	112	324	91	12	5.9	5.4
29	8.1	e6.3	7.4	11	---	13	98	361	81	13	5.7	5.2
30	7.8	e6.3	7.3	11	---	12	83	399	76	15	5.6	5.1
31	8.0	---	7.7	10	---	15	---	308	---	13	6.0	---
TOTAL	211.9	233.6	283.9	266.2	244.4	451.3	1497	8472	4032	894	264.0	163.8
MEAN	6.84	7.79	9.16	8.59	8.73	14.6	49.9	273	134	28.8	8.52	5.46
MAX	9.0	11	15	13	11	27	112	600	300	71	13	6.0
MIN	5.3	5.5	6.2	6.6	7.7	9.7	12	76	70	12	5.6	4.9
AC-FT	420	463	563	528	485	895	2970	16800	8000	1770	524	325

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	5.31	6.08	6.05	6.38	7.32	15.9	47.2	152	111	19.0	6.02	4.80
MAX	8.33	9.66	9.16	8.59	8.73	32.6	64.8	273	189	55.4	9.15	6.86
(WY)	1999	1999	2005	2005	2005	2004	2004	2005	1998	1998	1998	1998
MIN	3.66	3.88	4.63	5.22	5.42	9.46	27.5	105	28.5	6.96	3.02	3.06
(WY)	2002	2004	2004	2001	2002	2002	2001	2000	2001	2000	2000	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	12217.9		17014.1			
ANNUAL MEAN	33.4		46.6		31.2	
HIGHEST ANNUAL MEAN					46.6	2005
LOWEST ANNUAL MEAN					19.4	2001
HIGHEST DAILY MEAN	244	May 5	600	May 16	600	May 16 2005
LOWEST DAILY MEAN	4.0	Sep 11	4.9	Sep 9	2.5	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	4.2	Sep 9	5.3	Sep 22	2.6	Aug 23 2000
ANNUAL RUNOFF (AC-FT)	24230		33750		22590	
10 PERCENT EXCEEDS	98		140		84	
50 PERCENT EXCEEDS	8.5		9.8		7.3	
90 PERCENT EXCEEDS	5.2		5.8		4.2	

e Estimated

13168500 BRUNEAU RIVER NEAR HOT SPRING, ID

LOCATION.--Lat 42°46'16", long 115°43'13", (NAD83), in NE¼NE¼SE¼ sec.34, T.7 S., R.6 E., Owyhee County, Hot Springs quad., Hydrologic Unit 17050102, on right bank, 1 mi downstream from Hot Creek, 1.5 mi south of Hot Spring, 9 mi southeast of Bruneau, 16 mi downstream from East Fork, and at mile 22.0.

DRAINAGE AREA.--2,630 mi^2, approximately. Mean elevation, 5,600 ft.

PERIOD OF RECORD.--July 1909 to March 1915, October 1943 to current year.

REVISED RECORDS.--WSP 1063: 1913. WSP 1517: 1910(M). WSP 1567: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 2,598.5 ft above NGVD of 1929. Prior to Mar. 12, 1910, nonrecording gage at site 0.2 mi upstream at different datum. Mar. 12, 1910 to Mar. 15, 1915, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good except for daily discharges, Apr. 5 to June 26, which are fair. Station equipment includes satellite telemetry. Several small reservoirs on tributaries above station. Diversions above station for irrigation of about 12,900 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,860 ft^3/s May 15, 1984, gage height, 13.03 ft; minimum, 6.9 ft^3/s Oct. 31, Nov. 2, 2002, Nov. 1, 2003, result of freezeup.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 920 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 25	2315	2,360	8.08	May 13	0445	2,900	8.72
Apr. 29	1230	2,290	7.99	May 17	1745	*5,620	*11.63
May 10	1515	2,980	8.82	June 18	0415	1,130	6.59

Minimum, 26 ft^3/s Nov. 30, gage height 3.42 ft.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	86	63	101	132	129	242	1440	2210	520	130	54
2	52	86	86	84	124	133	250	1250	2120	495	118	57
3	52	79	97	78	114	129	276	1180	1860	480	123	57
4	52	87	60	92	108	132	355	1220	1610	456	115	56
5	52	88	41	95	121	131	341	1200	1430	419	108	54
6	52	86	77	90	120	126	310	1370	1390	391	102	53
7	53	86	94	83	120	129	302	1600	1330	372	97	52
8	52	85	102	94	113	140	431	1590	1260	353	93	52
9	51	86	110	85	99	167	521	1580	1160	337	91	52
10	50	87	184	96	79	221	476	2350	1040	324	91	52
11	49	94	395	100	93	291	405	2000	913	307	89	54
12	50	100	323	99	107	353	369	2310	889	288	84	55
13	51	118	238	77	129	381	355	2680	893	266	81	62
14	52	118	201	44	123	413	385	2110	815	248	78	62
15	52	118	179	58	117	354	396	1910	822	236	77	61
16	52	110	158	98	94	308	379	1980	941	224	76	60
17	52	103	135	118	68	264	367	4240	1040	206	75	58
18	54	100	106	110	63	231	428	4360	1080	192	76	57
19	57	97	104	105	104	208	499	3360	939	180	82	57
20	63	93	100	105	137	199	530	3300	798	170	83	59
21	62	89	119	106	129	210	528	3450	798	162	79	59
22	66	75	93	109	118	213	548	3340	881	154	76	56
23	71	59	71	110	120	228	722	3140	917	148	72	56
24	71	77	56	112	124	267	828	3040	864	149	70	58
25	69	100	79	115	124	303	1370	2790	805	137	68	57
26	74	98	104	125	125	284	2080	2510	732	129	65	57
27	72	95	107	140	128	252	1490	2330	677	124	65	60
28	78	92	119	145	129	242	1410	2240	623	119	62	61
29	81	64	111	151	---	276	2070	2210	584	116	59	62
30	87	36	110	147	---	339	1730	2430	550	111	55	63
31	87	---	107	139	---	275	---	2480	---	125	54	---
TOTAL	1867	2692	3929	3211	3162	7328	20393	72990	31971	7938	2594	1713
MEAN	60.2	89.7	127	104	113	236	680	2355	1066	256	83.7	57.1
MAX	87	118	395	151	137	413	2080	4360	2210	520	130	63
MIN	49	36	41	44	63	126	242	1180	550	111	54	52
AC-FT	3700	5340	7790	6370	6270	14540	40450	144800	63410	15750	5150	3400

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 2005, BY WATER YEAR (WY)

MEAN	96.6	119	125	159	209	392	773	1252	970	279	97.0	78.4
MAX	185	248	425	724	905	1901	1882	4102	3122	1044	334	170
(WY)	1985	1910	1965	1971	1986	1910	1952	1984	1984	1984	1984	1984
MIN	42.8	62.0	58.7	80.2	98.2	119	196	277	97.8	55.3	31.5	34.8
(WY)	2002	2004	1991	1991	1994	1955	1968	1992	1992	1992	2001	1981

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1909 - 2005	
ANNUAL TOTAL	90078		159788			
ANNUAL MEAN	246		438		379	
HIGHEST ANNUAL MEAN					1012	1984
LOWEST ANNUAL MEAN					113	1992
HIGHEST DAILY MEAN	979	Feb 18	4360	May 18	6470	May 15 1984
LOWEST DAILY MEAN	35	Jan 5	36	Nov 30	21	Dec 21 1998
ANNUAL SEVEN-DAY MINIMUM	41	Sep 11	51	Oct 8	28	Aug 26 2001
ANNUAL RUNOFF (AC-FT)	178700		316900		274600	
10 PERCENT EXCEEDS	676		1400		1100	
50 PERCENT EXCEEDS	104		119		144	
90 PERCENT EXCEEDS	49		57		65	

SNAKE RIVER MAIN STEM

13171500 C. J. STRIKE RESERVOIR NEAR GRAND VIEW, ID

LOCATION.--Lat 42°56'37", long 115°58'30"(revised), (NAD83), in SW¼NW¼SW¼ sec.34, T.5 S., R.4 E., Owyhee County, C.J. Strike Dam quad., Hydrologic Unit 17050103, on left bank near the dam on Snake River, 7 mi southeast of Grand View, at mile 494.0.

DRAINAGE AREA.--40,800 mi^2, approximately.

PERIOD OF RECORD.--March 1952 to September 1967 (month-end contents only), July 1986 to current year.

REVISED RECORDS.--WDR ID-87-1: 1986 (M, m).

GAGE.--Water-stage recorder. Datum of gage is set to NGVD of 1929.

REMARKS.--Station includes satellite telemetry. Reservoir is formed by earthfill, rock-faced dam. Storage began in February 1952. Total capacity, 250,000 acre-ft at elevation 2,455 ft (top of spillway gates), of which about 50,000 acre-ft is controlled storage. Water is used for power generation by Idaho Power Co. Figures given herein represent total contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 253,700 acre-ft Mar. 31, 1956, elevation, 2,455.49 ft; minimum since first filling, 215,600 acre-ft Mar. 3-10, 1991, elevation, 2,450.14 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 251,200 acre-ft Mar. 24, elevation, 2,455.16 ft; minimum, 246,100 acre-ft Apr. 7, May 28, elevation, 2,454.48 ft.

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

2,554.0	242,600
2,555.0	250,000
2,556.0	257,600

Reservoir storage, acre feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	248700	248700	248700	247900	248600	249100	247500	247900	248800	248100	248600	248400
2	248900	248000	248700	248500	248600	249500	248200	247300	248700	247900	247700	248400
3	248900	248200	248600	248600	248700	249300	248000	247900	248600	248300	248200	248700
4	249100	249200	248400	249000	248000	249900	248100	247900	248200	248300	248400	248900
5	249400	249400	248300	248400	248400	249500	248400	248300	247400	248600	248200	249000
6	249000	248600	249500	248900	248700	249100	248500	247900	248900	248200	248100	248900
7	249100	249000	248600	247800	247900	249400	247900	248400	248400	248000	247900	248900
8	249100	249100	249000	248300	248600	249200	247900	248300	247600	248300	247900	248700
9	248400	248900	249000	248400	248400	249000	247700	248700	247900	248600	247900	249000
10	249000	249000	248700	248500	248300	249600	248400	248400	248100	248400	247500	248200
11	248700	248800	248700	247900	248300	250100	248100	248500	248200	248500	247600	249000
12	248600	248500	249600	248200	248600	248500	247900	249000	248500	247700	247500	248900
13	248300	248900	249100	248800	248800	249100	247700	248400	248900	247900	247700	249000
14	248700	248500	248700	249100	249000	249600	248000	247600	248700	248200	248000	248800
15	248800	248600	248400	248700	248200	249500	248200	249100	248900	248200	248900	248300
16	248700	249000	248500	249100	247900	249000	248100	248400	248000	247600	249300	249000
17	249100	249100	249300	248400	248600	249300	247900	248500	248400	248400	249200	248500
18	248200	248300	248500	249400	249200	249600	248200	247600	248400	248400	249000	249100
19	249100	248900	248700	249400	249800	248900	248200	247500	248100	248500	248400	248700
20	248800	249500	248300	249100	249600	249400	248800	247600	248400	248200	248800	248400
21	248500	249200	248900	248900	249600	249000	249400	247100	247900	247900	248400	249100
22	248600	249900	248700	249400	249600	248700	247900	248100	248200	247800	248300	248600
23	249200	249400	249000	249100	249400	249700	248200	248700	249100	248200	247700	248000
24	249600	249200	248900	249600	249200	249400	249100	248200	248000	248400	248400	248400
25	248700	249100	247800	248400	249900	247900	249100	248600	248400	248400	248100	248700
26	247800	249200	247900	248700	249600	247600	248800	247500	248500	248700	247700	249200
27	248500	248400	248000	249000	249100	247800	248000	246900	248700	248700	247200	248400
28	248900	249000	248800	248600	249500	248500	247600	246900	248600	248500	246600	248200
29	248700	248700	249000	249200	---	248700	248300	248200	247800	248200	247100	249000
30	248200	248200	248300	249100	---	248700	248600	247800	248000	248200	249200	249100
31	249000	---	248100	248300	---	247600	---	247400	---	248200	248700	---
MAX	249600	249900	249600	249600	249900	250100	249400	249100	249100	248700	249300	249200
MIN	247800	248000	247800	247800	247900	247600	247500	246900	247400	247600	246600	248000
†	2454.86	2454.75	2454.74	2454.77	2454.93	2454.67	2454.81	2454.65	2454.73	2454.76	2454.83	2454.87
‡	300	-800	-100	200	1200	-1900	1000	-1200	600	200	500	400

CAL YR 2004 MAX 250000 MIN 246600 ‡ -400
WTR YR 2005 MAX 250100 MIN 246600 ‡ 400

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

SNAKE RIVER MAIN STEM

13171620 SNAKE RIVER BELOW C.J. STRIKE DAM NEAR GRAND VIEW, ID

LOCATION.--Lat 42°56'50", long 115°58'49", (NAD27), in SW¼SE¼NE¼ sec.33, T.5 S., R.4 E., Owyhee County, C.J. Strike Dam quad., 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 mi^2, approximately.

PERIOD OF RECORD.--April 1985 to current year.

REVISED RECORDS.--WDR ID-02-2: 2001 (M).

GAGE.--Water-stage recorder. Elevation of gage is 2,350 ft above NGVD of 1929, from topographic map.

REMARKS.--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 ft^3/s June 20, 21, 1997, gage height, 14.88 ft; minimum, 2,000 ft^3/s Mar. 4, 1988, gage height, 3.28 ft; minimum daily, 3,880 ft^3/s June 12, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 13,600 ft^3/s May 18; minimum daily, 4,600 ft^3/s Aug. 30.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6620	6540	6910	6840	6860	6780	6360	7350	7830	6840	6290	5620
2	6150	7070	6860	6630	6850	6380	5840	7030	7970	6700	6430	5530
3	6320	6410	7170	6660	6810	6880	6250	6410	7890	6710	5990	5460
4	6150	6370	7210	6840	6590	6630	6100	6450	7710	6670	6050	5540
5	6120	6460	6920	6960	6750	6720	6020	6590	7440	6630	6090	5800
6	6290	6750	6600	6860	6740	6650	6110	6900	6290	6520	6020	5920
7	6300	6630	7060	7180	6890	6810	5970	6940	7230	6710	5990	5710
8	5930	6700	6920	6600	6480	6890	5880	7100	6950	6260	5640	5830
9	6110	6620	7450	6820	6800	6730	5910	7510	6530	5790	5770	5770
10	6010	6620	7290	6780	6810	6620	5850	8240	6220	6380	5710	6150
11	6380	6860	7220	6840	6730	6870	6040	9260	5920	6490	5290	5640
12	6260	7230	7300	6800	6630	7070	5540	8240	5460	6630	5310	6200
13	6250	6590	7240	6560	6710	7130	5710	9810	5570	5900	5330	6320
14	6120	6990	7430	6710	6720	6590	5410	9550	5510	6070	5240	6460
15	6130	6740	7090	6810	7030	6900	5360	7770	5650	6040	4960	6130
16	6280	6610	7010	6750	6990	6860	5380	8840	5540	5890	5360	5610
17	6400	6850	7200	7210	6320	6470	5320	10700	5650	6010	5470	6210
18	7140	6990	7100	6410	6260	6540	5320	13600	5680	5860	5840	5950
19	6520	6660	7090	6950	6470	6700	5520	11800	5850	6020	6150	6450
20	6720	6720	6980	7050	6680	6440	5880	11500	5820	6000	5580	6660
21	6760	7110	6720	6670	6840	6660	6270	11200	5840	5950	6160	5860
22	6700	6890	7040	6900	6720	6490	7380	9520	5300	5640	5820	6300
23	6680	6710	6760	6860	6740	6040	6900	9590	5320	5690	5800	6420
24	6770	6970	7070	6960	6720	7520	6070	9720	6850	5900	5740	6230
25	7480	7100	7150	7250	6470	7080	7090	8880	6700	5880	5740	6100
26	7330	6970	6750	6860	6970	6870	7830	9130	6540	6060	5820	6100
27	6880	7190	6830	6810	6930	6190	7880	8510	6900	6300	5780	6570
28	6650	6770	6550	7040	6520	6090	7040	7590	7120	6190	5680	6140
29	6910	7250	6940	6820	---	6010	7060	7290	7430	6210	4660	6230
30	6800	7120	7170	7130	---	6350	7310	8140	7500	6250	4600	6230
31	6550	---	7140	7260	---	7050	---	7940	---	6430	5580	---
TOTAL	201710	204490	218170	212820	188030	207010	186600	269100	194210	192620	175890	181140
MEAN	6507	6816	7038	6865	6715	6678	6220	8681	6474	6214	5674	6038
MAX	7480	7250	7450	7260	7030	7520	7880	13600	7970	6840	6430	6660
MIN	5930	6370	6550	6410	6260	6010	5320	6410	5300	5640	4600	5460
AC-FT	400100	405600	432700	422100	373000	410600	370100	533800	385200	382100	348900	359300

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	9350	9525	9786	10220	10550	11520	11380	10720	10690	6595	6834	8133
MAX	18320	16300	18090	18390	27560	29390	26950	25470	34180	10510	10450	14800
(WY)	1987	1987	1987	1997	1997	1997	1986	1986	1997	1997	1997	1997
MIN	6235	6816	4910	6734	6715	6555	6049	5090	4580	4411	4906	5637
(WY)	2004	2005	1990	2002	2005	2003	1992	1992	1992	2004	2004	2002

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	2268390		2431790			
ANNUAL MEAN	6198		6662		9548	
HIGHEST ANNUAL MEAN					18090	1997
LOWEST ANNUAL MEAN					6166	2004
HIGHEST DAILY MEAN	9310	Feb 20	13600	May 18	44000	Jun 16 1997
LOWEST DAILY MEAN	4160	Jun 30	4600	Aug 30	3880	Jun 12 1992
ANNUAL SEVEN-DAY MINIMUM	4280	Jun 26	5280	Aug 11	4040	Jul 4 2002
ANNUAL RUNOFF (AC-FT)	4499000		4823000		6917000	
10 PERCENT EXCEEDS	7250		7360		16400	
50 PERCENT EXCEEDS	6400		6630		7770	
90 PERCENT EXCEEDS	4450		5690		5720	

SNAKE RIVER MAIN STEM

13172500 SNAKE RIVER NEAR MURPHY, ID

LOCATION.--Lat 43°17'31", long 116°25'12", (NAD27), in NW¼NE¼SE¼ sec.35, T.1 S., R.1 W., Ada County, Initial Point quad., Hydrologic Unit 17050103, on right bank, 4.2 mi downstream from Swan Falls powerplant, 7.5 mi northeast of Murphy, and at mile 453.5.

DRAINAGE AREA.--41,900 mi^2, approximately.

PERIOD OF RECORD.--August to October 1912, August 1913 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is 2,271.17 ft above NGVD of 1929. Prior to Sept. 7, 1914, nonrecording 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.--Station equipment includes satellite telemetry. Major 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).

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

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,100 ft^3/s May 18, gage height, 6.25 ft; minimum daily, 4,510 ft^3/s Aug. 30.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6670	6930	7110	7070	7210	6420	6560	7340	8170	7700	5870	5420
2	6810	7330	6730	6520	6720	6870	6270	7020	8370	6720	6030	5480
3	6150	6600	6640	6680	6870	6520	6030	6770	8190	6630	6080	5490
4	6440	6770	7180	6590	6480	6760	6010	6070	8300	6630	5790	5630
5	6300	6720	7060	7070	6390	6600	6090	6520	7650	6570	5700	5750
6	6670	6820	6640	6700	6820	6790	5990	6830	7500	6890	5690	5840
7	6350	7150	6660	7030	6550	7290	5930	7140	6880	6260	5680	5940
8	6780	6410	7450	6940	6740	6420	5960	7240	7370	6410	5880	5840
9	6360	7070	7290	6370	6370	6790	5600	7320	7050	6040	5500	5810
10	6100	7060	7260	6940	6860	6670	5850	8000	6640	6020	5250	6030
11	6910	6720	7430	6810	6740	7030	5800	8730	6410	6550	5300	6180
12	6730	7130	7040	6800	6490	7010	5840	8600	5920	6630	5130	6020
13	6520	7380	7260	6980	6620	7150	5430	8960	5740	6470	5160	6320
14	6490	6710	7330	6210	6840	6930	5680	9180	5690	5610	5170	6630
15	6530	6950	6790	7000	6510	6640	5370	8300	5980	6300	4830	6400
16	6510	6820	7140	6550	7170	7100	5250	8470	5920	5940	5150	6120
17	6590	6730	7060	7010	6780	6810	5450	9780	5970	5930	5420	6170
18	6990	7100	7030	7000	6130	6510	5370	13600	6090	6270	5230	6570
19	7160	6710	7100	6690	6100	6670	5230	13000	6080	5910	5730	6590
20	6740	6630	6630	6870	6700	6840	5760	11600	5950	6070	5590	6770
21	7340	6850	6880	6740	6550	6630	6370	11900	6250	6130	5680	6530
22	7040	7170	6980	6700	6900	6600	6600	10700	6250	5850	5730	6410
23	6970	6810	6830	7030	6960	6660	7070	9960	5350	5810	5410	6750
24	7480	6680	6620	6860	6560	6660	6490	10100	6470	5750	5360	6620
25	7180	7170	6980	7000	6850	7780	6480	9660	6570	6090	5470	6470
26	7830	6990	6960	7050	6400	6660	7620	8890	6930	5840	5560	6360
27	7380	6980	6520	6700	6980	6810	7630	9260	6890	6230	5720	6540
28	7400	7050	6830	7130	6890	6320	7170	8000	7250	6360	5370	6750
29	6910	6790	6620	6850	---	5910	6980	7350	7240	6080	5000	6870
30	7030	7110	7100	6680	---	6140	7060	9050	7460	6020	4510	6480
31	7000	---	7090	7120	---	6790	---	7740	---	6300	5020	---
TOTAL	211360	207340	216240	211690	187180	208780	184940	273080	202530	194010	169010	186780
MEAN	6818	6911	6975	6829	6685	6735	6165	8809	6751	6258	5452	6226
MAX	7830	7380	7450	7130	7210	7780	7630	13600	8370	7700	6080	6870
MIN	6100	6410	6520	6210	6100	5910	5230	6070	5350	5610	4510	5420
AC-FT	419200	411300	428900	419900	371300	414100	366800	541700	401700	384800	335200	370500

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2005, BY WATER YEAR (WY)

MEAN	10400	11170	11300	11490	11730	12110	13220	12780	12740	7905	7354	8421
MAX	18500	21370	21020	23250	26540	28350	28950	31250	31980	21230	10480	14870
(WY)	1972	1985	1984	1984	1997	1997	1971	1984	1997	1917	1997	1997
MIN	6747	6878	6884	6656	6685	6701	5987	5285	4971	4447	5085	6029
(WY)	2004	2004	2004	2004	2005	2003	2003	1992	1992	2003	2004	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1914 - 2005	
ANNUAL TOTAL	2305790		2452940			
ANNUAL MEAN	6300		6720		10870	
HIGHEST ANNUAL MEAN					19180	1984
LOWEST ANNUAL MEAN					6220	2003
HIGHEST DAILY MEAN	9220	Feb 20	13600	May 18	46100	Jun 22 1918
LOWEST DAILY MEAN	4460	Jul 19	4510	Aug 30	4160	Jul 12 2003
ANNUAL SEVEN-DAY MINIMUM	4580	Jun 26	5140	Aug 10	4240	Jul 9 2003
ANNUAL RUNOFF (AC-FT)	4574000		4865000		7877000	
10 PERCENT EXCEEDS	7330		7410		17300	
50 PERCENT EXCEEDS	6520		6670		9160	
90 PERCENT EXCEEDS	4760		5690		6740	

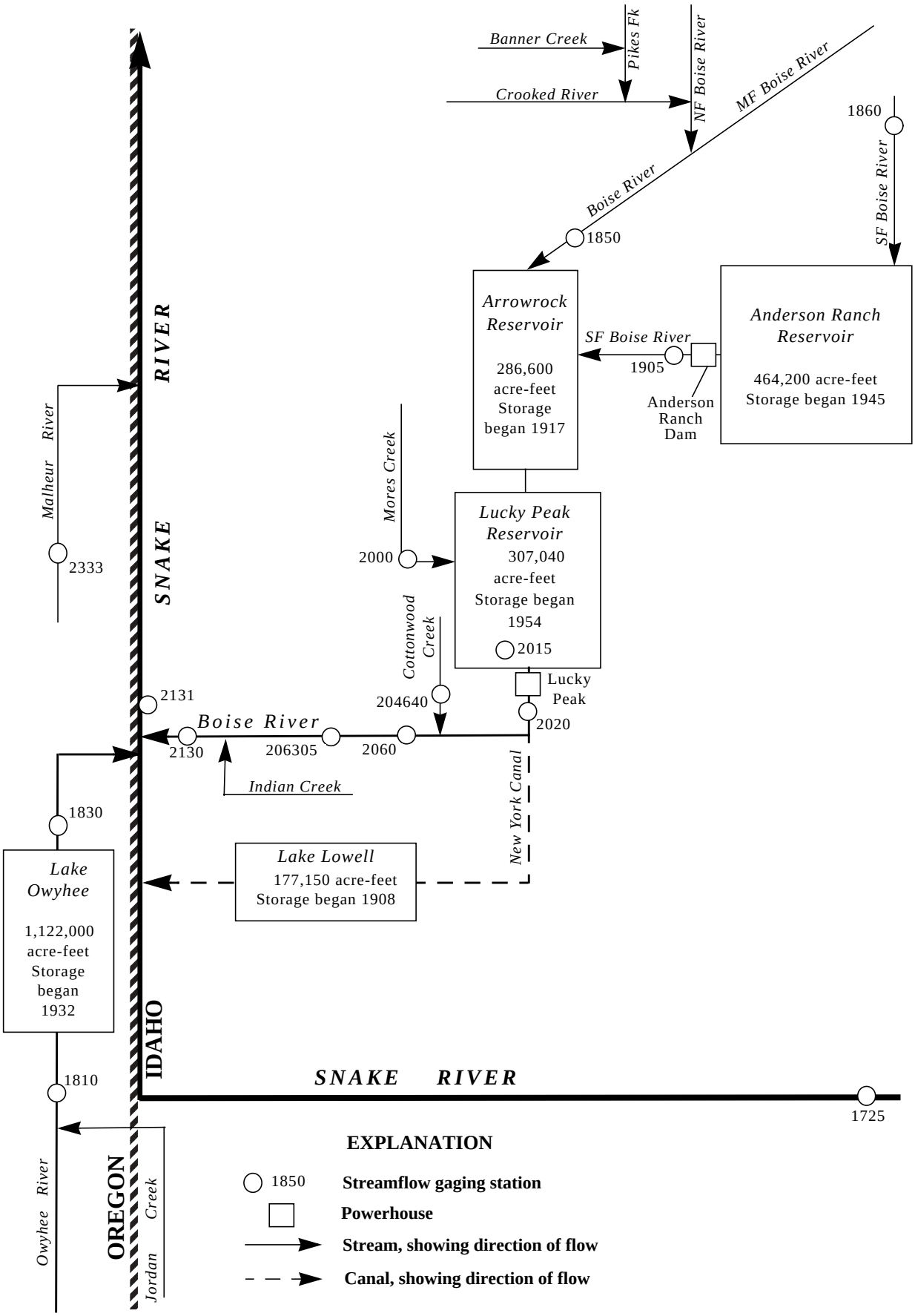

Figure 24. Schematic diagram showing gaging stations in Boise, Owyhee, Malheur and middle Snake River basins.

13181000 OWYHEE RIVER NEAR ROME, OR

LOCATION.--Lat 42°51'59", long 117°38'57", (NAD83), in SE¼NE¼ sec.14, T.31 S., R.41 E., Malheur County, Oregon, Rome quad., Hydrologic Unit 17050107, on right bank 0.5 mi downstream from Jordan Creek, 2.6 mi north of Rome, and at mile 122.4.

DRAINAGE AREA.--8,000 mi^2, approximately.

PERIOD OF RECORD.--October 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3,344.20 ft above NGVD of 1929. Prior to Feb. 10, 1960, at datum 0.24 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Flow regulated by Antelope Reservoir, capacity, 70,000 acre-ft, increased in 1970, and Wild Horse Reservoir, capacity, 32,690 acre-ft, and numerous small reservoirs. Diversions upstream from station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 55,700 ft^3/s Mar. 18, 1993, gage height, 20.11 ft; minimum, 42 ft^3/s Aug. 12, 1954, July 28, Aug. 5, 1961, July 31, 1968.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,400 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 26	0815	10,200	9.12	May 10	2015	11,500	9.72
Apr. 29	1630	7,780	7.88	May 17	1645	*14,900	*11.18

Minimum daily, 101 ft^3/s Aug. 15.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	113	189	141	215	404	607	794	4890	2660	426	165	154
2	111	186	161	193	367	556	789	3970	2450	421	166	153
3	111	189	164	196	321	546	1040	3540	2320	413	164	153
4	106	188	162	183	289	519	1160	3200	2060	435	156	133
5	105	217	157	245	270	494	878	2950	1850	401	152	120
6	106	235	156	206	251	518	789	3610	1710	371	152	119
7	111	212	155	187	233	491	750	6680	1570	335	148	118
8	116	198	156	190	242	493	720	6920	1450	315	145	121
9	112	197	186	199	233	555	740	6370	1410	295	140	128
10	111	194	1830	197	226	583	823	8920	1410	286	132	133
11	110	194	3720	189	216	618	884	9740	1390	280	123	137
12	110	189	2570	185	201	589	887	7570	1280	269	120	132
13	111	193	1410	163	206	554	810	9600	1160	252	117	129
14	113	199	1030	150	198	557	747	7810	1090	239	112	130
15	115	193	828	147	202	554	698	5830	1050	228	101	137
16	115	190	648	146	203	534	668	5000	975	223	104	140
17	119	190	522	182	212	463	648	10800	908	212	111	147
18	125	190	434	185	213	409	632	12100	885	202	111	152
19	128	185	356	190	226	381	598	9780	853	195	104	154
20	131	180	306	192	240	363	584	8810	824	193	118	157
21	135	e180	273	194	230	349	664	7620	795	194	126	151
22	136	e170	263	194	256	343	676	6420	736	187	128	150
23	148	e150	260	194	499	384	707	5540	676	179	125	158
24	151	e160	223	193	997	443	1130	4830	609	177	125	165
25	157	e160	210	193	945	1680	1800	4180	559	175	139	161
26	161	e160	199	201	822	1320	7970	3710	528	169	137	159
27	164	e160	202	206	761	1010	5700	3340	493	168	155	149
28	185	e170	229	228	674	794	3910	3070	482	168	161	138
29	207	e140	230	255	---	720	6200	2850	452	166	165	131
30	213	e120	226	288	---	878	6780	2710	448	164	155	129
31	200	---	221	397	---	839	---	2620	---	160	156	---
TOTAL	4136	5478	17628	6283	10137	19144	51176	184980	35083	7898	4213	4238
MEAN	133	183	569	203	362	618	1706	5967	1169	255	136	141
MAX	213	235	3720	397	997	1680	7970	12100	2660	435	166	165
MIN	105	120	141	146	198	343	584	2620	448	160	101	118
AC-FT	8200	10870	34970	12460	20110	37970	101500	366900	69590	15670	8360	8410

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2005, BY WATER YEAR (WY)

MEAN	160	210	375	650	1183	2451	2787	1993	862	250	149	136
MAX	442	593	2898	4461	8820	9404	16960	10470	4870	1035	452	361
(WY)	1976	1971	1965	1971	1986	1972	1952	1984	1984	1984	1984	1984
MIN	85.3	107	104	114	129	233	144	86.5	89.6	61.2	56.0	62.5
(WY)	1955	1955	1955	1955	1955	1977	1992	1992	1992	1968	1992	1955

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1950 - 2005	
ANNUAL TOTAL	263995		350394			
ANNUAL MEAN	721		960		931	
HIGHEST ANNUAL MEAN					3400	1984
LOWEST ANNUAL MEAN					162	1992
HIGHEST DAILY MEAN	12700	Mar 20	12100	May 18	46900	Mar 18 1993
LOWEST DAILY MEAN	84	Aug 9	101	Aug 15	44	Aug 1 1968
ANNUAL SEVEN-DAY MINIMUM	87	Aug 3	109	Aug 13	47	Jul 26 1968
ANNUAL RUNOFF (AC-FT)	523600		695000		674700	
10 PERCENT EXCEEDS	1830		2680		2470	
50 PERCENT EXCEEDS	200		221		230	
90 PERCENT EXCEEDS	111		127		107	

e Estimated

13183000 OWYHEE RIVER BELOW OWYHEE DAM, OR

LOCATION.--Lat 43°39'16", long 117°15'21", (NAD83), in SE¼ sec.18, T.22 S., R.45 E., Malheur County, Oregon, Grassy Mountain quad., Hydrologic Unit 17050110, on left bank 0.8 mi downstream from Owyhee Dam, 20 mi southwest of Nyssa, and at mile 27.3.

DRAINAGE AREA.--11,160 mi^2, approximately.

PERIOD OF RECORD.--February 1929 to current year.

REVISED RECORDS.--WSP 983: 1941-42. WSP 1397: 1930, 1933, 1946.

GAGE.--Water-stage recorder. Datum of gage is 2,343.67 ft above NGVD of 1929 (levels by Bureau of Reclamation).

REMARKS.--No estimated daily discharges. Records good except for discharges Oct. 2 to May 17, which are fair. Station equipment includes satellite telemetry. Flow regulated since October 1932 by Lake Owyhee (sta 13182500), and by many smaller reservoirs. Diversion of up to 457,000 acre-ft from Lake Owyhee during the year for irrigation of lands downstream from station and outside the basin. Many smaller diversions upstream from Lake Owyhee for irrigation upstream from station. Computation of monthly and annual adjusted flows discontinued in 1991.

AVERAGE DISCHARGE.--73 years (water years 1933-2005), 399 ft^3/s, 289,300 acre-ft/yr, not adjusted for storage or diversion.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,900 ft^3/s Apr. 15, 1952, gage height, 15.70 ft; no flow for part of Aug. 8, 9, 1932, when temporary diversion tunnel at Owyhee Dam was closed.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 233 ft^3/s Apr. 17; minimum daily, 3.5 ft^3/s Oct. 16.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	186	8.1	8.7	9.4	9.7	9.7	10	155	203	216	208	201
2	187	8.1	8.7	9.4	9.7	9.9	10	156	204	216	208	201
3	187	8.3	8.7	9.4	9.7	9.7	11	155	204	217	208	201
4	180	8.1	8.7	9.4	9.9	9.9	11	156	204	218	208	201
5	166	8.1	8.7	9.4	10	10	10	156	204	217	207	201
6	158	8.1	8.7	9.4	9.8	9.9	10	157	205	216	208	201
7	161	8.1	8.7	9.4	9.9	9.9	11	155	217	215	207	201
8	160	8.3	8.7	9.4	10	10	11	156	225	215	199	202
9	160	8.4	8.7	9.4	10	10	11	157	225	213	206	204
10	160	8.4	9.0	9.3	10	10	11	158	225	213	206	204
11	160	8.4	9.0	9.2	10	10	11	158	225	216	206	202
12	160	8.4	9.0	9.1	10	10	11	160	225	218	206	201
13	160	8.4	9.0	9.3	10	10	10	160	225	218	206	202
14	161	8.4	9.0	9.1	10	10	10	160	225	218	206	202
15	82	8.4	9.0	9.1	9.9	10	11	160	225	218	206	203
16	3.5	8.4	9.0	9.2	10	9.8	138	162	225	218	205	204
17	4.8	8.4	9.2	9.0	10	9.7	233	162	225	218	204	204
18	5.4	8.4	9.4	8.9	9.9	10	190	162	225	217	204	204
19	7.8	8.4	9.3	9.1	9.9	10	159	163	222	215	204	203
20	8.1	8.4	9.4	9.2	9.7	10	158	165	220	214	204	204
21	8.1	8.4	9.4	9.0	9.7	10	157	179	220	213	204	204
22	8.1	8.4	9.4	8.7	9.7	10	157	184	220	213	204	204
23	8.1	8.4	9.4	8.7	9.7	10	156	180	220	213	204	204
24	8.1	8.4	9.4	8.6	9.7	10	156	170	220	211	203	204
25	8.1	8.4	9.4	9.2	9.9	10	155	173	220	211	202	204
26	8.1	8.4	9.4	9.7	10	10	154	175	220	211	201	204
27	8.1	8.6	9.4	9.7	9.8	10	154	171	220	211	201	204
28	8.1	8.7	9.4	9.7	9.7	10	154	174	220	210	201	204
29	8.1	8.7	9.4	9.7	---	10	155	187	217	208	201	204
30	8.1	8.7	9.4	9.7	---	10	155	199	216	208	201	204
31	8.1	---	9.4	9.7	---	10	---	199	---	208	201	---
TOTAL	2546.7	251.1	282.0	287.5	276.3	308.5	2590	5164	6551	6643	6339	6086
MEAN	82.2	8.37	9.10	9.27	9.87	9.95	86.3	167	218	214	204	203
MAX	187	8.7	9.4	9.7	10	10	233	199	225	218	208	204
MIN	3.5	8.1	8.7	8.6	9.7	9.7	10	155	203	208	199	201
AC-FT	5050	498	559	570	548	612	5140	10240	12990	13180	12570	12070

CAL YR 2004 TOTAL 40251.6 MEAN 110 MAX 223 MIN 3.5 AC-FT 79840
WTR YR 2005 TOTAL 37325.1 MEAN 102 MAX 233 MIN 3.5 AC-FT 74030

BOISE RIVER BASIN

13185000 BOISE RIVER NEAR TWIN SPRINGS, ID

LOCATION.--Lat 43°39'34", long 115°43'38", (NAD83), in NW¼NE¼ sec.27, T.4 N., R.6 E., Boise County, Twin Springs quad., Hydrologic Unit 17050112, Boise National Forest, on right bank 0.7 mi upstream from Birch Creek, 1.8 mi upstream from maximum flow line of Arrowrock Reservoir, 3.2 mi downstream from Twin Springs, 13 mi upstream from Arrowrock Dam, and at mile 88.5.

DRAINAGE AREA.--830 mi^2, approximately. Mean elevation, 6,350 ft.

PERIOD OF RECORD.--March 1911 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3,255.70 ft above NGVD of 1929. March 1911 to Apr. 3, 1915, nonrecording gage, and Apr. 4, 1915 to Sept. 30, 1965, water-stage recorder at site 0.3 mi downstream at datum 5.26 ft lower.

REMARKS.--Records good except for April 7 to June 6 and estimated daily discharges, which are fair. Station equipment includes satellite telemetry.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,800 ft^3/s Dec. 23, 1964, gage height, 12.20 ft, from floodmark (site and datum then in use); minimum, 105 ft^3/s Nov. 28, 1976, gage height, 2.64 ft; minimum gage height, 1.48 ft, Dec. 6, 7, 1960 (site and datum then in use).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 19	1845	*6,830*8.88	June 1	10303,960	7.38		

Minimum, 177 ft^3/s Nov. 30, gage height, 2.32 ft.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	393	418	e260	373	407	450	817	1790	3500	1160	423	308
2	388	431	e240	341	391	446	818	1710	2930	1110	417	303
3	383	464	e280	314	406	450	894	1720	2500	1050	402	300
4	379	464	315	e260	410	450	934	1780	2270	998	393	293
5	376	447	292	e240	428	454	883	1800	2240	943	383	295
6	372	444	373	e320	374	481	859	2300	2220	900	375	297
7	372	436	409	e360	413	503	1120	2580	2030	865	371	294
8	368	432	427	e380	367	545	1400	2560	1900	834	368	292
9	366	443	437	382	338	600	1300	2690	1760	808	368	290
10	366	441	469	342	353	666	1170	2710	1640	828	364	304
11	369	450	520	322	341	713	1150	2470	1590	798	351	320
12	366	454	484	308	428	749	1130	2270	1640	734	348	318
13	361	441	475	e340	419	738	1220	2130	1530	691	346	319
14	362	428	465	e290	396	652	1210	2080	1530	659	347	315
15	362	416	454	e240	300	627	1110	2290	1650	635	344	311
16	361	412	417	e320	260	592	1100	3350	1810	600	338	307
17	364	408	388	e400	301	567	1260	4420	1930	574	341	327
18	467	395	395	402	363	519	1320	3920	1780	560	339	343
19	447	389	365	425	447	529	1250	5690	1590	538	335	327
20	439	353	395	417	418	597	1220	6140	1520	517	330	317
21	424	307	350	409	398	609	1280	5020	1620	497	323	310
22	405	325	314	411	379	576	1270	4290	1700	487	323	309
23	426	401	305	413	372	608	1410	4220	1650	474	321	307
24	452	395	268	413	380	649	1600	3820	1530	458	317	324
25	411	412	365	429	396	596	1630	3530	1440	448	317	343
26	403	406	402	452	412	535	1970	3260	1400	441	315	328
27	414	364	413	453	428	594	2220	3280	1380	435	311	320
28	455	326	371	452	451	921	2310	3450	1480	426	306	313
29	520	222	413	463	---	1050	2170	3650	1370	423	303	311
30	481	215	414	446	---	921	1960	3280	1240	422	301	310
31	470	---	386	422	---	786	---	3040	---	445	307	---
TOTAL	12522	11939	11861	11539	10776	19173	39985	97240	54370	20758	10727	9355
MEAN	404	398	383	372	385	618	1333	3137	1812	670	346	312
MAX	520	464	520	463	451	1050	2310	6140	3500	1160	423	343
MIN	361	215	240	240	260	446	817	1710	1240	422	301	290
AC-FT	24840	23680	23530	22890	21370	38030	79310	192900	107800	41170	21280	18560
CFSM	0.49	0.48	0.46	0.45	0.46	0.75	1.61	3.78	2.18	0.81	0.42	0.38
IN.	0.56	0.54	0.53	0.52	0.48	0.86	1.79	4.36	2.44	0.93	0.48	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2005, BY WATER YEAR (WY)

MEAN	387	438	473	460	520	861	2130	3711	3274	1184	463	369
MAX	699	1099	1748	2076	1474	2627	5658	6737	6804	2975	892	584
(WY)	1960	1928	1965	1997	1986	1986	1943	1958	1974	1943	1965	1965
MIN	246	263	265	265	283	326	717	782	672	321	224	223
(WY)	1989	1937	1936	1919	1920	1977	1977	1977	1992	1924	1934	1934

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1911 - 2005	
ANNUAL TOTAL	342965		310245			
ANNUAL MEAN	937		850		1188	
HIGHEST ANNUAL MEAN					2091	1997
LOWEST ANNUAL MEAN					442	1977
HIGHEST DAILY MEAN	3510	Jun 6	6140	May 20	15400	Dec 23 1964
LOWEST DAILY MEAN	215	Nov 30	215	Nov 30	123	Nov 28 1976
ANNUAL SEVEN-DAY MINIMUM	261	Nov 29	261	Nov 29	183	Dec 8 1932
ANNUAL RUNOFF (AC-FT)	680300		615400		860700	
ANNUAL RUNOFF (CFSM)	1.13		1.02		1.43	
ANNUAL RUNOFF (INCHES)	15.37		13.90		19.45	
10 PERCENT EXCEEDS	2220		1990		3220	
50 PERCENT EXCEEDS	468		432		507	
90 PERCENT EXCEEDS	340		311		300	

e Estimated

BOISE RIVER BASIN

13186000 SOUTH FORK BOISE RIVER NEAR FEATHERVILLE, ID

LOCATION.--Lat 43°29'45", long 115°18'29"(revised), (NAD83), in lot 6, NE¼ sec.19, T.2 N., R.10 E., Elmore County, Pine quad., Hydrologic Unit 17050113, on right bank, 2.5 mi upstream from Deer Creek, 8 mi southwest of Featherville, and at mile 59.0.

DRAINAGE AREA.--635 mi^2. Mean elevation, 6,840 ft.

PERIOD OF RECORD.--April 1945 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,218.56 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges and daily discharges July 13-29, which are fair. Station equipment includes satellite telemetry. No regulation. Diversions above station for irrigation of about 450 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,030 ft^3/s May 17, 1997, gage height, 7.74 ft; maximum gage height, 7.87 ft, May 30, 1983; minimum discharge, 30 ft^3/s Feb. 10, 1949, gage height, 0.60 ft, result of snowslide upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 20	0230	*5,240	*6.37	No other peak greater than base discharge.			

Minimum daily, 55 ft^3/s Nov. 30.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	187	194	e120	188	193	215	319	829	2500	709	246	155
2	186	214	e160	178	190	216	329	797	2080	671	240	153
3	185	218	161	179	199	219	367	817	1800	632	230	151
4	183	215	167	176	203	222	380	872	1650	590	222	148
5	182	211	150	178	210	223	358	913	1620	552	218	148
6	182	208	167	177	193	237	354	1250	1560	526	212	149
7	183	205	224	177	196	247	444	1380	1420	504	209	148
8	182	208	219	182	188	269	498	1320	1330	486	211	147
9	181	211	209	193	160	293	479	1510	1220	474	214	145
10	182	216	215	192	173	319	455	1620	1140	469	204	149
11	182	225	234	179	182	341	460	1430	1100	455	196	156
12	182	229	230	173	203	354	464	1360	1080	420	190	160
13	180	222	221	178	228	355	517	1280	1020	399	182	161
14	180	215	209	173	211	315	554	1240	1030	375	181	160
15	179	210	201	e160	176	307	501	1350	1140	358	179	158
16	179	210	177	184	146	299	496	2160	1240	341	176	156
17	182	208	150	207	157	292	564	3130	1280	330	179	155
18	241	200	157	216	177	277	574	2960	1170	329	178	163
19	224	197	157	224	210	282	547	4510	1060	321	177	163
20	234	174	e160	220	227	300	536	4880	1020	313	172	159
21	233	154	168	207	216	302	536	4100	1080	281	169	154
22	212	132	148	200	205	298	508	3490	1150	274	169	155
23	214	221	137	194	199	309	582	3400	1110	280	169	154
24	219	194	126	192	200	312	617	3160	1020	270	166	161
25	203	231	e140	195	201	289	648	2810	938	268	163	169
26	205	212	e180	211	206	273	808	2570	892	263	161	167
27	214	180	215	226	212	294	918	2540	877	257	159	167
28	232	164	211	227	218	351	997	2620	951	242	155	169
29	248	96	224	223	---	387	977	2750	841	242	153	164
30	229	55	213	207	---	345	906	2590	754	260	151	160
31	222	---	198	195	---	307	---	2370	---	264	154	---
TOTAL	6227	5829	5648	6011	5479	9049	16693	68008	37073	12155	5785	4704
MEAN	201	194	182	194	196	292	556	2194	1236	392	187	157
MAX	248	231	234	227	228	387	997	4880	2500	709	246	169
MIN	179	55	120	160	146	215	319	797	754	242	151	145
AC-FT	12350	11560	11200	11920	10870	17950	33110	134900	73530	24110	11470	9330
CFSM	0.32	0.31	0.29	0.31	0.31	0.46	0.88	3.45	1.95	0.62	0.29	0.25
IN.	0.36	0.34	0.33	0.35	0.32	0.53	0.98	3.98	2.17	0.71	0.34	0.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2005, BY WATER YEAR (WY)

MEAN	236	247	240	243	255	403	1239	2557	2294	758	287	226
MAX	366	433	682	751	443	1244	2594	4875	4801	1951	643	396
(WY)	1984	1984	1965	1997	1986	1986	1969	1958	1965	1975	1965	1965
MIN	140	140	142	133	159	192	345	420	329	160	106	104
(WY)	1993	1995	1993	1993	1993	1955	1977	1977	1992	1992	1992	1994

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1945 - 2005	
ANNUAL TOTAL	174156		182661			
ANNUAL MEAN	476		500		751	
HIGHEST ANNUAL MEAN					1369	1965
LOWEST ANNUAL MEAN					254	1977
HIGHEST DAILY MEAN	2060	May 6	4880	May 20	7870	May 17 1997
LOWEST DAILY MEAN	55	Nov 30	55	Nov 30	55	Nov 30 2004
ANNUAL SEVEN-DAY MINIMUM	130	Nov 29	130	Nov 29	95	Aug 28 1994
ANNUAL RUNOFF (AC-FT)	345400		362300		544400	
ANNUAL RUNOFF (CFSM)	0.749		0.788		1.18	
ANNUAL RUNOFF (INCHES)	10.20		10.70		16.08	
10 PERCENT EXCEEDS	1150		1230		2160	
50 PERCENT EXCEEDS	222		218		288	
90 PERCENT EXCEEDS	170		159		176	

e Estimated

13190500 SOUTH FORK BOISE RIVER AT ANDERSON RANCH DAM, ID

LOCATION.--Lat 43°20'37", long 115°28'39"(revised), (NAD83), in NW¼ sec.14, T.1 S., R.8 E., Elmore County, Anderson Ranch Dam quad., Hydrologic Unit 17050113, Boise National Forest, on right bank 600 ft upstream from Dixie Creek, 1.8 mi downstream from Anderson Ranch Dam, 2.2 mi northwest of Bennett, and at mile 41.5.

DRAINAGE AREA.--982 mi^2.

PERIOD OF RECORD.--April 1943 to current year (includes flow of Dixie Creek prior to October 1946).

GAGE.--Water-stage recorder. Datum of gage is 3,830.0 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Anderson Ranch Reservoir, 1.8 mi upstream (see sta 13190000) beginning Dec. 15, 1945. Flow of Little Camas Creek is stored in Little Camas Reservoir, capacity, 22,300 acre-ft, no spill most years, and diverted out of basin through Little Camas Canal for irrigation of about 5,000 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,850 ft^3/s May 25, 1956, gage height, 10.56 ft; minimum, 0.10 ft^3/s Nov. 13, 1959; minimum gage height, 0.99 ft, Feb. 16, 1950.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,510 ft^3/s June 27, July 9-11, 13-14; minimum daily, 266 ft^3/s Nov. 26, 27.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	304	295	269	317	293	290	566	590	619	1500	1490	597
2	304	294	288	317	293	291	598	589	625	1500	1490	599
3	304	285	313	318	295	293	596	613	631	1500	1490	601
4	304	276	312	320	296	293	603	628	627	1490	1490	598
5	303	274	316	319	293	294	600	628	628	1500	1490	598
6	304	272	317	319	295	296	593	629	623	1500	1490	598
7	303	272	314	318	296	292	594	627	625	1500	1490	596
8	303	274	325	319	299	290	594	627	624	1500	1490	599
9	304	283	317	318	297	291	599	627	622	1510	1490	607
10	304	279	314	318	293	291	599	627	621	1510	1490	595
11	307	279	313	318	301	290	599	624	621	1510	1490	593
12	308	279	313	319	293	290	598	623	622	1500	1490	598
13	304	276	314	319	307	292	592	621	620	1510	1490	583
14	313	276	322	320	291	294	594	621	620	1510	1490	593
15	313	277	321	321	290	299	595	622	613	1500	1490	588
16	309	275	319	321	290	298	595	622	592	1500	1490	448
17	307	274	321	319	288	304	598	622	591	1500	1490	287
18	305	272	321	317	290	303	600	621	593	1500	1490	273
19	304	275	321	316	294	308	600	623	589	1500	1490	275
20	309	275	321	307	296	304	601	626	771	1500	1480	276
21	305	276	322	292	293	309	597	623	964	1500	1490	282
22	303	277	319	294	289	304	595	624	1150	1490	1330	283
23	300	272	321	293	294	302	594	622	1320	1490	1150	283
24	298	269	318	293	292	306	597	620	1500	1490	957	283
25	296	267	317	293	290	302	599	622	1500	1500	785	282
26	299	266	317	293	293	300	598	622	1500	1500	608	279
27	298	266	319	292	293	305	596	623	1510	1500	594	279
28	299	268	320	292	293	306	598	623	1500	1490	592	277
29	295	270	320	292	---	308	594	623	1500	1490	596	303
30	296	267	317	291	---	306	589	619	1500	1490	600	304
31	297	---	317	292	---	301	---	618	---	1490	595	---
TOTAL	9402	8260	9778	9577	8227	9252	17871	19249	26421	46470	39087	13357
MEAN	303	275	315	309	294	298	596	621	881	1499	1261	445
MAX	313	295	325	321	307	309	603	629	1510	1510	1490	607
MIN	295	266	269	291	288	290	566	589	589	1490	592	273
AC-FT	18650	16380	19390	19000	16320	18350	35450	38180	52410	92170	77530	26490

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2005, BY WATER YEAR (WY)

MEAN	385	398	504	533	584	666	1084	2028	2263	1503	1056	609
MAX	1183	1504	1556	1531	3002	2996	3795	4820	5171	2546	1862	1741
(WY)	1953	1984	1984	1984	1997	1997	1946	1943	1983	1950	1948	1952
MIN	1.46	1.32	1.26	1.30	1.57	3.19	5.84	3.37	572	628	62.6	41.7
(WY)	1949	1949	1950	1949	1950	1950	1962	1962	1955	1944	1950	1949

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1943 - 2005	
ANNUAL TOTAL	250071		216951			
ANNUAL MEAN	683		594		963	
HIGHEST ANNUAL MEAN					1735	1997
LOWEST ANNUAL MEAN					411	1992
HIGHEST DAILY MEAN	1610	Aug 8	1510	Jun 27	9770	May 25 1956
LOWEST DAILY MEAN	266	Nov 26	266	Nov 26	0.70	Sep 21 1950
ANNUAL SEVEN-DAY MINIMUM	268	Nov 24	268	Nov 24	0.76	Sep 18 1950
ANNUAL RUNOFF (AC-FT)	496000		430300		697900	
10 PERCENT EXCEEDS	1580		1490		2090	
50 PERCENT EXCEEDS	326		320		599	
90 PERCENT EXCEEDS	295		283		194	

13200000 MORES CREEK ABOVE ROBIE CREEK, NEAR ARROWROCK DAM, ID

LOCATION.--Lat 43°38'53", long 115°59'23", (NAD83), in SE¼SW¼ sec.28, T.4 N., R.4 E., Boise County, Dunnigan Creek quad., Hydrologic Unit 17050112, on left bank, 1.7 mi upstream from Robie Creek, 5.0 mi northwest of Arrowrock Dam, and at mile 5.8.

DRAINAGE AREA.--399 mi^2.

PERIOD OF RECORD.--October 1950 to current year. Prior to October 1958, published as "Moore Creek above Robie Creek, near Arrowrock", and October 1958 to September 1962, published as "near Arrowrock".

GAGE.--Water-stage recorder. Elevation of gage is 3,120 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. Small diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,440 ft^3/s Dec. 23, 1955, gage height, 9.55 ft; minimum, 3.5 ft^3/s Aug. 29, 30, 1994, gage height, 1.80 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 19	1915	754	4.44	No peaks greater than base discharge.			

Minimum daily, 14 ft^3/s Sept. 6-9.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	71	e50	e65	84	104	292	315	424	111	33	16
2	42	66	e48	e55	83	106	277	299	392	101	30	16
3	42	69	e52	e50	82	110	288	296	341	94	28	16
4	42	72	e52	e44	86	114	311	305	313	89	27	15
5	42	68	e46	e38	91	118	296	308	297	85	26	15
6	42	66	e60	e38	72	128	281	370	287	80	24	14
7	42	64	e65	e55	84	137	318	375	269	75	24	14
8	42	63	91	e60	69	152	413	360	262	72	23	14
9	42	63	97	e60	69	168	386	388	248	70	22	14
10	42	64	125	e55	76	185	343	414	229	76	21	15
11	42	68	138	e55	73	201	320	377	219	77	20	17
12	43	70	132	e55	89	204	308	353	226	68	19	18
13	43	68	124	e60	84	196	312	337	208	61	19	19
14	43	65	115	e46	80	171	300	327	192	56	19	19
15	43	63	106	e36	54	161	277	351	181	54	20	19
16	43	63	95	e65	70	151	265	475	173	50	19	20
17	45	63	100	e70	75	145	281	631	203	47	19	26
18	67	62	85	e80	87	138	293	589	202	46	19	34
19	68	60	82	e75	90	139	277	699	184	44	18	32
20	75	57	80	e75	87	186	266	720	165	42	18	29
21	69	47	e60	e75	99	197	299	693	150	41	17	27
22	62	64	e60	e75	86	201	295	625	141	39	17	25
23	70	67	e46	e75	87	218	308	590	132	36	16	25
24	80	63	e50	e80	89	222	327	545	124	35	16	25
25	70	69	e60	e80	92	201	332	503	117	31	16	27
26	64	74	e70	e85	96	178	370	468	115	31	17	29
27	63	64	e70	88	100	213	395	444	131	31	16	29
28	70	53	e65	90	107	370	409	426	169	31	16	28
29	93	e42	e70	101	---	425	377	420	144	30	16	27
30	84	e40	e75	95	---	371	345	405	123	30	15	27
31	81	---	e70	85	---	309	---	377	---	33	16	---
TOTAL	1738	1888	2439	2066	2341	5919	9561	13785	6361	1766	626	651
MEAN	56.1	62.9	78.7	66.6	83.6	191	319	445	212	57.0	20.2	21.7
MAX	93	74	138	101	107	425	413	720	424	111	33	34
MIN	42	40	46	36	54	104	265	296	115	30	15	14
AC-FT	3450	3740	4840	4100	4640	11740	18960	27340	12620	3500	1240	1290
CFSM	0.14	0.16	0.20	0.17	0.21	0.48	0.80	1.11	0.53	0.14	0.05	0.05
IN.	0.16	0.18	0.23	0.19	0.22	0.55	0.89	1.29	0.59	0.16	0.06	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	59.6	87.8	130	156	231	479	882	752	403	106	40.4	40.4
MAX	108	169	676	833	912	1481	2183	1486	845	251	92.0	86.6
(WY)	1952	1971	1965	1997	1986	1986	1952	1983	1975	1983	1983	1986
MIN	25.5	37.9	42.4	45.1	57.8	88.8	127	125	49.9	18.7	5.66	8.83
(WY)	1995	1995	1995	1977	1993	1977	1977	1977	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	76156		49141			
ANNUAL MEAN	208		135		280	
HIGHEST ANNUAL MEAN					560	1965
LOWEST ANNUAL MEAN					66.2	1977
HIGHEST DAILY MEAN	1220	Apr 7	720	May 20	4520	Dec 23 1964
LOWEST DAILY MEAN	21	Aug 14	14	Sep 6	4.1	Aug 30 1994
ANNUAL SEVEN-DAY MINIMUM	23	Aug 10	14	Sep 4	4.4	Aug 16 1994
ANNUAL RUNOFF (AC-FT)	151100		97470		202900	
ANNUAL RUNOFF (CFSM)	0.521		0.337		0.702	
ANNUAL RUNOFF (INCHES)	7.10		4.58		9.54	
10 PERCENT EXCEEDS	519		344		800	
50 PERCENT EXCEEDS	80		75		107	
90 PERCENT EXCEEDS	40		20		34	

e Estimated

BOISE RIVER BASIN

13201500 LUCKY PEAK LAKE NEAR BOISE, ID

LOCATION.--Lat 43°31'32", long 116°03'19", (NAD83), in SW¼NW¼ sec.12, T.2 N., R.3 E., Ada County, Lucky Peak quad., Hydrologic Unit 17050112, at outlet control tower at Lucky Peak Dam on Boise River, 2 mi upstream from diversion dam for New York Canal, 7 mi downstream from Mores Creek, 9 mi southeast of Boise, and at mile 63.8.

DRAINAGE AREA.--2,680 mi^2, approximately.

PERIOD OF RECORD.--October 1954 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level, (levels by U.S. Corps of Engineers). Prior to May 13, 1955, nonrecording gage at same site and datum.

REMARKS.--Station equipment includes satellite telemetry. Reservoir is formed by earthfill dam. Storage began Oct. 16, 1954. Dam completed in February 1955. Capacity, 307,040 acre-ft between elevations 2,827.0 ft, sill of outlet gates, and 3,060.0 ft, spillway crest. Minimum proposed operating level, 2,905.0 ft, 28,770 acre-ft, but all storage can be released. Water is stored for flood control, irrigation of lands in Boise Valley, and hydro-electric power.

COOPERATION.--Gage-height record and capacity table provided by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 305,130 acre-ft June 25, 1955, elevation, 3,059.32 ft; minimum since near-full capacity was attained on June 25, 1955, 28,630 acre-ft Dec. 21, 1961, elevation, 2,904.83 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 294,000 acre-ft July 18, elevation, 3,055.31 ft; minimum contents, 28,700 acre-ft Nov. 3, elevation, 2,904.90 ft.

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

2,900.0	24,910	2,980.0	125,100
2,920.0	42,200	3,000.0	162,800
2,940.0	64,600	3,020.0	205,600
2,960.0	92,400	3,040.0	253,600
		3,060.0	307,000

Reservoir storage, acre feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49200	28900	56400	84700	85100	102100	127600	216400	291700	292800	291200	203300
2	47100	28800	57200	84800	85000	102800	128700	217800	292200	293000	291700	198500
3	45000	28700	58100	84900	85000	103600	129700	219900	292400	293100	292200	193700
4	43200	29200	58900	84900	85000	104300	130800	222300	292500	292900	292300	189000
5	41200	30400	59700	84900	84900	105000	134000	224600	292700	292700	292100	184200
6	38900	31600	60600	85000	84900	105800	138000	227000	292900	292300	291700	179500
7	37300	32800	61500	85000	84800	106500	141900	229600	292900	291700	291000	174700
8	36000	34000	62500	85000	84700	107000	146200	232200	292700	291400	290600	169800
9	34700	35200	63600	85000	84900	107800	150300	235000	292500	291500	290200	165000
10	33300	36300	64700	85000	85300	108600	154200	239300	292300	291500	289700	160200
11	31900	37500	65700	85000	86400	109600	157400	243900	291700	291400	289000	155400
12	31300	e38700	66700	85000	87900	110400	161500	247800	291000	291400	286100	150700
13	30600	39400	67800	85000	89500	111300	166400	250700	290900	291100	282300	146000
14	29500	40900	68700	85000	91000	112100	171200	253400	291600	290900	278700	e141300
15	28800	e42000	69700	84900	92300	113000	175600	256100	292300	291400	275100	136700
16	28800	e43000	70700	84900	93200	113700	179900	259300	293100	292700	271600	132200
17	28800	e44000	71700	85000	93800	114500	184100	263700	293300	293700	268300	127800
18	28900	e45000	72800	85000	94400	115300	187600	268600	293000	293700	265000	123400
19	29000	46100	73800	85000	95100	116100	190000	273700	292600	293200	261900	119100
20	29000	47100	74800	85100	95800	117000	192200	278800	292000	292800	258900	114800
21	28900	48000	75800	85200	96500	117900	194800	283800	291900	292400	255900	110500
22	28900	48900	76800	85300	97200	118800	197400	288600	292200	292100	252900	106300
23	29000	49800	77800	85400	97900	119600	200200	291200	292700	291900	248400	102100
24	28900	50600	78800	85300	98600	120500	202700	291200	292900	291400	243000	97900
25	28800	51500	79800	85300	99300	121300	205200	291800	292700	291300	237800	93700
26	28700	52400	80800	85200	100000	122100	207600	292200	292600	291500	232700	89500
27	28800	53200	81800	85200	100700	122800	209800	292000	292600	291600	227700	85300
28	29000	54000	82800	85200	101400	124100	211600	291700	292500	291600	222800	81200
29	29100	54800	83800	85200	---	124800	213300	291600	292400	291400	218100	77700
30	29000	55500	84500	85200	---	125600	214900	291500	292500	291300	213300	74200
31	29000	---	84600	85100	---	126600	---	291400	---	291100	208200	---
MAX	49200	55500	84600	85400	101400	126600	214900	292200	293300	293700	292300	203300
MIN	28700	28700	56400	84700	84700	102100	127600	216400	290900	290900	208200	74200
†	2905.25	2932.47	2954.76	2955.12	2965.84	2980.88	3024.05	3054.37	3054.77	3054.25	3021.16	2947.33
‡	-22200	26500	29100	500	16300	25200	88300	76500	1100	-1400	-82900	-134000

CAL YR 2004 ‡ -72200
WTR YR 2005 ‡ 23000

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

13202000 BOISE RIVER NEAR BOISE, ID

LOCATION.--Lat 43°31'40", long 116°03'31", (NAD27) in NE¼ sec.11, T.2 N., R.3 E., Ada County, Lucky Peak quad., Hydrologic Unit 17050112, at gate-control house at outlet works of Lucky Peak Lake, 1.8 mi upstream from diversion dam for New York Canal, 7.5 mi downstream from mouth of Mores Creek, 9 mi southeast of Boise, and at mile 63.6.

DRAINAGE AREA.--2,680 mi^2, approximately. Mean elevation, 5,910 ft.

PERIOD OF RECORD.--January 1895 to September 1916 (no winter records 1904-05, 1907), November 1950 to September 1954 (discharge measurements only), October 1954 to current year. Published as “near Highland” 1905-15 and as “below Moore Creek, near Arrowrock” 1916.

REVISED RECORDS.--WSP 1347: 1895-1901, 1904.

GAGE.--None. See WDR ID-87-1 for history of changes prior to October 1, 1987.

REMARKS.--Flow regulated by Lucky Peak Lake, Arrowrock Reservoir, and Anderson Ranch Reservoir. Diversions above station for irrigation of about 2,300 acres in the basin, and about 5,000 acres outside the basin near Mountain Home (1966 determination).

COOPERATION.--Discharge record provided by Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed (1895-1916), prior to regulation, 35,500 ft^3/s June 14, 1896; minimum observed, 432 ft^3/s Nov. 14, 1915.

Maximum discharge since construction of Lucky Peak Dam in 1955, 13,200 ft^3/s June 13-15, 1983; no flow on several days in 1954, 1955, 1957-59, 1961, 1969, 1974, 1978, 1980, 1982, 1984-86, 1989 when gates were closed.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 4,030 ft^3/s June 26-29; minimum daily, 244 ft^3/s Dec. 9, Mar. 17, 20, 26, Apr. 1.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2810	257	254	255	256	256	244	2450	2990	3580	3840	3220
2	2810	256	253	255	256	255	245	2510	3030	3480	3930	3170
3	2810	255	253	256	256	256	245	2600	2970	3480	3960	3160
4	2570	253	254	256	256	256	245	2700	2790	3590	3970	3160
5	2420	254	256	253	257	254	245	2730	2670	3630	3980	3160
6	2410	253	255	255	255	254	245	2730	2660	3650	3980	3110
7	2400	253	256	254	254	254	246	2630	2650	3760	3990	3070
8	2410	254	256	253	255	254	245	2580	2660	3820	3980	3060
9	2410	254	244	253	255	255	245	2480	2730	3890	3950	3040
10	2410	254	255	256	254	255	304	2430	2890	3910	3930	3030
11	2410	254	256	255	254	255	675	2430	3090	3900	3930	3030
12	1390	255	256	253	257	256	745	2580	3180	3890	3930	3000
13	706	253	257	252	252	253	788	2790	3380	3930	3910	2970
14	709	253	256	254	255	248	804	2850	3580	3920	3910	2960
15	470	248	256	255	255	245	939	2860	3700	3900	3870	2960
16	356	248	256	253	253	245	1010	2850	3720	3880	3840	2920
17	356	248	256	253	254	244	1010	2850	3750	3880	3810	2870
18	355	248	256	253	254	247	1540	2850	3750	3880	3810	2860
19	354	249	257	255	254	245	2050	2860	3760	3860	3740	2840
20	354	250	259	255	253	244	2160	2850	3850	3870	3700	2810
21	355	248	256	256	252	245	2010	2850	3910	3860	3710	2790
22	288	276	255	256	255	246	1930	2860	3940	3860	3690	2770
23	255	255	257	255	255	245	1930	2850	3930	3860	3680	2760
24	256	254	256	255	254	245	1960	2860	3990	3860	3720	2760
25	255	253	256	257	254	245	2050	2860	4020	3860	3700	2750
26	255	253	256	256	254	244	2080	2860	4030	3860	3630	2740
27	255	254	254	256	254	246	2240	2910	4030	3860	3590	2730
28	254	256	253	256	255	246	2420	2930	4030	3860	3580	2710
29	255	255	251	257	---	576	2460	2930	4030	3860	3450	2450
30	257	255	254	256	---	525	2450	2930	3870	3830	3350	2310
31	257	---	254	255	---	245	---	2930	---	3810	3260	---
TOTAL	35862	7608	7903	7899	7128	8339	35760	85380	103580	118080	117320	87170
MEAN	1157	254	255	255	255	269	1192	2754	3453	3809	3785	2906
MAX	2810	276	259	257	257	576	2460	2930	4030	3930	3990	3220
MIN	254	248	244	252	252	244	244	2430	2650	3480	3260	2310
AC-FT	71130	15090	15680	15670	14140	16540	70930	169400	205500	234200	232700	172900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 1916, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	969	1151	1111	1238	1299	2946	6375	8151	7919	2994	1186	968
MAX	1349	3343	2309	2590	1979	9144	11220	13360	24400	6218	2655	2094
(WY)	1900	1910	1899	1899	1909	1910	1907	1904	1896	1896	1916	1916
MIN	683	509	539	660	925	1388	2823	2023	3186	1272	643	578
(WY)	1907	1916	1916	1898	1913	1915	1915	1915	1915	1905	1905	1905

SUMMARY STATISTICS	[a] WATER YEARS 1895 - 1916	
ANNUAL MEAN	3036	
HIGHEST ANNUAL MEAN	4510	1896
LOWEST ANNUAL MEAN	1627	1915
HIGHEST DAILY MEAN	35500	Jun 14 1896
LOWEST DAILY MEAN	432	Nov 14 1915
ANNUAL SEVEN-DAY MINIMUM	482	Nov 10 1915
ANNUAL RUNOFF (AC-FT)	2199000	
10 PERCENT EXCEEDS	8000	
50 PERCENT EXCEEDS	1330	
90 PERCENT EXCEEDS	820	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 2005, BY WATER YEAR (WY) (REGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	952	208	337	650	1439	2218	4117	5975	5440	4568	4009	2961
MAX	2246	1448	1756	6008	7009	7565	8940	10830	10540	6034	4752	4469
(WY)	1985	1987	1996	1997	1997	1997	1997	1965	1983	1982	1963	1984
MIN	63.0	0.00	0.00	0.00	0.00	90.0	622	2754	3147	2795	1056	403
(WY)	1962	1955	1955	1955	1961	1977	1955	2005	1990	1992	1992	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		[b] WATER YEARS 1955 - 2005	
ANNUAL TOTAL	749222		622029			
ANNUAL MEAN	2047		1704		2745	
HIGHEST ANNUAL MEAN					4914	1997
LOWEST ANNUAL MEAN					1137	1992
HIGHEST DAILY MEAN	4460	Jun 27	4030	Jun 26	13200	Jun 13 1983
LOWEST DAILY MEAN	243	Mar 14	244	Dec 9	0.00	Oct 17 1954
ANNUAL SEVEN-DAY MINIMUM	245	Mar 12	245	Mar 20	0.00	Oct 17 1954
ANNUAL RUNOFF (AC-FT)	1486000		1234000		1988000	
10 PERCENT EXCEEDS	4330		3860		6150	
50 PERCENT EXCEEDS	2350		788		2630	
90 PERCENT EXCEEDS	248		252		102	

a Unregulated, prior to construction of Arrowrock Dam.
b Regulated, unadjusted (since construction of Lucky Peak Dam).

13204640 COTTONWOOD CREEK BELOW FIVEMILE CREEK NEAR BOISE, ID

LOCATION.--Lat 43°37'43", long 116°06'39", (NAD83), in SW¼NE¼NW¼ sec.4, T.4 N., R.3 E., Ada County, Robie Creek quad., Hydrologic Unit 17050114, on left bank 500 ft downstream from Fivemile Creek, and 5.0 mi east of Boise.

DRAINAGE AREA.--6.16 mi^2.

PERIOD OF RECORD.--October 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,780 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. Station equipment includes satellite telemetry.

COOPERATION.--City of Boise.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14 ft^3/s Mar. 9, 2002, gage height, 8.18 ft; no flow for long periods.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 2.8 ft^3/s Dec. 9; no flow for long periods.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.33	1.2	0.61	0.79	0.59	1.7	0.97	2.4	0.29	0.00	0.00
2	0.00	0.35	1.2	0.58	0.77	0.58	1.7	0.92	2.0	0.28	0.00	0.00
3	0.00	0.41	1.2	0.57	0.76	0.60	1.8	0.89	e1.6	0.27	0.00	0.00
4	0.00	0.48	1.2	0.50	0.76	0.61	1.9	0.93	1.5	0.25	0.00	0.00
5	0.00	0.51	1.2	0.43	0.71	0.62	1.8	1.0	e1.5	0.23	0.00	0.00
6	0.00	0.51	1.2	0.50	0.69	0.61	1.8	1.2	e1.4	0.21	0.00	0.00
7	0.00	0.53	1.3	0.56	0.70	0.66	1.8	1.1	1.4	0.19	0.00	0.00
8	0.00	0.61	2.1	0.57	0.65	0.68	1.9	1.0	1.3	0.15	0.00	0.00
9	0.00	0.61	2.8	0.53	0.60	0.67	1.9	1.5	1.1	0.17	0.00	0.00
10	0.00	0.62	2.5	0.51	0.57	0.68	1.8	1.3	1.1	0.20	0.00	0.00
11	0.00	0.88	2.2	0.51	0.60	0.69	1.8	1.2	1.1	0.16	0.00	0.00
12	0.00	0.80	1.9	0.48	0.62	0.71	1.8	1.2	1.1	0.11	0.00	0.00
13	0.00	0.77	1.6	0.45	0.64	0.71	1.7	1.1	0.99	0.09	0.00	0.00
14	0.00	0.73	1.5	0.41	0.62	0.71	1.7	1.00	0.85	0.08	0.00	0.00
15	0.00	0.81	1.3	0.40	0.48	0.71	1.6	1.1	0.79	0.05	0.00	0.00
16	0.00	0.80	1.1	0.49	0.47	0.69	1.5	2.1	0.63	0.04	0.00	0.00
17	0.00	0.81	1.1	0.51	e0.50	0.69	1.5	2.5	1.4	0.04	0.00	0.00
18	0.00	0.83	0.99	0.62	0.57	0.68	1.4	2.4	0.90	0.03	0.00	0.00
19	0.00	0.86	0.95	0.68	0.62	0.75	1.4	2.4	0.74	0.02	0.00	0.00
20	0.00	0.93	0.90	0.70	0.70	0.81	1.3	2.3	0.57	0.01	0.00	0.00
21	0.00	0.93	0.75	0.68	0.82	0.83	1.4	2.3	0.45	0.00	0.00	0.00
22	0.00	0.99	0.70	0.67	0.76	0.91	1.3	2.2	0.41	0.00	0.00	0.00
23	0.00	0.98	0.60	0.69	0.71	1.0	1.3	2.1	0.38	0.00	0.00	0.00
24	0.00	1.1	0.62	0.70	0.67	0.98	1.3	2.0	0.33	0.00	0.00	0.00
25	0.00	1.4	0.66	0.70	0.60	0.95	1.2	1.8	0.30	0.00	0.00	0.00
26	0.00	1.5	0.67	0.70	0.59	0.92	1.1	1.7	0.31	0.00	0.00	0.00
27	0.00	1.4	0.62	0.70	0.58	0.96	1.1	e1.6	0.50	0.00	0.00	0.00
28	0.08	1.2	0.62	0.78	0.59	1.5	1.1	1.6	0.56	0.00	0.00	0.00
29	0.28	1.1	0.67	0.98	---	1.7	1.0	1.6	0.45	0.00	0.00	0.00
30	0.30	1.2	0.68	0.87	---	1.7	1.0	1.6	0.35	0.00	0.00	0.00
31	0.33	---	0.63	0.82	---	1.7	---	1.9	---	0.00	0.00	---
TOTAL	0.99	24.98	36.66	18.90	18.14	26.60	45.6	48.51	28.41	2.87	0.00	0.00
MEAN	0.03	0.83	1.18	0.61	0.65	0.86	1.52	1.56	0.95	0.09	0.00	0.00
MAX	0.33	1.5	2.8	0.98	0.82	1.7	1.9	2.5	2.4	0.29	0.00	0.00
MIN	0.00	0.33	0.60	0.40	0.47	0.58	1.0	0.89	0.30	0.00	0.00	0.00
AC-FT	2.0	50	73	37	36	53	90	96	56	5.7	0.00	0.00
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)												
MEAN	0.09	0.50	0.83	1.07	1.95	4.59	3.72	1.96	0.67	0.07	0.00	0.00
MAX	0.40	0.83	1.18	1.52	3.08	7.88	8.01	3.31	0.95	0.14	0.00	0.00
(WY)	2001	2005	2005	2002	2004	2004	2002	2003	2005	2004	2001	2001
MIN	0.00	0.20	0.62	0.61	0.65	0.86	1.52	1.09	0.35	0.01	0.00	0.00
(WY)	2002	2004	2004	2005	2005	2005	2005	2001	2001	2001	2001	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	555.27		251.66			
ANNUAL MEAN	1.52		0.69		1.28	
HIGHEST ANNUAL MEAN					1.90	2002
LOWEST ANNUAL MEAN					0.69	2005
HIGHEST DAILY MEAN	11	Mar 13	2.8	Dec 9	13	Mar 27 2002
LOWEST DAILY MEAN	0.00	Jul 24	0.00	Oct 1	0.00	Jul 9 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 24	0.00	Oct 1	0.00	Jul 12 2001
ANNUAL RUNOFF (AC-FT)	1100		499		930	
10 PERCENT EXCEEDS	4.9		1.6		3.5	
50 PERCENT EXCEEDS	0.70		0.62		0.65	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

13205995 DIVERSIONS FROM BOISE RIVER BETWEEN GAGING STATIONS NEAR BOISE AND AT GLENWOOD BRIDGE, ID

Between “near Boise” and “at Glenwood Bridge” gaging stations (published as “between Dowling Ranch and at Boise gaging stations” prior to 1955 water year, and as “between near Boise and at Boise gaging stations”, 1955-82), ten canals and several small farm laterals divert water from Boise River for irrigation.

Records of total diversion during April to September for each canal for years 1919-46, combined daily diversion covering period April to September for years 1947-67, combined daily diversions for water years 1968-75, and daily flow of New York Canal, February 1939 to October 1948, are published in reports of Geological Survey. Records of daily diversion for each canal beginning in 1916 are on file in office of the Idaho Department of Water Resources. Prior to October 1967, there was no record of October to March diversions, except for New York Canal. Winter diversions generally represent flow through New York Canal to fill Lake Lowell.

Records show summation of discharge for the recorded diversions. Staff gages on canals are read daily or several times weekly, and discharge measurements are made weekly. Records provided by watermaster for Boise River.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2190	1.8	1.6	1.8	1.0	1.1	1.5	1580	2250	2520	2710	2290
2	2190	1.8	1.6	1.7	1.0	1.1	1.5	1640	2290	2430	2700	2250
3	2190	1.8	1.4	1.6	1.0	1.1	1.5	1720	2240	2430	2700	2230
4	1950	1.8	1.4	1.6	1.0	1.0	1.5	1810	2090	2540	2700	2230
5	1810	1.8	1.4	1.5	1.0	1.0	1.5	1840	1940	2600	2700	2230
6	1780	1.8	1.4	1.4	1.0	1.0	1.5	1810	1900	2610	2680	2220
7	1780	1.8	1.4	1.3	1.0	1.0	1.5	1730	1880	2680	2670	2210
8	1770	1.8	1.4	1.3	1.0	1.0	1.6	1670	1890	2720	2680	2210
9	1770	1.8	1.4	1.3	1.0	1.0	1.6	1560	1960	2760	2630	2200
10	1770	1.8	1.1	1.3	1.0	1.0	1.6	1530	2120	2770	2600	2200
11	1770	1.8	1.1	1.3	1.4	1.5	145	1530	2300	2760	2600	2190
12	1040	1.6	1.1	1.3	1.4	1.5	171	1660	2360	2770	2600	2180
13	159	1.6	1.1	1.3	1.4	1.5	237	1860	2550	2800	2590	2170
14	159	1.6	1.1	1.2	1.4	1.5	240	1920	2720	2790	2600	2170
15	69	1.6	1.1	1.2	1.4	1.5	389	1920	2840	2770	2590	2170
16	2.7	1.6	1.1	1.2	1.4	1.5	403	1960	2870	2760	2590	2160
17	2.7	1.6	e0.00	1.2	1.4	1.5	418	2060	2870	2740	2600	2170
18	2.7	1.6	e0.00	1.2	1.3	1.5	974	2100	2870	2730	2600	2160
19	2.7	1.3	e0.00	1.2	1.3	1.5	1340	2110	2860	2720	2520	2150
20	2.7	1.3	e0.00	1.2	1.3	1.5	1390	2110	2880	2740	2490	2150
21	2.7	1.3	e0.00	1.3	1.3	1.5	1220	2110	2900	2750	2490	2150
22	1.5	1.3	e0.00	1.3	1.3	1.5	1120	2110	2900	2770	2470	2140
23	1.5	1.3	1.2	1.3	1.3	1.5	1130	2110	2920	2770	2460	2140
24	1.5	1.3	0.90	1.3	1.3	1.5	1170	2110	2920	2770	2480	2140
25	1.5	1.3	1.1	1.3	1.1	1.2	1280	2120	2930	2770	2490	2140
26	1.5	1.6	1.0	1.3	1.1	1.2	1320	2150	2940	2760	2430	2140
27	1.5	1.6	1.0	1.3	1.1	1.2	1460	2170	2940	2760	2380	2140
28	1.5	1.6	e0.00	1.0	1.1	1.2	1560	2170	2940	2760	2370	2140
29	1.5	1.6	e0.00	1.0	---	1.2	1560	2180	2950	2760	2370	1940
30	1.5	1.6	e0.00	1.0	---	1.2	1580	2170	2800	2720	2370	1750
31	1.5	---	e0.00	1.0	---	1.2	---	2200	---	2710	2330	---
TOTAL	22428.2	48.1	25.90	40.2	33.3	39.7	19122.3	59720	76820	83940	79190	64760
MEAN	723	1.60	0.84	1.30	1.19	1.28	637	1926	2561	2708	2555	2159
MAX	2190	1.8	1.6	1.8	1.4	1.5	1580	2200	2950	2800	2710	2290
MIN	1.5	1.3	0.00	1.0	1.0	1.0	1.5	1530	1880	2430	2330	1750
AC-FT	44490	95	51	80	66	79	37930	118500	152400	166500	157100	128500

WTR YR 2005 TOTAL 406167.70 MEAN 1113 MAX 2950 MIN 0.00 AC-FT 805600

e Estimated

13206000 BOISE RIVER AT GLENWOOD BRIDGE NEAR BOISE, ID

LOCATION.--Lat 43°39'38", long 116°16'45", (NAD83), in SW¼NE¼NE¼ sec.25, T.4 N., R.1 E., Ada County, Eagle quad., Hydrologic Unit 17050114, on left bank 175 ft upstream from Glenwood Bridge, 4.4 mi northwest of Boise, and at mile 47.5.

DRAINAGE AREA.--2,800 mi^2, approximately.

PERIOD OF RECORD.--April 1938 to September 1940 (published as "at Strawberry Glen Bridge near Boise"), March 1982 to current year. February 1940 to October 1982, station13205500 Boise River at Boise at site 5.3 miles upstream, not equivalent due to irrigation diversions between sites.

GAGE.--Water-stage recorder. Datum of gage is 2,600.00 ft above NGVD of 1929. April 1938 to September 1940, 0.30 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Anderson Ranch Reservoir, Arrowrock Reservoir and Lucky Peak Lake (see sta 13201500). The New York, Ridenbaugh and eight small canals (see sta 13205995) divert between station "near Boise" (see sta 13202000) and this station. Diversion above station for about 5,000 acres are outside the basin near Mountain Home.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed prior to completion of Lucky Peak Dam in 1955, 13,000 ft^3/s May 2, 1938; minimum observed, 19 ft^3/s Dec. 3, 1939.

Maximum discharge since regulation, 9,840 ft^3/s June 13, 1983, gage height, 11.54 ft; minimum, 42 ft^3/s Oct. 26, 1983.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 20, 1943 reached a discharge of about 21,000 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,270 ft^3/s Aug. 11, 16, gage height, 6.26 ft; minimum daily, 234 ft^3/s Apr. 2.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	562	394	270	274	274	266	236	762	721	1000	1020	835
2	561	427	270	273	273	266	234	772	715	1000	1080	828
3	566	556	270	273	274	265	247	762	706	1010	1130	834
4	567	333	270	274	274	263	267	757	671	992	1170	835
5	566	252	269	272	274	265	251	784	672	971	1170	841
6	563	257	270	273	274	265	245	852	708	976	1190	825
7	591	278	272	273	274	265	240	771	711	1010	1200	780
8	582	274	324	272	274	261	238	741	710	1040	1200	751
9	587	273	316	272	274	263	250	810	704	1060	1220	739
10	590	274	290	274	273	264	242	791	717	1070	1230	747
11	596	281	281	275	273	262	439	800	752	1070	1230	746
12	589	273	278	275	273	257	516	793	776	1060	1230	720
13	556	272	276	275	276	258	521	803	787	1070	1230	689
14	559	271	275	274	274	255	534	811	802	1080	1220	691
15	527	274	275	274	273	249	547	819	794	1060	1200	698
16	365	267	275	275	272	248	582	886	784	1050	1180	697
17	372	261	274	275	272	245	591	752	823	1050	1140	662
18	392	262	274	276	272	251	538	690	813	1060	1140	622
19	383	260	274	277	277	253	559	688	811	1050	1150	595
20	386	268	274	276	276	252	681	675	855	1030	1150	592
21	372	267	275	275	275	249	711	664	914	1010	1160	585
22	337	264	275	274	275	252	701	658	940	987	1150	577
23	308	272	273	274	307	258	678	657	967	965	1160	557
24	290	271	273	275	270	277	678	649	1000	970	1170	560
25	276	280	271	275	238	250	681	636	1020	962	1140	560
26	272	270	272	275	265	245	665	631	1030	986	1130	554
27	270	260	273	285	266	249	664	638	1070	982	1130	545
28	287	266	274	300	268	256	730	651	1060	979	1130	534
29	283	281	282	250	---	285	769	679	1040	978	1030	521
30	284	271	278	270	---	272	765	683	1030	978	890	493
31	275	---	273	276	---	268	---	703	---	971	854	---
TOTAL	13714	8709	8596	8511	7640	8034	15000	22768	25103	31477	35424	20213
MEAN	442	290	277	275	273	259	500	734	837	1015	1143	674
MAX	596	556	324	300	307	285	769	886	1070	1080	1230	841
MIN	270	252	269	250	238	245	234	631	671	962	854	493
AC-FT	27200	17270	17050	16880	15150	15940	29750	45160	49790	62430	70260	40090

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	445	334	469	842	1083	1747	2408	2576	2068	1238	932	656
MAX	1559	1516	1685	5903	7059	7037	6850	6780	6749	2689	1443	1893
(WY)	1985	1985	1984	1997	1997	1997	1997	1984	1983	1982	1997	1984
MIN	150	106	106	107	108	111	460	655	620	554	500	266
(WY)	1993	1993	1993	1993	1993	1992	2001	1990	1987	1992	1992	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	238401		205189			
ANNUAL MEAN	651		562		1197	
HIGHEST ANNUAL MEAN					3381	1997
LOWEST ANNUAL MEAN					358	1992
HIGHEST DAILY MEAN	1320	Jun 29	1230	Aug 10	9560	Jun 13 1983
LOWEST DAILY MEAN	252	Nov 5	234	Apr 2	86	Nov 2 1992
ANNUAL SEVEN-DAY MINIMUM	264	Nov 16	246	Apr 1	99	Nov 1 1992
ANNUAL RUNOFF (AC-FT)	472900		407000		867100	
10 PERCENT EXCEEDS	1190		1060		3390	
50 PERCENT EXCEEDS	596		534		661	
90 PERCENT EXCEEDS	273		263		172	

13206305 BOISE RIVER SOUTH CHANNEL AT EAGLE, ID

LOCATION.--Lat 43°40'31", long 116°21'13", (NAD83), in NE¼SE¼NE¼ sec.20, T.4 N., R.1 W., Ada County, Eagle quad., Hydrologic Unit 17050114, on right bank at State Highway 55, 10 ft upstream from bridge, 1.5 mi south of Eagle, and at mile 42.8.

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

GAGE.--Water-stage recorder. Datum of gage is 2,560 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,470 ft³/s Apr. 19, 2000, gage height, 4.73 ft; minimum, 75 ft³/s Mar. 9, 2003, gage height, 1.56 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 774 ft³/s June 27, gage height, 3.71 ft; minimum daily, 96 ft³/s Jan. 29.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	371	271	201	102	101	115	117	465	468	655	630	459
2	373	296	200	102	101	118	124	474	470	654	667	455
3	375	377	203	101	102	119	130	463	471	647	696	459
4	377	257	204	102	102	116	139	455	444	637	713	458
5	382	194	203	101	102	114	134	468	435	623	717	467
6	387	191	202	99	102	113	130	526	463	618	719	456
7	402	206	179	99	101	114	127	477	455	635	724	428
8	397	202	185	100	100	109	125	456	450	653	704	418
9	401	201	190	101	102	108	134	495	457	670	678	412
10	404	203	173	101	101	118	128	481	472	680	691	419
11	406	208	166	103	102	117	222	484	488	684	690	427
12	403	203	164	103	103	117	282	479	500	679	688	416
13	379	205	162	101	104	116	288	485	503	682	689	395
14	379	204	161	100	103	111	296	486	512	693	687	396
15	369	204	161	102	102	109	300	495	513	678	682	392
16	263	201	161	101	103	109	317	540	509	658	664	398
17	264	196	160	102	103	110	318	465	533	656	638	378
18	281	196	161	103	105	109	296	422	524	660	633	362
19	272	195	161	104	106	113	328	431	526	650	635	345
20	276	202	161	103	106	111	407	439	550	644	635	337
21	262	201	146	104	107	109	431	434	587	631	635	335
22	245	200	111	104	106	111	427	429	594	624	630	333
23	226	202	103	103	119	111	418	433	598	610	622	317
24	216	204	103	102	111	120	415	427	616	611	624	317
25	204	209	99	101	100	110	422	423	627	603	610	319
26	201	202	99	106	110	108	409	419	644	616	601	312
27	200	198	100	108	110	107	407	415	677	611	603	309
28	209	196	101	111	111	110	447	415	678	607	607	310
29	210	207	103	96	---	120	468	432	671	606	565	315
30	209	203	103	101	---	116	465	436	672	610	489	304
31	205	---	101	102	---	110	---	449	---	609	471	---
TOTAL	9548	6434	4727	3168	2925	3498	8651	14198	16107	19894	20037	11448
MEAN	308	214	152	102	104	113	288	458	537	642	646	382
MAX	406	377	204	111	119	120	468	540	678	693	724	467
MIN	200	191	99	96	100	107	117	415	435	603	471	304
AC-FT	18940	12760	9380	6280	5800	6940	17160	28160	31950	39460	39740	22710

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	268	158	134	128	149	205	460	560	642	659	634	418
MAX	356	223	176	163	249	576	988	644	761	759	756	557
(WY)	2001	2001	2001	2001	2004	2000	2000	2002	2000	2003	2003	2000
MIN	119	93.0	91.8	92.4	97.2	99.4	280	458	537	542	518	248
(WY)	2002	2002	2002	2002	2002	2002	2001	2005	2005	2001	2001	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	136141		120635			
ANNUAL MEAN	372		331		346	
HIGHEST ANNUAL MEAN					377	2003
LOWEST ANNUAL MEAN					324	2002
HIGHEST DAILY MEAN	777	Jun 26	724	Aug 7	1270	Apr 19 2000
LOWEST DAILY MEAN	99	Dec 25	96	Jan 29	83	Dec 25 2001
ANNUAL SEVEN-DAY MINIMUM	101	Dec 25	100	Jan 3	86	Dec 20 2001
ANNUAL RUNOFF (AC-FT)	270000		239300		250800	
10 PERCENT EXCEEDS	639		640		648	
50 PERCENT EXCEEDS	399		304		282	
90 PERCENT EXCEEDS	148		102		102	

13212996 DIVERSIONS FROM BOISE RIVER BETWEEN GAGING STATIONS AT GLENWOOD BRIDGE AND NEAR PARMA, ID

Between “at Glenwood Bridge” and “near Parma” gaging stations (published as “between at Boise and Notus gaging stations” prior to 1974, and “between at Boise and near Parma gaging stations”, 1974-82), 23 canals and several small farm laterals divert water from Boise River for irrigation.

Records of daily diversions for each canal beginning in 1916 are on file in office of the Idaho Department of Water Resources. Prior to October 1967 there was no record of October to March diversions.

Records show summation of discharge for the recorded diversions. Staff gages on canals are read daily or several times weekly, and discharge measurements are made weekly. Records provided by watermaster for Boise River.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1020	---	---	---	---	---	164	1270	1420	1620	1530	1280
2	1020	---	---	---	---	---	164	1280	1420	1610	1530	1260
3	1010	---	---	---	---	---	164	1280	1430	1600	1540	1250
4	1010	---	---	---	---	---	164	1260	1440	1600	1540	1240
5	1000	---	---	---	---	---	166	1230	1440	1570	1560	1230
6	1000	---	---	---	---	---	169	1210	1440	1600	1570	1230
7	996	---	---	---	---	---	209	1180	1440	1600	1570	1220
8	992	---	---	---	---	---	216	1160	1440	1580	1570	1210
9	988	---	---	---	---	---	222	1100	1460	1560	1540	1210
10	984	---	---	---	---	---	228	1080	1490	1540	1540	1200
11	964	---	---	---	---	---	438	1080	1540	1620	1540	1200
12	930	---	---	---	---	---	587	1080	1570	1600	1530	1190
13	897	---	---	---	---	---	634	1080	1590	1590	1530	1180
14	865	---	---	---	---	---	689	1080	1580	1580	1520	1170
15	717	---	---	---	---	---	734	1080	1580	1570	1510	1160
16	459	---	---	---	---	---	779	1080	1580	1560	1400	1150
17	427	---	---	---	---	---	846	1110	1580	1550	1380	1140
18	398	---	---	---	---	---	934	1150	1580	1540	1380	1130
19	379	---	---	---	---	---	972	1150	1580	1540	1380	1120
20	365	---	---	---	---	---	1010	1160	1580	1540	1380	1110
21	351	---	---	---	---	---	1050	1170	1660	1550	1380	1110
22	239	---	---	---	---	---	1070	1180	1640	1550	1370	1100
23	146	---	---	---	---	---	1090	1210	1650	1550	1370	1100
24	51	---	---	---	---	---	1100	1220	1650	1550	1360	1090
25	40	---	---	---	---	---	1120	1230	1660	1560	1360	1080
26	38	---	---	---	---	---	1130	1260	1670	1550	1360	1070
27	36	---	---	---	---	---	1190	1300	1680	1550	1350	1060
28	34	---	---	---	---	---	1210	1310	1690	1540	1350	1050
29	32	---	---	---	---	---	1230	1320	1680	1540	1350	1040
30	30	---	---	---	---	---	1250	1340	1630	1540	1320	1030
31	0.00	---	---	---	---	---	---	1400	---	1530	1280	---
TOTAL	17418.00	---	---	---	---	---	20929	37040	46790	48580	44890	34610
MEAN	562	---	---	---	---	---	698	1195	1560	1567	1448	1154
MAX	1020	---	---	---	---	---	1250	1400	1690	1620	1570	1280
MIN	0.00	---	---	---	---	---	164	1080	1420	1530	1280	1030
AC-FT	34550	---	---	---	---	---	41510	73470	92810	96360	89040	68650

BOISE RIVER BASIN

13213000 BOISE RIVER NEAR PARMA, ID

LOCATION.--Lat 43°46'54", long 116°58'22", (NAD83), in SE¼NE¼SE¼ sec.7, T.5 N., R.5 W., Canyon County, Parma quad., Hydrologic Unit 17050114, on left bank, at county road crossing, 1.2 mi west of Parma, and at mile 3.8.

DRAINAGE AREA.--3,970 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1938 to June 1939 (gage heights only), September 1971 to September 1997, October 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,196.49 ft above NGVD of 1929. March 1938 to June 1939, nonrecording gage 1.4 mi upstream at different datum.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,240 ft^3/s June 14, 1983, gage height, 13.83 ft; minimum, 60 ft^3/s Apr. 18, 19, 1987, gage height, 5.88 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 20, 1943, reached a discharge of about 20,000 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,750 ft^3/s May 10; minimum daily, 330 ft^3/s Apr. 11.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	853	937	803	766	768	757	450	398	648	856	499	644
2	862	1030	791	756	761	760	396	373	718	783	495	657
3	858	1100	790	756	763	755	380	391	698	730	532	664
4	877	1170	796	748	758	756	433	395	634	731	585	676
5	925	964	798	743	750	741	446	477	576	705	624	690
6	855	884	804	742	748	738	421	834	629	613	623	688
7	832	883	815	751	752	748	364	1420	672	499	651	704
8	854	891	818	752	749	739	389	1280	649	491	673	697
9	845	888	938	743	750	732	388	1360	610	502	637	694
10	847	883	942	737	746	738	363	1750	552	600	660	697
11	855	931	876	746	741	739	330	1460	489	685	674	755
12	877	905	848	741	745	735	423	1430	508	622	725	788
13	910	882	834	736	743	711	411	1360	545	563	801	767
14	837	865	817	735	746	711	487	1320	452	556	791	747
15	851	853	809	734	742	709	475	1290	430	580	810	726
16	954	867	804	740	738	656	497	1370	386	622	803	758
17	738	850	798	742	730	631	498	1670	416	579	738	873
18	780	835	792	750	730	608	510	1310	530	612	731	1000
19	794	832	791	751	741	597	412	1310	568	616	746	975
20	814	827	799	763	759	603	418	1310	564	553	732	950
21	820	828	793	776	769	582	528	1280	535	509	747	926
22	989	827	790	797	768	565	571	1250	474	496	798	891
23	1040	823	780	798	767	573	547	1180	449	460	756	878
24	1050	828	770	795	781	579	557	999	436	471	729	884
25	979	834	772	794	737	575	625	855	449	486	765	942
26	991	846	771	781	724	536	564	742	541	461	754	939
27	1000	823	770	790	746	524	449	627	595	458	772	925
28	992	808	764	801	748	577	396	575	1070	474	817	881
29	1010	803	770	806	---	569	420	522	981	461	808	861
30	978	818	781	763	---	591	424	640	904	501	675	844
31	996	---	768	768	---	519	---	586	---	487	629	---
TOTAL	27863	26515	24992	23601	21000	20354	13572	31764	17708	17762	21780	24121
MEAN	899	884	806	761	750	657	452	1025	590	573	703	804
MAX	1050	1170	942	806	781	760	625	1750	1070	856	817	1000
MIN	738	803	764	734	724	519	330	373	386	458	495	644
AC-FT	55270	52590	49570	46810	41650	40370	26920	63000	35120	35230	43200	47840

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	1078	1032	1093	1478	1936	2418	2816	2878	1997	969	785	983
MAX	2395	2322	2512	6882	7916	7466	6942	6762	6817	3098	1580	2587
(WY)	1985	1985	1984	1997	1997	1997	1986	1984	1983	1982	1983	1984
MIN	423	633	606	652	653	506	219	276	315	282	187	184
(WY)	1993	1993	1993	1993	1993	1992	1977	1992	1977	1992	1992	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	317833		271032			
ANNUAL MEAN	868		743		1618	
HIGHEST ANNUAL MEAN					3895	1983
LOWEST ANNUAL MEAN					459	1992
HIGHEST DAILY MEAN	1830	Feb 27	1750	May 10	9140	Jun 14 1983
LOWEST DAILY MEAN	367	Apr 5	330	Apr 11	66	Apr 18 1987
ANNUAL SEVEN-DAY MINIMUM	452	Mar 31	381	Apr 7	82	Apr 17 1987
ANNUAL RUNOFF (AC-FT)	630400		537600		1172000	
10 PERCENT EXCEEDS	1100		958		4750	
50 PERCENT EXCEEDS	844		748		900	
90 PERCENT EXCEEDS	637		474		495	

WATER-QUALITY RECORDS

PERIOD OF RECORD--Chemical analyses July 1969 to December 1972, December 1973 to September 1981, October 1986 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March to September 1973, November 1974 to March 1975, September 1975 to September 1976, October 1986 to September 1995, April to September 1997, October 1998 to September 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF RECORD.--
WATER TEMPERATURE: Maximum, 28.5 °C June 27-28, 1973; minimum, 0.0 °C on many days during winter months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instan-taneous dis-charge, cfs (00061)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Phos-phorus, water, unfltrd mg/L (00665)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)	Sus-pended sedi-ment concen-tration mg/L (80154)
OCT													
19...	1156	795	11.9	7.9	452	11.5	11.5	3.18	.33	68	270	3100	10
DEC													
14...	1112	801	10.8	8.0	498	6.5	7.8	3.96	.42	76	100	860	12
FEB													
15...	1210	755	13.6	8.2	500	1.0	5.6	3.97	.46	61	65	700	21
APR													
06...	1142	432	11.5	8.1	468	14.5	10.8	3.37	.47	240	230	>2400	21
MAY													
02...	1330	376	10.3	7.7	434	18.0	15.9	--	.41	520	--	5500	--
06...	1050	--	--	--	--	--	--	--	--	--	--	--	238
09...	1155	--	--	--	--	--	--	--	--	--	--	--	124
10...	1045	--	--	--	--	--	--	--	--	--	--	--	218
16...	1332	1360	8.3	7.5	297	12.0	14.3	2.08	.36	580	--	>24000	119
23...	1420	--	--	--	--	--	--	--	--	170	--	5200	79
31...	1242	555	9.3	7.7	371	22.0	18.5	2.36	.36	190	--	6500	53
JUN													
06...	1040	633	--	--	--	--	--	--	--	160	--	--	--
13...	1145	579	9.8	7.9	390	20.5	16.3	2.21	.34	99	--	1500	43
JUL													
18...	1232	628	8.7	7.8	351	29.5	20.7	2.12	.41	100	--	9200	65
31...	1050	505	7.6	8.0	383	28.0	21.9	--	.37	51	--	16000	39
AUG													
15...	1137	--	8.7	7.9	330	23.0	19.0	1.87	.36	130	--	15000	72
29...	0930	830	7.5	7.8	335	23.5	18.9	--	.32	100	--	12000	56
SEP													
12...	1332	801	11.6	8.3	376	17.0	5.9	2.11	.30	54	--	4600	26

> Greater than.

SNAKE RIVER MAIN STEM

13213100 SNAKE RIVER AT NYSSA, OR

LOCATION.--Lat 43°52'34", long 116°58'57", (NAD83), in NW¼SW¼NE¼ sec.7, T.6 N., R.5 W., Canyon County, Nyssa quad., Hydrologic Unit 17050115, on right bank, 300 ft upstream from U.S. Highway 20-26 bridge at Nyssa, Oregon, 2.3 mi downstream from Boise River, and at mile 385.2.

DRAINAGE AREA.--58,700 mi^2, approximately.

PERIOD OF RECORD.--November 1974 to September 1986, February 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,170 ft above NGVD of 1929, from topographic map. Prior to 1989, station located on left bank, in Oregon.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by many reservoirs above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 57,900 ft^3/s Apr. 19, 1984, gage height, 13.34 ft; minimum, 4,110 ft^3/s June 7, 1992, gage height, 4.32 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 15,900 ft^3/s May 19; minimum daily, 5,190 ft^3/s June 24.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8450	8700	8290	8090	8060	7820	7460	7730	8650	8330	7030	5640
2	8500	8770	8200	7940	8010	7450	7120	8040	9070	8340	6690	6410
3	8720	9280	7870	7490	7660	7760	6870	7560	9230	7360	6670	6640
4	8130	8580	7850	7520	7760	7550	6780	7300	8930	7230	6950	6530
5	8420	8520	8280	7500	7410	7670	6790	6950	8800	7320	6620	6660
6	8180	8440	8210	7890	7350	7540	6810	8100	8360	7010	6630	6810
7	8530	8450	7720	7660	7780	7680	6560	9340	8070	7040	6660	6930
8	8340	8690	7890	7920	7540	8120	6620	9520	7460	6450	6740	6960
9	8780	8070	8640	7740	7630	7360	6660	9680	7810	6620	6860	6790
10	8260	8600	8750	7340	7360	7540	6340	10500	7390	6520	6390	6790
11	8150	8730	8510	7790	7830	7460	6660	10600	6870	6520	6210	7140
12	8910	8360	8660	7630	7700	7710	6580	11200	6620	7100	6220	7560
13	8870	8680	8270	7620	7480	7740	6660	10800	6260	7010	6190	7240
14	8570	8740	8390	7770	7650	7800	6400	11100	5910	6780	6270	7640
15	8590	8270	8370	7110	7750	7450	6730	11300	5600	6060	6400	7870
16	8800	8360	7890	7840	7530	7250	6330	10500	5760	6710	6190	7800
17	8370	8230	8170	7440	8110	7570	6260	11300	5820	6320	6080	7680
18	8390	8110	8190	7920	7690	7290	6550	12400	6110	6440	6510	7830
19	8860	8460	8060	7740	7110	7080	6300	15900	6400	6810	6400	8420
20	9090	8010	8070	7640	7190	7250	5980	15100	6420	6270	6840	8370
21	8640	7950	7660	7760	7680	7350	6820	13700	6180	6450	6980	8590
22	9270	8190	7910	7580	7620	7230	7500	13800	6150	6530	7050	8270
23	9070	8450	7950	7650	7880	7180	7580	12200	6180	6260	7020	8050
24	8980	8110	7740	7900	7920	7170	7970	11400	5190	6170	6500	8480
25	9330	8050	7660	7800	7590	7360	7620	11200	6050	6170	6390	8500
26	9200	8490	7990	7870	7740	8150	7400	10600	6670	6480	6590	8390
27	9810	8220	7870	7810	7470	7340	8300	9830	7320	6360	6760	8160
28	9240	8180	7550	7610	7930	7400	8240	9670	8050	6710	7030	8260
29	9260	8200	7750	8060	---	6930	7910	8540	8290	6890	6750	8610
30	8690	8030	7670	7640	---	6580	7700	8250	8160	6730	6120	8620
31	8850	---	8090	7560	---	6810	---	9530	---	6630	5340	---
TOTAL	271250	251920	250120	238830	214430	230590	209500	323640	213780	209620	203080	227640
MEAN	8750	8397	8068	7704	7658	7438	6983	10440	7126	6762	6551	7588
MAX	9810	9280	8750	8090	8110	8150	8300	15900	9230	8340	7050	8620
MIN	8130	7950	7550	7110	7110	6580	5980	6950	5190	6060	5340	5640
AC-FT	538000	499700	496100	473700	425300	457400	415500	641900	424000	415800	402800	451500

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	11860	12300	12730	13760	14670	16940	18990	18130	15440	8511	8460	10310
MAX	21360	24660	24320	30290	38580	40010	43970	49060	41100	16480	12620	17110
(WY)	1985	1985	1984	1984	1997	1986	1984	1984	1984	1983	1997	1997
MIN	7970	7973	8068	7704	7658	7438	6033	5367	5223	5352	5075	6664
(WY)	2004	2004	2005	2005	2005	2005	1992	1992	1992	2003	1992	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	2804740		2844400			
ANNUAL MEAN	7663		7793		13410	
HIGHEST ANNUAL MEAN					26260	1984
LOWEST ANNUAL MEAN					7365	1992
HIGHEST DAILY MEAN	10700	Feb 21	15900	May 19	57400	Apr 20 1984
LOWEST DAILY MEAN	5230	Jun 19	5190	Jun 24	4240	Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	5410	Jul 12	5980	Jun 13	4520	Jun 6 1992
ANNUAL RUNOFF (AC-FT)	5563000		5642000		9714000	
10 PERCENT EXCEEDS	9080		8920		24900	
50 PERCENT EXCEEDS	7940		7700		10200	
90 PERCENT EXCEEDS	5740		6400		6930	

MALHEUR RIVER BASIN

13233300 MALHEUR RIVER BELOW NEVADA DAM NEAR VALE, OR

LOCATION.--Lat 43°59'15", long 117°13'08", (NAD83), in NE¼SW¼ sec.21, T.18 S., R.45 E., Malheur County, Vale East quad., Hydrologic Unit 17050117, on right bank, 510 ft downstream from dam and headgates of Nevada Canal, and 1.5 mi northeast of Vale, Oregon.

DRAINAGE AREA.--3,880 mi^2, approximately.

PERIOD OF RECORD.--June 1926 to September 1934, October 1950 to September 1954, October 1993 to current year. Monthly discharge only for 1936-42, 1944-50, furnished by the State Engineer of Oregon, published in WSP 1317.

GAGE.--Water-stage recorder. Elevation of gage is 2,220 ft above NGVD of 1929, from topographic map. Prior to Nov. 17, 1930, at datum 1.00 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Station equipment includes satellite telemetry. Many diversions for irrigation above station. Since March 1930, Vale-Oregon Canal has diverted in sec.31 T.20 S., R.41 E., for irrigation above station and on Willow Creek, a tributary which enters partly above and partly below station. Gillerman-Frohman Canal diverts on left bank in sec.8, T.19 S., R.44 E., for irrigation above and below station. Nevada Canal diverts on right bank 300 ft above station for irrigation below station. Flow regulated by Warmsprings Reservoir and, since December 1935, by Beulah Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,530 ft^3/s Feb. 28, 1940, gage height, 8.88 ft; no flow at times some years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 24, 1957 reached a stage of 14.6 ft, discharge 21,000 ft^3/s. Flood of Mar. 19, 1993 reached a stage of 13.31 ft, discharge 16,000 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,070 ft^3/s May 8; minimum daily, 6.8 ft^3/s June 23.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	139	97	82	72	66	67	45	109	33	54	72
2	21	184	95	82	71	66	66	113	85	31	52	84
3	20	175	94	76	71	68	66	93	56	32	57	100
4	36	164	93	71	71	66	66	36	58	36	46	124
5	48	147	90	69	71	66	64	58	61	40	34	128
6	53	137	93	77	71	66	62	155	98	44	34	102
7	60	130	95	79	71	66	68	459	111	48	44	99
8	61	128	100	76	69	66	130	1070	72	33	52	110
9	60	126	103	76	67	64	157	777	49	34	44	118
10	57	125	100	78	66	63	165	1050	40	59	35	125
11	56	129	95	78	66	63	125	979	37	114	30	109
12	57	127	106	67	66	62	152	708	34	107	31	136
13	59	121	103	70	66	59	158	488	36	91	44	144
14	63	118	99	71	66	59	142	541	16	67	53	143
15	58	117	96	68	65	60	105	613	14	60	66	151
16	48	110	92	79	64	61	101	701	9.5	75	70	206
17	45	109	90	74	63	60	106	741	14	78	66	197
18	41	107	90	73	63	58	108	684	45	77	61	139
19	44	107	89	73	63	57	101	702	59	59	57	117
20	48	104	86	76	65	60	86	784	66	43	53	97
21	48	103	84	77	66	56	79	850	55	35	65	83
22	48	103	84	75	64	59	75	726	18	31	65	81
23	47	103	84	73	63	61	66	542	6.8	27	67	94
24	48	103	81	73	63	56	70	414	17	33	71	97
25	48	103	80	73	63	50	66	322	38	42	72	103
26	51	103	82	73	63	49	36	148	30	41	67	125
27	69	103	78	73	63	51	31	156	43	43	61	131
28	80	103	79	73	64	56	32	164	53	41	57	113
29	136	101	86	73	---	56	35	146	49	46	67	96
30	159	94	82	74	---	63	41	108	34	48	69	93
31	124	---	82	73	---	66	---	110	---	57	70	---
TOTAL	1810	3623	2808	2305	1856	1879	2626	14483	1413.3	1605	1714	3517
MEAN	58.4	121	90.6	74.4	66.3	60.6	87.5	467	47.1	51.8	55.3	117
MAX	159	184	106	82	72	68	165	1070	111	114	72	206
MIN	17	94	78	67	63	49	31	36	6.8	27	30	72
AC-FT	3590	7190	5570	4570	3680	3730	5210	28730	2800	3180	3400	6980

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

MEAN	131	130	128	254	383	490	456	264	130	89.0	88.2	124
MAX	228	175	314	1589	1322	1881	1695	988	541	179	220	300
(WY)	2000	2001	1997	1997	1997	1999	1999	1998	1998	1998	1999	1998
MIN	10.7	66.0	63.7	49.5	65.8	44.0	11.4	16.8	15.2	17.8	4.62	1.96
(WY)	2004	2004	2004	2004	2003	2003	2003	2003	2002	2002	2003	2003

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	36912.4		39639.3			
ANNUAL MEAN	101		109		221	
HIGHEST ANNUAL MEAN					535	1999
LOWEST ANNUAL MEAN					36.5	2003
HIGHEST DAILY MEAN	762	Mar 11	1070	May 8	6230	Jan 3 1997
LOWEST DAILY MEAN	1.4	Apr 29	6.8	Jun 23	0.32	Sep 30 2003
ANNUAL SEVEN-DAY MINIMUM	4.7	Apr 24	23	Jun 11	0.39	Sep 27 2003
ANNUAL RUNOFF (AC-FT)	73220		78620		160300	
10 PERCENT EXCEEDS	185		145		489	
50 PERCENT EXCEEDS	66		71		120	
90 PERCENT EXCEEDS	20		38		14	