

**Figure 19.** Schematic showing gaging stations in Snake River Basin between Snake River at Neeley and Snake River near Buhl.

## RAFT RIVER BASIN

## 13078000 RAFT RIVER ABOVE ONEMILE CREEK NEAR MALTA, ID

LOCATION.--Lat 42°03'49", long 113°27'05", (NAD83), in SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec.5, T.16 S., R.26 E., Cassia County, Chochecherry Canyon quad., Hydrologic Unit 17040210, U.S. Bureau of Land Management lands, on right bank 0.9 mi upstream from county road crossing, 0.2 mi upstream from Onemile Creek, and 17 mi southwest of Malta.

DRAINAGE AREA.--412 mi<sup>2</sup>. Mean elevation, 6,300 ft.

PERIOD OF RECORD.--September 1946 to December 1953, May 1955 to June 1971, published as "at Peterson Ranch, near Bridge"; October 1975 to May 1984, equivalent records (except for unusually heavy rainstorm runoff from Onemile Creek drainage), published as "below Onemile Creek" (sta 13078205), December 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,940 ft above NGVD of 1929, from topographic map. From October 1975 to May 1984, at site 0.9 mi downstream at different datum.

REMARKS.--Records fair. Diversions above station for irrigation of about 16,000 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,250 ft<sup>3</sup>/s Jan. 14, 1980, gage height, 8.20 ft, from rating curve extended above 70 ft<sup>3</sup>/s on basis of slope area measurement; no flow part of each day, Sept. 5, 6, 1988, May 5, Aug. 13, 14, Sept. 26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 399 ft<sup>3</sup>/s May 17; minimum daily, 1.7 ft<sup>3</sup>/s for many days in Oct. and Nov.

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	2.8	6.3	1.9	3.6	5.3	15	14	88	173	24	3.7	3.3
2	1.8	1.8	1.9	3.6	4.7	15	15	79	170	19	3.0	3.6
3	1.7	1.8	1.9	3.8	5.2	17	16	70	122	17	2.8	3.3
4	1.7	1.9	1.9	4.1	4.9	16	17	63	103	15	3.2	3.2
5	1.7	2.4	2.0	3.8	5.4	16	18	63	87	12	2.9	3.3
6	1.7	1.7	2.0	3.8	e5.2	15	17	69	110	11	2.6	3.5
7	1.8	2.6	2.0	3.9	e5.2	14	18	72	131	11	2.1	3.4
8	1.7	1.8	2.7	4.6	e5.2	14	18	97	126	11	2.1	3.4
9	1.9	1.8	6.3	4.5	e5.0	14	20	98	110	11	2.1	3.6
10	2.2	1.8	3.2	4.4	e4.8	15	20	117	90	11	2.3	3.7
11	3.4	1.8	3.3	4.7	5.5	15	20	115	78	11	1.9	4.2
12	2.4	1.7	15	e4.0	5.9	16	20	162	100	10	1.8	4.1
13	2.7	1.8	13	e3.7	8.4	16	21	139	87	10	2.2	4.2
14	1.8	1.8	9.0	e3.5	9.2	20	22	105	71	4.9	2.3	4.1
15	2.2	1.8	8.6	4.0	e8.5	19	25	88	63	4.4	2.4	3.8
16	2.1	1.7	7.0	4.1	e7.0	18	26	99	60	4.4	3.3	3.8
17	1.8	1.7	5.2	4.1	e5.0	17	24	399	56	4.8	3.1	3.8
18	2.3	1.7	4.5	4.2	e5.0	16	20	271	57	4.1	2.9	3.9
19	2.4	1.7	4.1	4.1	e7.0	15	24	198	53	4.4	3.0	4.0
20	3.5	1.8	4.3	4.3	e10	15	29	176	45	4.5	2.9	3.9
21	3.2	1.8	3.9	4.3	12	16	30	181	40	3.8	3.5	4.3
22	3.1	1.8	3.8	4.3	24	17	31	190	38	4.1	5.0	4.4
23	4.2	1.8	3.7	4.2	27	17	34	185	38	4.1	5.0	4.2
24	4.1	1.8	3.7	e4.0	21	19	35	176	42	3.6	2.6	4.1
25	5.2	1.9	e3.5	4.3	18	20	53	158	40	2.9	2.5	4.1
26	5.5	1.8	e3.5	4.4	17	18	87	149	38	2.5	2.7	4.1
27	5.9	1.9	e3.5	4.5	15	16	78	142	41	2.5	2.8	4.3
28	6.4	1.9	3.7	4.5	15	16	76	131	38	2.5	2.5	4.2
29	6.7	1.7	3.9	5.1	---	16	112	136	36	2.4	2.6	4.2
30	6.0	1.8	3.8	5.9	---	16	101	299	29	2.5	2.4	4.2
31	6.1	---	3.8	5.9	---	15	---	180	---	2.9	2.7	---
TOTAL	100.0	59.6	140.6	132.2	271.4	504	1041	4495	2272	238.3	86.9	116.2
MEAN	3.23	1.99	4.54	4.26	9.69	16.3	34.7	145	75.7	7.69	2.80	3.87
MAX	6.7	6.3	15	5.9	27	20	112	399	173	24	5.0	4.4
MIN	1.7	1.7	1.9	3.5	4.7	14	14	63	29	2.4	1.8	3.2
AC-FT	198	118	279	262	538	1000	2060	8920	4510	473	172	230

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

MEAN	8.03	10.1	11.2	16.4	22.7	26.7	37.0	45.0	33.1	8.35	6.28	6.15
MAX	19.9	25.2	27.8	99.7	82.5	100	146	152	147	36.1	16.3	13.3
(WY)	1987	1984	1984	1971	1986	1984	1984	1998	1983	1983	1983	1986
MIN	2.16	1.99	3.77	4.17	3.61	5.01	7.26	3.99	2.75	2.48	2.12	1.45
(WY)	1995	2005	1995	1993	1993	1961	1995	1994	2004	1994	1992	1992

## SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1947 - 2005
ANNUAL TOTAL	2122.20	9457.2	
ANNUAL MEAN	5.80	25.9	18.2
HIGHEST ANNUAL MEAN			47.9
LOWEST ANNUAL MEAN			5.14
HIGHEST DAILY MEAN	45	399	1210
LOWEST DAILY MEAN	0.32	1.7	0.11
ANNUAL SEVEN-DAY MINIMUM	0.65	1.7	0.33
ANNUAL RUNOFF (AC-FT)	4210	18760	13150
10 PERCENT EXCEEDS	15	88	37
50 PERCENT EXCEEDS	3.9	4.8	9.9
90 PERCENT EXCEEDS	1.7	1.9	4.0

e Estimated

## SNAKE RIVER MAIN STEM

## 13081500 SNAKE RIVER NEAR MINIDOKA, ID

LOCATION.--Lat 42°40'22", long 113°30'01", (NAD83), in SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec.2, T.9 S., R.25 E., Minidoka County, Lake Walcott West quad., Hydrologic Unit 17040209, on right bank 1 mi downstream from Minidoka Dam, 6 mi south of Minidoka, and at mile 673.5.

DRAINAGE AREA.--15,700 mi<sup>2</sup>, approximately, excluding indeterminate nontributary area on Snake River Plain.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 21, 1910 to current year. Monthly discharge only for some periods, published in WSP 1317. Published as "below Minidoka Dam, at Howell's Ferry", 1911. Records for August 1895 to Apr. 20, 1910, at site 6 mi downstream "at Montgomery Ferry near Minidoka" are not equivalent.

REVISED RECORDS.--WSP 1347: 1911.

GAGE.--Water-stage recorder. Datum of gage is 4,132.2 ft above NGVD of 1929 (river-profile survey). Prior to Apr. 21, 1910, nonrecording gage at site 6 mi downstream at different datum. Apr. 21, 1910 to Aug. 28, 1911, nonrecording gage at present site and datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Flow regulated by Lake Walcott (1906), American Falls Reservoir (1927), and other reservoirs, having a combined usable capacity of about 4,700,000 acre-ft. Diversions above station for irrigation of about 128,000 acres below and about 1,200,000 acres above station, of which about 304,000 acres are irrigated by withdrawals from ground water (1966 determination). Considerable water leaks into the Snake River Plain aquifer above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge (1910-26), 45,900 ft<sup>3</sup>/s June 21, 1918, gage height, 16.02 ft; minimum daily, 1,700 ft<sup>3</sup>/s Aug. 2, 1919.

Maximum discharge since regulation began in 1927, 42,900 ft<sup>3</sup>/s June 21, 1997, gage height, 15.49 ft; minimum, 37 ft<sup>3</sup>/s Jan. 28, 1962.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge of 47,500 ft<sup>3</sup>/s May 29, 30, 1897, at site 6 miles downstream at Montgomery Ferry near Minidoka, gage height, 12.6 ft (datum at that site).

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 10,600 ft<sup>3</sup>/s July 18, 23, 25; minimum daily, 395 ft<sup>3</sup>/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	3910	528	537	540	532	548	396	2880	5780	9450	9680	7350
2	3910	528	536	539	e530	546	395	3010	5890	9510	9640	7230
3	3910	530	534	557	520	548	396	3240	6090	9580	9360	7100
4	3910	533	535	526	528	536	514	3810	5920	9510	9020	7070
5	3180	524	537	e530	549	525	405	3900	5700	9550	8940	7140
6	2180	519	536	e530	536	532	440	3940	5710	9630	9030	7130
7	2110	524	547	e525	e530	540	429	3930	5840	9780	8930	7030
8	2030	526	547	e530	533	512	1190	3990	5810	9900	8840	6950
9	1790	539	547	e530	529	481	1230	4300	6010	10100	8730	6890
10	1750	526	525	e530	e530	491	1250	4490	6200	10000	8660	6800
11	1760	522	525	e530	e540	493	1240	4450	6310	10100	8700	6730
12	1790	533	524	e525	e550	683	874	3880	6570	10200	8720	6690
13	1740	537	521	e525	549	507	830	3160	6540	10100	8660	6400
14	1730	539	527	e520	556	502	1070	3010	6840	10100	8540	6270
15	714	548	529	e525	542	496	1440	3300	6990	10200	8180	6070
16	531	540	532	e530	547	464	1590	3690	7200	10400	8050	6070
17	527	541	528	e535	548	466	1610	3200	7490	10500	8110	5970
18	542	545	534	538	547	404	2230	2600	7680	10600	8060	5870
19	525	574	541	536	550	396	1960	2280	7710	10400	8040	5770
20	527	542	556	535	551	409	1460	2520	7720	10200	8030	5510
21	532	543	542	537	549	417	1410	3150	8140	10200	7940	5440
22	549	564	526	535	549	400	1400	3700	8500	10400	7860	5240
23	548	535	e530	535	549	410	1360	4270	8840	10600	7470	5080
24	547	544	e530	536	550	399	1420	5100	9140	10500	7300	4980
25	532	548	e530	537	549	418	1950	5180	9210	10600	7200	4970
26	533	607	526	535	548	406	2070	4350	9280	10400	7390	4900
27	538	539	542	537	547	414	2270	4400	9330	10300	7540	4950
28	543	544	541	537	548	439	2500	4780	9230	10000	7550	4840
29	556	537	542	541	---	419	2640	5420	9280	9700	7460	4850
30	538	533	538	546	---	563	2710	5390	9390	9720	7570	4760
31	543	---	534	544	---	429	---	5310	---	9710	7460	---
TOTAL	45025	16192	16579	16556	15191	14793	40679	120630	220340	311940	256660	182050
MEAN	1452	540	535	534	543	477	1356	3891	7345	10060	8279	6068
MAX	3910	607	556	557	556	683	2710	5420	9390	10600	9680	7350
MIN	525	519	521	520	520	396	395	2280	5700	9450	7200	4760
AC-FT	89310	32120	32880	32840	30130	29340	80690	239300	437000	618700	509100	361100

SNAKE RIVER MAIN STEM  
13081500 SNAKE RIVER NEAR MINIDOKA, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 1926, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5941	6683	6047	5740	6081	6342	8108	14000	16910	8233	4800	4732
MAX	10390	9138	7279	7226	7657	7790	11820	19940	30430	18490	8725	11820
(WY)	1913	1913	1918	1912	1911	1911	1914	1921	1918	1917	1912	1912
MIN	2154	4805	4350	3813	5014	4632	4599	4320	3371	2986	2067	2151
(WY)	1925	1920	1920	1925	1920	1920	1924	1924	1924	1919	1919	1919

SUMMARY STATISTICS

<sup>a</sup> WATER YEARS 1910 - 1926

ANNUAL MEAN	7841
HIGHEST ANNUAL MEAN	10830
LOWEST ANNUAL MEAN	4562
HIGHEST DAILY MEAN	45800
LOWEST DAILY MEAN	1700
ANNUAL SEVEN-DAY MINIMUM	1820
ANNUAL RUNOFF (AC-FT)	5681000
10 PERCENT EXCEEDS	14500
50 PERCENT EXCEEDS	6260
90 PERCENT EXCEEDS	3450

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2005, BY WATER YEAR (WY) (REGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3398	2981	3347	3774	3823	4266	7434	10970	11550	9550	8559	6182
MAX	11900	12620	11400	13250	18120	20020	22130	23390	32370	14670	11640	12870
(WY)	1985	1985	1984	1984	1997	1997	1971	1971	1997	1983	1997	1997
MIN	714	306	294	398	287	251	1015	3891	5959	5982	5192	2774
(WY)	1962	1962	1962	1967	1961	1961	1935	2005	1934	1934	1934	1977

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

<sup>b</sup> WATER YEARS 1927 - 2005

ANNUAL TOTAL	1229998	1256635	
ANNUAL MEAN	3361	3443	6331
HIGHEST ANNUAL MEAN			13020
LOWEST ANNUAL MEAN			3330
HIGHEST DAILY MEAN	8200	10600	42700
LOWEST DAILY MEAN	460	395	37
ANNUAL SEVEN-DAY MINIMUM	474	405	111
ANNUAL RUNOFF (AC-FT)	2440000	2493000	4586000
10 PERCENT EXCEEDS	7640	9300	11100
50 PERCENT EXCEEDS	2140	1360	6150
90 PERCENT EXCEEDS	487	524	911

a Prior to regulation by American Falls Dam.

b Since regulation by American Falls Dam.

e Estimated

SNAKE RIVER MAIN STEM

13081500 SNAKE RIVER NEAR MINIDOKA, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1989 to 1996, February to September 1998, April to September 2000, April to September 2005.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June to September 1993, June to September 1994, July to September 1996, February to September 1998, May to September 2000, April to September 2005.

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 24.0 °C Aug. 3-5, 1994; minimum, 0.0 °C many days during winter months.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.4 °C Aug. 7, 9.

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

Date	Time	Instan- taneous dis- charge, cfs (00061)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	pH, water, unfltrd std units (00400)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Turbdty white light, 90+/-30 det ang corrctd NTRU mg/L (63676)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	E coli, modif. m-TEC, col/ 100 mL (90902)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Nitrite + nitrate water fltrd, mg/L as N (00631)	
APR	13...	1245	685	504	8.6	11.5	9.2	19	10.9	111	S7	<.010	.53	<.016
MAY	19...	1000	2100	453	8.4	18.5	13.7	10	9.7	109	S5	.040	.24	.027
JUN	15...	1030	5920	462	8.6	19.0	15.9	2.4	8.5	101	S6	.020	.33	E.013
JUL	13...	1045	10100	446	8.5	28.0	21.6	2.1	7.3	97	S17	.021	.34	.052
AUG	15...	1015	7960	447	8.5	20.0	22.4	4.5	6.8	91	S13	.032	.54	.034
SEP	09...	0915	6890	446	8.7	24.0	19.2	6.4	7.9	100	S3	.011	.45	E.010

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent fltrd, mg/L (00932)	Potas- sium, water, fltrd, mg/L (00935)	Bicar- bonate, wat unf fixed end pt, mg/L (00440)	Carbon- ate, wat unf fixed end pt, mg/L (00445)	ANC, wat unf fixed end pt, mg/L as CaCO3 (00410)	Sulfate water, fltrd, mg/L (00945)	Chlor- ide, water, fltrd, mg/L (00940)	
APR	13...	<.006	.064	--	--	--	--	--	--	--	--	--	--	
MAY	19...	.011	.034	--	--	--	--	--	--	--	--	--	--	
JUN	15...	.025	.056	--	--	--	--	--	--	--	--	--	--	
JUL	13...	.054	.097	--	--	--	--	--	--	--	--	--	--	
AUG	15...	.090	.122	--	--	--	--	--	--	--	--	--	--	
SEP	09...	.066	.126	190	46.8	16.6	19.1	18	3.48	184	6	160	40.5	21.1

Date	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sus- pended sedi- ment concen- tration mg/L (80154)
APR	13...	--	--
MAY	19...	--	2
JUN	15...	--	19
JUL	13...	--	4
AUG	15...	--	8
SEP	09...	.7	26.1

< Less than.  
E Estimated.  
S Most probable value.

## SNAKE RIVER MAIN STEM

## 13081500 SNAKE RIVER NEAR MINIDOKA, ID--Continued

Temperature, water, degrees Celsius  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	12.4	10.5	16.3	15.6	18.7	17.9	22.6	21.8	19.6	18.9
2	---	---	13.0	11.3	16.2	15.7	18.5	17.8	22.3	22.0	19.4	18.9
3	---	---	12.2	10.8	16.2	15.6	18.9	18.4	22.3	21.9	19.4	18.9
4	---	---	12.4	10.8	16.5	15.8	19.3	18.9	22.7	22.0	19.1	18.6
5	8.4	5.4	12.8	11.9	16.6	16.0	19.6	19.0	23.0	22.4	19.0	18.6
6	8.2	6.3	13.4	12.3	16.3	15.9	20.1	19.3	23.3	22.8	19.2	18.6
7	8.0	7.2	12.8	12.4	15.9	15.5	19.6	19.0	23.4	22.9	19.3	18.7
8	7.9	6.9	13.7	12.4	15.7	15.2	20.5	19.6	23.1	22.8	19.3	18.8
9	8.0	6.8	13.3	12.8	15.5	15.0	20.5	19.3	23.4	22.8	19.3	18.7
10	7.9	6.7	12.9	12.4	15.4	14.9	20.6	20.0	22.9	22.6	18.7	18.2
11	8.2	7.0	12.7	12.3	15.4	14.8	21.4	20.5	22.9	22.6	18.2	17.8
12	8.6	7.0	12.7	12.2	15.3	14.7	21.9	21.1	22.8	22.5	17.9	17.4
13	9.2	7.4	13.9	12.0	15.3	14.8	21.9	20.6	22.5	22.1	17.4	17.0
14	8.6	7.2	14.8	12.7	15.8	14.9	20.9	20.3	22.3	21.9	17.1	16.8
15	9.9	7.7	14.2	13.2	16.0	15.5	---	---	22.1	21.8	17.1	16.6
16	10.6	8.6	13.7	12.1	16.5	15.8	21.6	21.1	21.8	21.5	16.9	16.4
17	10.3	8.6	13.4	11.8	16.4	16.0	21.9	21.4	21.6	21.2	16.5	16.2
18	9.0	8.3	13.5	12.7	16.6	16.0	21.9	21.5	21.2	21.0	16.3	15.9
19	8.8	7.7	14.4	13.3	17.2	16.3	21.9	21.5	---	---	16.4	15.7
20	8.8	7.6	14.5	12.7	17.5	16.9	21.9	21.5	21.4	20.8	16.3	15.9
21	10.4	8.0	13.9	12.3	18.1	17.4	22.6	21.4	21.7	20.9	16.4	15.9
22	10.8	8.6	15.2	13.5	18.3	17.8	22.9	22.3	21.7	21.0	16.6	15.9
23	10.2	9.5	14.7	13.4	18.2	17.9	22.5	21.7	21.3	20.9	16.4	15.8
24	9.8	9.4	14.9	14.2	18.4	18.0	22.6	22.0	20.9	20.4	16.0	15.5
25	10.4	9.0	15.6	14.4	18.5	18.2	22.3	21.9	20.4	20.1	15.7	15.2
26	10.5	8.9	16.4	14.8	18.5	17.8	22.1	21.6	20.4	19.9	15.4	14.8
27	11.2	9.3	16.9	15.7	18.9	18.5	22.0	21.6	20.4	19.9	15.4	15.0
28	11.2	9.2	17.4	16.3	18.7	18.4	21.9	21.4	20.4	19.8	15.5	14.8
29	11.4	9.6	17.0	16.1	18.4	18.1	21.6	21.4	20.4	19.9	15.3	14.7
30	11.5	9.8	16.8	16.1	18.5	18.0	21.6	21.4	19.9	19.5	15.2	14.6
31	---	---	16.6	15.8	---	---	22.0	21.3	19.8	19.2	---	---
MONTH	---	---	17.4	10.5	18.9	14.7	---	---	---	---	19.6	14.6

GOOSE CREEK BASIN

13082500 GOOSE CREEK ABOVE TRAPPER CREEK, NEAR OAKLEY, ID

LOCATION.--Lat 42°07'34", long 113°56'08", (NAD83), in sec.13, T.15 S., R.21 E., Cassia County, Oakley quad., Hydrologic Unit 17040211, on right bank 0.2 mi upstream from maximum flow line of Oakley Reservoir, 5 mi upstream from Trapper Creek, 5 mi south of Oakley Dam, 9 mi southwest of Oakley, and at mile 35.1.

DRAINAGE AREA.--633 mi<sup>2</sup>. Mean elevation, 6,030 ft.

PERIOD OF RECORD.--April 1911 to September 1916, March 1919 to current year. Monthly discharge only for some periods, published in WSP 1317.

REVISED RECORDS.--WSP 1567: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,770 ft above NGVD of 1929, by barometer. Prior to Aug. 29, 1912, at site 200 ft downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Decreed water rights are reported to apply to about 2,700 acres above station. Diversions for irrigation are made as flow permits to a major part of this acreage. Flow of artesian well, completed in 1935, enters below station. Pumps on four wells above and one below gage may occasionally discharge into the channel. Practically entire flow passing station is stored in Oakley Reservoir (see sta 13083500).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,240 ft<sup>3</sup>/s Feb. 11, 1962, gage height, 9.3 ft, determined from slope-area measurement of peak flow; no flow July 22 to Aug. 10, Aug. 22-30, 1934, Aug. 15 to Oct. 3, 1935, July 22 to Sept. 25, 1940, Sept. 14, 1947, July 30, Aug. 3 to Sept. 4, Sept. 10-26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 414 ft<sup>3</sup>/s May 20; minimum daily, 5.3 ft<sup>3</sup>/s Sept. 10.

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

Table with columns for DAY (1-31), MONTHS (OCT-SEP), and discharge values. Includes summary rows for TOTAL, MEAN, MAX, MIN, and AC-FT.

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

Table with columns for WY (1985, 1985, 1965, 1971, 1962, 1921, 1986, 1984, 1975, 1984, 1984, 1975, 1992, 1992, 1992) and statistics (MEAN, MAX, MIN).

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1911 - 2005

Summary statistics table for 2004 and 2005, including annual totals, means, and exceedance percentages.

e Estimated

GOOSE CREEK BASIN

13083000 TRAPPER CREEK NEAR OAKLEY, ID

LOCATION.--Lat 42°09'57", long 113°59'01", (NAD83), in NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.34, T.14 S., R.21 E., Cassia County, Oakley quad., Hydrologic Unit 17040211, on left bank 4 mi upstream from Oakley Dam, 7 mi southwest of Oakley, and at mile 3.0.

DRAINAGE AREA.--53.7 mi<sup>2</sup>. Mean elevation, 6,360 ft.

PERIOD OF RECORD.--May 1911 to September 1916, March 1919 to current year. Monthly discharge only for some periods, published in WSP 1317.

REVISED RECORDS.--WSP 1063: 1941, 1943. WSP 1567: Drainage area.

GAGE.--Water-stage recorder and broadcrested concrete weir. Elevation of gage is 4,820 ft above NGVD of 1929, by barometer. Prior to Sept. 1, 1912, water-stage recorder at approximately present site at different datum. Apr. 8, 1913 to Sept. 30, 1916, and Mar. 28, 1919 to Aug. 15, 1931, at site 1 mi upstream at different datum. Sept. 1, 1912 to Apr. 7, 1913, nonrecording gage at site 0.8 mi downstream at different datum.

REMARKS.--Records good. Small diversions above station for irrigation. Flow of artesian well, completed in 1936, enters above. Practically entire flow passing station is stored in Oakley Reservoir (see sta 13083500).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 292 ft<sup>3</sup>/s Aug. 17, 2004, gage height, 7.50 ft, during cloudburst, on basis of slope-area measurement (a higher flow may have occurred during cloudburst Aug. 15, 1931); maximum gage height, 8.64 ft, Jan. 31, 1995, affected by backwater from beaver dam; minimum daily, 0.90 ft<sup>3</sup>/s July 19, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 60 ft<sup>3</sup>/s Aug. 2, gage height, 5.80 ft, result of cloudburst; minimum, 4.9 ft<sup>3</sup>/s Nov. 29, gage height, 4.63 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	8.7	8.7	e7.5	8.9	10	10	11	22	25	12	9.0	7.9
2	8.4	8.7	e7.5	9.0	9.7	10	11	22	23	11	14	7.8
3	8.3	8.7	e7.0	8.9	9.9	10	11	22	22	11	13	7.7
4	9.4	8.7	e7.5	9.2	10	10	12	23	21	11	8.0	7.7
5	10	8.7	e8.0	9.2	10	10	11	23	20	11	7.8	7.8
6	8.6	8.7	e8.5	9.1	9.8	10	11	24	22	11	7.7	7.8
7	8.4	8.7	9.0	9.1	9.8	11	12	26	21	11	7.6	7.7
8	8.3	8.7	10	9.2	9.7	11	13	27	21	11	7.7	7.7
9	8.3	8.8	15	9.8	9.5	11	12	29	20	10	7.7	7.7
10	8.3	8.8	11	9.4	9.7	11	12	29	19	10	7.7	7.9
11	8.3	9.3	10	9.5	9.7	11	12	29	19	10	7.6	8.1
12	8.3	9.0	10	8.6	10	11	12	29	18	9.9	7.6	8.1
13	8.3	8.9	9.7	e8.0	9.9	11	13	28	18	9.7	7.7	8.1
14	8.3	8.8	9.5	e8.0	10	11	13	27	17	9.4	7.7	8.1
15	8.3	8.8	9.4	e7.5	9.6	11	13	27	17	9.7	7.7	8.1
16	8.4	8.8	9.2	e7.5	9.3	11	13	35	16	9.5	8.4	8.0
17	8.5	8.8	9.1	e8.5	9.6	11	13	43	16	9.3	8.7	8.0
18	8.9	8.7	9.0	9.4	9.9	11	14	42	16	9.3	8.8	8.1
19	8.7	8.7	9.1	9.7	10	11	14	42	16	9.2	8.3	8.1
20	9.2	8.6	9.1	10	10	11	15	40	15	9.1	8.1	8.1
21	8.9	8.5	8.6	10	10	11	14	39	14	9.0	7.9	8.0
22	8.9	8.5	8.8	9.8	10	11	14	37	14	9.1	7.9	8.1
23	9.0	8.8	8.1	9.8	10	13	15	36	14	9.4	8.0	8.1
24	9.1	8.7	9.1	9.8	10	12	16	34	13	9.0	7.9	8.0
25	8.9	8.9	9.1	9.7	10	11	19	31	13	8.8	7.8	8.1
26	8.9	8.8	9.0	9.8	10	11	18	29	14	8.8	7.8	8.1
27	8.9	8.7	9.0	9.9	10	11	20	28	13	8.8	7.7	8.2
28	9.3	8.6	8.9	10	10	11	23	28	13	8.7	7.8	8.3
29	8.9	7.5	9.3	10	---	11	23	27	13	8.7	7.7	8.3
30	8.9	e7.5	9.3	9.8	---	11	23	30	13	9.4	7.7	8.3
31	8.9	---	9.2	9.7	---	11	---	25	---	9.2	7.9	---
TOTAL	270.5	260.1	283.5	286.8	276.1	338	433	933	516	303.0	256.9	240.0
MEAN	8.73	8.67	9.15	9.25	9.86	10.9	14.4	30.1	17.2	9.77	8.29	8.00
MAX	10	9.3	15	10	10	13	23	43	25	12	14	8.3
MIN	8.3	7.5	7.0	7.5	9.3	10	11	22	13	8.7	7.6	7.7
AC-FT	537	516	562	569	548	670	859	1850	1020	601	510	476

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

MEAN	10.9	11.3	11.4	11.5	12.8	15.2	21.5	31.4	21.7	12.3	10.1	9.98
MAX	14.7	16.2	16.2	20.5	30.5	60.0	70.0	100	73.1	36.1	21.9	14.8
(WY)	1985	1985	1981	1943	1943	1921	1921	1984	1984	1984	1984	1921
MIN	8.01	7.80	7.62	6.00	8.00	9.66	10.6	9.20	6.35	3.95	6.45	6.80
(WY)	1931	1931	1912	1915	1915	1933	1934	1934	1994	1992	1991	1931

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1911 - 2005

ANNUAL TOTAL	4476.6	4396.9	
ANNUAL MEAN	12.2	12.0	15.0
HIGHEST ANNUAL MEAN			33.9
LOWEST ANNUAL MEAN			8.65
HIGHEST DAILY MEAN	26 Aug 17	43 May 17	150 May 15 1984
LOWEST DAILY MEAN	7.0 Dec 3	7.0 Dec 3	0.90 Jul 19 1992
ANNUAL SEVEN-DAY MINIMUM	7.5 Nov 29	7.5 Nov 29	0.97 Jul 14 1992
ANNUAL RUNOFF (AC-FT)	8880	8720	10880
10 PERCENT EXCEEDS	19	22	25
50 PERCENT EXCEEDS	11	9.7	12
90 PERCENT EXCEEDS	8.3	7.9	8.8

e Estimated



GOOSE CREEK BASIN

13083500 OAKLEY RESERVOIR NEAR OAKLEY, ID

LOCATION.--Lat 42°11'43", long 113°54'54", (NAD83), in sec.19, T.14 S., R.22 E., Cassia County, Oakley quad., Hydrologic Unit 17040211, just upstream from right abutment of Oakley Dam on Goose Creek, 4 mi southwest of Oakley, and at mile 29.9.

DRAINAGE AREA.--729 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1912 to current year.

REVISED RECORDS.--WSP 1567: Drainage area.

GAGE.--Nonrecording gage. Supplemental recording gage from May 17 to June 2, 1984. Elevation of gage is 4,630 ft, by barometer.

REMARKS.--Reservoir is formed by earthen dam constructed in 1911-13; storage began in 1911. Usable capacity, 77,400 acre-ft between gage heights 0.0 ft, bottom of diversion tunnel, and 138.4 ft, crest of spillway. Silt deposition at the dam has decreased storage capacity, affecting the reliability of the capacity table particularly at the lower elevations. Crest raised in May 1984 from 136.0 ft. Dead storage negligible. Water is used for irrigation of lands along Goose Creek in Oakley Canal Co. project. Figures given herein represent usable contents. Reservoir is known locally as Lower Goose Creek Reservoir.

COOPERATION.--Gage readings and capacity table furnished by Oakley Canal Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 75,600 acre-ft May 22, 1984, gage height, 137.0 ft; reservoir drained at close of irrigation season in 1915, 1919-20, 1926, 1933, 1950, 1959, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 45,300 acre-ft June 20, gage height, 106.7 ft; minimum contents, 4,250 acre-ft Oct. 4.

Reservoir storage, acre feet  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5540	7500	10000	---	14600	18500	---	---	---	33700	---
2	---	---	---	---	12100	---	---	24700	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	4250	---	---	---	---	---	---	---	---	42200	---	---
5	---	---	---	---	---	---	---	---	---	---	---	25900
6	---	---	---	---	---	---	---	---	43400	41400	---	---
7	---	---	---	---	---	---	---	---	---	---	---	25300
8	---	---	---	---	---	---	---	---	---	---	32200	---
9	---	---	---	---	---	---	---	27800	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	10700	---	---	---	---	---	39800	---	---
12	---	---	---	---	---	---	19800	---	---	---	---	24200
13	4410	---	---	---	---	---	---	---	45200	---	---	---
14	---	---	---	---	13000	16200	---	---	---	---	---	---
15	---	6550	8810	---	---	---	20100	---	---	---	---	---
16	---	---	---	---	---	---	---	32500	---	---	30300	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	37400	---	---
19	---	---	---	---	---	---	---	---	---	---	---	23100
20	---	---	---	---	---	---	---	---	45300	---	---	---
21	---	---	9280	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	29000	---
23	---	---	---	---	---	---	---	38100	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	21700	---	---	35800	---	---
26	---	---	---	---	---	---	---	---	---	---	---	22200
27	---	---	---	---	---	---	---	---	43900	---	---	---
28	---	---	---	---	e14500	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	27500	---
30	---	e7440	---	---	---	---	e23800	41400	e43200	---	---	e21900
31	e5480	---	e9930	e12000	---	e18400	---	e41700	---	e34000	e27000	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
†	990	1960	2490	2070	2500	3900	5400	17900	1500	-9200	-7000	-5100

CAL YR 2004 † 3300  
WTR YR 2005 † 17400

† Change in contents, in acre-feet.  
e Estimated

SNAKE RIVER BASIN

13087505 LOWER MILNER POWER PLANT AT MILNER, ID

LOCATION.--Lat 42°31'29", long 114°01'46", (NAD27), in NE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec.30, T.10 S., R.21 E., Twin Falls County, Milner quad., Hydrologic Unit 17040212, 1.1 mi below Milner Dam.

PERIOD OF RECORD.--November 1992 to current year.

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

COOPERATION.--Discharge records furnished by Idaho Power and reviewed by U.S. Geological Survey beginning October 2003.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,680 ft<sup>3</sup>/s May 2, 1999; no flow for many days.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,330 ft<sup>3</sup>/s June 23; 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	156	467	411	390	475	89	0.00	0.00	1310	943	0.00
2	0.00	173	467	411	389	475	0.00	0.00	0.00	1310	851	0.00
3	0.00	172	466	410	390	478	0.00	0.00	0.00	1310	746	0.00
4	0.00	173	467	419	392	478	0.00	0.00	0.00	1310	642	0.00
5	0.00	173	467	478	393	475	0.00	0.00	0.00	1310	532	0.00
6	0.00	173	408	423	421	462	0.00	0.00	0.00	1310	413	0.00
7	0.00	173	355	424	438	420	0.00	0.00	0.00	1310	287	0.00
8	0.00	239	429	423	438	408	0.00	0.00	0.00	1310	201	0.00
9	0.00	279	498	422	440	407	0.00	0.00	0.00	1300	44	0.00
10	0.00	279	515	425	440	407	0.00	0.00	0.00	1300	0.00	0.00
11	0.00	279	517	425	442	407	0.00	0.00	0.00	1300	0.00	0.00
12	0.00	279	518	468	438	408	0.00	0.00	0.00	1310	0.00	0.00
13	0.00	278	519	495	438	409	0.00	0.00	0.00	1300	0.00	0.00
14	0.00	278	519	500	438	408	0.00	0.00	0.00	1300	0.00	0.00
15	0.00	337	505	502	437	407	0.00	0.00	0.00	1300	0.00	0.00
16	0.00	392	497	500	437	373	0.00	0.00	0.00	1300	0.00	0.00
17	0.00	412	499	484	439	308	0.00	0.00	0.00	1310	0.00	0.00
18	0.00	420	494	469	438	280	0.00	0.00	0.00	1300	0.00	0.00
19	0.00	421	496	469	437	262	23	0.00	0.00	1310	0.00	0.00
20	0.00	422	442	471	437	229	679	0.00	140	1290	0.00	0.00
21	0.00	422	412	470	437	216	226	0.00	655	1310	0.00	0.00
22	0.00	452	409	470	484	217	0.00	0.00	1170	1310	0.00	0.00
23	0.00	484	407	468	479	217	0.00	0.00	1330	1310	0.00	0.00
24	0.00	499	408	421	479	219	0.00	0.00	1310	1300	0.00	0.00
25	251	472	408	391	480	217	0.00	0.00	1320	1300	0.00	0.00
26	324	440	409	392	479	214	0.00	0.00	1320	1300	0.00	0.00
27	200	447	411	389	476	214	0.00	0.00	1310	1300	0.00	0.00
28	146	449	411	389	476	213	0.00	0.00	1310	1300	0.00	0.00
29	146	459	411	389	---	211	0.00	0.00	1310	1240	0.00	0.00
30	145	466	411	388	---	212	0.00	0.00	1310	1120	0.00	0.00
31	145	---	411	391	---	214	---	0.00	---	1020	0.00	---
TOTAL	1357.00	10098	14053	13587	12302	10340	1017.00	0.00	12485.00	39910	4659.00	0.00
MEAN	43.8	337	453	438	439	334	33.9	0.00	416	1287	150	0.00
MAX	324	499	519	502	484	478	679	0.00	1330	1310	943	0.00
MIN	0.00	156	355	388	389	211	0.00	0.00	0.00	1020	0.00	0.00
AC-FT	2690	20030	27870	26950	24400	20510	2020	0.00	24760	79160	9240	0.00
CAL YR 2004	TOTAL	59054.00	MEAN	161	MAX	519	MIN	0.00	AC-FT	117100		
WTR YR 2005	TOTAL	119808.00	MEAN	328	MAX	1330	MIN	0.00	AC-FT	237600		

## SNAKE RIVER BASIN

## 13087900 MILNER LAKE AT MILNER DAM, ID

LOCATION.--Lat 42°31'23", long 114°00'48", (NAD83), in SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec.29, T.10 S., R.21 E., Twin Falls County, Milner quad., Hydrologic Unit 17040209, near left end of Milner Dam on Snake River at Milner, at mile 639.1.

DRAINAGE AREA.--17,180 mi<sup>2</sup>, approximately, excluding indeterminate nontributary area on Snake River Plain.

PERIOD OF RECORD.--October 1974 to current year. Prior to October 1989, published as "Lake Milner."

GAGE.--Water-stage recorder. Datum of gage is 4,122.51 ft above NGVD of 1929. October 1974 to May 1978, nonrecording gage at same site and datum.

REMARKS.--Station equipment includes satellite telemetry. Reservoir is formed by a concrete gravity dam constructed in 1904 with first diversions in 1905. The dam is primarily a diversion dam. Capacity is a function of the riverflow and the lake elevation at the dam. No precise limits on capacity can be set, but computations indicate 50,200 acre-ft of usable storage at a lake gage of 11.5 ft and a riverflow of 30,000 ft<sup>3</sup>/s, and 11,200 acre-ft at a gage of 1.5 ft and a riverflow of 500 ft<sup>3</sup>/s. The capacity table was revised in 1984 and extended in 2001. Dead storage is 8,000 acre-ft. Water is used for irrigation by canals diverting at the dam and by pumps from the reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 54,500 acre-ft June 25, 1997; maximum gage height, 11.55 ft, Apr. 2, 1999; minimum contents, 10,800 acre-ft Dec. 15, 1988, Mar. 3, 1992; minimum gage height, 1.24 ft, Dec. 26, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 38,600 acre-ft July 26; maximum gage height, 11.32 ft, May 26; minimum contents, 24,200 acre-ft Oct. 20; minimum gage height, 7.87 ft, Oct. 21.

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	34600	28900	33400	33300	33500	33500	33300	35100	34300	37000	37800	36700
2	34700	29300	33300	33400	33500	33300	33600	35200	34900	37100	38100	36500
3	34700	29700	33300	33500	33600	33300	33600	34700	35600	37500	38100	36100
4	34700	30200	33300	33500	33600	33300	32700	35300	36000	37600	37600	35800
5	35000	30600	33200	33500	33600	33200	33700	35500	35600	37700	37000	36000
6	34500	31100	33200	33500	33600	33000	33800	35400	35500	37700	37100	36100
7	34300	31500	33500	33500	33500	32600	32500	34400	34900	37800	37100	36000
8	34100	31800	33700	33700	33500	32800	34000	34100	34700	38000	37100	35700
9	33400	32100	33800	33700	33500	32600	33400	34400	34700	37700	36700	34300
10	33400	32300	33700	33800	33500	32800	35000	34100	34900	37700	36700	35100
11	33200	32600	33600	33700	33500	32700	35200	35900	35300	37900	36600	35000
12	33100	32900	34000	33600	33500	33100	34200	36300	34900	38300	36900	35300
13	32800	33000	33400	33500	33500	32800	33200	35500	35300	38200	37200	35300
14	32600	33600	32700	33400	33500	32400	33700	34400	35600	38100	37300	35300
15	30700	33800	33100	33200	33600	32300	34000	33700	35900	38100	36900	35300
16	28400	33600	33100	33100	33600	31700	34300	33700	35500	37900	36200	34700
17	26200	33800	32900	33000	33600	32100	33800	34700	35900	38100	36100	35300
18	25400	32500	32900	33000	33600	32200	35300	34700	36600	38400	36100	35400
19	25100	33400	32500	33000	33700	31900	35800	33700	36900	38400	36200	35500
20	24200	33500	32500	32900	33700	32200	35000	32400	36800	38000	36700	35500
21	24400	33800	32600	32900	33800	32500	34800	32900	36700	37900	37000	35600
22	24800	33800	33200	32800	33700	32700	34700	32200	36300	38000	37100	35600
23	25000	33500	32800	32800	33700	32100	34400	33800	36100	38300	36700	34800
24	25400	33500	32900	32800	33600	32800	33700	35300	36600	38500	35900	35100
25	25500	32600	32900	32800	33600	32400	34100	36800	36500	38300	35200	34900
26	26000	33600	33000	32900	33500	32700	34300	35800	36900	38600	35200	34700
27	26000	33200	33000	33000	33500	32800	34900	34900	37300	38400	35600	34600
28	26000	33500	33200	33000	33400	32700	34700	34300	36500	37900	36300	34800
29	27200	33500	33100	33200	---	31900	34600	34700	36400	37200	35600	35200
30	27200	33400	33200	33300	---	32800	34900	35200	36600	37100	36300	35500
31	28200	---	33300	33400	---	33300	---	34900	---	37500	36600	---
MAX	35000	33800	34000	33800	33800	33500	35800	36800	37300	38600	38100	36700
MIN	24200	28900	32500	32800	33400	31700	32500	32200	34300	37000	35200	34300
†	9.27	10.77	10.73	10.76	10.77	10.75	10.90	10.62	10.54	10.77	10.91	10.87
‡	-6200	-5200	-100	100	0	-100	1600	0	1700	900	-900	-1100
CAL YR 2004	MAX 37500	MIN 24200	‡ -200									
WTR YR 2005	MAX 38600	MIN 24200	‡ 1100									

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

## SNAKE RIVER MAIN STEM

## 13087995 SNAKE RIVER GAGING STATION AT MILNER, ID

LOCATION.--Lat 42°31'41", long 114°01'06", (NAD83), in SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.29, T.10 S., R.21 E., Twin Falls County, Milner quad., Hydrologic Unit 17040212, on left bank 200 ft downstream from highway bridge at Milner, 0.4 mi downstream from Milner Dam, and at mile 638.7.

DRAINAGE AREA.--20,700 mi<sup>2</sup>, approximately. Mean elevation 6,230 ft.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,062.9 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good except for discharges of 10 ft<sup>3</sup>/s or less, which are fair. Station equipment includes satellite telemetry. Flow regulated by American Falls Reservoir, Lake Walcott, Milner Lake, and other reservoirs having a combined usable capacity of about 4,700,000 acre-ft. The flow at this site represents discharge to Snake River passing through Milner Dam. Former station number for this gaging station, 13088000, represents combined flow to Snake River from this site and from 13087505 Lower Milner Power Plant, which began operation November 1992. Considerable water leaks into the Snake River Plain aquifer above station. Diversions above station for irrigation of about 1,990,000 acres, of which about 504,000 acres are irrigated by withdrawals from ground water, and about 436,000 acres are irrigated below station. Return flow in large part enters Snake River between Milner and King Hill stations. Prior to 1993 water year, at times, practically entire flow was diverted during irrigation season.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26,300 ft<sup>3</sup>/s June 22, 1997, gage height, 21.14 ft; minimum daily, 0.18 ft<sup>3</sup>/s Sept. 9, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,700 ft<sup>3</sup>/s June 19, gage height, 8.44 ft; minimum daily, 0.21 ft<sup>3</sup>/s Oct. 20.

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	3.0	230	223	225	227	228	223	227	233	231	228	0.51
2	3.1	219	223	225	226	228	222	227	232	231	231	0.51
3	3.2	220	223	225	226	228	223	227	232	231	228	0.49
4	3.1	220	223	225	226	228	225	228	231	231	227	0.46
5	2.9	237	223	226	226	228	224	229	232	230	225	0.48
6	2.3	220	222	226	226	228	223	228	232	238	231	0.46
7	2.2	220	222	225	226	227	223	229	231	233	225	0.46
8	2.2	220	224	225	226	226	225	228	230	232	214	0.42
9	1.7	220	223	225	226	226	225	228	229	233	282	0.40
10	0.48	220	223	225	226	226	225	229	228	233	249	0.41
11	0.34	221	223	226	226	226	225	230	229	239	229	0.38
12	0.27	221	223	226	227	226	225	230	229	233	226	0.36
13	0.24	222	223	225	227	225	226	230	227	230	224	0.34
14	0.24	222	226	225	228	226	227	228	227	232	225	0.35
15	0.25	222	223	225	227	226	226	228	227	229	225	0.35
16	0.27	222	224	225	227	225	226	231	227	231	227	0.35
17	0.27	222	225	225	227	225	226	230	228	230	225	0.36
18	0.26	222	225	225	226	225	228	230	227	229	225	0.38
19	0.23	222	225	225	227	225	229	230	324	229	224	0.37
20	0.21	223	225	225	228	226	230	230	271	229	223	0.36
21	187	223	225	225	228	225	230	230	221	228	223	0.39
22	295	223	225	225	228	225	229	231	229	229	226	0.40
23	257	222	224	225	228	226	228	232	223	229	120	0.40
24	220	222	224	225	228	226	229	233	225	229	0.53	0.37
25	220	222	224	225	228	225	229	233	227	229	0.52	0.39
26	220	222	223	225	228	224	227	235	230	231	0.50	0.38
27	221	223	223	225	227	223	227	234	239	229	0.50	0.40
28	222	223	223	225	228	223	228	234	234	228	0.49	0.38
29	224	223	224	226	---	225	228	235	233	231	0.52	0.36
30	228	223	225	226	---	224	228	235	232	229	0.51	0.36
31	227	---	225	226	---	224	---	233	---	228	0.53	---
TOTAL	2547.76	6671	6936	6982	6354	6998	6789	7142	7019	7154	5166.10	12.03
MEAN	82.2	222	224	225	227	226	226	230	234	231	167	0.40
MAX	295	237	226	226	228	228	230	235	324	239	282	0.51
MIN	0.21	219	222	225	226	223	222	227	221	228	0.49	0.34
AC-FT	5050	13230	13760	13850	12600	13880	13470	14170	13920	14190	10250	24
CAL YR 2004	TOTAL 54018.40	MEAN 148	MAX 295	MIN 0.18	AC-FT 107100							
WTR YR 2005	TOTAL 69770.89	MEAN 191	MAX 324	MIN 0.21	AC-FT 138400							

## SNAKE RIVER MAIN STEM

13087995 SNAKE RIVER GAGING STATION AT MILNER, ID--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1965 May 1986, November 1990 to September 1991, October 1992 to September 1993, June 1994 to September 1995, March 1996 to September 1997, April to September 1999, April to September 2001, April to September 2005 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September 1999, May to September 2001 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.0 °C July 3, 2001;

REMARKS.--Prior to November 1994, published as "13088000 Snake River at Milner, ID".

See water-discharge records remarks.

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Turbidity, white light, det ang 90+/-30 corrctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	E coli, modif. m-TEC, water, col/100 mL (90902)	Ammonia, water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	
APR	14...	1045	228	458	8.9	5.0	8.6	19	10.8	106	34	<.010	1.4	<.016
MAY	18...	1100	230	447	8.5	16.0	14.8	15	9.0	104	38	.037	.38	.139
JUN	16...	1045	225	464	8.6	23.0	17.6	3.4	8.9	110	S2	.011	.69	.047
JUL	14...	1015	248	450	8.5	23.0	23.2	4.9	7.5	102	30	.013	.38	.069
AUG	15...	1545	223	454	8.7	31.0	22.6	9.3	8.6	116	21	<.010	.55	<.016
SEP	09...	1500	.40	443	8.2	29.0	20.2	<2.0	7.7	100	S1	.067	.52	.142

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, water, unfltrd, end pt, mg/L (00440)	Carbonate, water, unfltrd, end pt, mg/L (00445)	ANC, water, unfltrd, fixed end pt, mg/L as CaCO3 (00410)	Sulfate, water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	
APR	14...	<.006	.171	--	--	--	--	--	--	--	--	--	--	
MAY	18...	.025	.071	--	--	--	--	--	--	--	--	--	--	
JUN	16...	.025	.071	--	--	--	--	--	--	--	--	--	--	
JUL	14...	.054	.114	--	--	--	--	--	--	--	--	--	--	
AUG	15...	.074	.148	--	--	--	--	--	--	--	--	--	--	
SEP	09...	.069	.123	170	40.2	16.8	20.9	21	3.94	172	.0	145	40.3	23.2

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Suspended sediment concentration, mg/L (80154)	
APR	14...	--	--	21
MAY	18...	--	--	9
JUN	16...	--	--	5
JUL	14...	--	--	12
AUG	15...	--	--	12
SEP	09...	.8	21.1	4

< Less than.  
S Most probable value.

## SNAKE RIVER MAIN STEM

## 13088000 SNAKE RIVER AT MILNER, ID

(COMBINATION SNAKE RIVER AT MILNER GAGING STATION AND LOWER MILNER POWER PLANT AT MILNER)

LOCATION.--Lat 42°31'41", long 114°01'04", (NAD27), in SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.29, T.10 S., R.21 E., Twin Falls County, Milner quad., Hydrologic Unit 17040212, on left bank 200 ft downstream from highway bridge at Milner, 0.4 mi downstream from Milner Dam, and at mile 638.7.

DRAINAGE AREA.--17,180 mi<sup>2</sup>, approximately, excluding indeterminate nontributary area on Snake River Plain.

PERIOD OF RECORD.--May 1909 to current year. Monthly discharge only for some periods, published in WSP 1317.

REVISED RECORDS.--WSP 1347: 1909-12, 1915-16, 1942-44, 1946-48.

GAGE.--Water-stage recorder. Datum of gage is 4,062.9 ft above NGVD of 1929. Prior to May 28, 1919, nonrecording gages at slightly different sites and datums.

REMARKS.--Flow regulated by American Falls Reservoir, Lake Walcott, Milner Lake, and other reservoirs having a combined usable capacity of about 4,700,000 acre-ft. The flow at this site represents combined flow to Snake River from 13087995 Snake River Gaging Station at Milner and 13087505 Lower Milner Power Plant, which began operation November 1992. Considerable water leaks into the Snake River Plain aquifer above station. Diversions above station for irrigation of about 1,990,000 acres, of which about 504,000 acres are irrigated by withdrawals from ground water, and about 436,000 acres are irrigated below station. Return flow in large part enters Snake River between Milner and King Hill stations. Prior to 1993 water year, at times, practically entire flow was diverted during irrigation season.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge (1909-1926), 40,000 ft<sup>3</sup>/s June 21, 1918, gage height, 19.9 ft, site and datum then in use; minimum daily, 8.0 ft<sup>3</sup>/s Aug. 22, 1924.

Maximum daily discharge since regulation began in 1927, 31,200 ft<sup>3</sup>/s June 21, 1997; minimum daily, 0.18 ft<sup>3</sup>/s Sept. 9, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,550 ft<sup>3</sup>/s June 23, 25-27, July 6; minimum daily, 0.21 ft<sup>3</sup>/s Oct. 20.

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	3.0	386	690	636	617	703	312	227	233	1540	1170	0.51
2	3.1	392	690	636	615	703	222	227	232	1540	1080	0.51
3	3.2	392	689	635	616	706	223	227	232	1540	974	0.49
4	3.1	393	690	644	618	706	225	228	231	1540	869	0.46
5	2.9	410	690	704	619	703	224	229	232	1540	757	0.48
6	2.3	393	630	649	647	690	223	228	232	1550	644	0.46
7	2.2	393	577	649	664	647	223	229	231	1540	512	0.46
8	2.2	459	653	648	664	634	225	228	230	1540	415	0.42
9	1.7	499	721	647	666	633	225	228	229	1530	326	0.40
10	0.48	499	738	650	666	633	225	229	228	1530	249	0.41
11	0.34	500	740	651	668	633	225	230	229	1540	229	0.38
12	0.27	500	741	694	665	634	225	230	229	1540	226	0.36
13	0.24	500	742	720	665	634	226	230	227	1530	224	0.34
14	0.24	500	745	725	666	634	227	228	227	1530	225	0.35
15	0.25	559	728	727	664	633	226	228	227	1530	225	0.35
16	0.27	614	721	725	664	598	226	231	227	1530	227	0.35
17	0.27	634	724	709	666	533	226	230	228	1540	225	0.36
18	0.26	642	719	694	664	505	228	230	227	1530	225	0.38
19	0.23	643	721	694	664	487	252	230	324	1540	224	0.37
20	0.21	645	667	696	665	455	909	230	411	1520	223	0.36
21	187	645	637	695	665	441	456	230	876	1540	223	0.39
22	295	675	634	695	712	442	229	231	1400	1540	226	0.40
23	257	706	631	693	707	443	228	232	1550	1540	120	0.40
24	220	721	632	646	707	445	229	233	1540	1530	0.53	0.37
25	471	694	632	616	708	442	229	233	1550	1530	0.52	0.39
26	544	662	632	617	707	438	227	235	1550	1530	0.50	0.38
27	421	670	634	614	703	437	227	234	1550	1530	0.50	0.40
28	368	672	634	614	704	436	228	234	1540	1530	0.49	0.38
29	370	682	635	615	---	436	228	235	1540	1470	0.52	0.36
30	373	689	636	614	---	436	228	235	1540	1350	0.51	0.36
31	372	---	636	617	---	438	---	233	---	1250	0.53	---
TOTAL	3904.76	16769	20989	20569	18656	17338	7806	7142	19502	47060	9822.10	12.03
MEAN	126	559	677	664	666	559	260	230	650	1518	317	0.40
MAX	544	721	745	727	712	706	909	235	1550	1550	1170	0.51
MIN	0.21	386	577	614	615	436	222	227	227	1250	0.49	0.34
AC-FT	7750	33260	41630	40800	37000	34390	15480	14170	38680	93340	19480	24

SNAKE RIVER MAIN STEM

13088000 SNAKE RIVER AT MILNER, ID--Continued

(COMBINATION SNAKE RIVER AT MILNER GAGING STATION AND LOWER MILNER POWER PLANT AT MILNER)

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 1926, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4553	5806	4968	4620	5090	5336	6204	9891	12300	3849	743	1736
MAX	9500	8147	6978	5721	6306	10970	14650	17920	29230	15650	4899	8457
(WY)	1913	1913	1910	1910	1911	1910	1910	1910	1909	1909	1909	1912
MIN	9.45	3711	3326	2924	3737	3238	857	13.5	12.0	11.4	9.97	10.1
(WY)	1925	1920	1920	1917	1917	1920	1924	1924	1924	1915	1924	1924

SUMMARY STATISTICS

<sup>a</sup> WATER YEARS 1909 - 1926

ANNUAL MEAN	5206
HIGHEST ANNUAL MEAN	8042
LOWEST ANNUAL MEAN	2424
HIGHEST DAILY MEAN	39800
LOWEST DAILY MEAN	8.0
ANNUAL SEVEN-DAY MINIMUM	8.3
ANNUAL RUNOFF (AC-FT)	3772000
10 PERCENT EXCEEDS	11200
50 PERCENT EXCEEDS	4700
90 PERCENT EXCEEDS	16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2005, BY WATER YEAR (WY) (REGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	1661	2425	3042	3510	3579	3824	4709	3917	3873	872	444	524
MAX	9887	12660	11450	13960	18740	19930	19380	16770	23580	6069	3899	6778
(WY)	1985	1985	1984	1984	1997	1997	1971	1984	1997	1927	1997	1997
MIN	2.39	142	281	360	213	87.0	3.95	2.81	1.65	0.70	0.40	0.40
(WY)	1991	1935	1937	1938	1938	1934	1990	1990	1992	2004	2003	2005

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

<sup>b</sup> WATER YEARS 1927 - 2005

ANNUAL TOTAL	113072.40	189569.89	
ANNUAL MEAN	309	519	2690
HIGHEST ANNUAL MEAN			9432
LOWEST ANNUAL MEAN			156
HIGHEST DAILY MEAN	745	Dec 14	31200
LOWEST DAILY MEAN	0.18	Sep 9	0.18
ANNUAL SEVEN-DAY MINIMUM	0.24	Sep 4	0.24
ANNUAL RUNOFF (AC-FT)	224300	376000	1948000
10 PERCENT EXCEEDS	646	1490	8600
50 PERCENT EXCEEDS	236	459	703
90 PERCENT EXCEEDS	0.52	0.47	12

a Prior to regulation by American Falls Dam.

b Since regulation by American Falls Dam.

## DEVILS WASHBOWL SPRING BASIN

## 13089500 DEVILS WASHBOWL SPRING NEAR KIMBERLY, ID

LOCATION.--Lat 42°35'23", long 114°20'49", (NAD83), in SE<sup>1</sup>/<sub>4</sub> sec.4, T.10 S., R.18 E., Jerome County, Kimberly quad., Hydrologic Unit 17040212, on right bank, 400 ft downstream from Devils Washbowl Spring, 0.5 mi upstream from mouth, which is 0.5 mi upstream from the Twin Falls of the Snake River, and 3.5 mi north of Kimberly.

PERIOD OF RECORD.--April 1950 to September 1959; April 1985 to current year. Records for April 1950 to September 1959 may not be comparable due to changes in inflow.

REVISED RECORDS.--WDR-ID-2001-1; 2000.

GAGE.--Water-stage recorder. Elevation of gage is 3,540 ft above NGVD of 1929, from topographic map. Datum of gage prior to May 16, 1953 was 0.82 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Irrigation return bypass channel is located downstream from the gage on the right bank.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge (1950-59), 27.5 ft<sup>3</sup>/s Oct. 3, 4, 1951; minimum daily, 18 ft<sup>3</sup>/s Apr. 29, 1958.

Maximum daily discharge since 1985, 19 ft<sup>3</sup>/s Sept. 26, 1986, Sept. 21-24, 2000; minimum daily, 5.9 ft<sup>3</sup>/s May 2-4, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 13.0 ft<sup>3</sup>/s Oct. 7, Oct. 28 to Nov. 1; minimum daily, 5.9 ft<sup>3</sup>/s May 2-4.

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	10	e13	e11	e10	e9.0	7.2	7.0	6.1	8.4	7.0	8.7	9.8
2	10	e12	e11	e10	e9.0	7.4	7.0	5.9	8.4	6.8	8.7	10
3	10	e12	e11	e10	e9.0	7.2	7.0	5.9	8.9	6.8	8.7	10
4	10	e12	e11	e10	e9.0	7.0	6.4	5.9	9.2	6.7	8.7	10
5	10	e12	e11	e10	e9.0	7.0	6.4	6.0	9.2	6.6	8.9	10
6	11	e12	e11	e10	e9.0	7.0	6.8	6.4	9.2	6.8	8.8	11
7	13	e12	e11	e10	e8.5	6.8	6.9	6.5	9.7	6.9	8.7	11
8	12	e12	e11	e10	e8.5	7.0	6.4	6.4	9.7	7.2	9.0	11
9	11	e12	e11	e10	e8.5	7.3	6.4	6.5	9.1	7.3	9.2	11
10	11	e12	e11	e10	e8.5	7.4	6.4	6.0	9.2	7.6	9.0	11
11	11	e12	e11	e10	e8.5	7.1	6.4	6.8	9.3	7.2	9.2	11
12	11	e12	e11	e10	e8.5	7.0	6.1	6.3	9.2	7.1	9.2	11
13	11	e12	e11	e10	e8.5	7.1	6.4	6.2	9.4	7.2	9.2	11
14	11	e12	e11	e10	e8.0	7.0	6.5	6.0	9.2	7.2	9.2	11
15	11	e12	e11	e10	e8.0	7.3	6.4	6.3	9.2	7.3	9.2	11
16	11	e12	e11	e10	7.9	7.6	6.3	7.0	9.2	7.2	9.2	11
17	11	e12	e11	e10	7.6	7.6	6.2	6.8	9.2	7.1	9.2	11
18	12	e12	e11	e10	7.5	7.6	6.4	7.0	9.1	7.5	9.3	11
19	12	e12	e11	e10	7.5	7.6	7.2	7.0	8.7	7.5	9.8	11
20	12	e12	e11	e10	7.4	7.6	7.5	6.9	8.1	7.3	9.6	10
21	e12	e12	e11	e10	7.2	7.5	7.0	6.7	8.0	7.1	9.5	11
22	e12	e12	e11	e10	7.0	7.3	7.0	6.4	7.9	6.5	9.8	11
23	e12	e12	e11	e10	7.3	7.7	6.8	6.4	7.9	6.4	9.8	11
24	e12	e12	e11	e9.5	7.6	7.6	6.9	6.6	7.7	7.1	9.8	11
25	e12	e12	e10	e9.5	7.4	7.5	6.7	6.9	7.6	8.3	9.8	11
26	e12	e12	e10	e9.5	7.4	7.6	6.4	7.0	7.6	8.1	9.8	11
27	e12	e11	e10	e9.0	7.3	7.6	6.6	7.4	7.9	8.5	9.8	11
28	e13	e11	e10	e9.0	7.3	7.4	6.5	7.6	7.9	8.7	9.8	11
29	e13	e11	e10	e9.0	---	7.4	6.3	7.8	7.9	8.7	9.8	11
30	e13	e11	e10	e9.0	---	7.0	6.1	8.1	7.3	8.7	9.8	11
31	e13	---	e10	e9.0	---	7.0	---	8.1	---	8.7	9.8	---
TOTAL	357	357	334	303.5	225.9	226.4	198.4	206.9	259.3	229.1	289.0	323.8
MEAN	11.5	11.9	10.8	9.79	8.07	7.30	6.61	6.67	8.64	7.39	9.32	10.8
MAX	13	13	11	10	9.0	9.0	7.5	8.1	9.7	8.7	9.8	11
MIN	10	11	10	9.0	7.0	6.8	6.1	5.9	7.3	6.4	8.7	9.8
AC-FT	708	708	662	602	448	449	394	410	514	454	573	642



## DEVILS WASHBOWL SPRING BASIN

## 13089500 DEVILS WASHBOWL SPRING NEAR KIMBERLY, ID--Continued

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1959, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	24.7	24.1	22.7	22.2	21.9	21.2	20.6	20.1	21.1	21.9	23.0	24.3
MAX	25.9	26.1	24.6	24.0	23.2	22.2	22.0	21.8	22.8	25.2	24.9	25.8
(WY)	1953	1953	1958	1958	1958	1952	1954	1953	1954	1957	1957	1957
MIN	22.8	22.2	20.9	20.1	20.5	19.2	19.1	18.0	19.0	19.6	20.8	22.4
(WY)	1956	1957	1957	1956	1956	1957	1956	1958	1958	1959	1959	1959

## SUMMARY STATISTICS

<sup>a</sup> WATER YEARS 1950 - 1959

ANNUAL MEAN	22.3
HIGHEST ANNUAL MEAN	23.2
LOWEST ANNUAL MEAN	21.1
HIGHEST DAILY MEAN	28
LOWEST DAILY MEAN	18
ANNUAL SEVEN-DAY MINIMUM	18
ANNUAL RUNOFF (AC-FT)	16160
10 PERCENT EXCEEDS	25
50 PERCENT EXCEEDS	22
90 PERCENT EXCEEDS	20

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	14.8	14.4	13.4	12.4	11.6	11.5	11.6	11.2	12.0	12.5	13.5	14.3
MAX	17.5	17.8	16.9	16.2	13.9	14.1	14.1	13.8	15.2	16.7	16.7	17.9
(WY)	1987	2001	2000	2000	2000	1992	1986	1999	1999	1999	1999	1986
MIN	11.5	11.2	9.15	8.19	7.97	7.30	6.61	6.67	8.64	7.39	9.32	10.5
(WY)	2005	1995	1993	1993	1995	2005	2005	2005	2005	2005	2005	2004

## SUMMARY STATISTICS

## FOR 2004 CALENDAR YEAR

## FOR 2005 WATER YEAR

## WATER YEARS 1986 - 2005

ANNUAL TOTAL	3684.5	3310.3	
ANNUAL MEAN	10.1	9.07	12.8
HIGHEST ANNUAL MEAN			14.7
LOWEST ANNUAL MEAN			9.07
HIGHEST DAILY MEAN	13	Oct 7	19
LOWEST DAILY MEAN	7.6	Mar 26	5.9
ANNUAL SEVEN-DAY MINIMUM	7.7	Mar 23	6.0
ANNUAL RUNOFF (AC-FT)	7310	6570	9250
10 PERCENT EXCEEDS	12	12	16
50 PERCENT EXCEEDS	10	9.2	13
90 PERCENT EXCEEDS	8.2	6.6	9.9

<sup>a</sup> Statistics for this period may not be comparable due to changes in inflow.

<sup>e</sup> Estimated

SNAKE RIVER MAIN STEM

13090000 SNAKE RIVER NEAR KIMBERLY, ID

LOCATION.--Lat 42°35'27", long 114°21'37"(revised), (NAD83), in NE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.4, T.10 S., R.18 E., Twin Falls County, Kimberly quad., Hydrologic Unit 17040212, on left bank 1,200 ft downstream from Twin Falls powerplant, 2.4 mi upstream from Shoshone Falls, 4 mi north of Kimberly, and at mile 617.2.

DRAINAGE AREA.--22,340 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1923 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is 3,362.67 ft above NGVD of 1929 (levels by Idaho Power Co.). Prior to Aug. 31, 1938, at site 2,000 ft downstream at different datum.

REMARKS.--Flow regulated by American Falls Reservoir 96.5 mi upstream and other reservoirs having a combined usable capacity of 4,700,000 acre-ft. Diurnal fluctuation caused by hydroelectric powerplant 1,200 ft upstream. At times practically the entire flow is diverted at Milner during irrigation season; no diversions between Milner and Kimberly. Diversion above station for irrigation of about 2,020,000 acres, of which about 537,000 acres are irrigated by withdrawals from ground water and about 364,000 acres are irrigated below the station. Considerable water leaks into the Snake River Plain aquifer upstream, a small part of which returns through springs a few miles above station.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34,200 ft<sup>3</sup>/s June 21, 1997, gage height, 23.27 ft; minimum recorded, 10 ft<sup>3</sup>/s May 17, 1944, gage height, 1.15 ft; minimum daily recorded, 95 ft<sup>3</sup>/s Apr. 20, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,920 ft<sup>3</sup>/s July 22-27; minimum daily, 288 ft<sup>3</sup>/s Sept. 8.

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	344	642	919	840	802	875	613	406	451	1860	1530	322
2	343	658	916	836	796	875	475	416	450	1860	1460	328
3	333	663	922	835	797	874	375	412	454	1870	1340	324
4	335	661	919	837	796	874	401	422	452	1870	1240	327
5	340	663	919	911	800	872	410	413	452	1880	1110	328
6	333	673	919	851	802	872	402	443	457	1880	1030	331
7	321	659	826	832	843	844	397	430	442	1860	863	369
8	317	663	840	871	844	809	399	432	440	1870	812	288
9	341	749	952	848	849	808	401	441	433	1870	711	334
10	317	759	964	845	840	809	396	417	429	1890	623	341
11	296	766	967	853	839	808	404	465	438	1900	558	343
12	296	758	971	860	848	790	404	461	441	1880	555	347
13	302	756	963	912	850	811	404	429	446	1880	556	338
14	301	753	968	915	851	805	403	417	439	1880	554	335
15	303	781	962	922	841	803	402	422	443	1880	557	351
16	319	884	940	917	840	799	402	457	442	1900	561	346
17	308	809	932	914	838	754	404	438	444	1910	567	344
18	302	885	934	884	836	690	404	425	448	1910	573	355
19	309	883	932	880	847	683	423	423	452	1910	576	344
20	308	886	926	883	845	655	682	420	569	1910	571	340
21	302	883	851	887	848	626	1090	427	811	1910	563	343
22	418	886	844	883	853	616	499	419	1430	1920	577	342
23	811	934	842	879	887	645	429	423	1880	1920	572	340
24	859	945	839	871	874	623	429	421	1860	1920	486	338
25	864	967	841	821	877	620	430	423	1850	1920	381	334
26	895	901	841	790	876	617	426	429	1870	1920	370	334
27	779	906	843	805	875	619	435	427	1860	1920	350	337
28	667	907	838	803	876	620	434	424	1860	1910	343	334
29	651	903	845	808	---	625	423	438	1870	1880	338	329
30	648	921	840	803	---	618	416	454	1870	1780	330	333
31	646	---	844	799	---	611	---	432	---	1650	325	---
TOTAL	13908	24104	27859	26595	23570	22950	13612	13306	26183	58320	20982	10099
MEAN	449	803	899	858	842	740	454	429	873	1881	677	337
MAX	895	967	971	922	887	875	1090	465	1880	1920	1530	369
MIN	296	642	826	790	796	611	375	406	429	1650	325	288
AC-FT	27590	47810	55260	52750	46750	45520	27000	26390	51930	115700	41620	20030

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1924 - 2005, BY WATER YEAR (WY)

MEAN	2123	2893	3443	3877	3961	4118	4936	4249	4197	1297	866	983
MAX	10450	13240	12030	14850	18330	19430	18830	18230	24150	6573	4261	7039
(WY)	1985	1985	1984	1984	1997	1997	1971	1984	1997	1927	1997	1997
MIN	372	536	632	699	549	332	235	233	267	311	323	333
(WY)	2004	1935	1937	1938	1938	1991	2002	2002	2002	2004	2004	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	FOR WATER YEARS 1924 - 2005
ANNUAL TOTAL	209192	281488			
ANNUAL MEAN	572	771			3070
HIGHEST ANNUAL MEAN					10210
LOWEST ANNUAL MEAN					511
HIGHEST DAILY MEAN	971	Dec 12	1920	Jul 22	33500
LOWEST DAILY MEAN	269	Jun 27	288	Sep 8	95
ANNUAL SEVEN-DAY MINIMUM	273	Jun 22	304	Oct 11	195
ANNUAL RUNOFF (AC-FT)	4149000		5583000		22240000
10 PERCENT EXCEEDS	863		1850		8820
50 PERCENT EXCEEDS	493		753		1090
90 PERCENT EXCEEDS	304		338		403

## BLUE LAKES SPRING BASIN

## 13090999 BLUE LAKES SPRING BELOW PUMPING PLANT NEAR TWIN FALLS, ID

LOCATION.--Lat 42°36'53", long 114°28'06", (NAD83), in NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.28, T.9 S., R.17 E., Jerome County, Twin Falls quad., Hydrologic Unit 17040212, on left bank at outlet of upper Blue Lake, 1,000 ft downstream from head of spring, 0.6 mi upstream from mouth, 1.2 mi northwest of Perrine Memorial Bridge, 3.5 mi north of Twin Falls, and 610.5 mi upstream from mouth of Snake River.

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3,292 ft above NGVD of 1929.

REMARKS.--Records fair. Discharge record at this site represents flows remaining after diversion at head of spring for Twin Falls City water supply (Blue Lakes Spring Pumping Plant - station 13090998), which began July 1994. Combined flows of daily discharge continue to be published as 13091000 Blue Lakes Spring near Twin Falls, ID.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 188 ft<sup>3</sup>/s Oct. 29, 1998; minimum daily, 108 ft<sup>3</sup>/s July 14, 16, 2003, May 2, 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 177 ft<sup>3</sup>/s Nov. 9; minimum daily, 121 ft<sup>3</sup>/s July 20, 21.

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	154	174	170	173	168	158	155	145	144	129	136	148
2	154	169	169	170	167	158	154	151	143	128	131	148
3	155	169	171	169	165	159	152	145	139	132	125	148
4	156	172	168	165	165	158	154	147	141	143	127	153
5	156	173	167	167	165	157	154	145	139	133	126	163
6	156	176	167	166	165	156	154	145	147	125	126	150
7	156	174	169	166	165	155	151	147	145	128	126	149
8	155	173	164	e166	163	153	149	149	143	125	136	152
9	155	177	160	e165	164	154	154	147	140	128	132	149
10	158	175	160	e165	163	153	152	152	138	132	128	155
11	159	171	164	167	163	153	149	148	137	141	132	154
12	158	172	168	170	163	154	149	152	142	131	134	167
13	158	172	166	170	163	154	148	150	138	123	137	158
14	158	172	170	168	162	155	148	147	135	125	139	157
15	159	172	167	168	162	154	150	151	130	125	148	155
16	160	174	168	170	161	155	145	150	133	127	152	156
17	162	174	167	169	161	152	145	150	136	127	157	158
18	171	172	167	169	161	153	146	148	140	138	153	159
19	164	171	166	169	161	154	147	151	137	132	154	162
20	171	171	166	169	161	155	150	149	140	121	152	162
21	170	170	167	170	163	155	152	148	135	121	151	161
22	167	170	167	168	161	156	149	146	131	124	158	163
23	167	173	170	171	158	158	151	145	130	133	151	164
24	166	173	168	170	158	157	148	145	129	126	148	165
25	171	174	172	168	153	157	153	137	130	139	152	165
26	172	173	170	167	155	158	149	135	133	130	148	175
27	172	174	173	166	159	159	149	135	142	125	151	165
28	172	172	169	166	159	158	151	139	132	126	153	167
29	167	172	172	164	---	157	147	141	135	127	162	165
30	168	169	170	166	---	157	152	150	129	127	151	164
31	172	---	173	168	---	156	---	148	---	128	148	---
TOTAL	5039	5173	5205	5205	4534	4828	4507	4538	4113	3999	4424	4757
MEAN	163	172	168	168	162	156	150	146	137	129	143	159
MAX	172	177	173	173	168	159	155	152	147	143	162	175
MIN	154	169	160	164	153	152	145	135	129	121	125	148
AC-FT	9990	10260	10320	10320	8990	9580	8940	9000	8160	7930	8780	9440

CAL YR 2004 TOTAL 52333 MEAN 143 MAX 177 MIN 108 AC-FT 103800  
WTR YR 2005 TOTAL 56322 MEAN 154 MAX 177 MIN 121 AC-FT 111700

e Estimated

BLUE LAKES SPRING BASIN

13091000 BLUE LAKES SPRING NEAR TWIN FALLS, ID

LOCATION.--Lat 42°36'53", long 114°28'06", (NAD27), in NE¼NW¼SE¼ sec.28, T.9 S., R.17 E., Jerome County, Twin Falls quad., Hydrologic Unit 17040212, on left bank at outlet of upper Blue Lake, 1,000 ft downstream from head of spring, 0.6 mi upstream from mouth, 1.2 mi northwest of Perrine Memorial Bridge, 3.5 mi north of Twin Falls, and 610.5 mi upstream from mouth of Snake River.

PERIOD OF RECORD.--April 1950 to current year.

REVISED RECORDS.--WDR-ID-00-1: 1999

REMARKS.--Records fair. Discharge record at this site represents combined flow for Blue Lakes Spring Pumping Plant (station 13090998), which provides water to the City of Twin Falls beginning July 1994, and Blue Lakes Spring below Pumping Plant near Twin Falls (station 13090999).

COOPERATION.--City of Twin Falls.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 256 ft<sup>3</sup>/s Nov. 10, 11, 1951, Oct. 24 to Nov. 13, 1952, Sept. 29, 30, 1953, Oct. 23, 24, 1957; minimum daily, 129 ft<sup>3</sup>/s Apr. 27, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 180 ft<sup>3</sup>/s Sept. 26; minimum daily, 149 ft<sup>3</sup>/s Aug. 4.

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	168	175	172	174	169	162	155	157	155	154	150	167
2	168	175	172	174	169	162	154	157	155	153	155	168
3	168	174	171	174	168	162	152	156	154	154	150	168
4	168	174	171	173	168	162	154	157	154	156	149	171
5	169	175	170	172	167	161	154	156	153	156	152	170
6	169	177	170	172	166	160	157	157	157	153	152	167
7	169	176	171	172	168	160	159	157	157	154	151	169
8	168	176	170	172	166	159	158	157	155	153	150	172
9	168	177	169	172	166	160	158	156	155	154	156	167
10	171	176	168	173	165	159	159	158	154	155	153	172
11	170	176	172	170	166	159	158	157	153	157	156	170
12	171	174	176	170	166	159	158	158	155	157	157	174
13	171	174	175	173	165	159	158	157	154	153	159	172
14	171	174	175	170	165	160	157	157	154	153	161	175
15	172	174	174	170	165	160	159	158	152	153	159	173
16	173	174	175	172	164	160	157	157	152	155	167	172
17	173	175	174	172	165	159	156	158	153	154	169	171
18	174	174	173	172	165	160	156	157	156	155	169	174
19	175	174	172	172	164	160	158	157	155	157	170	172
20	176	173	172	171	163	160	159	157	155	154	169	178
21	177	172	174	172	164	158	159	157	155	151	170	177
22	177	172	173	171	164	156	159	156	153	150	170	177
23	176	173	172	172	163	158	158	155	153	155	171	177
24	176	174	172	171	162	157	157	155	152	153	168	179
25	177	174	172	170	162	157	158	153	153	154	169	178
26	179	174	173	171	162	158	157	152	155	156	167	180
27	178	174	175	170	162	159	158	152	157	153	170	177
28	177	173	174	170	162	158	157	153	155	152	172	178
29	175	172	174	169	---	157	157	153	155	152	173	178
30	176	172	174	170	---	157	158	156	154	153	168	177
31	175	---	175	170	---	156	---	156	---	152	167	---
TOTAL	5355	5227	5350	5316	4621	4934	4714	4839	4630	4771	5019	5200
MEAN	173	174	173	171	165	159	157	156	154	154	162	173
MAX	179	177	176	174	169	162	159	158	157	157	173	180
MIN	168	172	168	169	162	156	152	152	152	150	149	167
AC-FT	10620	10370	10610	10540	9170	9790	9350	9600	9180	9460	9960	10310

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

	209	207	200	196	191	188	186	185	186	191	196	203
MEAN	209	207	200	196	191	188	186	185	186	191	196	203
MAX	252	251	243	237	235	235	231	227	229	231	240	249
(WY)	1953	1953	1951	1952	1953	1953	1953	1951	1954	1954	1953	1953
MIN	161	159	155	152	146	143	132	136	142	142	148	160
(WY)	1993	1993	1993	1994	1994	2004	2004	2004	2004	2003	2003	2004

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1950 - 2005

ANNUAL TOTAL	56326	59976	
ANNUAL MEAN	154	164	195
HIGHEST ANNUAL MEAN			237
LOWEST ANNUAL MEAN			152
HIGHEST DAILY MEAN			256
LOWEST DAILY MEAN	179	180	129
ANNUAL SEVEN-DAY MINIMUM	129	149	131
ANNUAL RUNOFF (AC-FT)	131	151	131
10 PERCENT EXCEEDS	111700	119000	141000
50 PERCENT EXCEEDS	174	175	228
90 PERCENT EXCEEDS	152	165	196
	134	153	159

## ROCK CREEK BASIN

13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID

LOCATION.--Lat 42°33'45", long 114°29'41", (NAD83), in SE¼NW¼NW¼ sec.17, T.10 S., R.17 E., Twin Falls County, Twin Falls quad., Hydrologic Unit 17040212, on right bank 40 ft above private road bridge, 0.2 mi south of Highway 30/93 in Twin Falls.

DRAINAGE AREA.--256 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,630 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good except for daily discharges below 100 ft<sup>3</sup>/s, which are fair. Flow partially regulated by many diversions upstream for irrigation and irrigation-return flows.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft<sup>3</sup>/s May 18, 2005, gage height, 8.85 ft; minimum daily, 26 ft<sup>3</sup>/s Apr. 2, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 570 ft<sup>3</sup>/s May 18, gage height, 8.85 ft; minimum daily, 34 ft<sup>3</sup>/s Mar. 5-10, 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	118	88	56	47	39	35	34	200	186	68	78	106
2	116	86	54	46	39	35	35	186	182	69	76	104
3	113	85	54	45	42	35	37	172	165	69	73	100
4	117	83	54	45	39	35	39	168	152	72	72	102
5	117	81	55	45	39	34	37	161	147	72	74	104
6	116	80	54	44	39	34	36	171	148	69	73	101
7	121	79	54	45	38	34	37	197	147	68	75	101
8	120	79	59	45	37	34	40	231	147	67	73	99
9	120	78	69	44	37	34	45	233	141	66	70	99
10	118	76	62	43	38	34	45	243	126	69	72	101
11	119	78	63	44	37	35	45	255	132	69	76	108
12	116	76	61	43	38	35	41	323	148	71	79	105
13	116	73	58	41	38	35	41	302	136	69	80	101
14	119	71	56	40	40	35	45	296	125	69	80	102
15	128	71	55	39	38	35	48	291	109	71	78	103
16	139	70	53	40	36	35	41	325	105	70	83	105
17	148	68	52	41	35	35	39	422	101	69	89	109
18	192	67	51	41	36	35	37	530	105	72	92	107
19	245	67	51	40	39	35	45	533	100	71	93	107
20	251	66	51	40	39	35	65	490	94	68	88	107
21	242	64	50	41	38	35	70	437	83	67	89	109
22	236	64	49	40	36	35	63	387	78	66	90	108
23	232	63	48	40	37	37	61	326	77	70	92	117
24	213	62	47	40	36	36	73	281	71	74	91	112
25	190	62	46	40	35	36	104	231	72	74	88	108
26	176	60	47	40	35	35	143	198	70	72	87	112
27	149	61	47	40	35	35	151	172	71	73	90	115
28	128	59	47	40	35	35	175	148	74	72	92	114
29	125	57	48	41	---	37	209	146	72	72	98	113
30	106	56	48	41	---	37	209	223	70	73	98	112
31	95	---	47	40	---	35	---	172	---	78	105	---
TOTAL	4641	2130	1646	1301	1050	1087	2090	8450	3434	2179	2594	3191
MEAN	150	71.0	53.1	42.0	37.5	35.1	69.7	273	114	70.3	83.7	106
MAX	251	88	69	47	42	37	209	533	186	78	105	117
MIN	95	56	46	39	35	34	34	146	70	66	70	99
AC-FT	9210	4220	3260	2580	2080	2160	4150	16760	6810	4320	5150	6330

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	146	85.1	60.9	56.6	67.1	103	131	185	129	109	128	152	
MAX	211	142	85.5	132	130	228	282	319	234	151	167	188	
(WY)	1996	1998	1997	1997	1998	1997	1997	1999	1995	1997	1997	1993	
MIN	114	61.2	46.3	42.0	37.5	35.1	44.0	52.5	67.0	61.2	76.5	106	
(WY)	2002	2003	2003	2005	2005	2005	2003	2003	2003	2003	2004	2005	

## SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1993 - 2005

ANNUAL TOTAL	28435	33793		
ANNUAL MEAN	77.7	92.6	113	
HIGHEST ANNUAL MEAN			175	1997
LOWEST ANNUAL MEAN			67.3	2003
HIGHEST DAILY MEAN	251	Oct 20	533	May 19 2005
LOWEST DAILY MEAN	36	Feb 14	34	Mar 5 1994
ANNUAL SEVEN-DAY MINIMUM	37	Feb 10	34	Mar 4 1994
ANNUAL RUNOFF (AC-FT)	56400	67030	81870	
10 PERCENT EXCEEDS	117	175	196	
50 PERCENT EXCEEDS	70	71	100	
90 PERCENT EXCEEDS	42	36	44	

ROCK CREEK BASIN

13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID--Continued  
(National water-quality assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1993 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1993 to September 1994 (discontinued).

WATER TEMPERATURE: April 1993 to September 1994, July to September 1996, June to September 1997, June to August 1998, June to September 2002 (discontinued).

INSTRUMENTATION.--Water-quality monitor and data logger from April 1993 to September 1994. Temperature recording data logger from July to September 1996, June to September 1997, June to August 1998, June to September 2002.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1880 microsiemens March 29, 1994; minimum, 236 microsiemens May 15, 1993.

WATER TEMPERATURE: Maximum, 22.9 °C July 19, 1998; minimum, 1.0 °C Feb. 13, 1994.

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

Date	Time	Instantaneous dissolved oxygen, cfs (00061)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfiltered, uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat tit incrm field, mg/L as CaCO3 (39086)	Bicarbonate, wat tit incrm., mg/L (00453)	Carbonate, wat tit incrm., mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Sulfate, water, fltrd, mg/L (00945)	Ammonia, water, fltrd, mg/L as N (00608)
OCT													
06...	1030	117	8.9	7.8	768	14.0	12.0	230	277	1.9	38.415	88.163	.161
NOV													
08...	0945	80	9.1	8.1	819	1.5	9.9	260	313	2.4	40.992	101.629	<.04
DEC													
06...	1015	53	9.5	8.0	839	3.0	7.5	261	314	2.0	42.737	105.536	.147
JAN													
03...	0930	46	9.9	8.4	771	-1.0	6.5	222	267	1.7	40.223	98.475	.135
FEB													
04...	0945	39	10.5	8.5	742	.0	4.7	221	265	1.7	39.555	94.515	.204
MAR													
07...	0945	35	9.8	8.4	742	10.0	8.0	222	267	1.6	39.942	93.206	.123
21...	1000	35	10.0	8.7	664	9.0	8.5	207	248	2.0	35.663	82.527	.086
APR													
06...	1145	36	10.1	8.3	600	12.0	8.3	182	222	--	31.064	71.039	.079
11...	1145	44	10.5	8.2	500	12.0	8.5	148	178	1.3	24.867	57.595	.079
18...	0930	38	9.2	8.2	600	4.0	10.2	179	216	1.1	32.148	70.302	.065
25...	1130	98	9.4	8.0	408	12.5	9.8	117	142	.6	21.135	49.436	.167
MAY													
03...	1015	168	9.4	8.0	278	13.0	10.5	82	99	.4	13.002	25.855	.054
09...	0945	230	9.2	8.0	264	11.0	10.9	77	93	.2	11.650	24.363	E.035
16...	0930	302	9.0	7.9	277	14.0	12.0	88	107	.2	12.172	25.584	E.023
24...	1100	280	9.3	8.0	278	16.0	11.9	87	105	.5	12.233	25.753	E.030
JUN													
07...	1015	144	9.1	8.2	460	8.5	11.9	143	172	.8	22.484	45.182	.045
14...	1030	129	8.9	8.1	503	19.0	13.7	158	189	1.8	25.453	51.679	E.036
20...	1000	98	8.2	8.2	609	19.0	15.1	195	232	2.6	32.022	64.701	.048
27...	1130	72	8.5	8.2	688	19.0	14.8	219	260	3.3	37.253	78.113	.084
JUL													
05...	0930	74	8.3	8.1	694	20.0	15.4	238	284	2.9	37.481	79.160	<.04
12...	0945	74	8.0	8.1	713	24.0	16.6	233	277	3.2	36.742	80.210	E.021
20...	1015	69	7.8	8.1	732	26.0	16.3	240	286	3.6	37.463	83.691	E.026
AUG													
08...	1100	75	7.7	8.1	751	28.0	16.9	247	293	3.0	37.216	84.869	.045
SEP													
06...	1000	106	8.5	8.1	755	14.0	13.7	248	297	2.9	36.052	83.801	E.024

## ROCK CREEK BASIN

## 13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID--Continued

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

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00665)	1-Naphthol, water, fltrd, 0.7u GF (49295)	2,6-Diethyl-aniline water fltrd, 0.7u GF (82660)	2Chloro-2',6'-diethyl acet-anilide wat flt (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline water, fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)
OCT 06...	2.175	.027	2.750	<.006	.0531	<.0882	<.006	<.005	E.0060	<.0045	<.0045	--	<.0057
NOV 08...	2.709	.050	3.143	.041	.0674	<.0882	<.006	<.005	E.0082	<.0045	<.0045	--	<.0057
DEC 06...	2.971	.035	3.412	.048	.0818	<.0882	<.006	<.005	E.0086	<.0045	<.0045	--	<.0057
JAN 03...	2.590	.030	3.013	.054	.0880	<.0882	<.006	<.005	E.0080	<.0045	<.0045	--	<.0057
FEB 04...	2.417	.023	2.988	.052	.1064	<.0882	<.006	<.005	E.0068	<.0045	<.0045	--	<.0057
MAR 07...	2.340	.034	2.748	.060	.0919	<.0882	<.006	<.005	E.0074	<.0045	<.0045	--	<.0056
21...	2.048	.030	2.356	.043	.0819	<.0882	<.006	<.005	E.0092	<.0045	<.0045	--	<.0056
APR 06...	1.721	.028	2.152	.042	.0907	<.0882	<.006	<.005	E.0068	<.0045	<.0045	--	<.0056
11...	1.361	.016	1.918	.043	.1259	<.0882	<.006	<.005	E.0081	<.0045	<.0045	--	<.0056
18...	1.605	.032	1.967	.044	.1081	<.0882	<.006	<.005	E.0078	<.0045	<.0045	--	<.0056
25...	.962	.018	2.607	.047	.387	<.0882	<.006	<.005	<.006	<.0045	E.0037	--	<.0056
MAY 03...	.608	E.005	1.271	.036	.1972	<.0882	<.006	<.005	E.0047	<.0045	<.0045	--	<.0056
09...	.500	E.006	1.228	.043	.214	<.0882	<.006	<.005	E.0047	<.0045	--	--	<.0056
16...	.490	E.005	1.134	.046	.1888	<.0882	<.006	<.005	E.0045	<.0045	--	--	<.0056
24...	.542	E.006	1.227	.048	.197	<.0882	<.006	<.005	<.006	<.0045	<.0045	--	<.0056
JUN 07...	.821	.008	1.243	.045	.1403	<.0882	<.006	<.005	E.0051	<.0045	<.0045	<.0043	<.0056
14...	.828	E.006	1.263	.039	.1230	<.0882	<.006	<.005	E.0062	<.0045	E.001	<.0043	<.0056
20...	1.035	.010	1.508	.045	.1206	<.0882	<.006	<.005	E.0068	<.0045	<.0045	<.0043	<.0056
27...	1.439	.018	1.943	.050	.1070	<.0882	<.006	<.005	E.0074	<.0045	<.0045	<.0043	<.0056
JUL 05...	1.391	.010	1.864	.029	.0963	<.0882	<.006	<.005	E.0068	<.0045	<.0045	<.0043	<.0056
12...	1.580	.013	2.282	.031	.1384	<.0882	<.006	<.005	E.0056	<.0045	<.0045	<.0043	<.0056
20...	1.817	.013	2.378	.034	.1111	<.0882	<.006	<.005	E.0069	<.0045	<.0045	<.0043	<.0056
AUG 08...	2.093	.021	2.496	.055	.1134	<.0882	<.006	<.005	E.0076	<.0045	<.0045	<.0043	<.0056
SEP 06...	2.172	.014	2.516	.047	.0847	<.0882	<.006	<.005	E.0101	<.0045	<.0045	<.0043	<.0056

Date	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	HCH-d6, surrog, Sch2003, wat flt recovery (99995)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd, 0.7u GF (82686)	Ben-flur-alin, water, fltrd, ug/L (82673)	Car-baryl, fltrd, ug/L (82680)	Carbo-furan, water, fltrd, ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd, ug/L (82687)
OCT 06...	<.006	<.005	--	99.5207	<.007	<.0700	<.050	<.010	<.041	--	<.0562	<.005	<.006
NOV 08...	<.006	<.005	--	93.9574	E.0056	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
DEC 06...	<.006	<.005	--	90.5177	E.0060	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
JAN 03...	<.006	<.005	--	113.9221	.0070	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
FEB 04...	<.006	<.005	--	92.4472	E.0055	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
MAR 07...	<.006	<.005	--	80.8114	E.0050	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
21...	<.006	<.005	--	89.9017	.0093	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
APR 06...	<.006	<.005	--	86.8490	E.0039	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
11...	<.006	<.005	--	103.4207	.0073	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
18...	<.006	<.005	--	100.6724	E.0053	<.0700	<.05	<.010	E.0055	--	<.0562	<.005	<.006
25...	<.006	<.005	--	95.6611	<.007	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
MAY 03...	<.006	<.005	--	96.5139	<.007	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
09...	<.006	<.005	--	99.7968	E.0052	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
16...	<.006	<.005	--	106.6158	E.0045	<.0700	<.05	<.010	E.0061	--	<.0562	<.005	<.006
24...	<.006	<.005	--	86.9747	<.007	<.0700	<.05	<.010	<.041	--	<.0562	<.005	<.006
JUN 07...	<.006	E.0043	<.0047	98.7964	E.0065	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
14...	<.006	<.005	<.0047	99.9913	E.0055	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
20...	<.006	<.005	<.0047	96.3936	E.0061	<.07	<.05	<.01	<.041	<.02	<.0562	E.0034	<.006
27...	<.006	<.005	<.0047	97.6887	E.0069	<.07	<.05	<.01	<.041	<.02	<.0562	E.0033	<.006
JUL 05...	<.006	<.005	<.0047	93.1988	E.0075	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
12...	<.006	<.005	<.0047	94.3708	.0160	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
20...	<.006	<.005	<.0047	88.2440	E.0063	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
AUG 08...	<.006	<.005	<.0047	94.4380	E.0058	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006
SEP 06...	<.006	<.005	<.0047	91.5715	E.0066	<.07	<.05	<.01	<.041	<.02	<.0562	<.005	<.006

## ROCK CREEK BASIN

## 13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID--Continued

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

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Cyanazine, water, fltrd, ug/L (04041)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin, water, fltrd, ug/L (61586)	DCPA, water, fltrd, 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Diazinon-Sch2003, wat flt recovery (99994)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd, 0.7u GF ug/L (82662)
OCT 06...	--	--	<.008	--	<.0086	<.003	<.012	<.006	<.005	87.7698	<.0843	<.009	<.0061
NOV 08...	--	--	<.008	--	<.0086	<.003	<.012	<.006	<.005	93.1748	<.0843	<.009	<.0061
DEC 06...	--	--	<.008	--	<.0086	<.003	<.012	<.006	<.005	105.5050	<.0843	<.009	<.0061
JAN 03...	--	--	<.008	--	<.0086	<.003	<.012	<.006	<.005	115.8945	<.0843	<.009	<.0061
FEB 04...	--	--	<.008	--	<.0086	<.003	<.012	<.006	<.005	79.8319	<.0843	<.009	<.0061
MAR 07...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	84.1930	<.0843	<.009	<.0061
21...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	89.3017	<.0843	<.009	<.0061
APR 06...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	90.0041	<.0843	<.009	<.0061
11...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	111.7798	<.0843	<.009	<.0061
18...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	118.3007	<.0843	<.009	<.0061
25...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	99.1224	<.0843	<.009	<.0061
MAY 03...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	105.6606	<.0843	<.009	<.0061
09...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	111.2654	<.0843	<.009	<.0061
16...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	108.7628	<.0843	<.009	<.0061
24...	--	--	<.0267	--	<.0086	<.003	<.012	<.006	<.005	105.1335	<.0843	<.009	<.0061
JUN 07...	<.03	<.018	<.0267	<.0089	<.0086	E.0019	<.012	--	<.005	106.6718	<.0843	<.009	<.0061
14...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	113.7879	<.0843	<.009	<.0061
20...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	100.6724	<.0843	<.009	<.0061
27...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	97.1751	<.0843	<.009	<.0061
JUL 05...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	99.7606	<.0843	<.009	<.0061
12...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	100.3820	<.0843	<.009	<.0061
20...	<.0300	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	90.6803	<.0843	<.009	<.0061
AUG 08...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	60.7971	<.0843	<.009	<.0061
SEP 06...	<.008	<.018	<.0267	<.0089	<.0086	<.003	<.012	--	<.005	93.5747	<.0843	<.009	<.0061

Date	Disulfoton sulfone, water, fltrd, ug/L (61640)	Disulfoton, water, fltrd, 0.7u GF ug/L (82677)	Endosulfan sulfate, water, fltrd, ug/L (61590)	EPTC, water, fltrd, ug/L (82668)	Ethion monoxon, water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd, 0.7u GF ug/L (82672)	Fenamiphos sulfone, water, fltrd, ug/L (61645)	Fenamiphos sulfide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinyl fipronil sulfide, wat flt ug/L (62169)	Fipronil sulfide, water, fltrd, ug/L (62167)	Fipronil sulfone, water, fltrd, ug/L (62168)
OCT 06...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
NOV 08...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
DEC 06...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
JAN 03...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
FEB 04...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
MAR 07...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
21...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
APR 06...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
11...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
18...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
25...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
MAY 03...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
09...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
16...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
24...	--	--	--	--	<.0020	<.004	--	<.0491	<.0387	<.029	<.029	<.013	<.024
JUN 07...	<.0059	<.021	<.0138	.0296	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
14...	<.0059	<.021	<.0138	.0221	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
20...	<.0059	<.021	<.0138	.0150	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
27...	<.0059	<.021	<.0138	.0133	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
JUL 05...	<.0059	<.021	<.0138	E.0058	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
12...	<.0059	<.021	<.0138	.0242	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
20...	<.0059	<.021	<.0138	E.0076	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
AUG 08...	<.0059	<.021	<.0138	E.0040	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024
SEP 06...	<.0059	<.021	<.0138	<.004	<.002	<.004	<.005	<.0491	<.0387	<.029	<.029	<.013	<.024



## ROCK CREEK BASIN

## 13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID--Continued

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

Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos, water, fltrd, ug/L (61649)	Fonofos, water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion, water, fltrd, ug/L (61598)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)
OCT 06...	<.016	<.0029	<.003	<.0129	<.387	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
NOV 08...	<.016	<.0029	<.003	<.0129	<.387	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
DEC 06...	<.016	<.0029	<.003	<.0129	<.387	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
JAN 03...	<.016	<.0029	<.003	<.0129	<.387	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
FEB 04...	<.016	<.0029	<.003	<.0129	<.387	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
MAR 07...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
21...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
APR 06...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
11...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
18...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0100	<.0058	<.0299	<.015	<.006
25...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
MAY 03...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
09...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
16...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0041
24...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
JUN 07...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0061
14...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0025
20...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
27...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0041
JUL 05...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	.0092
12...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0050
20...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	E.0015
AUG 08...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006
SEP 06...	<.016	--	<.003	<.0129	<.538	<.0034	<.0298	<.027	<.0051	<.0058	<.0299	<.015	<.006

Date	Metri-buzin, water, fltrd, ug/L (82630)	Moli-nate, water, fltrd, 0.7u GF ug/L (82671)	Myclo-butanil, water, fltrd, ug/L (61599)	Oxy-fluor-fen, water, fltrd, ug/L (61600)	Pendi-meth-alin, water, fltrd, 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water, fltrd, 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd, 0.7u GF ug/L (82676)	Pro-panil, water, fltrd, 0.7u GF ug/L (82679)
OCT 06...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
NOV 08...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
DEC 06...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
JAN 03...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
FEB 04...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
MAR 07...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
21...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
APR 06...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
11...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
18...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.0200	<.0054	<.004	--
25...	<.006	--	<.008	--	<.022	<.1048	<.011	--	<.0079	<.010	<.0054	<.004	--
MAY 03...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.0150	<.0054	<.004	--
09...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
16...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	E.0061	<.0054	<.004	--
24...	<.006	--	<.008	--	<.022	<.1048	<.011	<.0511	<.0079	<.010	<.0054	<.004	--
JUN 07...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	--	--	<.01	<.0054	<.004	<.011
14...	E.0060	<.003	<.008	<.0073	<.022	<.1048	<.011	<.0511	<.0079	<.01	<.0054	<.004	<.011
20...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	--	--	<.01	<.0054	<.004	<.011
27...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	<.0511	<.0079	<.01	<.0054	<.004	<.011
JUL 05...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	<.0511	<.0079	E.0047	<.0054	<.004	<.011
12...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	<.0511	<.0079	<.01	<.0054	<.004	<.011
20...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	--	--	<.01	<.0054	<.004	<.011
AUG 08...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	--	--	<.01	<.0054	<.004	<.011
SEP 06...	<.006	<.003	<.008	<.0073	<.022	<.1048	<.011	--	<.0079	<.01	<.0054	<.004	<.011

## ROCK CREEK BASIN

## 13092747 ROCK CREEK ABOVE HIGHWAY 30/93 CROSSING AT TWIN FALLS, ID--Continued

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

Date	Propar- gite, water, fltrd 0.7u GF (82685) ug/L	Sima- zine, water, fltrd, 0.7u GF (04035) ug/L	Tebu- thiuron water fltrd 0.7u GF (82670) ug/L	Teflu- thrin, water, fltrd, 0.7u GF (61606) ug/L	Ter- bufos- oxon sulfone water, fltrd, 0.7u GF (61674) ug/L	Terbu- fos, water, fltrd 0.7u GF (82675) ug/L	Ter- buthyl- azine, water, fltrd, 0.7u GF (04022) ug/L	Thio- bencarb water fltrd 0.7u GF (82681) ug/L	trans- Propi- cona- zole, water, fltrd, 0.7u GF (79847) ug/L	Tribu- phos- water, fltrd, 0.7u GF (61610) ug/L	Tri- flur- alin, water, fltrd 0.7u GF (82661) ug/L	Di- chlor- vos, water fltrd, 0.7u GF (38775) ug/L	Sus- pended sedi- ment concent- ration mg/L (80154)
OCT													
06...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	19
NOV													
08...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	27
DEC													
06...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	41
JAN													
03...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	23
FEB													
04...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	40
MAR													
07...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	18
21...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	14
APR													
06...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	19
11...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	49
18...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	39
25...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	319
MAY													
03...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	--
09...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	158
16...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	134
24...	--	<.005	<.016	--	<.0676	<.017	<.0102	--	--	--	<.009	<.0118	170
JUN													
07...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	E.0043	<.0118	86
14...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	62
20...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	63
27...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	28
JUL													
05...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	79
12...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	75
20...	<.023	<.0075	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	52
AUG													
08...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	91
SEP													
06...	<.023	<.005	<.016	<.0077	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.009	<.0118	52

< Less than.  
E Estimated.

## SNAKE RIVER MAIN STEM

## 13094000 SNAKE RIVER NEAR BUHL, ID

LOCATION.--Lat 42°39'57", long 114°42'44", (NAD83), in NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.9, T.9 S., R.15 E., Twin Falls County, Niagara Springs quad., Hydrologic Unit 17040212, on left bank 2 mi downstream from Niagara Springs, 3.8 mi upstream from outlet of Clear Lakes, 6 mi northeast of Buhl, and at mile 596.8.

DRAINAGE AREA.--22,990 mi<sup>2</sup>.

PERIOD OF RECORD.--December 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,951.9 ft above NGVD of 1929 (stadia levels). Dec. 12, 1946 to July 13, 1965 at datum 1.00 ft higher. Prior to Jan. 17, 1947, nonrecording gage 40 ft upstream.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by American Falls Reservoir 116.8 mi upstream. Diurnal fluctuation caused by hydroelectric plants upstream. No diversions except by small ranch ditches between this station and station at Milner, where at times practically entire flow is diverted during irrigation seasons. Diversions above station for irrigation of about 2,030,000 acres, of which about 542,000 acres are irrigated by withdrawals from ground water; about 230,000 acres are irrigated below station. In addition, about 26,000 acres are irrigated above station by diversions from Salmon Falls Creek. Considerable water leaks into the Snake River Plain aquifer upstream, some of which returns above the station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,100 ft<sup>3</sup>/s June 22, 1997, gage height, 14.65 ft; minimum, 1,360 ft<sup>3</sup>/s Apr. 13, 2005, gage height, 0.80 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 3,160 ft<sup>3</sup>/s July 23; minimum, 1,360 ft<sup>3</sup>/s Apr. 13, gage height, 0.80 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	1990	2070	2170	2000	1860	1890	1600	1750	1930	3000	2850	1790
2	1970	2050	2170	1980	1860	1890	1600	1790	1980	2970	2760	1800
3	1970	2060	2170	1970	1850	1890	1490	1790	1950	2990	2680	1800
4	1970	2060	2170	1980	1840	1890	1400	1800	1920	3030	2560	1820
5	1970	2050	2170	2000	1860	1880	1400	1790	1910	3050	2480	1840
6	1970	2050	2180	2020	1860	1880	1400	1790	1920	3080	2390	1850
7	1960	2050	2150	1980	1860	1870	1390	1830	1910	3000	2320	1850
8	1900	2030	2100	1980	1890	1840	1410	1860	1920	2980	2220	1850
9	1890	2050	2260	2000	1880	1820	1410	1880	1910	2960	2150	1790
10	1920	2110	2220	1970	1890	1820	1420	1890	1810	2990	2050	1830
11	1920	2160	2220	1970	1870	1810	1410	1890	1760	3030	1960	1870
12	1900	2130	2210	1980	1890	1810	1410	2080	1770	3010	1920	1910
13	1880	2120	2180	1980	1900	1810	1410	2010	1830	3010	1930	1900
14	1900	2100	2170	2010	1920	1800	1430	1940	1760	2980	1950	1870
15	1940	2080	2180	2010	1890	1810	1450	1920	1700	3010	1960	1850
16	1970	2160	2160	2000	1870	1800	1490	2030	1720	3020	1950	1870
17	2030	2150	2130	2000	1860	1800	1510	2190	1710	3060	1990	1860
18	2090	2160	2120	2000	1860	1760	1530	2170	1770	3090	2000	1910
19	2030	2210	2120	1970	1880	1700	1520	2180	1790	3080	2000	1920
20	2120	2210	2130	1960	1900	1690	1730	2130	1800	3050	2000	1890
21	2160	2200	2100	1970	1880	1660	1990	2080	1820	3040	1980	1850
22	2170	2190	2040	1960	1870	1630	2060	2030	2080	3080	1990	1860
23	2350	2200	2010	1960	1890	1660	1660	1960	2730	3160	2000	1870
24	2710	2230	2000	1960	1910	1660	1640	1950	2980	3140	1980	1880
25	2670	2250	2000	1940	1900	1620	1750	1900	2960	3160	1890	1890
26	2610	2250	2000	1890	1900	1630	1730	1850	2990	3140	1820	1910
27	2520	2200	1990	1870	1890	1620	1680	1810	3020	3120	1790	1910
28	2320	2200	2000	1880	1890	1620	1740	1790	3020	3080	1780	1890
29	2200	2170	2010	1880	---	1640	1810	1800	3030	3080	1790	1870
30	2130	2160	2020	1880	---	1640	1790	2020	3020	3020	1770	1890
31	2090	---	2010	1870	---	1620	---	1900	---	2930	1790	---
TOTAL	65220	64110	65560	60820	52620	54460	47260	59800	64420	94340	64700	55890
MEAN	2104	2137	2115	1962	1879	1757	1575	1929	2147	3043	2087	1863
MAX	2710	2250	2260	2020	1920	1890	2060	2190	3030	3160	2850	1920
MIN	1880	2030	1990	1870	1840	1620	1390	1750	1700	2930	1770	1790
AC-FT	129400	127200	130000	120600	104400	108000	93740	118600	127800	187100	128300	110900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

	4210	4660	5233	5726	5812	5986	6974	6463	6313	2972	2788	3078
MEAN	4210	4660	5233	5726	5812	5986	6974	6463	6313	2972	2788	3078
MAX	12260	14760	13350	15950	19570	21110	20570	19590	26480	7917	5811	8770
(WY)	1985	1985	1984	1984	1997	1971	1984	1997	1983	1997	1997	1997
MIN	1959	2043	2065	1920	1879	1545	1550	1633	1623	1663	1739	1863
(WY)	2004	2004	2004	2004	2005	1991	1990	1992	2002	2004	2004	2005

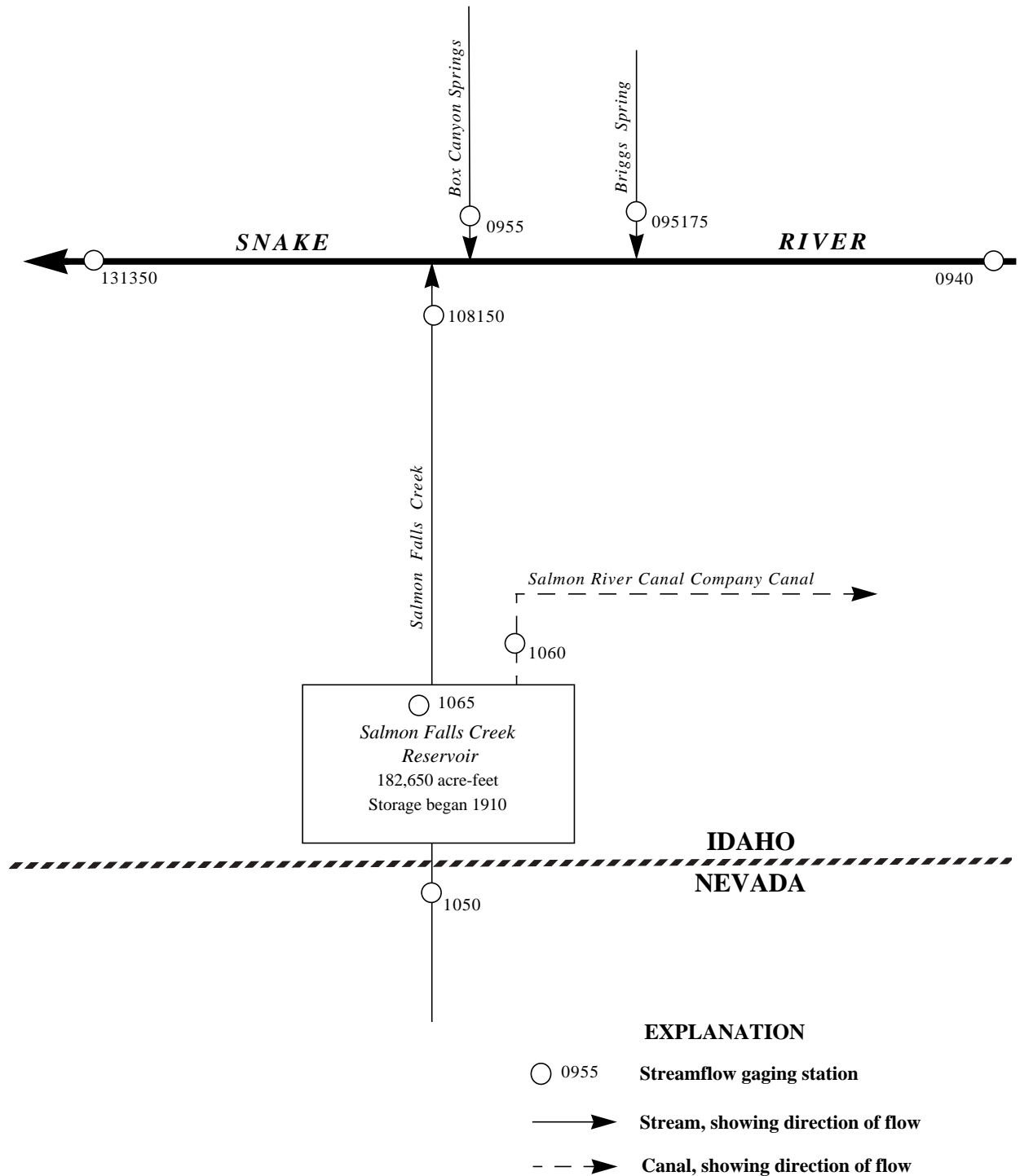
## SUMMARY STATISTICS

## FOR 2004 CALENDAR YEAR

## FOR 2005 WATER YEAR

## WATER YEARS 1947 - 2005

ANNUAL TOTAL	689760	749200	
ANNUAL MEAN	1885	2053	
HIGHEST ANNUAL MEAN			5017
LOWEST ANNUAL MEAN			11620
HIGHEST DAILY MEAN			1860
LOWEST DAILY MEAN	2710	Oct 24	3160
ANNUAL SEVEN-DAY MINIMUM	1490	Apr 9	1390
ANNUAL RUNOFF (AC-FT)	1368000	1486000	3635000
10 PERCENT EXCEEDS	2160	2960	11300
50 PERCENT EXCEEDS	1880	1950	3080
90 PERCENT EXCEEDS	1650	1710	1980



**Figure 20.** Schematic diagram showing gaging stations in Snake River Basin between Snake River near Buhl and Salmon Falls Creek.

BRIGGS SPRING BASIN

13095175 BRIGGS SPRING AT HEAD, NEAR BUHL, ID

LOCATION.--Lat 42°40'26", long 114°48'33", (NAD83), in NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> sec.3, T.9 S., R.14 E., Gooding County, Thousand Springs quad., Hydrologic Unit 17040212, on right bank at road crossing, 1/8 mi downstream from head of spring, and 6 mi northwest of Buhl.

PERIOD OF RECORD.--April 1989 to current year. Miscellaneous measurements made in previous years may not be equivalent. (See sta 13095200)

GAGE.--Water-stage recorder. Elevation of gage is 3,000 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Small diversion above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 118 ft<sup>3</sup>/s Oct. 8-10, 14, 15, 17-28, 31, Nov. 1, 3-12, 1989; minimum daily, 93 ft<sup>3</sup>/s many days in April, May and July 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 105 ft<sup>3</sup>/s Oct. 21-31; minimum daily, 93 ft<sup>3</sup>/s many days in April, May and July.

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	101	104	99	97	96	94	94	93	94	95	95	98
2	101	104	99	97	95	94	94	93	94	95	95	98
3	101	104	99	97	95	94	94	93	94	95	95	98
4	101	104	99	97	95	94	94	93	95	95	95	98
5	101	103	99	97	95	94	94	93	95	95	95	98
6	101	103	99	97	95	94	94	93	95	95	95	98
7	101	103	99	97	95	94	94	94	95	95	95	99
8	101	103	100	97	95	94	94	94	95	95	95	99
9	102	102	99	97	95	94	94	94	95	94	96	99
10	102	102	99	97	95	94	94	94	95	94	96	99
11	102	102	99	97	95	94	94	94	95	94	96	99
12	102	102	99	97	95	94	94	94	95	94	96	99
13	101	102	99	97	95	94	94	94	95	94	96	99
14	101	101	99	97	95	94	94	94	95	94	96	99
15	101	101	99	97	95	94	94	94	95	94	97	99
16	102	101	99	97	95	94	94	94	95	93	97	99
17	102	101	99	97	95	94	94	94	95	93	97	99
18	103	101	99	97	95	94	93	94	95	93	96	99
19	103	101	98	96	95	94	93	94	95	93	96	99
20	103	101	98	96	95	94	94	94	95	93	96	99
21	105	101	98	96	95	94	93	94	95	93	96	99
22	105	101	98	96	95	94	93	94	95	93	96	99
23	105	100	98	96	95	94	93	94	95	93	97	99
24	105	100	98	96	95	94	93	94	95	93	97	100
25	105	100	98	96	95	94	93	94	95	94	97	100
26	105	100	97	96	95	94	94	94	94	94	97	100
27	105	100	97	96	95	94	94	94	94	94	97	100
28	105	100	97	96	95	94	93	94	94	94	97	101
29	105	100	98	96	---	94	93	94	94	94	98	101
30	105	100	98	96	---	94	93	94	95	94	98	101
31	105	---	98	96	---	94	---	94	---	94	98	---
TOTAL	3187	3047	3054	2994	2661	2914	2810	2908	2843	2913	2983	2974
MEAN	103	102	98.5	96.6	95.0	94.0	93.7	93.8	94.8	94.0	96.2	99.1
MAX	105	104	100	97	96	94	94	94	95	95	98	101
MIN	101	100	97	96	95	94	93	93	94	93	95	98
AC-FT	6320	6040	6060	5940	5280	5780	5570	5770	5640	5780	5920	5900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	110	110	108	106	104	103	100	99.1	98.9	98.8	101	106					
MAX	118	117	114	111	109	107	105	102	104	104	106	113					
(WY)	1990	1990	1990	1990	1998	1998	1998	1990	1990	1997	1990	1989					
MIN	103	102	98.5	96.6	95.0	94.0	93.7	93.8	94.8	94.0	96.2	99.1					
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005					

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1989 - 2005

ANNUAL TOTAL	35837	35288		
ANNUAL MEAN	97.9	96.7	104	
HIGHEST ANNUAL MEAN			108	1990
LOWEST ANNUAL MEAN			96.7	2005
HIGHEST DAILY MEAN	105	Oct 21	118	Oct 8 1989
LOWEST DAILY MEAN	94	May 2	93	Apr 18 2005
ANNUAL SEVEN-DAY MINIMUM	94	May 4	93	Apr 28 2005
ANNUAL RUNOFF (AC-FT)	71080	69990	75160	
10 PERCENT EXCEEDS	101	101	112	
50 PERCENT EXCEEDS	98	95	103	
90 PERCENT EXCEEDS	95	94	97	

BOX CANYON SPRINGS BASIN

13095500 BOX CANYON SPRINGS NEAR WENDELL, ID

LOCATION.--Lat 42°42'27", long 114°48'37", (NAD83), in SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.27, T.8 S., R.14 E., Gooding County, Thousand Springs quad., Hydrologic Unit 17040212, on left bank 150 ft downstream from waterfall, 0.8 mi downstream from source, at mile 0.5, 588.8 mi upstream from mouth of Snake River, and 7.5 mi southwest of Wendell.

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,950 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. No regulation or surface diversion above station. Discharge affected at times by irrigation return flow over rimrock into springs above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 483 ft<sup>3</sup>/s Oct. 9, 14, 15, 18, 19, 1965; minimum daily, 293 ft<sup>3</sup>/s July 1-6, 11, 14-16, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 328 ft<sup>3</sup>/s Sept. 30; minimum daily, 297 ft<sup>3</sup>/s Mar. 22, June 16-18.

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	313	311	302	e301	e304	302	304	302	304	307	307	312
2	313	311	302	e301	e304	302	304	301	304	308	308	313
3	313	311	302	e301	e304	301	304	301	304	308	309	313
4	313	310	302	e302	e304	300	304	300	304	308	309	313
5	313	309	302	e302	e304	301	304	299	304	308	309	314
6	313	309	302	e302	e304	301	303	300	304	308	309	314
7	314	309	302	e302	e304	301	303	300	304	307	309	316
8	314	309	302	e302	e304	301	303	300	304	307	309	316
9	315	309	302	e302	e304	300	303	300	304	308	311	317
10	316	309	301	e302	e304	300	303	300	303	307	311	318
11	315	309	300	e302	e304	300	303	300	302	307	311	318
12	315	309	300	e302	e305	301	303	300	302	307	311	318
13	314	309	300	e302	e305	300	304	301	301	307	312	318
14	314	309	300	e302	e305	300	304	302	300	307	311	318
15	314	309	300	e302	e305	300	303	303	299	307	311	320
16	315	309	e300	e302	e305	299	302	304	297	307	311	320
17	315	309	e300	e303	e305	299	303	304	297	307	311	320
18	316	309	e300	e303	305	298	302	304	297	307	311	321
19	316	310	e300	e303	305	298	302	304	298	307	311	321
20	316	309	e300	e303	306	298	301	304	300	306	311	321
21	316	309	e300	e303	305	298	300	304	300	306	311	321
22	316	309	e301	e303	304	297	299	304	299	307	311	321
23	315	308	e301	e303	304	302	300	305	299	307	311	322
24	314	306	e301	e303	304	302	300	306	308	307	312	323
25	313	304	e301	e303	304	303	300	305	305	308	313	325
26	313	304	e301	e303	304	302	299	305	305	308	313	325
27	313	304	e301	e303	302	303	299	305	305	307	312	325
28	313	304	e301	e303	302	304	300	305	305	307	311	325
29	313	303	e301	e303	---	304	300	304	307	307	310	327
30	313	303	e301	e304	---	304	301	304	307	307	311	328
31	312	---	e301	e304	---	304	---	304	---	308	311	---
TOTAL	9738	9242	9329	9376	8519	9325	9060	9380	9072	9524	9628	9583
MEAN	314	308	301	302	304	301	302	303	302	307	311	319
MAX	316	311	302	304	306	304	304	306	308	308	313	328
MIN	312	303	300	301	302	297	299	299	297	306	307	312
AC-FT	19320	18330	18500	18600	16900	18500	17970	18610	17990	18890	19100	19010

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

	410	401	388	377	369	363	358	358	368	375	388	402
MEAN	410	401	388	377	369	363	358	358	368	375	388	402
MAX	479	457	440	432	416	412	399	407	429	440	449	472
(WY)	1966	1966	1973	1954	1952	1952	1959	1953	1952	1956	1965	1965
MIN	314	308	301	302	304	301	302	303	299	294	299	308
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2004	2004	2004	2004

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1950 - 2005

ANNUAL TOTAL	113295	111776	
ANNUAL MEAN	310	306	
HIGHEST ANNUAL MEAN			379
LOWEST ANNUAL MEAN			306
HIGHEST DAILY MEAN			483
LOWEST DAILY MEAN	334	Jan 1	297
ANNUAL SEVEN-DAY MINIMUM	293	Jul 1	297
ANNUAL RUNOFF (AC-FT)	224700	Jun 30	298
10 PERCENT EXCEEDS	326		314
50 PERCENT EXCEEDS	309		304
90 PERCENT EXCEEDS	296		300

e Estimated

## SALMON FALLS CREEK BASIN

## 13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV

LOCATION.--Lat 41°56'41", long 114°41'19", (NAD83), in NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.23, T.47 N., R.64 E., Elko County, Nevada, Jackpot quad., Hydrologic Unit 17040213, on right bank in canyon, 630 ft downstream from bridge on U.S. Highway 93, 550 ft downstream from Shoshone Creek, and 5 mi north of San Jacinto.

DRAINAGE AREA.--1,450 mi<sup>2</sup>, approximately. Mean elevation, 6,350 ft.

PERIOD OF RECORD.--September 1909 to June 1910 (gage heights only), June 1910 to September 1916, October 1918 to current year. Monthly discharge only for some periods published in WSP 1317. Prior to October 1910, published as "Salmon Falls River".

REVISED RECORDS.--WSP 1934: 1943(M).

GAGE.--Water-stage recorder. Elevation of gage is 5,120 ft above NGVD of 1929, by barometer. Prior to June 6, 1910, nonrecording gage at nearby site at different datum. June 6, 1910 to Sept. 30, 1916, Oct. 1, 1918 to Aug. 28, 1964, water-stage recorder at site 35 ft upstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 18,200 acres (1966 determination). Salmon Dam of Salmon River Canal Co. is 15 mi downstream (see sta 13106500).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,860 ft<sup>3</sup>/s May 16, 1984, gage height, 14.27 ft; minimum, 2.6 ft<sup>3</sup>/s Sept. 4, 1961, gage height, 3.37 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,430 ft<sup>3</sup>/s May 18, 19, gage height, 10.40 ft; minimum daily, 15 ft<sup>3</sup>/s Aug. 31, Sept. 1-2.

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	51	58	e40	61	67	78	111	562	742	149	27	15
2	49	57	e45	59	64	84	110	499	705	136	31	15
3	47	56	e45	64	63	99	118	466	616	123	28	16
4	47	56	e45	63	63	96	132	452	541	112	26	16
5	48	57	50	61	66	99	135	442	479	103	24	21
6	47	56	52	59	66	99	123	455	457	93	24	20
7	47	56	57	53	66	120	129	557	456	94	24	19
8	47	56	58	49	64	167	145	584	456	86	21	20
9	47	57	71	53	57	241	193	551	458	78	21	21
10	48	58	83	64	61	249	198	603	409	74	19	23
11	48	61	86	68	60	268	181	583	365	66	19	25
12	48	65	77	56	64	269	173	667	373	64	18	26
13	48	64	74	e40	63	269	168	741	350	58	18	27
14	48	62	73	e40	66	236	178	691	313	51	19	28
15	48	60	73	e35	e60	188	187	651	293	48	18	28
16	49	59	72	e60	e40	159	180	683	258	45	23	27
17	50	59	66	67	e35	145	173	972	246	42	23	29
18	52	59	64	66	e45	137	181	1400	262	39	20	28
19	53	59	64	67	e60	128	201	1360	256	30	19	28
20	54	60	65	65	63	126	229	1190	228	32	18	28
21	56	56	58	61	64	130	242	1050	210	38	19	29
22	56	53	55	59	64	127	239	1010	198	36	20	31
23	55	58	60	58	68	137	252	943	196	34	19	29
24	56	58	61	55	70	159	317	857	198	28	19	27
25	56	59	60	58	72	153	436	814	195	26	19	27
26	56	59	62	65	71	134	530	761	188	24	19	27
27	56	60	66	66	72	121	574	699	187	23	19	28
28	57	54	64	70	75	117	604	651	184	23	19	28
29	58	37	65	74	---	124	675	649	177	24	17	30
30	58	e40	66	72	---	125	626	745	165	26	16	32
31	58	---	67	69	---	115	---	804	---	27	15	---
TOTAL	1598	1709	1944	1857	1749	4699	7740	23092	10161	1832	641	748
MEAN	51.5	57.0	62.7	59.9	62.5	152	258	745	339	59.1	20.7	24.9
MAX	58	65	86	74	75	269	675	1400	742	149	31	32
MIN	47	37	40	35	35	78	110	442	165	23	15	15
AC-FT	3170	3390	3860	3680	3470	9320	15350	45800	20150	3630	1270	1480

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 2005, BY WATER YEAR (WY)

	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	49.2	58.4	58.6	68.2	96.4	163	344	457	271	62.3	27.4	32.3																																																																																				
MAX	92.0	105	130	201	377	588	865	2033	1209	344	127	77.6																																																																																				
(WY)	1985	1985	1965	1971	1943	1972	1942	1984	1984	1984	1984	1984																																																																																				
MIN	18.1	34.6	36.9	38.0	44.4	55.5	77.4	52.0	23.0	12.5	8.16	9.79																																																																																				
(WY)	1916	1916	1932	1955	1955	1955	1934	1934	1992	1931	1940	1947																																																																																				

## SUMMARY STATISTICS

## FOR 2004 CALENDAR YEAR

## FOR 2005 WATER YEAR

## WATER YEARS 1910 - 2005

ANNUAL TOTAL	38907	57770		
ANNUAL MEAN	106	158		
HIGHEST ANNUAL MEAN			140	
LOWEST ANNUAL MEAN			439	1984
HIGHEST DAILY MEAN	459	Mar 25	1400	May 18
LOWEST DAILY MEAN	17	Aug 14	15	Aug 31
ANNUAL SEVEN-DAY MINIMUM	18	Aug 10	16	Aug 29
ANNUAL RUNOFF (AC-FT)	77170		114600	
10 PERCENT EXCEEDS	285		487	
50 PERCENT EXCEEDS	57		63	
90 PERCENT EXCEEDS	27		24	

e Estimated

SALMON FALLS CREEK BASIN

13106000 SALMON RIVER CANAL CO. CANAL NEAR ROGERSON, ID

LOCATION.--Lat 42°13'15", long 114°44'16", (NAD83), in SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec.7, T.14 S., R.15 E., Twin Falls County, Salmon Butte quad., Hydrologic Unit 17040213, U.S. Bureau of Land Management lands, on left bank 0.5 mi downstream from Salmon River Canal Co. reservoir, and 7 mi west of Rogerson.

PERIOD OF RECORD.--April 1937 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,940 ft above NGVD of 1929, by barometer. Oct. 1, 1953 to Sept. 30, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Canal diverts from Salmon River Canal Co. reservoir (see sta 13106500) for irrigation of land in the Salmon River Canal Co. project.

AVERAGE DISCHARGE.--68 years, 103 ft<sup>3</sup>/s, 74,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 660 ft<sup>3</sup>/s July 21-24, 1944; no flow for long periods each year.

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	157	306	288	246
2	---	---	---	---	---	---	---	0.00	128	310	285	239
3	---	---	---	---	---	---	---	0.00	141	327	281	230
4	---	---	---	---	---	---	---	0.00	151	352	282	224
5	---	---	---	---	---	---	---	0.00	158	362	285	232
6	---	---	---	---	---	---	---	0.00	167	386	287	246
7	---	---	---	---	---	---	---	0.00	161	387	292	247
8	---	---	---	---	---	---	---	0.00	153	397	290	247
9	---	---	---	---	---	---	---	0.00	149	396	286	245
10	---	---	---	---	---	---	---	0.00	148	398	282	235
11	---	---	---	---	---	---	---	0.00	162	395	278	227
12	---	---	---	---	---	---	---	0.00	180	382	280	210
13	---	---	---	---	---	---	---	0.00	183	387	285	202
14	---	---	---	---	---	---	---	0.00	209	402	286	185
15	---	---	---	---	---	---	---	0.00	231	398	289	182
16	---	---	---	---	---	---	---	0.00	275	405	290	181
17	---	---	---	---	---	---	---	0.00	272	401	285	184
18	---	---	---	---	---	---	---	0.00	278	389	274	180
19	---	---	---	---	---	---	---	0.00	268	376	238	173
20	---	---	---	---	---	---	---	0.00	248	356	225	161
21	---	---	---	---	---	---	---	0.00	265	353	214	112
22	---	---	---	---	---	---	---	0.00	294	349	225	0.00
23	---	---	---	---	---	---	---	0.00	293	336	256	0.00
24	---	---	---	---	---	---	---	146	315	313	262	0.00
25	---	---	---	---	---	---	---	158	319	309	275	0.00
26	---	---	---	---	---	---	---	140	323	311	270	0.00
27	---	---	---	---	---	---	---	162	320	305	264	0.00
28	---	---	---	---	---	---	---	189	314	288	261	0.00
29	---	---	---	---	---	---	---	223	310	295	253	0.00
30	---	---	---	---	---	---	---	197	303	311	255	0.00
31	---	---	---	---	---	---	---	173	---	303	254	---
TOTAL	---	---	---	---	---	---	---	1388.00	6875	10985	8377	4388.00
MEAN	---	---	---	---	---	---	---	44.8	229	354	270	146
MAX	---	---	---	---	---	---	---	223	323	405	292	247
MIN	---	---	---	---	---	---	---	0.00	128	288	214	0.00
AC-FT	---	---	---	---	---	---	---	2750	13640	21790	16620	8700



## SALMON FALLS CREEK BASIN

## 13106500 SALMON RIVER CANAL CO. RESERVOIR NEAR ROGERSON, ID

LOCATION.--Lat 42°12'44", long 114°44'00", (NAD83), in NE<sup>1</sup>/<sub>4</sub> sec.18, T.14 S., R.15 E., Twin Falls County, Salmon Butte quad., Hydrologic Unit 17040213, U.S. Bureau of Land Management lands, at Salmon Falls Dam on Salmon Falls Creek, 7.5 mi west of Rogerson, and at mile 46.0.

DRAINAGE AREA.--1,610 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--January 1922 to current year.

GAGE.--Nonrecording gage. Datum of gage is 4,945.8 ft above NGVD of 1929.

REMARKS.--Reservoir is formed by gravity-section concrete-arch dam completed in 1911; storage began in 1910. Usable capacity, 182,650 acre-ft between gage heights 0.0 (bottom of outlet tunnel) and 80.0 ft, maximum operating level. Dead storage, 48,000 acre-ft. Reservoir spilled May 11 to June 29, 1984, and Apr. 22-30, 1985, the first times since construction in 1911. Water is used for irrigation of lands in Salmon River Canal Co. project. Figures given herein represent usable contents.

COOPERATION.--Gage readings and capacity table provided by Salmon River Canal Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 180,600 acre-ft June 20, July 2, 3, 1984, gage height, 79.40 ft; minimum observed, 125 acre-ft Sept. 21 to Oct. 5, 1934, gage height, 0.1 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 81,800 acre-ft June 14-15; maximum gage height, 45.15 ft, June 14-15; minimum observed, 7,720 acre-ft Oct. 1-4, gage height, 5.80 ft.

## Capacity table (gage height, in feet, and contents, in acre-feet)

3.0	3,850	25.0	39,100
10.0	13,800	30.0	48,800
15.0	21,500	40.0	69,800
20.0	30,00	50.0	93,800

Reservoir storage, acre feet  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY AM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7720	9600	11900	14900	17600	20700	28700	41100	75900	77300	56100	39100
2	7720	9600	11900	15000	17700	20800	28900	42200	76900	76900	55600	38500
3	7720	9680	12000	15200	17800	20900	29000	43300	77700	76400	55000	38000
4	7720	9750	12100	15200	18000	21000	29200	44100	78400	75800	54500	37600
5	7860	9900	12100	15200	18100	21200	29500	44900	78800	75300	53900	37100
6	7860	9900	12300	15400	18200	21300	29800	45600	79300	74700	53400	36600
7	7940	9970	12300	15400	18200	21500	30000	46400	79600	74000	52700	36100
8	8010	10100	12400	15500	18300	21800	30200	47200	80000	73300	52300	35600
9	8010	10200	12600	15600	18500	22000	30400	48200	80500	72600	51600	35000
10	8010	10300	12800	15700	18500	22400	30700	49000	80800	71800	51100	34600
11	8230	10400	12900	15800	18600	22800	31000	50200	81200	71100	50400	34000
12	8230	10500	13000	15900	18700	23100	31400	51000	81400	70400	49800	33600
13	8300	10500	13100	16000	18800	23500	31600	52000	81600	69600	49100	33200
14	8300	10600	13100	16100	19000	23900	31800	53000	81800	68800	48600	32800
15	8370	10700	13400	16100	19300	24400	32200	54000	81800	68000	47900	32500
16	8440	10800	13400	16100	19300	24800	32400	55200	81700	67200	47400	32100
17	8440	10900	13500	16200	19300	25100	32700	56500	81600	66500	46900	31700
18	8520	10900	13600	16300	19300	25300	33000	57700	81300	65800	46400	31400
19	8520	11100	13700	16400	19400	25800	33400	58700	81200	64900	45900	31000
20	8740	11100	13800	16600	19600	25900	33700	62000	81000	64100	45300	30800
21	8740	11200	13900	16600	19700	26100	34100	62800	80800	63400	44800	30500
22	8880	11300	14000	16700	19800	26400	34600	63700	80500	62700	44400	30400
23	8880	11300	14000	16800	20000	26600	35000	67400	80200	62000	44000	30300
24	8880	11300	14100	16900	20100	26900	35500	69000	79900	61300	43400	30300
25	8950	11500	14200	17000	20200	27000	36000	70000	79400	60600	42800	30300
26	9200	11600	14200	17000	20300	27300	36600	71100	79000	59900	42200	30300
27	9240	11600	14300	17200	20500	27600	37400	72000	78800	59300	41800	30300
28	9320	11700	14400	17200	20600	27800	38500	72800	78400	58600	41100	30300
29	9390	11800	14500	17400	---	28200	39400	73500	78000	58000	40600	30300
30	9460	11900	14700	17500	---	28300	40200	74200	77700	57200	40100	30300
31	9530	---	14800	17600	---	28500	---	75000	---	56500	39600	---
MAX	9530	11900	14800	17600	20600	28500	40200	75000	81800	77300	56100	39100
MIN	7720	9600	11900	14900	17600	20700	28700	41100	75900	56500	39600	30300
†	7.05	8.65	10.65	12.50	14.45	19.10	25.60	42.25	43.40	33.85	25.25	20.20
‡	1950	2370	2900	2800	3000	7900	11700	34800	2700	-21200	-16900	-9300
CAL YR 2004	MAX 43700	MIN 7140	† 3200									
WTR YR 2005	MAX 81800	MIN 7720	† 22700									

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

SALMON FALLS CREEK BASIN

13108150 SALMON FALLS CREEK NEAR HAGERMAN, ID

LOCATION.--Lat 42°41'47", long 114°51'19", (NAD83), in SW¼SE¼SE¼ sec.30, T.8 S., R.14 E., Twin Falls County, Thousand Springs quad., Hydrologic Unit 17040213, on left bank 25 ft upstream from U.S. Highway 30, at mile 1.9, and 8.5 mi south of Hagerman.

DRAINAGE AREA.--2,120 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--April 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,891.06 ft above NGVD of 1929.

REMARKS.--Records fair. Flow completely regulated by Salmon River Canal Co. reservoir 44 mi upstream (see sta 13106500).

Flow below the dam is derived from leakage past the dam and return flow from adjacent land. Several diversions, by pumping from the left bank below the dam, are used for irrigation. Flow past gage is partially regulated during irrigation season by small diversion dam 0.9 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,500 ft<sup>3</sup>/s May 16, 1984, gage height, 18.14 ft, on basis of contracted opening measurement of peak flow, result of roadfill collapse approximately 13 mi upstream. (Salmon River Canal Co. reservoir spilled into Salmon Falls Creek May 11 to June 29, 1984 and Apr. 22-30, 1985, the only times since construction of the dam in 1910).

Maximum discharge excluding 1984, 3,390 ft<sup>3</sup>/s Jan. 12, 1979, gage height, 9.60 ft; minimum, 5.8 ft<sup>3</sup>/s July 9, 1977, gage height, 2.51 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 292 ft<sup>3</sup>/s May 18; minimum daily, 24 ft<sup>3</sup>/s July 13.

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	192	159	144	131	118	108	91	138	132	110	50	73
2	187	159	143	129	116	107	91	123	139	64	48	62
3	188	160	145	130	115	107	90	128	150	45	47	65
4	198	159	146	130	116	106	90	136	161	44	41	66
5	205	157	144	128	115	105	84	150	152	42	41	66
6	214	156	142	127	115	105	80	148	161	33	34	82
7	204	156	142	128	115	104	71	174	158	31	39	81
8	195	157	146	130	114	103	59	221	162	27	44	76
9	195	156	159	127	113	103	67	234	164	e25	45	76
10	204	156	147	127	112	104	77	244	144	e30	45	99
11	213	159	145	129	112	103	74	232	130	e35	42	96
12	215	157	142	126	113	103	55	246	120	e30	47	97
13	208	155	139	123	115	102	45	249	117	24	54	93
14	198	153	138	123	114	102	58	250	96	27	55	87
15	197	152	137	120	113	102	75	234	82	36	58	98
16	229	152	136	119	115	99	105	256	82	35	62	126
17	242	151	135	121	113	96	103	258	81	26	62	140
18	258	151	134	124	112	97	99	292	100	31	59	156
19	251	150	134	126	115	99	105	278	108	37	64	162
20	205	151	135	125	117	98	155	235	94	36	69	147
21	181	149	134	124	116	96	217	232	65	35	67	146
22	182	141	133	122	114	95	203	238	81	36	63	150
23	184	149	132	122	114	102	158	228	64	44	65	157
24	183	148	132	121	112	94	155	213	73	48	66	164
25	177	149	132	120	111	93	208	183	71	49	71	173
26	177	148	132	121	110	92	258	155	71	44	75	179
27	174	148	133	120	109	94	228	122	87	41	65	155
28	167	146	134	120	109	99	202	94	94	40	72	150
29	165	144	138	120	---	98	193	85	102	37	72	156
30	161	143	134	118	---	92	172	113	97	39	69	166
31	162	---	133	118	---	91	---	102	---	46	80	---
TOTAL	6111	4571	4300	3849	3183	3099	3668	5991	3338	1227	1771	3544
MEAN	197	152	139	124	114	100	122	193	111	39.6	57.1	118
MAX	258	160	159	131	118	108	258	292	164	110	80	179
MIN	161	141	132	118	109	91	45	85	64	24	34	62
AC-FT	12120	9070	8530	7630	6310	6150	7280	11880	6620	2430	3510	7030

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 2005, BY WATER YEAR (WY)

	236	192	168	161	152	145	165	174	129	67.9	101	187
MEAN	236	192	168	161	152	145	165	174	129	67.9	101	187
MAX	314	244	202	233	203	243	334	1272	834	130	178	271
(WY)	1973	1973	1974	1972	1972	1972	1985	1984	1984	1997	1997	1986
MIN	178	152	139	117	114	100	89.7	50.6	36.5	28.4	41.3	89.7
(WY)	1993	2005	2005	1993	2005	2005	1977	1992	1992	1977	2004	2003

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1970 - 2005
ANNUAL TOTAL	39065	44652	
ANNUAL MEAN	107	122	156
HIGHEST ANNUAL MEAN			314 1984
LOWEST ANNUAL MEAN			106 2004
HIGHEST DAILY MEAN	258	Oct 18	3440 May 16 1984
LOWEST DAILY MEAN	20	Jun 25	13 Jul 10 1977
ANNUAL SEVEN-DAY MINIMUM	22	Jun 23	28 Jul 14 1977
ANNUAL RUNOFF (AC-FT)	77490	88570	113300
10 PERCENT EXCEEDS	183	198	234
50 PERCENT EXCEEDS	117	120	153
90 PERCENT EXCEEDS	33	47	66

e Estimated