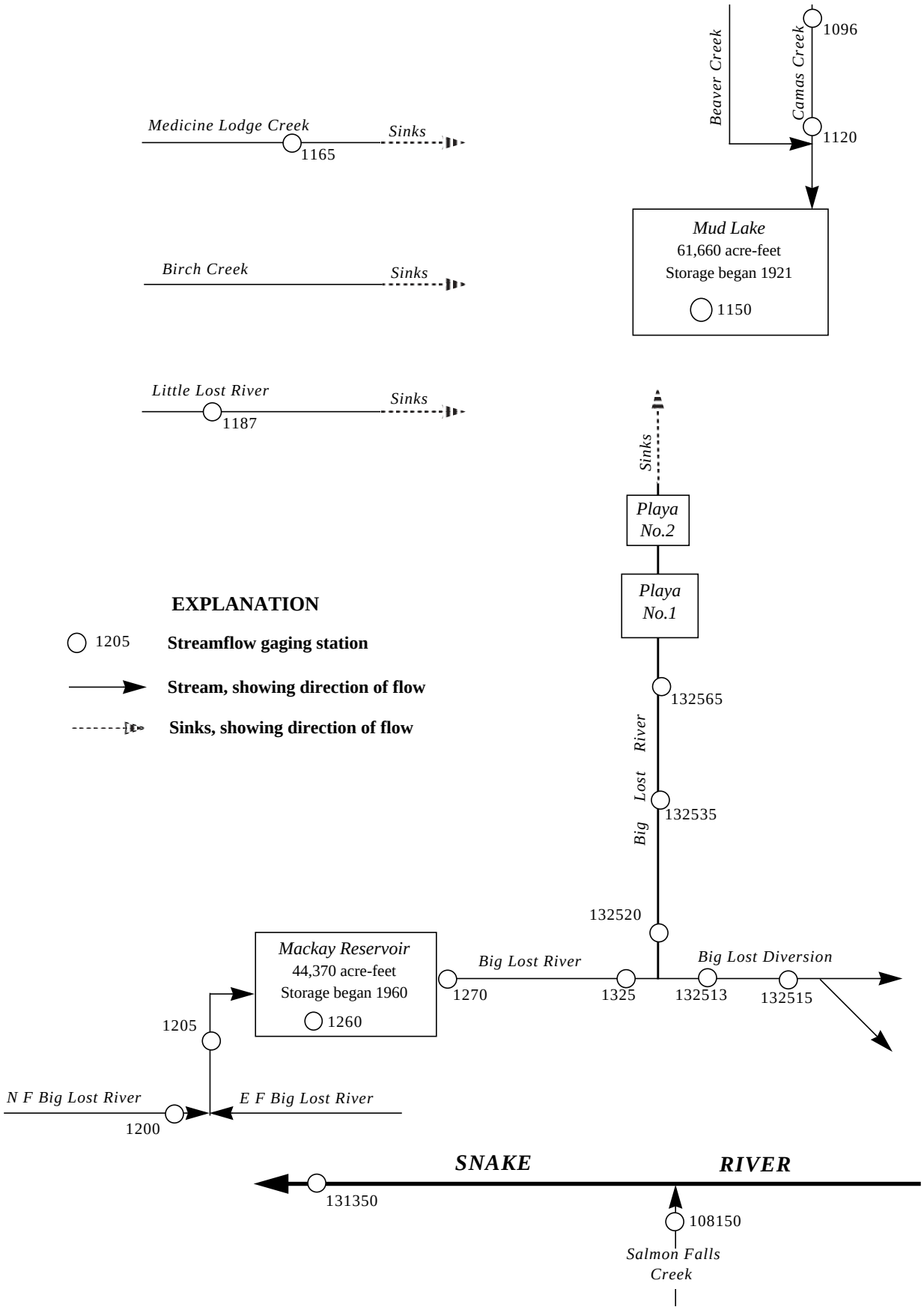

Figure 21. Schematic showing gaging stations in Mud Lake-Lost River Basins.

13109600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

LOCATION.--Lat 44°14'53", long 111°54'59"(revised), (NAD83), in NW¼SE¼SE¼ sec.25, T.11 N., R.38 E., Clark County, Snowshoe Butte quad., Hydrologic Unit 17040214, at diversion structure, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished. 1980, 1983-86, 1993, 1995, 1999, 2005 (flood season only).

REVISED RECORDS.--WDR-ID-85-1: Station number.

GAGE.--Water-stage recorder. Elevation of gage is 6,130 ft above NGVD of 1929, from topographic map. Prior to June 11, 1985, at site 0.2 mi downstream at different datum.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 730 ft³/s May 16, 1984; no flow for long periods, when headgates are closed.

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	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	e82	---	---	---	---
18	---	---	---	---	---	---	---	216	---	---	---	---
19	---	---	---	---	---	---	---	264	---	---	---	---
20	---	---	---	---	---	---	---	91	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
AC-FT	---	---	---	---	---	---	---	---	---	---	---	---

e Estimated

13112000 CAMAS CREEK AT CAMAS, ID

LOCATION.--Lat 44°00'10", long 112°13'16"(revised), (NAD83), in SE¼SE¼ sec.21, T.8 N., R.36 E., Jefferson County, Camas quad., Hydrologic Unit 17040214, on left bank 150 ft upstream from county road bridge, 250 ft upstream from Union Pacific Railroad bridge at Camas, and about 1.1 mi upstream from Beaver Creek.

DRAINAGE AREA.--400 mi^2, approximately. Mean elevation, 6,450 ft.

PERIOD OF RECORD.--April 1925 to October 1970, April 1971 to September 1982, May 1983 to September 1986, April to May 1987, (discharge measurements only November, December, March and June 1987). April to June 1988 (discharge measurement only March 1988), April to June 1989, March 1990 to current year.

REVISED RECORDS.--WSP 813: 1935. WSP 1123: 1947. WSP 1567: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,806.84 ft above NGVD of 1929. Prior to Aug. 21, 1925, nonrecording gage at site 0.1 mi downstream at different datum. Aug. 21, 1925 to Mar. 25, 1927, nonrecording gage, and Mar. 26, 1927 to Sept. 14, 1938, water-stage recorder at site 250 ft upstream at datum 2.01 ft higher.

REMARKS.--Records fair. Diversions above station for irrigation of about 8,100 acres (1966 determination), which may dry up channel at gaging station prior to normal seasonal cessation of flows.

COOPERATION.--Water-stage recorder inspected by employees of Water District 31.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,490 ft^3/s May 16, 1998, gage height, 7.49 ft; maximum gage height, 7.61 ft, May 16, 1984; no flow at times in many years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,200 ft^3/s May 18, gage height, 7.85 ft; no flow for many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	211	199	48	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186	286	34	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183	341	25	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204	248	22	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	316	212	29	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291	218	21	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268	266	25	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	286	328	29	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305	370	27	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	352	345	24	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	512	262	23	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	428	229	26	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	304	263	24	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227	248	17	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203	176	13	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223	147	2.4	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	6.2	587	129	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	45	1060	115	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	53	635	106	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	53	615	94	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	65	675	74	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	53	611	61	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	89	526	52	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	142	472	53	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	298	415	44	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	486	338	36	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	564	274	33	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	e0.00	0.00	412	232	38	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	300	213	37	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	233	199	50	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	189	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	2799.20	11540	5060	389.40	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	93.3	372	169	12.6	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	564	1060	370	48	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183	33	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	5550	22890	10040	772	0.00	0.00

CAL YR 2004 TOTAL 5910.55 MEAN 16.1 MAX 140 MIN 0.00 AC-FT 11720
WTR YR 2005 TOTAL 19788.60 MEAN 54.2 MAX 1060 MIN 0.00 AC-FT 39250

e Estimated

13115000 MUD LAKE NEAR TERRETON, ID

LOCATION.--Lat 43°53'29", long 112°21'29"(revised), (NAD83), in NE¼SE¼ sec.32, T.7 N., R.35 E., Jefferson County, Rays Lake quad., Hydrologic Unit 17040215, at mouth of Camas Creek, 4.4 mi northeast of First Owsley pumphouse, and 5.5 mi northeast of Terreton.

DRAINAGE AREA.--1,130 mi^2, approximately, not including Medicine Lodge Creek.

PERIOD OF RECORD.--April 1921 to current year.

REVISED RECORDS.--WSP 1567: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,774.99 ft above NGVD of 1929. Prior to Oct. 31, 1931, nonrecording gages at or near pumphouse (now used as a supplementary gage) at same datum. Oct. 31, 1931 to Sept. 30, 1954, water-stage recorder at site 2.7 mi southwest and 2 mi north of First Owsley pumphouse at same datum; Oct. 1, 1954 to Sept. 8, 1978, water-stage recorder at site 670 ft north of mouth of Camas Creek at same datum.

REMARKS.--Mud Lake is a perched body of water confined by earth dikes and fed by ground water and surface tributaries augmented by well flows and surface inflow from North Lake. Water for irrigation is diverted from the lake by pumping. Other irrigation diversions are made by various means from adjacent lakes and wells and from Camas Creek above the lake. Area of Mud Lake varies from time to time by changes in dikes. Figures given herein represent contents above gage height -4.0 ft. Capacity table prepared from surveys made by U.S. Geological Survey and adjusted for changes in dikes. Stage at recorder during frequent high winds does not usually represent the mean for the lake. For complete description of Mud Lake region, see WSP 818.

COOPERATION.--Water-stage recorder inspected by employees of Water District 31.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 61,660 acre-ft May 5, 1923, gage height, 9.20 ft, at site then in use; practically no contents Oct. 1 to Nov. 15, 1937, due to diversion of flow from Camas Creek into Camas Creek diversion canal (see Remarks).

EXTREMES FOR CURRENT YEAR.--Maximum contents, 35,700 acre-ft June 17, gage height, 7.66 ft; minimum contents, 7,550 acre-ft Mar. 16, 17, gage height, 1.80 ft.

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

1.0	5,460	5.0	20,500
2.0	8,150	6.0	25,700
3.0	11,600	7.0	31,600
4.0	15,800	8.0	37,900

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	18800	11600	10400	e9320	8630	7880	15700	30500	29600	28800	26400	22800
2	18400	11600	10400	e9320	8600	7840	16600	30600	29000	28400	26400	22300
3	18200	11500	10300	e9280	8560	7810	17500	30800	28600	28200	26700	22000
4	17900	11600	10300	e9280	8530	7810	18500	30900	28700	e28000	26900	21500
5	17400	11600	10200	e9280	8530	7780	19500	30900	29000	27700	26900	20900
6	16800	11500	10200	e9280	8470	7760	20500	31100	29100	27400	27000	20600
7	16400	11500	10100	e9280	8430	7810	e21400	31300	29900	27200	27100	20000
8	15800	11400	e10100	e9280	8400	7700	22300	31600	30400	26800	27200	e19700
9	15400	11300	10100	e9280	8370	7700	23100	31900	31300	e26700	27200	e19400
10	15000	11300	10000	e9280	8340	7700	e23900	32100	32000	26600	27400	19000
11	14600	11200	10000	9250	8340	7670	25000	32100	32800	e26700	27600	e18700
12	14200	11200	9940	e9250	8310	7640	25700	32100	33800	26800	27600	18200
13	13800	11200	9900	9250	e8310	7640	e26600	32200	34600	26800	27700	18100
14	13600	11200	9860	9220	8310	7610	27400	32400	35000	26400	28000	e17700
15	13200	11100	e9860	9150	8280	7580	28100	32600	35100	26200	28400	17400
16	13000	11100	9830	e9120	8280	7550	29100	e32500	35100	26000	28400	e17000
17	12700	11000	9830	9080	8210	e7720	30000	32400	35100	25700	28500	16800
18	12700	11000	9790	9050	8210	7880	31000	32400	35000	25400	e28500	16500
19	12300	11000	9760	8990	8180	7970	32100	32600	35000	25100	28600	16400
20	12400	10900	9720	8990	8180	8090	32900	32900	34800	24800	28400	16300
21	12200	10800	9690	8950	8120	8210	32700	33100	34600	24600	28400	15900
22	e12200	10800	9620	8950	e8120	8370	32400	33300	34300	24500	e28200	15800
23	e12100	10800	9590	8950	8060	8660	32300	e33100	33700	24400	28000	15600
24	12000	10700	9550	8920	8120	9080	32000	32800	33000	24400	27000	15600
25	11800	10700	9480	8860	8120	e9280	31800	32300	32300	24200	26400	15400
26	11800	10700	9450	8790	e8000	e9940	31600	32000	31600	24400	25900	15200
27	11700	10600	9450	8790	e7940	10700	31200	31900	31000	24500	25400	e14900
28	e11700	10600	9350	8760	e7880	11600	30800	31600	30400	24700	25100	14400
29	e11700	10500	e9350	8730	---	12600	30400	31200	29900	25200	24500	14100
30	e11700	10500	e9350	8660	---	13600	30400	30800	29300	25600	23900	13900
31	e11700	---	e9320	8630	---	14500	---	30200	---	26100	23400	---
MAX	18800	11600	10400	9320	8630	14500	32900	33300	35100	28800	28600	22800
MIN	11700	10500	9320	8630	7880	7550	15700	30200	28600	24200	23400	13900
†	---	2.69	---	2.15	---	3.71	6.81	6.78	6.62	6.06	5.57	3.57
‡	-7400	-1200	-1180	-690	-750	6620	15900	-200	-900	-3200	-2700	-9500

CAL YR 2004 MAX 40300 MIN 7010 ‡ 1650
WTR YR 2005 MAX 35100 MIN 7550 ‡ -5200

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

13116500 MEDICINE LODGE CREEK NEAR SMALL, ID

LOCATION.--Lat 44°15'33", long 112°24'37"(revised), (NAD83), in SW¼NE¼ sec.25, T.11 N., R.34 E., Clark County, Indian Creek quad., Hydrologic Unit 17040215, on right bank 400 ft west of H.W. Small's ranch house, 0.4 mi downstream from Indian Creek, 4 mi northwest of Small, and 11 mi northwest of Dubois.

DRAINAGE AREA.--270 mi^2, approximately.

PERIOD OF RECORD.--April 1921 to December 1923, October 1941 to January 1949, May 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,440 ft above NGVD of 1929, from topographic map. Nonrecording gage, Apr. 19, 1921 to Dec. 19, 1923 at a site 100 ft upstream at different datum, 1941-49, water-stage recorder at site 200 ft upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Many small diversions above station for irrigation. Water also diverted by ranches above station during winter months.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 481 ft^3/s June 19, 1995, gage height, 9.09 ft; minimum observed, 3.8 ft^3/s Jan. 5, 2004, from discharge measurement.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 195 ft^3/s May 21; minimum daily, 17 ft^3/s Jan. 15.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	26	e26	e26	e22	e30	32	39	118	93	49	53
2	26	29	e34	e24	e22	e32	32	58	119	91	51	51
3	26	29	e30	e22	e24	e32	39	56	117	89	60	50
4	24	28	e30	e18	e24	e34	39	62	106	86	51	49
5	24	28	e28	e20	e24	33	37	58	102	81	50	49
6	23	26	e32	e20	e22	33	32	74	127	80	49	48
7	23	26	e30	e20	e24	33	36	69	132	78	52	47
8	23	26	e32	e20	e22	34	59	58	139	78	53	46
9	23	26	e32	e20	e22	35	46	65	132	74	53	46
10	24	25	34	e20	e22	36	39	78	115	76	56	48
11	23	26	35	e20	e22	39	38	83	111	80	57	52
12	22	26	33	e18	e28	41	37	77	116	74	54	51
13	22	27	32	e20	e26	37	39	70	110	65	56	50
14	23	27	32	e18	e26	31	44	69	103	64	55	49
15	23	27	31	e17	e24	36	38	71	100	65	52	47
16	24	27	32	e20	e28	35	39	107	97	65	50	46
17	24	28	32	e20	e28	35	38	182	106	62	52	47
18	28	e28	32	e20	e32	31	43	170	116	63	56	51
19	26	e26	32	e20	e34	35	44	191	104	60	56	48
20	34	e28	e32	e22	e34	43	51	180	97	59	52	46
21	30	e24	e24	e22	e32	39	53	195	97	57	50	46
22	30	e26	e30	e20	e30	36	51	181	101	55	48	47
23	31	e30	e26	e20	e30	35	48	177	98	54	48	46
24	31	e28	e28	e20	e30	21	47	159	101	52	46	48
25	30	e30	e30	e20	e30	30	53	147	102	52	46	49
26	31	e30	e30	e20	e30	29	47	137	104	57	46	49
27	34	e28	e28	e20	e30	32	43	127	103	55	46	48
28	35	e26	e26	e20	e30	35	41	121	104	49	44	49
29	36	e22	e28	e20	---	35	39	119	110	49	43	48
30	33	e24	e30	e20	---	31	38	116	99	49	43	48
31	31	---	e28	e20	---	28	---	109	---	50	51	---
TOTAL	841	807	939	627	752	1046	1262	3405	3286	2062	1575	1452
MEAN	27.1	26.9	30.3	20.2	26.9	33.7	42.1	110	110	66.5	50.8	48.4
MAX	36	30	35	26	34	43	59	195	139	93	60	53
MIN	22	22	24	17	22	21	32	39	97	49	43	46
AC-FT	1670	1600	1860	1240	1490	2070	2500	6750	6520	4090	3120	2880

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2005, BY WATER YEAR (WY)

MEAN	50.7	48.5	41.4	40.3	45.0	52.5	56.5	83.8	105	76.9	59.3	50.6
MAX	92.5	86.0	74.3	72.6	70.8	73.2	90.8	215	383	237	124	98.7
(WY)	1996	1999	2000	1999	2000	2000	1999	1998	1995	1995	1995	1995
MIN	27.1	26.9	17.3	18.5	26.9	33.7	37.6	42.9	39.3	32.0	28.2	28.7
(WY)	2005	2005	1993	1949	2005	2005	1991	2002	1992	1994	2002	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1921 - 2005	
ANNUAL TOTAL	12469.0		18054			
ANNUAL MEAN	34.1		49.5		59.5	
HIGHEST ANNUAL MEAN					109	1999
LOWEST ANNUAL MEAN					34.0	2004
HIGHEST DAILY MEAN	68	Jun 11	195	May 21	470	Jun 15 1995
LOWEST DAILY MEAN	4.0	Jan 5	17	Jan 15	4.0	Jan 5 2004
ANNUAL SEVEN-DAY MINIMUM	9.9	Jan 2	19	Jan 9	9.9	Jan 2 2004
ANNUAL RUNOFF (AC-FT)	24730		35810		43080	
10 PERCENT EXCEEDS	49		102		89	
50 PERCENT EXCEEDS	32		37		51	
90 PERCENT EXCEEDS	24		22		30	

e Estimated

13118700 LITTLE LOST RIVER BELOW WET CREEK, NEAR HOWE, ID

LOCATION.--Lat 44°08'19", long 113°14'43", (NAD83), in NW¼SE¼ sec.4, T.9 N., R.27 E., Butte County, Bell Mountain quad., Hydrologic Unit 17040217, U.S. Bureau of Land Management lands, on right bank at Clyde School, 0.25 mi downstream from Wet Creek, and 27 mi northwest of Howe.

DRAINAGE AREA.--440 mi^2, approximately.

PERIOD OF RECORD.--January 1958 to current year.

REVISIONS.--WDR-ID-1: 1991 (m).

GAGE.--Water-stage recorder. Elevation of gage is 5,880 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. Diversions above station for irrigation of about 3,800 acres, of which about 2,000 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 509 ft^3/s June 16, 1975, gage height, 3.19 ft, but may have been more during period of doubtful gage-height record in 1958; maximum gage height recorded, 5.99 ft, Feb. 8, 1979, backwater from ice; minimum recorded, 2.8 ft^3/s Dec. 13, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 300 ft^3/s May 25, gage height, 2.85 ft; minimum daily, 4.5 ft^3/s Jan. 15.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	22	e9.5	e8.0	e7.0	12	20	39	223	131	58	34
2	23	24	e10	e6.5	e7.5	12	21	38	200	127	59	33
3	23	23	e9.5	e5.5	e8.0	12	21	40	179	123	60	31
4	22	25	e9.0	e5.0	e9.0	13	20	42	164	117	51	31
5	21	25	e8.0	e5.5	e8.5	13	19	48	160	112	48	31
6	22	26	e8.5	e5.5	e8.0	13	21	68	177	107	45	32
7	22	26	e8.5	e5.5	e9.0	14	22	74	167	100	45	30
8	22	26	e8.5	e5.5	e8.0	22	24	75	171	103	47	30
9	21	27	e8.5	e5.5	e8.0	22	24	81	154	100	49	29
10	22	27	e9.0	e5.5	e8.0	21	23	95	140	99	52	32
11	22	26	e9.0	e5.5	e8.0	21	24	97	142	93	51	34
12	22	26	9.0	e5.0	e10	21	23	92	150	78	46	34
13	22	25	8.9	e5.5	e12	18	23	84	139	84	46	34
14	22	23	8.9	e5.0	12	18	25	83	148	76	45	31
15	22	26	9.1	e4.5	e10	18	24	88	175	71	42	31
16	22	23	9.7	e5.5	e10	19	24	103	160	69	39	31
17	22	20	9.1	e5.5	e10	19	26	153	174	71	38	33
18	24	18	e9.0	e6.0	e11	17	27	157	180	64	39	34
19	24	17	e9.0	e6.0	e12	19	27	178	154	60	38	31
20	26	16	e9.0	e6.5	e12	19	27	232	146	60	36	33
21	25	e14	e7.0	e6.5	e11	16	26	244	151	57	35	32
22	25	e12	e8.0	e6.0	11	17	26	240	137	54	35	32
23	27	12	e7.0	e6.0	11	18	27	255	118	58	35	31
24	25	11	e7.5	e6.0	12	16	29	262	136	56	35	34
25	23	11	e8.5	e6.0	12	19	29	250	123	54	35	34
26	27	e12	e8.5	e6.0	12	18	33	246	129	53	35	35
27	27	e11	e8.0	e6.0	12	21	37	234	146	51	33	36
28	30	e10	e7.5	e6.5	12	20	41	228	161	49	33	37
29	26	e8.5	e8.0	e6.5	---	18	40	230	156	51	32	36
30	27	e9.0	e8.0	e6.5	---	18	40	228	142	54	33	35
31	26	---	e8.0	e6.5	---	18	---	224	---	54	35	---
TOTAL	736	581.5	265.7	181.5	281.0	542	793	4508	4702	2436	1310	981
MEAN	23.7	19.4	8.57	5.85	10.0	17.5	26.4	145	157	78.6	42.3	32.7
MAX	30	27	10	8.0	12	22	41	262	223	131	60	37
MIN	21	8.5	7.0	4.5	7.0	12	19	38	118	49	32	29
AC-FT	1460	1150	527	360	557	1080	1570	8940	9330	4830	2600	1950

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2005, BY WATER YEAR (WY)

MEAN	54.0	37.6	21.2	21.3	24.0	33.8	59.4	142	186	92.6	57.3	53.7
MAX	101	70.0	47.2	52.7	45.3	58.2	162	261	365	208	141	128
(WY)	1985	1985	1985	1985	1985	1986	1969	1969	1995	1975	1984	1984
MIN	16.1	11.3	8.00	3.50	9.00	10.7	18.6	53.3	51.8	28.9	17.2	17.7
(WY)	2004	2004	1964	1964	1964	2004	2002	1961	1992	2003	2003	2003

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1958 - 2005	
ANNUAL TOTAL	10465.6		17317.7			
ANNUAL MEAN	28.6		47.4		65.0	
HIGHEST ANNUAL MEAN					115	1984
LOWEST ANNUAL MEAN					27.4	2004
HIGHEST DAILY MEAN	123	Jun 6	262	May 24	486	Jun 16 1975
LOWEST DAILY MEAN	3.0	Jan 5	4.5	Jan 15	3.0	Jan 5 2004
ANNUAL SEVEN-DAY MINIMUM	4.4	Jan 2	5.2	Jan 9	3.5	Jan 1 1964
ANNUAL RUNOFF (AC-FT)	20760		34350		47090	
10 PERCENT EXCEEDS	76		144		142	
50 PERCENT EXCEEDS	22		26		45	
90 PERCENT EXCEEDS	8.0		7.8		17	

e Estimated

13120000 NORTH FORK BIG LOST RIVER AT WILD HORSE, NEAR CHILLY, ID

LOCATION.--Lat 43°55'58", long 114°06'50"(revised), (NAD83), in NE¼SE¼ sec.17, T.7 N., R.20 E., Custer County, Harry Canyon quad., Hydrologic Unit 17040218, in Challis National Forest, on right bank 0.2 mi upstream from East Fork, 2 mi downstream from Wild Horse damsite, and 16 mi southwest of Chilly.

DRAINAGE AREA.--114 mi^2. Mean elevation, 8,540 ft.

PERIOD OF RECORD.--March 1944 to current year. Prior to October 1967, published as “Big Lost River at Wild Horse, near Chilly”.

GAGE.--Water-stage recorder. Elevation of gage is 6,820 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. There are several small ranch diversions upstream for local irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft^3⁄s June 5, 1997, gage height, 5.65 ft; minimum, 4.9 ft^3⁄s Feb. 17, 1988, gage height, 0.92 ft, result of freezeup.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft^3⁄s and maximum (*):

Date	Time	Discharge (ft^3⁄s)	Gage height (ft)	Date	Time	Discharge (ft^3⁄s)	Gage height (ft)
May 20	0015	*1,350	*5.36	June 17	0015	469	3.67
May 29	0500	670	4.15	June 23	0045	552	3.88

Minimum, 7.3 ft^3⁄s Feb. 15, 17, gage height, 0.95 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	46	26	17	17	16	17	20	70	513	332	81	36
2	44	28	19	e17	16	17	24	70	420	336	77	35
3	42	30	18	19	17	17	23	80	361	313	74	34
4	41	29	18	18	17	16	22	94	324	274	68	33
5	40	29	17	18	17	16	20	102	336	263	65	33
6	40	29	18	e18	16	16	26	143	331	263	63	33
7	38	28	18	18	17	16	31	145	308	270	61	32
8	37	28	18	19	16	17	31	134	280	285	62	32
9	37	29	18	19	16	19	28	149	255	284	63	31
10	36	29	19	e17	17	21	26	150	236	253	62	32
11	36	30	19	e17	17	22	27	140	222	216	59	33
12	35	30	20	e17	19	25	29	127	211	202	55	34
13	34	29	19	e18	18	23	30	119	210	214	54	34
14	34	28	19	e17	17	20	31	135	234	204	52	33
15	34	28	19	e18	15	20	28	186	324	177	50	32
16	33	29	16	18	17	20	30	491	399	176	49	32
17	33	29	18	e17	17	21	34	563	439	167	48	33
18	37	27	18	18	17	19	37	430	360	140	47	37
19	35	26	19	18	19	21	34	1030	299	128	46	36
20	35	26	19	19	19	22	34	1080	295	122	44	34
21	34	20	15	19	19	21	32	876	375	114	44	34
22	33	23	18	18	17	21	32	674	478	107	45	33
23	33	24	18	17	17	21	38	742	501	115	45	32
24	31	24	18	16	17	20	40	668	461	102	42	34
25	30	25	18	17	17	19	43	541	411	94	41	35
26	31	22	18	17	17	18	56	496	397	87	41	35
27	31	21	19	17	17	20	67	510	367	82	39	34
28	33	19	19	17	17	22	83	546	375	79	38	34
29	32	15	19	16	---	21	82	635	330	78	37	33
30	32	16	20	16	---	20	76	586	316	87	36	32
31	30	---	18	15	---	18	---	504	---	85	37	---
TOTAL	1097	776	566	542	478	606	1114	12216	10368	5649	1625	1005
MEAN	35.4	25.9	18.3	17.5	17.1	19.5	37.1	394	346	182	52.4	33.5
MAX	46	30	20	19	19	25	83	1080	513	336	81	37
MIN	30	15	15	15	15	16	20	70	210	78	36	31
AC-FT	2180	1540	1120	1080	948	1200	2210	24230	20560	11200	3220	1990
CFSM	0.31	0.23	0.16	0.15	0.15	0.17	0.33	3.46	3.03	1.60	0.46	0.29
IN.	0.36	0.25	0.18	0.18	0.16	0.20	0.36	3.99	3.38	1.84	0.53	0.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	37.8	30.9	25.3	23.8	21.5	22.4	61.0	276	406	194	69.9	46.1
MAX	63.5	117	88.2	79.6	70.9	62.1	153	584	848	602	178	122
(WY)	1984	1984	1984	1984	1984	1984	1969	1958	1965	1995	1965	1985
MIN	19.7	15.8	14.1	14.1	14.7	13.0	17.2	66.2	115	52.5	25.5	21.4
(WY)	2003	2004	1993	1991	1961	2002	1955	1977	2001	1994	2001	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	22000		36042			
ANNUAL MEAN	60.1		98.7		101	
HIGHEST ANNUAL MEAN					184	1965
LOWEST ANNUAL MEAN					48.9	2001
HIGHEST DAILY MEAN	343	Jun 6	1080	May 20	1410	Jun 5 1997
LOWEST DAILY MEAN	13	Jan 22	15	Nov 29	9.5	Dec 22 1990
ANNUAL SEVEN-DAY MINIMUM	14	Mar 1	16	Jan 27	11	Dec 21 1990
ANNUAL RUNOFF (AC-FT)	43640		71490		73440	
ANNUAL RUNOFF (CFSM)	0.527		0.866		0.889	
ANNUAL RUNOFF (INCHES)	7.18		11.76		12.08	
10 PERCENT EXCEEDS	159		324		294	
50 PERCENT EXCEEDS	35		32		36	
90 PERCENT EXCEEDS	15		17		19	

e Estimated

13120500 BIG LOST RIVER AT HOWELL RANCH, NEAR CHILLY, ID

LOCATION.--Lat 43°59'54", long 114°01'16", (NAD83), in NE¼NW¼ sec.30, T.8 N., R.21 E., Custer County, Harry Canyon quad., Hydrologic Unit 17040218, on left bank at Howell Ranch, 2.1 mi downstream from Burnt Creek, 7.7 mi downstream from East Fork, 9 mi southwest of Chilly, and 21 mi northwest of Mackay.

DRAINAGE AREA.--450 mi^2. Mean elevation, 8,590 ft.

PERIOD OF RECORD.--April 1904 to November 1914, May 1920 to current year (no winter records 1904, 1906-14, 1920-48).

REVISED RECORDS.--WSP 1287: Drainage area. WSP 1317: 1905.

GAGE.--Water-stage recorder. Datum of gage is 6,621.95 ft above NGVD of 1929. See WSP 1737 for history of changes prior to June 11, 1920.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. No regulation. Diversions above station for irrigation of about 3,000 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,420 ft^3/s May 25, 1967, gage height, 6.02 ft; minimum observed, 19 ft^3/s Dec. 12, 1939, from discharge measurement.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 900 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 19	2345	*3,380	*4.81	June 17	0315	1,730	3.62
May 29	0415	2,060	3.90	June 23	0100	1,990	3.84

Minimum daily, 46 ft^3/s Feb. 15.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	138	93	e80	e70	e50	e55	70	183	1600	1040	273	111
2	134	107	e85	e70	e50	e55	77	186	1300	1090	257	107
3	129	105	e80	e75	e55	e55	81	220	1090	1020	245	104
4	125	107	e80	e70	e55	e50	77	263	957	856	223	102
5	123	99	e75	e70	e55	e50	70	288	1010	829	209	101
6	120	97	e80	e70	e48	e50	76	418	1000	822	203	102
7	117	97	e85	e70	e50	e50	98	419	897	857	201	100
8	114	99	e85	e75	e50	e55	115	375	825	907	201	98
9	111	103	e85	e75	e50	e60	95	434	741	907	204	97
10	111	102	e85	e70	e50	e65	86	477	678	787	204	100
11	110	103	e90	e70	e50	e70	87	426	642	665	198	107
12	108	103	e90	e70	e55	e75	93	425	626	619	181	109
13	107	99	e90	e75	e55	e65	106	362	615	663	174	109
14	105	95	e85	e70	e50	e60	121	398	700	643	172	109
15	104	92	e85	e75	e46	e60	96	524	1060	546	164	106
16	103	99	e75	e75	e50	e60	96	1140	1400	539	157	104
17	103	98	e80	e75	e55	e65	112	1580	1610	530	155	105
18	114	90	e80	e75	e55	e60	138	1200	1210	443	154	121
19	111	91	e85	e75	e65	e65	116	2540	924	414	152	117
20	112	e85	e85	e75	e65	73	108	2860	946	398	144	110
21	111	e70	e65	e75	e55	71	100	2440	1300	379	138	106
22	106	e80	e75	e70	e50	70	96	1980	1710	357	140	107
23	108	e90	e75	e65	e50	70	112	2190	1750	394	143	104
24	104	e90	e75	e60	e50	69	125	2140	1570	346	135	107
25	98	e95	e75	e65	e50	65	134	1760	1370	312	129	113
26	104	e85	e75	e70	e50	64	181	1580	1320	287	122	110
27	107	e80	e75	e65	e50	70	220	1630	1180	273	118	109
28	116	e75	e75	e65	e55	76	262	1770	1210	262	115	115
29	116	e60	e75	e60	---	73	232	1960	1040	254	112	108
30	109	e65	e80	e55	---	69	204	1750	948	293	111	105
31	102	---	e70	e50	---	65	---	1590	---	285	112	---
TOTAL	3480	2754	2480	2150	1469	1960	3584	35508	33229	18017	5246	3203
MEAN	112	91.8	80.0	69.4	52.5	63.2	119	1145	1108	581	169	107
MAX	138	107	90	75	65	76	262	2860	1750	1090	273	121
MIN	98	60	65	50	46	50	70	183	615	254	111	97
AC-FT	6900	5460	4920	4260	2910	3890	7110	70430	65910	35740	10410	6350

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	124	105	86.0	81.1	75.7	79.9	181	764	1192	585	215	143
MAX	235	373	278	245	218	194	485	1880	2389	1754	631	378
(WY)	1909	1984	1984	1984	1984	1984	1943	1969	1911	1995	1907	1985
MIN	58.0	50.2	40.8	39.2	35.6	47.1	41.2	200	221	93.5	54.2	47.7
(WY)	1934	2004	1993	1991	2003	1961	1912	1977	1934	1934	1934	1934

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	68832		113080			
ANNUAL MEAN	188		310		310	
HIGHEST ANNUAL MEAN					538	1965
LOWEST ANNUAL MEAN					154	1992
HIGHEST DAILY MEAN	1110	Jun 6	2860	May 20	3820	May 25 1967
LOWEST DAILY MEAN	30	Feb 13	46	Feb 15	27	Apr 1 1912
ANNUAL SEVEN-DAY MINIMUM	41	Feb 9	50	Feb 5	32	Dec 21 1990
ANNUAL RUNOFF (AC-FT)	136500		224300		224600	
10 PERCENT EXCEEDS	478		1000		862	
50 PERCENT EXCEEDS	107		105		117	
90 PERCENT EXCEEDS	60		58		65	

e Estimated

13126000 MACKAY RESERVOIR NEAR MACKAY, ID

LOCATION.--Lat 43°57'05", long 113°40'30"(revised), (NAD83), in NW¼NE¼SW¼ sec.12, T.7 N., R.23 E., Custer County, Mackay Reservoir quad., Hydrologic Unit 17040218, on gate-control tower of Mackay Dam on Big Lost River, and 4 mi northwest of Mackay.

DRAINAGE AREA.--788 mi^2.

PERIOD OF RECORD.--January 1919 to current year.

REVISED RECORDS.--WDR ID-87-1: 1985-86 (M).

GAGE.--Water-stage recorder. Datum of gage is 6,000 ft, Utah Construction Co. datum, or 6,000.4 ft above NGVD of 1929. Prior to Oct. 15, 1959, nonrecording gage at same site and datum.

REMARKS.--Reservoir is formed by earth- and rock-fill dam, which was reconstructed in 1917-18; storage impounded by original dam not recorded. Crest of spillway was raised 5 ft in September 1956. Capacity is 44,370 acre-ft between gage heights 7.0 and 66.5 ft, crest of spillway. Dead storage reported to be about 125 acre-ft. Water is used for irrigation of about 33,000 acres in Big Lost River irrigation district. About 12,700 acres irrigated from Big Lost River and tributaries above reservoir by surface diversions, and about 10,200 acres irrigated by subirrigation. Considerable seepage around dam because of its porous foundation, but the greater part of this water returns to Big Lost River between reservoir and station below reservoir, near Mackay. Prior to Oct. 1, 1959, contents below 1,000 acre-ft may be in error at times, as readings at gage were too low because of fall in outlet channel. Figures given herein represent usable contents.

COOPERATION.--Capacity table furnished by Water District 34.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 46,100 acre-ft May 14, 1976, gage height, 67.73 ft; no available contents during periods in 1919-20, 1924, 1926, 1929, 1931-35, 1974; minimum gage height observed, 6.3 ft, Aug. 5, 1934.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 45,800 acre-ft May 29, gage height 67.51 ft; minimum observed contents, 310 acre-ft Oct. 5, 14, 15; minimum gage height, 8.73 ft, Oct. 14, 15; no useable contents Oct. 1-15, when natural flow was passing through the reservoir.

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	---	4050	10200	15700	19900	22900	25500	27500	45300	44200	25900	12500
2	---	4240	10400	15800	20100	23000	25600	27500	45000	44300	25400	12100
3	---	4460	10600	16000	20200	23100	25600	27600	44700	44300	24900	11800
4	---	4660	10800	16200	20300	23200	25700	27600	44400	44200	24300	11500
5	e310	4850	11000	16300	20400	23300	25800	27800	44400	44100	23800	11200
6	---	5050	11200	16400	20500	23400	25800	27800	44500	44000	23200	10800
7	---	5250	11400	16600	20600	23500	25900	27800	44500	43700	22700	10500
8	---	5440	11600	16800	20800	23600	26000	27700	44500	43500	22200	10100
9	---	5660	11800	16900	20900	23700	26000	27800	44400	43100	21600	9840
10	---	5880	12000	17100	21000	23800	26100	27800	44300	42600	21200	9520
11	---	6090	12200	17200	21100	23900	26100	27900	44200	41800	20700	9240
12	---	6300	12400	17400	21200	24000	26200	27900	44000	41000	20300	8970
13	---	6510	12600	17500	21300	24000	26200	28000	43700	40100	19900	8700
14	e310	6700	12800	17600	21400	24100	26300	28000	43400	39200	19500	8460
15	e310	6910	12900	17800	21500	24200	26400	28100	43200	38200	19100	8300
16	520	7100	13100	17900	21600	24300	26400	28200	43100	37200	18700	8150
17	820	7300	13300	18000	21700	24400	26500	29000	43300	36200	18400	7980
18	1080	7500	13400	18200	21800	24400	26600	29900	43500	35200	18000	7840
19	1330	7710	13600	18300	21900	24500	26700	31300	43400	34300	17800	7720
20	1580	7930	13800	18400	22000	24600	26800	34500	43000	33400	17400	7620
21	1820	8140	13900	18600	22200	24700	26800	37500	42900	32500	17100	7540
22	2030	8370	14100	18700	22200	24800	26900	39700	43400	31800	16800	7470
23	2250	8580	14200	18800	22400	24900	27000	41800	44100	31000	16400	7390
24	2450	8810	14400	18900	22400	25000	27000	43900	44300	30200	15900	7340
25	2640	9020	14600	19100	22600	25000	27100	45100	44300	29400	15500	7270
26	2850	9230	14700	19200	22600	25100	27200	45400	44300	28700	15000	7210
27	3040	9450	14900	19300	22700	25200	27200	45500	44200	28100	14600	7180
28	3290	9640	15000	19400	22800	25200	27300	45600	44400	27500	14200	7160
29	3480	9840	15200	19600	---	25300	27400	45800	44300	27100	13700	7130
30	3680	10000	15400	19700	---	25400	27400	45600	44200	26800	13300	7090
31	3870	---	15500	19800	---	25400	---	45400	---	26400	12800	---
MAX	---	10000	15500	19800	22800	25400	27400	45800	45300	44300	25900	12500
MIN	---	4050	10200	15700	19900	22900	25500	27500	42900	26400	12800	7090
†	20.31	32.08	39.73	44.86	48.14	50.73	52.62	67.22	66.39	51.68	36.14	27.14
‡	3550	6130	5500	4300	3000	2600	2000	18000	-1200	-17800	-13600	-5710

CAL YR 2004 ‡ 1700
WTR YR 2005 ‡ 6770

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

13127000 BIG LOST RIVER BELOW MACKAY RESERVOIR, NEAR MACKAY, ID

LOCATION.--Lat 43°56'21", long 113°38'54", (NAD83), in SW¼ NE¼ SE¼ sec.18, T.7 N., R.24 E., Custer County, Mackay Reservoir quad., Hydrologic Unit 17040218, on left bank 1.4 mi downstream from head of Sharp ditch, 1.6 mi downstream from Mackay Reservoir, and 2.5 mi northwest of Mackay.

DRAINAGE AREA.--813 mi^2.

PERIOD OF RECORD.--December 1903 to August 1906, and May 1912 to March 1915 (published as "near Mackay"), January 1919 to current year.

REVISED RECORDS.--WSP 1347: 1904-6.

GAGE.--Water-stage recorder. Datum of gage is 5,946.39 ft above NGVD of 1929. Nonrecording gage prior to May 12, 1912, and June 5, 1912 to Apr. 28, 1913, at sites within 1 mi upstream at different datums; May 12 to June 4, 1912, at site 1.5 mi upstream (above Sharp ditch) at different datum; Apr. 29, 1913 to Mar. 15, 1915, at site 1 mi downstream (below Streeter ditch) at different datum.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow completely regulated by Mackay Reservoir (see sta 13126000). Sharp ditch is only diversion between station and reservoir; about 12,700 acres of land are irrigated by diversions from river and tributaries above reservoir by surface diversions, and 10,200 acres irrigated by subirrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,990 ft^3/s June 10, 1921, June 6, 1986; maximum gage height, 6.08 ft, June 6, 1986; minimum, 16 ft^3/s Oct. 27, 1967, gage height, 1.11 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,350 ft^3/s May 30, gage height, 4.07 ft; minimum daily, 48 ft^3/s Nov. 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	167	73	56	75	88	94	103	103	1180	752	471	377
2	166	68	57	75	89	96	103	103	1110	748	477	358
3	163	62	58	75	89	96	103	103	952	756	480	344
4	163	60	59	77	89	96	103	103	800	751	471	338
5	163	62	60	77	89	96	103	104	684	700	461	336
6	163	63	61	77	89	96	102	125	645	698	458	347
7	163	63	62	79	89	97	101	143	638	742	461	348
8	163	61	62	80	89	98	101	137	619	752	469	336
9	162	54	61	80	89	98	101	140	602	824	467	335
10	162	50	63	80	90	98	101	120	576	878	449	331
11	163	50	63	81	91	98	101	103	546	900	425	327
12	160	50	64	81	91	98	101	102	529	901	407	326
13	163	52	65	82	91	98	102	101	530	894	392	322
14	165	52	65	82	93	98	103	98	531	901	386	311
15	164	54	65	82	93	98	103	96	560	905	383	271
16	102	57	65	82	93	98	103	100	662	881	380	260
17	62	58	67	82	93	98	103	100	747	853	360	265
18	62	59	67	83	93	98	104	100	781	826	341	261
19	62	55	67	84	93	98	104	103	783	785	344	251
20	62	48	69	84	93	101	104	109	776	764	345	236
21	60	49	69	84	93	101	103	239	758	695	344	230
22	59	49	69	84	93	101	103	369	693	651	347	228
23	61	50	69	84	93	101	103	433	794	634	368	228
24	63	50	69	86	93	101	103	503	1010	610	394	227
25	65	51	71	86	93	101	103	762	1020	595	403	227
26	69	52	71	86	93	101	103	1020	975	564	400	220
27	73	52	72	86	93	101	104	1060	935	535	397	214
28	76	53	73	86	93	103	103	1090	887	513	393	207
29	76	54	74	86	---	103	103	1230	889	417	396	201
30	75	55	75	86	---	101	103	1320	818	371	396	208
31	76	---	75	86	---	102	---	1240	---	431	392	---
TOTAL	3553	1666	2043	2538	2558	3064	3080	11459	23030	22227	12657	8470
MEAN	115	55.5	65.9	81.9	91.4	98.8	103	370	768	717	408	282
MAX	167	73	75	86	93	103	104	1320	1180	905	480	377
MIN	59	48	56	75	88	94	101	96	529	371	341	201
AC-FT	7050	3300	4050	5030	5070	6080	6110	22730	45680	44090	25110	16800

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	168	105	109	120	128	145	157	473	938	666	404	227
MAX	487	660	476	292	304	544	516	1193	2011	1652	895	635
(WY)	1924	1984	1984	1984	1984	1969	1984	1958	1965	1995	1984	1965
MIN	59.5	45.1	53.8	64.2	76.0	83.8	85.2	116	203	127	113	99.8
(WY)	1951	1955	2003	2003	2003	2003	2003	1933	1934	1934	1934	1940

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	60010		96345			
ANNUAL MEAN	164		264		304	
HIGHEST ANNUAL MEAN					658	1984
LOWEST ANNUAL MEAN					128	1934
HIGHEST DAILY MEAN	581	May 17	1320	May 30	2990	Jun 10 1921
LOWEST DAILY MEAN	48	Nov 20	48	Nov 20	22	Oct 18 1960
ANNUAL SEVEN-DAY MINIMUM	50	Nov 20	50	Nov 20	23	Oct 18 1960
ANNUAL RUNOFF (AC-FT)	119000		191100		220100	
10 PERCENT EXCEEDS	402		754		741	
50 PERCENT EXCEEDS	90		103		156	
90 PERCENT EXCEEDS	62		62		79	

13132500 BIG LOST RIVER NEAR ARCO, ID

LOCATION.--Lat 43°34'55", long 113°16'15"(revised), (NAD83), in SW¼SE¼SW¼ sec.17, T.3 N., R.27 E., Arco South quad., Butte County, Hydrologic Unit 17040218, on right bank 0.4 mi downstream from slough entering from left bank, and 4 mi southeast of Arco.

DRAINAGE AREA.--1,410 mi^2, approximately.

PERIOD OF RECORD.--August 1946 to September 1961, May 1966 to September 1980, March to September 1981, May 1982 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,240 ft above NGVD of 1929, by barometer. Prior to Oct. 14, 1952, at site 800 ft upstream at datum 3.08 ft higher.

REMARKS.--Records good. Station equipment includes satellite telemetry. Flow regulated by Mackay Reservoir (see sta 13126000). Station is below all large diversions for irrigation in Big Lost River valley. About 57,500 acres of land irrigated by diversions from river and tributaries and by ground-water withdrawals above station. About 10,200 acres irrigated by subirrigation above Mackay Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft^3/s July 5, 1967, gage height, 7.68 ft; no flow for long periods many years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 29, 1965, reached a stage of 8.03 ft, from floodmarks, discharge, 2,500 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 245 ft^3/s June 1, gage height, 4.43 ft; no flow for many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	234	7.0	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224	1.4	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176	0.85	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128	0.28	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91	0.35	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.1	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.8	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	4.1	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.1	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.9	0.00	0.00
15	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	0.00	0.00
16	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.2	0.00	0.00
17	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.4	0.00	0.00
18	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.8	0.00	0.00
19	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	7.1	2.0	0.00	0.00
20	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	8.8	1.8	0.00	0.00
21	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	2.0	1.8	0.00	0.00
22	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.9	0.00	0.00
23	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29	49	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126	56	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	163	56	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	203	31	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	214	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	735.00	1228.82	43.91	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.7	41.0	1.42	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214	234	7.0	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1460	2440	87	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1946 - 2005, BY WATER YEAR (WY)

MEAN	74.6	80.5	68.7	55.9	58.4	78.2	89.7	123	237	133	45.9	66.0
MAX	371	759	614	347	314	390	653	841	1118	918	502	395
(WY)	1985	1984	1984	1984	1984	1984	1969	1984	1983	1967	1984	1984
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	1961	1961	1989	1961	1961	1989	1961	1961	1960	1961	1960	1960

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1946 - 2005	
ANNUAL TOTAL	0.00		2007.73			
ANNUAL MEAN	0.00		5.50		91.7	
HIGHEST ANNUAL MEAN					546	1984
LOWEST ANNUAL MEAN					0.00	1989
HIGHEST DAILY MEAN	0.00	Jan 1	234	Jun 1	1840	Jul 5 1967
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	May 14 1960
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	May 14 1960
ANNUAL RUNOFF (AC-FT)	0.00		3980		66440	
10 PERCENT EXCEEDS	0.00		1.8		236	
50 PERCENT EXCEEDS	0.00		0.00		28	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

13132513 INL DIVERSION AT HEAD NEAR ARCO, ID

LOCATION.--Lat 43°30'49", long 113°05'02"(revised), (NAD83), in NE¼NW¼SE¼ sec.11, T.2 N., R.28 E., Butte County, Arco Hills SE quad., Hydrologic Unit 17040218, on left bank, 0.05 mi south of head of INL diversion, 0.4 mi north of intersection of gravel road from highway 20-26 with road on top of dike, and 13.2 mi southeast of Arco.

PERIOD OF RECORD.--1965-68 (discharge measurements only); July 1984 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 5,000.00 ft above NGVD of 1929 (levels by USGS).

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow is regulated by Mackay Reservoir (see sta 13126000) and is diverted from the Big Lost River for purposes of flood control at the Idaho National Laboratory facilities.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 1,290 ft³/s June 9, 1986; no flow on many days.

EXTREMES FOR CURRENT YEAR.--No flow for entire 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CAL YR 2004 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00
WTR YR 2005 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00

13132515 INL DIVERSION AT OUTLET OF SPREADING AREA A NEAR ARCO, ID

LOCATION.--Lat 43°29'44", long 113°04'24", (NAD83), in NE¼SW¼SW¼ sec.13, T.2 N., R.28 E., Butte County, Big Southern Butte quad., Hydrologic Unit 17040218, on left bank, 1.4 mi south of head of INL diversion, 0.05 mi south of outlet of spreading area A, and 14.5 mi southeast of Arco.

PERIOD OF RECORD.--1965-68 (discharge measurements only); June 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5,000.00 ft above NGVD of 1929 (levels by USGS).

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow is regulated by Mackay Reservoir (see sta 13126000) and is diverted from the Big Lost River at the INL Diversion at Head (see sta 13132513) for purposes of flood control at the Idaho National Laboratory site.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 989 ft³/s June 9, 1986; no flow on many days.

EXTREMES FOR CURRENT YEAR.--No flow for entire 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CAL YR 2004 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00
WTR YR 2005 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00

13132520 BIG LOST RIVER BELOW INL DIVERSION NEAR ARCO, ID

LOCATION.--Lat 43°30'57", long 113°04'55", (NAD83), in SE¼SW¼NE¼ sec.11, T.2 N., R.28 E., Butte County, Arco Hills SE quad., Hydrologic Unit 17040218, on right bank, 0.2 mi north of the head of the INL diversion, 4.5 mi south of State Highway 20-26 bridge over the Big Lost River, and 13.2 mi southeast of Arco.

PERIOD OF RECORD.--1965-68 (discharge measurements only); June 1984 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 5,000.00 ft above NGVD of 1929 (levels by U.S. Geological Survey).

REMARKS.--Records good. Station equipment includes satellite telemetry. Flow regulated by Mackay Reservoir (see sta 13126000) and INL diversion (see sta 13132513). Station is below all diversions for irrigation in the Big Lost River Valley and is below the Idaho National Laboratory diversion for flood control.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 468 ft³/s June 13, 1997; no flow on many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 191 ft³/s June 2, gage height, 43.21 ft; no flow on many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e65	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e40	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e15	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e5.0	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e1.5	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	5.8	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	57	12	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	110	5.5	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	134	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301.33	741.89	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.72	24.7	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134	180	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	598	1470	0.00	0.00	0.00

CAL YR 2004 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00
WTR YR 2005 TOTAL 1043.22 MEAN 2.86 MAX 180 MIN 0.00 AC-FT 2070

e Estimated

13132535 BIG LOST RIVER AT LINCOLN BOULEVARD BRIDGE NEAR ATOMIC CITY, ID

LOCATION.--Lat 43°34'26", long 112°56'36", (NAD83), in SE¼SW¼NE¼ sec.24, T.3 N., R.29 E., Butte County, North of Scoville quad., Hydrologic Unit 17040218, on left bank, 2.6 mi north of Lincoln Boulevard-Portland Avenue intersection, and 18.5 mi southeast of Arco.

PERIOD OF RECORD.--1951-53, 1957, 1965-68 (discharge measurements only); July 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,900.00 ft above NGVD of 1929 (levels by USGS).

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Mackay Reservoir (see sta 13126000) and INL diversion (see sta 13132513). Station is below all diversions for irrigation in the Big Lost River Valley and is below the Idaho National Laboratory diversion for flood control. In 1992, the bridge below the gage was replaced by three (3) culverts, significantly changing the control for the gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 434 ft³/s June 17, 1997; no flow on many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 132 ft³/s June 3, gage height, 14.28 ft; no flow on many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.7	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	6.2	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	60	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.20	505.70	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	16.9	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	123	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131	1000	0.00	0.00	0.00

CAL YR 2004 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00
WTR YR 2005 TOTAL 571.90 MEAN 1.57 MAX 123 MIN 0.00 AC-FT 1130

13132565 BIG LOST RIVER ABOVE BIG LOST RIVER SINKS NEAR HOWE, ID

LOCATION.--Lat 43°43'24", long 112°52'30"(revised), (NAD83), in SW¼SW¼ sec.27, T.5 N., R.30 E., Butte County, East of Howe Peak quad., Hydrologic Unit 17040218, on right bank 3.0 mi northwest of Lincoln Boulevard, and 6.5 mi southeast of Howe.

PERIOD OF RECORD.--1972-85 (discharge measurements only); March 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,805 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. Flow is regulated by Mackay Reservoir (see sta 13126000) and INL diversion (see sta 13132513). Station is below all diversions for irrigation in the Big Lost River Valley and is below the Idaho National Laboratory diversion for flood control.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 442 ft³/s June 19, 1997; no flow on many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 58 ft³/s June 3, gage height, 4.36 ft. no flow on many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.13	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	35	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	49	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	33	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	13	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.19	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.51	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268	0.00	0.00	0.00

CAL YR 2004 TOTAL 0.00 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00
WTR YR 2005 TOTAL 135.19 MEAN 0.37 MAX 49 MIN 0.00 AC-FT 268

e Estimated

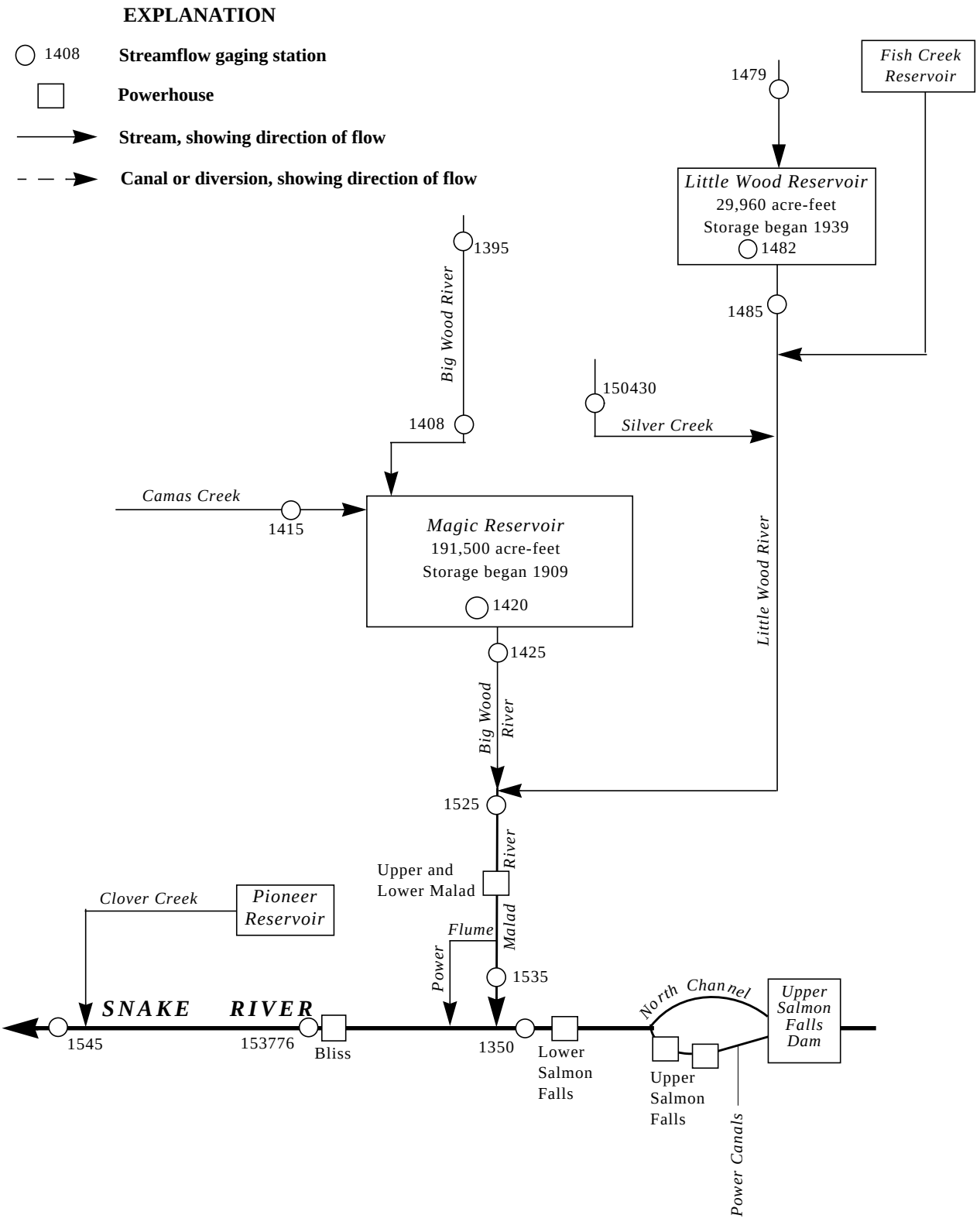

Figure 22. Schematic showing gaging stations in Snake River Basin between Upper Salmon Falls and King Hill.

SNAKE RIVER MAIN STEM

13135000 SNAKE RIVER BELOW LOWER SALMON FALLS, NEAR HAGERMAN, ID

LOCATION.--Lat 42°50'55", long 114°54'02", (NAD27), in NW¼ sec.2, T.7 S., R.13 E., Gooding County, Hagerman quad., Hydrologic Unit 17040212, on right bank, 0.5 mi downstream from Lower Salmon Falls powerplant, 1 mi upstream from Malad River, 2.2 mi north of Hagerman, and at mile 572.5.

DRAINAGE AREA.--26,070 mi^2.

PERIOD OF RECORD.--October 1937 to current year. Monthly discharge only for October 1937, published in WSP 1317.

GAGE.--Water-stage recorder. Datum of gage is 2,727.7 ft above NGVD of 1929 (stadia levels). Prior to Jan. 3, 1950, at site 340 ft upstream.

REMARKS.--Flow regulated by American Falls Reservoir, 141.6 mi upstream. Diurnal fluctuation caused by hydroelectric plants upstream. At times, practically entire flow is diverted at Milner during the irrigation season; only minor diversions below Milner. Most of the percolation upstream into the Snake River Plain aquifer returns above station, including some water diverted from the Malad River. Diversions above station for irrigation of about 2,330,000 acres, of which about 665,000 acres are irrigated by withdrawals from ground water. There are about 83,000 acres irrigated below station.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 6,170 ft^3/s June 29, July 1; minimum daily, 4,270 ft^3/s Apr. 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	5440	5320	5420	5210	5090	5030	4690	4960	5170	6170	5820	4860
2	5390	5290	5370	5210	5030	5050	4690	4870	5260	5940	5720	4840
3	5380	5330	5420	5140	4930	5090	4660	4950	5260	5890	5600	4880
4	5400	5360	5380	5170	4990	5000	4370	4920	5190	6020	5430	4860
5	5390	5290	5390	5240	5000	5040	4520	5010	5170	5980	5500	4970
6	5400	5300	5390	5180	5020	5040	4450	5000	5220	6020	5310	4940
7	5470	5340	5430	5260	5040	5010	4400	5030	5090	5970	5210	4930
8	5300	5270	5410	5160	5060	4950	4440	5120	5180	5820	5100	4970
9	5300	5300	5650	5250	5090	4970	4370	5240	5170	5870	5120	4850
10	5340	5360	5440	5160	4970	4910	4460	5260	5030	5990	4940	4980
11	5440	5500	5490	5160	5070	4950	4460	5160	4840	6020	4830	5160
12	5380	5380	5450	5160	5030	4820	4420	5490	4810	5910	4860	5150
13	5370	5370	5420	5160	5060	5020	4270	5460	4910	5900	4840	5280
14	5380	5330	5370	5190	5110	4800	4490	5350	4860	5860	4880	5140
15	5370	5330	5380	5230	5040	4960	4450	5230	4640	5890	4950	5120
16	5430	5360	5400	5210	4970	4980	4710	5480	4700	5860	4920	5130
17	5530	5460	5350	5170	5040	4860	4640	5690	4660	5930	4940	5120
18	5690	5310	5330	5180	5030	4960	4690	5620	4850	6040	5090	5390
19	5640	5450	5330	5220	5030	4810	4660	5580	4870	5990	4930	5390
20	5470	5400	5330	5140	5060	4870	4990	5410	4930	5950	5030	5290
21	5580	5480	5310	5130	5080	4700	5370	5360	4770	5860	5050	5250
22	5550	5400	5230	5130	4990	4780	5590	5290	4860	6110	4980	5300
23	5670	5430	5290	5330	5050	4970	4700	5240	5380	6060	4910	5310
24	5940	5450	5200	5210	4980	4680	4820	5140	6080	6120	4950	5280
25	5980	5450	5190	5100	5080	4750	5140	5130	5840	6060	4880	5440
26	5850	5500	5240	5100	5010	4740	5090	5120	6020	6060	4840	5360
27	5800	5450	5230	5100	5070	4770	4870	4960	6160	6060	4760	5530
28	5590	5400	5210	5100	4980	4690	5040	4920	6160	5950	4750	5490
29	5490	5440	5230	5090	---	4670	5000	4900	6170	5990	4810	5480
30	5420	5360	5250	5090	---	4740	4990	5140	6070	5950	4710	5400
31	5360	---	5270	5100	---	4770	---	5160	---	5860	4720	---
TOTAL	170740	161410	165800	160280	140900	151380	141440	161190	157320	185100	156380	155090
MEAN	5508	5380	5348	5170	5032	4883	4715	5200	5244	5971	5045	5170
MAX	5980	5500	5650	5330	5110	5090	5590	5690	6170	6170	5820	5530
MIN	5300	5270	5190	5090	4930	4670	4270	4870	4640	5820	4710	4840
AC-FT	338700	320200	328900	317900	279500	300300	280500	319700	312000	367100	310200	307600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	8552	8863	9163	9486	9522	9651	10780	9895	10120	6630	6560	7307
MAX	16610	18910	17490	19770	23680	25260	25250	24090	29800	11620	9373	13060
(WY)	1985	1985	1984	1984	1997	1997	1971	1984	1997	1983	1997	1997
MIN	5508	5380	5348	5170	5032	4881	4715	4459	4460	4313	4488	5105
(WY)	2005	2005	2005	2005	2005	1992	2005	1992	2004	2004	2004	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	1839880		1907030			
ANNUAL MEAN	5027		5225		8869	
HIGHEST ANNUAL MEAN					15660	1984
LOWEST ANNUAL MEAN					5079	2004
HIGHEST DAILY MEAN	6150	Feb 19	6170	Jun 29	38000	Jun 21 1997
LOWEST DAILY MEAN	3630	Jun 24	4270	Apr 13	3630	Jun 24 2004
ANNUAL SEVEN-DAY MINIMUM	4110	Jun 24	4400	Apr 7	4110	Jun 24 2004
ANNUAL RUNOFF (AC-FT)	3649000		3783000		6425000	
10 PERCENT EXCEEDS	5480		5860		15100	
50 PERCENT EXCEEDS	5200		5190		7240	
90 PERCENT EXCEEDS	4320		4770		5450	

13139500 BIG WOOD RIVER AT HAILEY, ID

LOCATION.--Lat 43°31'02", long 114°19'18", (NAD83), in SW¼NE¼SW¼ sec.9, T.2 N., R.18 E., Blaine County, Hailey quad., Hydrologic Unit 17040219, on left bank, 15 ft upstream from county road crossing, 0.2 mi southwest of Hailey, 0.4 mi upstream from Croy Creek, and at mile 91.0.

DRAINAGE AREA.--640 mi^2, approximately. Mean elevation, 7,620 ft.

PERIOD OF RECORD.--July to December 1889, June 1915 to current year. Published as "Wood River at Hailey" in 1889. Previously published as "Big Wood River and Big Wood Slough combined discharge at Hailey, Idaho".

REVISED RECORDS.--WDR ID-81-1: 1974-80 average discharge.

GAGE.--Water-stage recorder. Datum of gage is 5,295.42 ft above NGVD of 1929. July to December 1889, nonrecording gage at nearby site at different datum. June 11, 1915 to Nov. 15, 1934, nonrecording gages at present site at different datum. Nov. 16, 1934 to Oct. 15, 1970, at datum 2.00 ft higher. Nov. 10, 1971 to Sept. 30, 1972, nonrecording gages at different sites at present datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes telemetry. Diversions above station for irrigation of about 10,000 acres (1966 determination), of which about 1,200 acres are below station. Storage above station is negligible.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 6,150 ft^3/s May 30, 1983, gage height, 7.93 ft; maximum gage height, 10.66 ft, June 12, 1921, present datum; minimum daily, 15 ft^3/s Dec. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,100 ft^3/s May 20, gage height, 5.96 ft; minimum daily, 80 ft^3/s Dec. 24.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	166	95	117	125	121	165	443	2000	996	314	168
2	148	174	107	115	121	122	171	423	1740	1030	296	163
3	145	179	108	122	127	123	183	433	1500	964	280	156
4	144	175	111	114	127	121	189	471	1360	859	265	153
5	142	172	110	119	129	123	186	502	1350	824	255	153
6	143	171	115	e100	115	128	188	598	1320	812	248	153
7	141	170	129	109	118	131	214	667	1220	816	247	148
8	140	174	124	125	111	136	238	658	1150	814	242	144
9	140	176	116	120	e100	143	245	711	1060	800	247	142
10	144	175	117	119	115	155	236	814	972	717	237	142
11	147	176	122	117	112	165	238	747	924	635	230	152
12	145	177	126	e110	124	177	241	705	884	593	221	156
13	144	174	127	e120	127	181	256	669	856	593	218	157
14	144	170	127	e105	125	171	281	675	902	571	217	157
15	144	166	124	e100	e90	170	267	749	1140	513	210	153
16	144	170	115	118	e90	168	267	1400	1390	495	209	150
17	146	166	106	122	e100	164	296	2230	1490	478	213	153
18	168	158	115	123	e110	153	310	1820	1220	436	211	170
19	166	155	112	125	118	160	299	3050	1040	407	205	164
20	181	147	114	126	119	162	285	3640	1040	388	196	157
21	176	123	e90	126	119	161	280	3060	1310	371	188	155
22	169	127	e100	124	116	166	267	2610	1580	360	186	156
23	171	142	e85	123	113	172	288	2610	1610	373	188	153
24	172	142	e80	122	113	169	294	2550	1470	348	187	160
25	165	157	e90	123	115	158	306	2240	1330	328	184	168
26	175	145	104	130	117	151	360	2050	1240	317	181	165
27	185	132	114	134	118	159	432	2020	1140	305	175	167
28	205	131	115	135	121	175	518	2070	1160	297	170	170
29	204	98	123	134	---	181	525	2280	1040	297	169	163
30	193	85	126	129	---	167	486	2220	966	332	168	160
31	184	---	125	121	---	161	---	2040	---	330	170	---
TOTAL	4965	4673	3472	3727	3235	4794	8511	47155	37404	17399	6727	4708
MEAN	160	156	112	120	116	155	284	1521	1247	561	217	157
MAX	205	179	129	135	129	181	525	3640	2000	1030	314	170
MIN	140	85	80	100	90	121	165	423	856	297	168	142
AC-FT	9850	9270	6890	7390	6420	9510	16880	93530	74190	34510	13340	9340

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1916 - 2005, BY WATER YEAR (WY)

MEAN	202	187	159	154	150	188	518	1265	1453	646	261	203
MAX	427	430	324	307	275	475	1418	3039	3272	2196	685	446
(WY)	1984	1984	1984	1997	1984	1986	1943	1969	1983	1995	1965	1965
MIN	84.2	92.4	95.1	79.4	95.4	108	151	201	235	111	74.9	63.4
(WY)	1935	1932	1932	1932	1932	1932	1977	1977	1934	1931	1934	1994

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1916 - 2005	
ANNUAL TOTAL	95674		146770			
ANNUAL MEAN	261		402		449	
HIGHEST ANNUAL MEAN					842	1983
LOWEST ANNUAL MEAN					170	1931
HIGHEST DAILY MEAN	1050	Jun 6	3640	May 20	5450	May 30 1983
LOWEST DAILY MEAN	80	Dec 24	80	Dec 24	15	Dec 27 1931
ANNUAL SEVEN-DAY MINIMUM	95	Dec 20	95	Dec 20	57	Aug 28 1931
ANNUAL RUNOFF (AC-FT)	189800		291100		325600	
10 PERCENT EXCEEDS	555		1090		1160	
50 PERCENT EXCEEDS	156		170		207	
90 PERCENT EXCEEDS	110		115		121	

e Estimated

MALAD RIVER BASIN

13140800 BIG WOOD RIVER AT STANTON CROSSING NEAR BELLEVUE, ID

LOCATION.--Lat 43°19'45", long 114°19'09"(revised), (NAD83), in NW¼NE¼NE¼ sec.21, T.1 S., R.18 E., Blaine County, Magic Reservoir East quad., Hydrologic Unit 17040219, on right bank, at upstream end of Mahoney Flat, 2.8 mi upstream from maximum flow line of Magic Reservoir, 4.1 mi upstream from Camas Creek, 9.5 mi southwest of Bellevue, and at mile 77.0.

DRAINAGE AREA.--820 mi^2, approximately.

PERIOD OF RECORD.--September 1996 to current year. Records from July 1911 to Sept. 1996, (no winter records prior to Oct. 1943, except water years 1916, 1921-22, 1940-41) at downstream site published as “near Bellevue” (sta 13141000) are not equivalent because of inflow between sites.

GAGE.--Water-stage recorder. Elevation of gage is 4,830 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Diversions above station for irrigation of about 21,800 acres, of which about 400 acres are irrigated by withdrawals from ground water (1966 determination). Storage above station is negligible.

COOPERATION.--Idaho Department of Water Resources and Water District 37.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge 4,670 ft^3/s June 5, 1997; minimum daily, 6.6 ft^3/s Mar. 4-6, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 3,110 ft^3/s May 20; minimum daily, 10 ft^3/s Feb. 20, Feb 27 to Mar. 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	19	20	20	19	13	10	13	230	1600	555	38	23
2	19	20	20	18	13	10	12	191	1440	567	38	24
3	19	20	20	18	13	11	12	166	1180	539	37	24
4	19	20	20	18	12	11	12	172	997	456	38	24
5	19	20	20	17	12	11	14	190	954	397	39	23
6	20	20	20	17	12	11	13	243	915	348	35	23
7	19	19	21	17	12	11	14	281	810	336	33	23
8	18	19	23	17	11	11	20	298	766	328	33	24
9	18	19	22	17	11	12	35	335	678	316	31	24
10	18	20	22	16	11	12	45	427	579	270	30	23
11	18	20	22	17	11	12	48	426	487	237	29	22
12	19	20	22	16	11	13	54	406	439	193	29	22
13	19	20	22	16	11	13	58	348	383	147	29	23
14	19	20	22	16	11	13	62	307	376	118	30	24
15	19	20	22	15	11	13	66	340	488	86	31	24
16	19	21	22	15	11	13	64	668	743	71	32	24
17	19	21	21	15	11	13	72	1910	879	70	34	26
18	20	20	20	15	11	13	89	1700	758	62	34	26
19	20	20	20	15	11	13	90	2330	582	50	32	27
20	21	20	20	15	10	15	95	3110	530	38	31	28
21	21	20	20	15	11	15	89	2720	715	33	29	29
22	20	20	19	15	11	15	77	2250	914	34	28	28
23	21	20	19	15	11	18	74	2060	1070	42	28	28
24	21	20	19	14	11	18	86	2100	992	38	28	28
25	20	21	19	14	11	16	85	1830	885	36	26	28
26	20	20	18	13	11	15	102	1650	824	33	26	28
27	20	20	18	14	10	14	161	1650	747	32	26	28
28	21	20	19	13	10	15	225	1700	747	32	26	28
29	21	20	19	14	---	14	257	1780	670	33	26	27
30	20	20	19	13	---	14	259	1770	575	34	25	26
31	20	---	19	13	---	13	---	1580	---	36	24	---
TOTAL	606	600	629	482	315	408	2303	35168	23723	5567	955	759
MEAN	19.5	20.0	20.3	15.5	11.2	13.2	76.8	1134	791	180	30.8	25.3
MAX	21	21	23	19	13	18	259	3110	1600	567	39	29
MIN	18	19	18	13	10	10	12	166	376	32	24	22
AC-FT	1200	1190	1250	956	625	809	4570	69760	47050	11040	1890	1510

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	55.4	61.2	29.2	43.3	44.1	84.2	336	1032	1176	295	60.3	42.4
MAX	176	164	62.2	202	118	250	865	2842	3208	1105	206	135
(WY)	1998	1998	1999	1997	1997	1997	1997	1997	1997	1998	1997	1997
MIN	10.0	10.2	9.87	7.99	8.24	9.95	76.8	158	60.3	17.8	10.4	12.3
(WY)	2002	2002	2002	2002	2002	2003	2005	2004	2001	2001	2001	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	24405.4		71515			
ANNUAL MEAN	66.7		196		272	
HIGHEST ANNUAL MEAN					723	1997
LOWEST ANNUAL MEAN					46.7	2001
HIGHEST DAILY MEAN	450	May 7	3110	May 20	4670	Jun 5 1997
LOWEST DAILY MEAN	8.7	Feb 12	10	Feb 20	6.6	Mar 4 2003
ANNUAL SEVEN-DAY MINIMUM	8.9	Feb 10	10	Feb 24	6.7	Mar 2 2003
ANNUAL RUNOFF (AC-FT)	48410		141900		197000	
10 PERCENT EXCEEDS	160		669		743	
50 PERCENT EXCEEDS	22		22		47	
90 PERCENT EXCEEDS	10		12		11	

13141500 CAMAS CREEK NEAR BLAINE, ID

LOCATION.--43°19'58", long 114°32'31", (NAD83), in NW¼SE¼ sec.15, T.1 S., R.16 E., Camas County, Macon quad., Hydrologic Unit 17040220, 0.2 mi downstream from Willow Creek, 2.6 mi upstream from maximum flow line of Magic Reservoir, 4 mi southeast of Blaine, and at mile 7.0.

DRAINAGE AREA.--648 mi^2. Mean elevation, 5,600 ft.

PERIOD OF RECORD.--May 1912 to September 1921 and April 1923 to October 1925 (fragmentary), March 1926 to September 1944 (no winter records), October 1944 to current year. Published as “Malad River near Blaine”, 1912-14.

REVISED RECORDS.--WSP 1217: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 4,870 ft above NGVD of 1929, by barometer. Prior to June 22, 1966, at site 600 ft downstream at datum 0.66 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Mormon Reservoir on McKinney Creek, capacity, 31,240 acre-feet, and three minor reservoirs, combined capacity, 580 acre-feet. Diversions above station for irrigation of about 9,400 acres, of which about 1,500 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 9,780 ft^3/s Apr. 8, 1943; maximum gage height, 16.2 ft, Feb. 3, 1963, from floodmark, site and datum then in use; minimum, 1.0 ft^3/s June 6, 1992.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 21	0245	*1,230	*6.71	May 31	1615	655	5.37

Minimum daily, 1.6 ft^3/s Sept. 10.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	2.6	4.1	e7.3	7.5	9.3	205	118	434	28	2.4	1.7
2	1.8	2.8	5.0	e7.2	e7.3	9.5	197	109	400	24	2.3	1.7
3	1.8	2.9	5.2	7.7	e7.9	9.5	204	104	373	26	2.2	1.7
4	1.8	3.1	5.5	e7.9	e8.4	9.4	227	102	323	23	2.1	1.7
5	1.8	3.2	5.2	e7.3	e8.5	9.5	224	104	279	19	2.1	1.7
6	1.7	3.3	5.5	e6.4	e7.9	10	214	118	254	15	2.1	1.7
7	1.8	3.3	6.0	e7.1	e8.2	11	171	145	221	12	2.1	1.7
8	1.7	3.3	6.6	7.4	e7.6	12	150	151	196	11	2.1	1.7
9	1.7	3.4	7.2	7.9	e7.5	13	153	150	179	11	2.0	1.7
10	1.8	3.1	7.1	7.6	e7.9	74	172	178	165	9.7	2.0	1.6
11	1.8	3.3	7.0	8.0	8.0	45	179	215	156	8.9	1.9	1.7
12	1.9	3.5	6.8	e6.9	9.7	34	185	211	144	8.2	1.8	1.7
13	1.9	3.6	6.8	e7.0	9.1	31	178	231	128	7.2	1.8	1.7
14	1.8	3.7	6.7	e6.9	8.6	35	178	229	117	6.2	1.8	1.7
15	1.9	3.9	6.5	6.9	e7.2	45	175	202	106	5.4	1.8	1.7
16	1.9	4.1	6.1	7.7	e6.8	52	148	264	95	4.1	e1.9	1.7
17	1.9	4.1	5.9	7.7	7.4	56	127	609	91	3.6	1.9	1.7
18	2.0	4.2	5.9	7.6	7.9	53	120	806	88	3.4	1.8	1.7
19	2.0	4.2	6.2	7.7	9.3	54	121	972	78	3.2	1.8	1.7
20	2.1	4.3	e6.3	7.7	8.9	65	120	1140	69	3.0	1.8	1.7
21	2.0	4.0	e5.6	7.7	8.6	80	113	1150	62	3.0	1.8	1.7
22	2.0	4.2	e5.3	7.4	8.4	101	110	990	56	3.1	1.8	1.7
23	2.2	4.3	e5.2	7.4	8.2	118	102	881	51	3.1	1.8	1.7
24	2.2	4.5	e5.4	7.4	8.3	153	100	791	45	2.9	1.8	1.7
25	2.2	4.8	5.8	7.6	8.4	113	100	699	42	2.7	1.7	1.7
26	2.5	4.9	6.2	8.3	8.4	94	115	613	40	2.5	1.7	1.7
27	2.5	5.0	6.7	8.2	8.6	94	129	551	40	2.6	1.7	1.8
28	2.6	4.8	7.1	8.6	9.0	203	142	496	51	2.6	1.7	1.8
29	2.5	e4.0	8.0	8.8	---	241	141	460	46	2.7	1.7	1.7
30	2.6	4.1	8.3	8.3	---	371	129	447	37	2.6	1.7	1.8
31	2.6	---	7.9	7.6	---	262	---	488	---	2.5	1.7	---
TOTAL	62.8	114.5	193.1	235.2	229.5	2467.2	4629	13724	4366	262.2	58.8	51.2
MEAN	2.03	3.82	6.23	7.59	8.20	79.6	154	443	146	8.46	1.90	1.71
MAX	2.6	5.0	8.3	8.8	9.7	371	227	1150	434	28	2.4	1.8
MIN	1.7	2.6	4.1	6.4	6.8	9.3	100	102	37	2.5	1.7	1.6
AC-FT	125	227	383	467	455	4890	9180	27220	8660	520	117	102

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

MEAN	10.8	20.0	21.3	29.7	48.7	330	854	437	166	31.2	6.24	5.87
MAX	39.7	82.7	57.1	301	315	1806	2734	1552	621	165	27.7	16.5
(WY)	1984	1984	1971	1997	1986	1986	1971	1983	1983	1983	1983	1983
MIN	1.63	2.40	2.91	5.25	6.81	28.9	19.0	3.42	1.27	1.32	1.39	1.54
(WY)	1993	1993	1993	1993	1993	1991	1977	1992	1992	1992	1992	1991

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	15158.3		26393.5			
ANNUAL MEAN	41.4		72.3		163	
HIGHEST ANNUAL MEAN					449	1983
LOWEST ANNUAL MEAN					13.2	1977
HIGHEST DAILY MEAN	583	Mar 24	1150	May 21	5800	Apr 8 1971
LOWEST DAILY MEAN	1.6	Sep 14	1.6	Sep 10	1.2	Jun 11 1992
ANNUAL SEVEN-DAY MINIMUM	1.7	Sep 11	1.7	Sep 4	1.2	Jun 18 1992
ANNUAL RUNOFF (AC-FT)	30070		52350		118200	
10 PERCENT EXCEEDS	111		202		456	
50 PERCENT EXCEEDS	6.2		7.4		20	
90 PERCENT EXCEEDS	1.8		1.7		2.7	

e Estimated

MALAD RIVER BASIN

13142000 MAGIC RESERVOIR NEAR RICHFIELD, ID

LOCATION.--Lat 43°15'19", long 114°21'29"(revised), (NAD83), in SE¼NE¼NE¼ sec.18, T.2 S., R.18 E., Blaine County, Magic Reservoir East quad., Hydrologic Unit 17040219, at Magic Dam on Big Wood River, 18 mi northwest of Richfield, and at mile 67.5.

DRAINAGE AREA.--1,600 mi^2, approximately.

PERIOD OF RECORD.--February 1909 to current year. Month-end contents only for some periods, published in WSP 1317.

REVISED RECORDS.--WSP 1217: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is Idaho Irrigation Co. datum, which is reported to be about 137 ft below NGVD of 1929. Datum of gages prior to Oct. 1, 1942 was 4,000 ft lower. Datum of gages Oct. 1, 1942 to Sept. 30, 1974, was 800 ft higher; Oct. 1, 1974 to Sept. 30, 1988 was 4,000 ft lower.

REMARKS.--Reservoir is formed by earth and rock-fill dam completed in 1909 and raised 5 ft in 1917. Capacity is 191,500 acre-ft between gage heights 4,821.4 ft, 2.9 ft above bottom of outlet pipe, and 4,935.0 ft, top of 5-ft flashboards. Dead storage unknown. Water is used for power generation and irrigation of about 68,000 acres of land in Carey Act project of Big Wood Canal Co. Powerhouse was installed Dec. 1988. Diversions above station for irrigation of about 32,600 acres, of which about 1,900 acres are irrigated by withdrawals from ground water (1966 determination). Figures given herein represent usable contents, including bank storage.

COOPERATION.--Stage readings and capacity table provided by Water District 37.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 195,400 acre-ft May 11-13, 1969, elevation, 4,936.0 ft, present datum; no storage for several days in 1909, 1919-20, 1924, 1928, 1935.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 145,000 acre-ft June 9-10, elevation, 4,921.8 ft; minimum contents observed, 9,640 acre-ft Oct. 1, elevation, 4,850.6 ft.

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

4,850	9,190	4,880	47,700
4,854	12,400	4,905	99,400
4,865	24,300	4,920	139,500
		4,935	191,500

Reservoir storage, acre feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9640	12900	16000	19700	23000	25500	37100	54700	138300	141900	100100	49900
2	9800	13000	16100	19800	23100	25700	37600	55700	140400	141300	99100	48100
3	9870	13100	16200	20000	23100	25900	38100	56200	141600	140700	97700	46300
4	9950	13200	16400	20100	23200	26100	38500	56800	142500	140100	96300	44700
5	10000	13300	16500	20200	23200	26200	39200	57400	143500	139500	94600	42900
6	10100	13300	16600	20200	23300	26300	39700	58400	144100	138600	92800	41400
7	10300	13400	16800	20300	23500	26300	40200	58900	144400	137700	91400	39700
8	10300	13400	17000	20400	23500	26500	40700	60100	144700	136800	90000	38100
9	10400	13500	17100	20500	23600	26500	41200	61300	145000	136000	88400	36400
10	10500	13800	17200	20800	23700	26600	41700	62200	145000	134800	86600	34700
11	10600	14000	17300	20900	23700	26700	42200	63800	144700	133900	84600	34900
12	10700	14100	17400	21000	23800	27000	42800	65200	144400	132500	82900	35000
13	10700	14200	17600	21000	24000	27400	43300	66600	144100	131100	81600	35200
14	10800	14300	17700	21100	24100	27800	43800	67800	143500	129700	79000	35300
15	11000	14400	17800	21300	24200	28100	44700	69000	142800	128300	78400	35500
16	11100	14500	17900	21400	24300	28400	45400	69000	142500	126900	76500	35600
17	11100	14700	17900	21500	24900	28500	45900	71600	142500	125500	75100	35800
18	11200	14800	18200	21600	25000	28700	46400	76100	142200	123800	73400	36000
19	11400	14800	18300	21600	25100	28900	47000	80900	142200	122200	71800	36100
20	11600	14900	18400	21700	25300	29400	47700	88200	142200	120600	70000	36300
21	11600	15000	18500	21900	25400	29900	48200	96500	141900	119000	68400	36400
22	11800	15100	18500	21900	25500	30200	48800	103800	141600	117100	66800	36600
23	11600	15200	18600	22000	25500	30900	49300	110100	141900	115500	65200	36800
24	12000	15300	18700	22100	25500	31800	49700	115300	142500	113700	63600	36900
25	12100	15400	18800	22200	25500	32600	50300	120300	142800	112100	61900	37100
26	12200	15500	18900	22300	25500	33200	50800	123800	142800	110600	59900	37200
27	12300	15600	19100	22500	25500	33600	51500	126600	142800	109000	58000	37400
28	12400	15700	19200	22600	25500	33900	52300	128800	142500	107300	56400	37600
29	12500	15800	19300	22700	---	34700	53000	131100	142500	105500	55100	37700
30	12600	15900	19400	22800	---	35500	53800	133900	142200	103800	53400	37900
31	12700	---	19500	22800	---	36400	---	136500	---	102300	51700	---
MAX	12700	15900	19500	22800	25500	36400	53800	136500	145000	141900	100100	49900
MIN	9640	12900	16000	19700	23000	25500	37100	54700	138300	102300	51700	34700
†	4854.3	4857.7	4861.0	4863.8	4865.9	4873.4	4883.3	4919.0	4920.9	4906.2	4882.2	4874.3
‡	3200	3200	3600	3300	2700	10900	17400	82700	5700	-39900	-50600	-13800

CAL YR 2004 MAX 76900 MIN 8900 ‡ 1800
WTR YR 2005 MAX 145000 MIN 9640 ‡ 28400

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

13142500 BIG WOOD RIVER BELOW MAGIC DAM, NEAR RICHFIELD, ID

LOCATION.--Lat 43°14'53", long 114°21'24"(revised), (NAD83), in SE¼NE¼SE¼ sec.18, T.2 S., R.18 E., Blaine County, Fairfield quad., Hydrologic Unit 17040219, U.S. Bureau of Land Management lands, on right bank, 0.5 mi downstream from Magic Dam, 18 mi northwest of Richfield, and at mile 67.0.

DRAINAGE AREA.--1,600 mi^2, approximately.

PERIOD OF RECORD.--April 1911 to current year (no winter records 1912).

GAGE.--Water-stage recorder. Datum of gage is 4,661.6 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges and discharges below 20 ft^3/s, which are poor. Flow regulated by Magic Reservoir 0.5 mi upstream (see sta 13142000), Mormon Reservoir on tributary of Camas Creek (capacity, 31,240 acre-ft), and smaller reservoirs having combined capacity of about 680 acre-ft. Diversions above station for irrigation of about 32,600 acres, of which about 1,900 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,000 ft^3/s Apr. 26, 1952, gage height, 15.68 ft, from floodmark; no flow Feb. 3, 1915, Dec. 21-23, 1988, Nov. 18-21, Dec. 9, 10, 1992, Oct. 19-22, 26, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,010 ft^3/s Aug. 10-18; minimum daily, 1.2 ft^3/s Oct. 26-27.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.4	1.4	1.6	e2.0	e1.5	2.4	3.1	741	864	953	939
2	1.4	1.4	1.4	1.6	e2.1	e1.7	2.3	3.4	819	865	950	930
3	1.4	1.4	1.4	1.6	e2.2	e1.6	2.4	3.3	817	867	957	936
4	1.4	1.4	1.4	e1.6	e2.1	e1.7	2.4	3.3	785	867	960	925
5	1.4	1.3	1.4	1.6	e2.0	e1.7	2.1	3.4	782	881	958	915
6	1.5	1.3	1.4	1.6	e1.9	e1.9	2.2	3.4	785	902	958	912
7	1.5	1.3	1.5	1.6	e1.8	e1.9	2.2	3.5	790	913	960	919
8	1.4	1.3	1.5	1.6	e1.8	2.0	2.4	3.5	791	910	969	909
9	1.4	1.3	1.4	1.6	e1.7	1.9	2.3	3.7	752	913	996	894
10	1.3	1.3	1.4	e1.6	e1.8	1.8	2.3	3.7	733	911	1010	263
11	1.3	1.4	1.4	e1.5	e1.9	1.7	2.4	3.7	737	907	1010	4.6
12	1.3	1.4	1.4	e1.4	e2.0	1.8	2.5	3.7	738	916	1010	4.6
13	1.3	1.4	1.5	e1.5	e1.9	2.0	2.6	3.7	771	939	1010	4.9
14	1.3	1.6	1.5	e1.4	e1.6	2.0	2.5	3.9	775	953	1010	5.0
15	1.4	1.5	1.5	e1.4	e1.4	2.1	2.5	332	806	953	1010	4.9
16	1.4	1.6	1.5	e1.6	e1.3	2.0	2.6	236	826	953	1010	5.0
17	1.3	1.6	e1.5	e1.5	e1.4	2.0	2.8	2.8	845	954	1010	5.0
18	1.3	1.6	1.5	e1.6	e1.5	2.1	2.9	2.9	851	950	1010	5.0
19	1.3	1.6	e1.5	e1.7	e1.5	2.2	3.1	3.1	850	943	988	5.0
20	1.3	1.5	1.5	e1.8	e1.6	2.3	2.9	3.2	854	950	985	4.7
21	1.3	1.5	1.5	e2.0	e1.5	2.4	2.7	3.2	852	954	980	4.7
22	1.3	1.5	1.5	e1.9	e1.5	2.4	2.9	3.5	847	961	981	4.7
23	1.4	1.5	1.6	e1.8	e1.4	2.5	3.0	3.8	851	958	984	4.7
24	1.3	1.5	1.6	e1.8	e1.4	2.5	3.0	3.9	855	956	975	5.0
25	1.3	1.5	1.6	e1.8	e1.5	2.7	3.0	255	857	959	964	5.0
26	1.2	1.5	1.6	e1.9	e1.4	2.7	3.2	514	860	958	959	5.1
27	1.2	1.4	1.6	e2.0	e1.4	2.8	3.2	575	862	958	961	5.0
28	1.3	1.4	1.5	e1.9	e1.5	2.7	3.1	628	861	956	959	5.0
29	1.3	1.5	1.6	e2.0	---	2.4	3.2	655	864	954	963	5.1
30	1.4	1.4	1.6	e1.9	---	2.2	3.1	672	865	952	967	4.8
31	1.4	---	1.6	e2.0	---	2.2	---	723	---	950	953	---
TOTAL	41.6	43.3	46.3	52.4	47.1	65.4	80.2	4665.7	24422	28827	30370	8639.8
MEAN	1.34	1.44	1.49	1.69	1.68	2.11	2.67	151	814	930	980	288
MAX	1.5	1.6	1.6	2.0	2.2	2.8	3.2	723	865	961	1010	939
MIN	1.2	1.3	1.4	1.4	1.3	1.5	2.1	2.8	733	864	950	4.6
AC-FT	83	86	92	104	93	130	159	9250	48440	57180	60240	17140

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

MEAN	61.9	59.5	30.8	35.7	69.6	200	575	1244	1309	893	653	440
MAX	1053	165	591	767	1130	1970	3918	3806	3579	1916	1314	826
(WY)	1912	1914	1984	1965	1997	1986	1943	1952	1911	1995	1923	1916
MIN	0.37	0.47	0.52	0.75	0.56	1.42	2.50	151	88.5	10.1	2.49	0.63
(WY)	1992	1993	1993	1992	1995	1995	1991	2005	1992	2001	2002	1992

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1911 - 2005	
ANNUAL TOTAL	51226.6		97300.8			
ANNUAL MEAN	140		267		464	
HIGHEST ANNUAL MEAN					1215	1983
LOWEST ANNUAL MEAN					76.2	1992
HIGHEST DAILY MEAN	974	Jun 26	1010	Aug 10	9800	Apr 26 1952
LOWEST DAILY MEAN	1.0	Aug 11	1.2	Oct 26	0.00	Feb 3 1915
ANNUAL SEVEN-DAY MINIMUM	1.2	Sep 26	1.3	Oct 21	0.03	Oct 19 1994
ANNUAL RUNOFF (AC-FT)	101600		193000		336100	
10 PERCENT EXCEEDS	830		954		1210	
50 PERCENT EXCEEDS	2.2		2.4		40	
90 PERCENT EXCEEDS	1.4		1.4		2.7	

e Estimated

MALAD RIVER BASIN

13147900 LITTLE WOOD RIVER ABOVE HIGH FIVE CREEK, NEAR CAREY, ID

LOCATION.--Lat 43°29'35", long 114°03'26"(revised), (NAD83), about center of sec.22, T.2 N., R.20 E., Blaine County, Little Wood Reservoir quad., Hydrologic Unit 17040221, on left bank above maximum flow line of Little Wood Reservoir, 0.4 mi downstream from Muldoon Creek, 0.6 mi upstream from High Five Creek, 13.5 mi northwest of Carey, and at mile 83.0.

DRAINAGE AREA.--248 mi^2. Mean elevation, 7,220 ft.

PERIOD OF RECORD.--October 1958 to September 1974, October 1979 to current year (no winter record in water year 1982).

GAGE.--Water-stage recorder. Elevation of gage is 5,320 ft above NGVD of 1929, by barometer.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 1,300 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,480 ft^3/s Apr. 22, 1969, gage height, 7.01 ft; minimum, 12 ft^3/s Sept. 7-10, 1994, gage height, 0.74 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 660 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 16	2115	2,120	6.93	May 19	0730	*2,160	*7.01

Minimum daily, 29 ft^3/s Oct. 7-8.

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	32	46	e30	e42	e36	44	98	222	577	278	78	40
2	31	47	e35	e43	e37	41	120	204	499	284	75	37
3	31	49	38	e44	e38	43	148	194	448	268	72	35
4	30	50	e38	e41	e37	43	169	205	407	243	68	34
5	30	49	e38	e40	e36	43	178	223	395	234	65	33
6	30	50	e40	e35	e35	44	198	317	387	226	62	33
7	29	50	41	e38	e35	45	234	343	373	224	61	32
8	29	51	44	e40	e35	49	290	327	360	222	59	31
9	30	52	46	e43	e34	55	236	403	338	215	58	31
10	30	53	46	e42	e35	64	204	456	320	197	56	33
11	31	54	47	e40	e36	71	206	460	317	176	56	37
12	31	53	48	e38	37	79	204	434	301	164	54	37
13	31	51	48	e42	35	80	202	396	278	161	54	33
14	30	49	e46	e39	33	71	198	372	283	154	54	35
15	32	49	e43	e35	e32	69	161	383	338	140	51	36
16	32	49	e40	e40	e30	65	157	1040	380	131	50	33
17	32	48	e41	e38	e32	65	165	1590	402	126	52	33
18	39	47	e42	e40	e34	62	168	1220	346	116	50	41
19	38	47	e43	e42	37	64	157	1970	293	105	48	34
20	58	47	e39	e43	36	78	177	1760	292	101	44	31
21	47	37	e37	e48	34	83	171	1450	346	94	44	31
22	43	41	e37	e47	36	85	150	1170	392	92	47	33
23	46	45	e35	e45	38	92	163	1120	398	94	48	31
24	45	44	e38	e43	39	92	172	1010	380	89	44	34
25	44	47	e42	e45	39	80	193	851	357	86	43	34
26	48	41	e44	e43	41	78	226	736	346	78	42	34
27	49	41	46	e45	41	84	251	683	319	76	41	33
28	61	e35	47	e46	43	143	324	682	339	75	40	35
29	59	e33	47	e45	---	142	281	676	302	74	40	36
30	54	e33	47	e42	---	108	245	616	277	85	39	37
31	50	---	46	e38	---	96	---	577	---	84	41	---
TOTAL	1202	1388	1299	1292	1011	2258	5846	22090	10790	4692	1636	1027
MEAN	38.8	46.3	41.9	41.7	36.1	72.8	195	713	360	151	52.8	34.2
MAX	61	54	48	48	43	143	324	1970	577	284	78	41
MIN	29	33	30	35	30	41	98	194	277	74	39	31
AC-FT	2380	2750	2580	2560	2010	4480	11600	43820	21400	9310	3250	2040

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2005, BY WATER YEAR (WY)

MEAN	56.5	62.0	57.3	58.6	59.9	114	322	423	375	152	61.4	49.4
MAX	110	166	146	207	150	374	1108	1151	889	498	177	101
(WY)	1984	1984	1984	1997	1963	1986	1969	1969	1983	1995	1965	1965
MIN	23.3	25.7	36.8	36.0	36.1	47.3	71.7	108	68.1	30.4	17.2	15.0
(WY)	2002	2002	1990	1995	2005	1962	1994	1990	1992	1988	1994	1994

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1959 - 2005	
ANNUAL TOTAL	28761		54531			
ANNUAL MEAN	78.6		149		148	
HIGHEST ANNUAL MEAN					325	1983
LOWEST ANNUAL MEAN					58.7	1988
HIGHEST DAILY MEAN	399	Mar 24	1970	May 19	2150	Apr 23 1969
LOWEST DAILY MEAN	21	Sep 8	29	Oct 7	13	Aug 26 1994
ANNUAL SEVEN-DAY MINIMUM	22	Sep 2	30	Oct 4	13	Sep 5 1994
ANNUAL RUNOFF (AC-FT)	57050		108200		107400	
10 PERCENT EXCEEDS	174		358		391	
50 PERCENT EXCEEDS	46		49		68	
90 PERCENT EXCEEDS	28		33		34	

e Estimated

13148200 LITTLE WOOD RESERVOIR NEAR CAREY, ID

LOCATION.--Lat 43°25'31", long 114°01'38", (NAD83), in SW$^1/_4$ sec.12, T.1 N., R.20 E., Blaine County, Little Wood Reservoir quad., Hydrologic Unit 17040221, at gate-control structure near right end of Little Wood Dam on Little Wood River, 8.5 mi northwest of Carey, and at mile 78.8.

DRAINAGE AREA.--279 mi^2.

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR-ID-92-1: 1991.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation). Prior to April 1983, nonrecording gage at same site and datum. Prior to Oct. 1, 1988 at datum 5,100 ft lower.

REMARKS.--Station equipment includes satellite telemetry. Reservoir is formed by earth- and rock-fill dam constructed in 1939 and raised 39.9 ft in 1959. Storage began Feb. 12, 1941. Capacity of reservoir is 29,960 acre-ft between elevations 5,127.4 ft, 0.4 ft below bottom of outlet gates, and 5,237.3 ft, spillway crest. Water is used for power generation and irrigation of land near Carey.

COOPERATION.--Capacity table provided by U.S. Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 31,100 acre-ft May 19, 2005, elevation, 5,239.19 ft, present datum; minimum observed, 66 acre-ft Aug. 17, 1959, elevation, 5,130.22 ft, present datum, but may have been less during period Aug. 14 to Sept. 13, 1959.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 31,100 acre-ft May 19, elevation, 5,239.19 ft; minimum contents, 2,720 acre-ft Oct. 12, elevation, 5,161.59 ft.

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

5,160.0	2,490	5,200.0	12,500
5,170.0	4,150	5,220.0	20,900
5,180.0	6,370	5,240.0	31,500

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	3160	4690	7670	10300	13100	15600	20900	28500	29700	28900	19000	11300
2	3140	4800	7730	10400	13200	15700	21100	28600	29300	28700	18800	11100
3	3110	4920	7810	10500	13300	15800	21400	29000	29100	28500	18600	10800
4	3070	5040	7880	10600	13400	15900	21800	29400	29100	28300	18300	10600
5	3040	5160	7960	10700	13500	16000	22200	29600	29200	28000	18000	10400
6	3000	5270	8040	10700	13500	16100	22600	29800	29200	27800	17700	10200
7	2970	5390	8140	10800	13600	16300	23100	29800	29200	27500	17400	9930
8	2930	5510	8260	10900	13700	16400	23700	29700	29200	27300	17100	9710
9	2840	5630	8350	11000	13800	16500	24200	29800	29200	27000	16900	9480
10	2780	5760	8450	11100	13900	16700	24600	30000	29100	26700	16600	9260
11	2750	5880	8540	11200	13900	16800	25100	30100	29100	26400	16300	9060
12	2720	6000	8650	11300	14100	17000	25500	30100	29000	26000	16000	8870
13	2720	6120	8750	11300	14200	17200	25900	30000	29000	25600	15700	8690
14	2730	6230	8840	11400	14300	17400	26400	30000	29000	25300	15500	8530
15	2750	6350	8930	11500	14300	17500	26700	30000	29200	24900	15200	8380
16	2770	6460	9000	11600	14400	17700	27000	30800	29300	24500	14900	8220
17	2840	6570	9080	11700	14500	17800	27400	30700	29200	24100	14700	8070
18	2930	6670	9150	11800	14600	18000	27700	30700	29300	23800	14400	7930
19	3040	6770	9220	11900	14700	18100	28100	31100	29200	23400	14200	7780
20	3200	6880	9300	12000	14800	18300	28500	30800	29100	23100	14000	7660
21	3320	6950	9360	12100	14900	18500	28800	30700	29300	22700	13700	7550
22	3430	7030	9400	12200	15000	18700	29100	30500	29400	22300	13500	7440
23	3550	7120	9470	12200	15100	18900	29500	30400	29400	21900	13300	7320
24	3670	7210	9540	12300	15200	19100	29800	30300	29500	21600	13100	7210
25	3780	7310	9610	12400	15200	19300	29800	30100	29400	21200	12800	7100
26	3900	7400	9700	12500	15300	19400	29500	30100	29400	20800	12600	7000
27	4020	7480	9800	12600	15400	19600	29300	30000	29300	20400	12400	6920
28	4170	7550	9900	12800	15500	19900	29200	29900	29300	20000	12200	6860
29	4320	7580	10000	12900	---	20300	29000	29800	29200	19700	11900	6790
30	4450	7610	10100	13000	---	20500	28800	29600	29000	19400	11700	6730
31	4580	---	10200	13000	---	20700	---	29400	---	19200	11500	---
MAX	4580	7610	10200	13000	15500	20700	29800	31100	29700	28900	19000	11300
MIN	2720	4690	7670	10300	13100	15600	20900	28500	29000	19200	11500	6730
†	5172.18	5184.69	5193.42	5201.56	5207.99	5219.59	5235.17	5236.30	5235.67	5216.45	5197.24	5181.42
‡	1400	3030	2590	2800	2500	5200	8100	600	-400	-9800	-7700	-4770

CAL YR 2004 MAX 30000 MIN 2720 ‡ 1120
WTR YR 2005 MAX 31100 MIN 2720 ‡ 3550

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

MALAD RIVER BASIN

13148500 LITTLE WOOD RIVER NEAR CAREY, ID

LOCATION.--Lat 43°23'24", long 113°59'59", (NAD83), in E$^{1}/_{2}$ sec.30, T.1 N., R.21 E., Blaine County, Lake Hills quad., Hydrologic Unit 17040221, on right bank, 0.3 mi upstream from West Canal, 1.3 mi upstream from East Canal, 2 mi downstream from Little Fish Creek, 3 mi downstream from Little Wood Reservoir, 6 mi northwest of Carey, and at mile 68.0 (revised).

DRAINAGE AREA.--312 mi^2.

PERIOD OF RECORD.--April 1904 to May 1905 (gage heights and discharge measurements only), September 1926 to November 1942, April 1943 to current year. Monthly discharge only for some periods, published in WSP 1317. Records for February 1920 to September 1926 at site 6 mi upstream not equivalent owing to diversion and inflow.

GAGE.--Water-stage recorder. Datum of gage is 4,990.59 ft above NGVD of 1929 (levels by U.S. Bureau of Reclamation). Apr. 28, 1904 to May 31, 1905, nonrecording gage, Sept. 20, 1926 to Apr. 22, 1938, water-stage recorder, and Apr. 23 to Aug. 17, 1938, nonrecording gage, all at datum 0.74 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Flow regulated by Little Wood Reservoir 3 mi upstream (see sta 13148200). Diversions above station for irrigation of about 1,500 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,000 ft^3/s, due to failure of reservoirs on Little Fish Creek Apr. 24, 1982, gage height, 16.74 ft; maximum discharge prior to Apr. 24, 1982, 6,000 ft^3/s, due to failure of reservoirs on Little Fish Creek Apr. 20, 1938, gage height, 12.81 ft (present datum, from floodmark), from rating curve extended above 1,800 ft^3/s; maximum discharge other than dam failures, 2,680 ft^3/s Apr. 27, 1952, gage height, 8.95 ft.
Minimum daily, 0.34 ft^3/s Oct. 27, Nov. 1, 6, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 2,120 ft^3/s May 19; minimum daily, 0.34 ft^3/s Oct. 27, Nov. 1, 6.

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	45	0.34	e0.90	e1.4	e2.2	2.8	16	380	426	333	169	142
2	45	0.38	e0.80	e1.4	e2.2	2.9	26	186	652	332	168	144
3	45	0.39	e1.0	e1.5	e2.1	3.0	28	23	533	330	167	143
4	46	0.37	e1.2	e1.5	e2.1	2.8	35	22	400	328	182	142
5	47	0.36	e1.2	e1.5	e2.2	2.9	31	123	347	327	200	142
6	56	0.34	e1.2	e1.0	e2.1	3.1	30	260	346	322	194	142
7	55	0.40	e1.2	e1.2	e2.1	3.2	45	359	346	319	185	141
8	57	0.44	e1.2	e1.5	e2.1	3.4	43	395	346	317	185	140
9	58	0.41	e1.2	e1.8	e2.2	4.0	41	399	346	316	185	140
10	58	0.44	e1.2	e1.7	e2.2	4.8	33	399	324	314	185	139
11	53	0.46	e1.2	e1.5	e2.3	5.1	37	440	309	313	181	136
12	45	0.49	1.2	e1.4	e2.4	5.5	47	464	308	312	174	127
13	35	0.55	1.1	e1.5	e2.3	7.6	65	451	284	311	171	120
14	27	0.56	1.0	e1.4	e2.3	6.1	54	434	253	310	171	112
15	26	0.65	1.1	e1.4	e2.2	5.4	32	415	246	309	170	107
16	25	0.61	1.1	e1.6	e2.0	5.6	32	853	304	297	170	110
17	15	0.67	1.2	e1.5	e2.1	5.8	36	1820	345	276	165	113
18	1.9	0.71	e1.2	e1.7	e2.3	5.8	31	1310	346	266	158	111
19	0.84	0.73	e1.2	e2.0	e2.3	5.9	23	2120	346	267	152	106
20	0.99	0.81	e1.0	e2.0	e2.3	12	31	2080	302	267	149	95
21	0.55	0.84	e0.90	e2.2	e2.3	14	39	1530	271	266	148	88
22	0.42	0.99	e0.90	e2.0	e2.3	14	30	1200	303	264	148	89
23	0.49	0.93	e0.70	e2.0	e2.3	17	26	1080	347	263	148	89
24	0.36	0.93	e0.80	e2.0	e2.3	18	27	1030	348	262	149	90
25	0.36	0.92	e0.90	e2.0	e2.4	11	234	888	340	260	146	90
26	0.37	0.84	e1.0	e2.0	e2.5	9.2	442	753	335	259	146	84
27	0.34	0.91	e1.7	e2.1	e2.5	11	464	710	336	257	146	76
28	0.45	0.93	e1.6	e2.1	2.8	61	433	696	336	248	143	70
29	0.37	e0.90	e1.6	e2.1	---	31	398	691	335	228	144	68
30	0.36	e0.90	e1.5	e2.1	---	15	387	692	334	206	144	68
31	0.35	---	e1.5	e2.2	---	12	---	662	---	181	143	---
TOTAL	746.15	19.20	35.50	53.3	63.4	310.9	3196	22865	10394	8860	5086	3364
MEAN	24.1	0.64	1.15	1.72	2.26	10.0	107	738	346	286	164	112
MAX	58	0.99	1.7	2.2	2.8	61	464	2120	652	333	200	144
MIN	0.34	0.34	0.70	1.0	2.0	2.8	16	22	246	181	143	68
AC-FT	1480	38	70	106	126	617	6340	45350	20620	17570	10090	6670

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

MEAN	45.3	33.0	29.4	31.2	37.5	89.5	304	427	373	245	143	70.3
MAX	205	290	170	383	316	470	1105	1154	878	492	315	180
(WY)	1966	1984	1984	1997	1997	1983	1969	1969	1995	1995	1975	1984
MIN	3.64	0.64	1.15	1.41	2.00	2.87	7.41	79.0	39.9	13.6	7.17	5.06
(WY)	1983	2005	2005	1991	1955	1955	1988	1934	1934	1931	1934	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1927 - 2005	
ANNUAL TOTAL	29767.80		54993.45			
ANNUAL MEAN	81.3		151		152	
HIGHEST ANNUAL MEAN					351	1983
LOWEST ANNUAL MEAN					45.6	1934
HIGHEST DAILY MEAN	295	May 10	2120	May 19	2900	Apr 19 1938
LOWEST DAILY MEAN	0.34	Oct 27	0.34	Oct 27	0.34	Oct 27 2004
ANNUAL SEVEN-DAY MINIMUM	0.36	Oct 31	0.36	Oct 31	0.36	Oct 31 2004
ANNUAL RUNOFF (AC-FT)	59040		109100		110200	
10 PERCENT EXCEEDS	223		347		399	
50 PERCENT EXCEEDS	26		32		65	
90 PERCENT EXCEEDS	0.84		0.84		3.7	

e Estimated

13150430 SILVER CREEK AT SPORTSMAN ACCESS, NEAR PICABO, ID

LOCATION.--Lat 43°19'20", long 114°06'24"(revised), (NAD83), in SE¼NW¼ sec.20, T.1 S., R.20 E., Blaine County, Picabo quad., Hydrologic Unit 17040221, on right bank, at sportsman access road crossing to campground, 0.6 mi downstream from State Highway 20/23 crossing, 2.3 mi northwest of Picabo, and 4.3 mi southeast of Gannett.

DRAINAGE AREA.--70 mi^2, approximately.

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,850 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No regulation. Several diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 566 ft^3/s Apr. 10, 1985, gage height, 8.82 ft; minimum daily, 43 ft^3/s Oct. 3, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 263 ft^3/s Mar. 24; minimum daily, 84 ft^3/s Oct. 3.

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	88	116	116	125	119	105	143	110	126	151	131	110
2	85	115	114	123	119	106	138	109	125	136	133	105
3	84	118	115	122	117	105	131	111	121	129	128	104
4	87	119	114	123	113	105	133	114	117	132	129	103
5	e86	118	115	123	113	106	128	112	112	127	128	104
6	e92	117	116	e119	112	107	125	116	114	120	128	103
7	94	115	121	e120	111	109	124	117	115	118	126	104
8	103	115	124	e122	109	112	122	123	116	115	127	106
9	108	118	126	e118	109	118	118	124	117	116	128	105
10	106	118	124	e115	108	130	114	129	114	115	129	102
11	105	119	125	e112	108	143	114	140	111	118	129	104
12	110	117	125	e112	111	156	113	150	112	118	129	105
13	113	120	123	e113	112	190	114	150	115	115	121	104
14	109	119	128	e112	110	179	113	147	120	110	118	105
15	108	119	128	e114	e108	163	110	144	121	114	120	105
16	108	116	125	e116	e105	159	111	181	117	118	118	104
17	109	118	125	114	e106	158	112	221	117	117	125	101
18	122	119	e123	e114	e105	160	97	208	122	115	132	107
19	115	118	e122	e115	107	158	106	233	125	115	137	105
20	128	119	e123	116	106	182	119	229	129	111	128	101
21	120	120	e121	115	106	199	120	207	131	108	125	98
22	119	120	e118	116	106	197	120	197	139	107	125	97
23	123	120	e117	117	104	243	117	183	146	114	124	98
24	126	120	e117	117	105	263	117	163	137	119	118	97
25	123	121	e119	117	105	218	115	139	128	117	113	99
26	122	120	121	118	e106	182	113	136	128	115	114	99
27	124	122	120	119	105	169	114	130	138	114	115	103
28	128	120	121	118	105	177	112	130	148	115	113	108
29	127	120	127	120	---	174	109	129	164	119	111	111
30	120	e118	130	119	---	160	109	128	156	125	109	108
31	117	---	129	119	---	148	---	127	---	127	110	---
TOTAL	3409	3554	3772	3643	3050	4881	3531	4637	3781	3690	3821	3105
MEAN	110	118	122	118	109	157	118	150	126	119	123	104
MAX	128	122	130	125	119	263	143	233	164	151	137	111
MIN	84	115	114	112	104	105	97	109	111	107	109	97
AC-FT	6760	7050	7480	7230	6050	9680	7000	9200	7500	7320	7580	6160

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

MEAN	161	165	156	149	155	188	166	131	125	120	140	142
MAX	270	248	210	219	241	325	288	190	182	224	255	256
(WY)	1983	1977	1983	1997	1986	1983	1975	1983	1997	1975	1983	1983
MIN	67.3	89.0	92.5	95.5	109	126	95.6	83.1	70.1	73.6	65.9	62.2
(WY)	2002	1993	1995	1995	2005	2003	1992	1992	1992	1992	1994	1994

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	41758		44874			
ANNUAL MEAN	114		123		150	
HIGHEST ANNUAL MEAN					222	1983
LOWEST ANNUAL MEAN					106	2003
HIGHEST DAILY MEAN	285	Mar 20	263	Mar 24	530	Apr 10 1985
LOWEST DAILY MEAN	78	May 4	84	Oct 3	43	Oct 3 2001
ANNUAL SEVEN-DAY MINIMUM	80	May 4	88	Oct 1	48	Sep 30 2001
ANNUAL RUNOFF (AC-FT)	82830		89010		108500	
10 PERCENT EXCEEDS	128		146		212	
50 PERCENT EXCEEDS	116		118		141	
90 PERCENT EXCEEDS	89		105		92	

e Estimated

MALAD RIVER BASIN

13152500 MALAD RIVER NEAR GOODING, ID

LOCATION.--Lat 42°53'11", long 114°48'11", (NAD83), in NE¼NE¼SW¼ sec.21, T.6 S., R.14 E., Gooding County, Gooding Butte quad., Hydrologic Unit 17040219, on right bank, at Hudson Ranch, 3.1 mi downstream from bridge on Bliss-Gooding highway, 4.2 mi downstream from Little Wood River, 6 mi southwest of Gooding, and at mile 7.2.

DRAINAGE AREA.--2,990 mi^2, approximately.

PERIOD OF RECORD.--March 1916 to current year (fragmentary from October 1923 to September 1926; no winter records for water years 1923, 1936-37, 1942; irrigation seasons only for water years 1927-35). October 1959 to September 1984, published as “Big Wood River near Gooding”.

REVISED RECORDS.--WSP 1347: 1934.

GAGE.--Water-stage recorder. Datum of gage is 3,343.50 ft above NGVD of 1929. Prior to Apr. 13, 1921, nonrecording gage at present site and datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Magic Reservoir (see sta 13142000) and by several smaller reservoirs on tributaries and affected by deliveries from canals diverting from Snake River at Milner. Diversions above station for irrigation of about 144,000 acres, of which about 4,000 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,860 ft^3/s Dec. 22, 1964, gage height, 12.15 ft, from floodmarks; no flow at times in many years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,170 ft^3/s May 17, gage height, 5.56 ft; no flow Oct. 26, 27.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	13	0.41	e7.0	e30	40	33	209	226	237	106	86
2	92	5.9	0.39	e8.0	e30	40	37	252	357	122	107	150
3	85	5.3	0.08	e6.0	e25	39	49	235	310	109	78	197
4	88	6.7	0.06	e5.0	e25	38	30	210	347	103	74	247
5	98	11	0.04	e4.0	e30	45	33	139	355	83	77	207
6	106	12	0.02	e3.0	e35	37	27	135	312	53	99	156
7	94	13	0.03	e2.0	e40	47	26	110	266	27	110	161
8	0.32	20	0.39	e5.0	e35	37	28	117	242	31	105	182
9	2.2	13	4.5	e4.0	e32	37	20	187	241	46	92	196
10	7.2	23	13	e5.0	e33	45	31	203	218	96	83	228
11	14	23	11	e4.0	e35	36	19	182	97	108	100	277
12	10	24	33	e4.0	e40	54	12	210	31	103	129	309
13	10	6.4	22	e3.0	e45	43	16	221	48	109	149	272
14	54	11	26	e2.0	e50	57	15	149	45	102	190	226
15	16	2.2	39	e1.0	e45	68	17	108	23	70	211	228
16	0.09	0.12	58	e1.0	e40	75	18	132	20	63	228	240
17	1.5	0.07	51	e5.0	e43	65	24	814	31	64	255	229
18	3.3	0.13	37	e10	e45	62	16	309	49	86	259	253
19	1.0	0.26	e25	e15	42	43	125	442	124	102	294	290
20	0.64	0.66	e20	e18	56	59	282	477	173	83	266	270
21	0.48	1.3	e15	e17	59	38	382	338	153	67	222	273
22	0.28	1.0	e5.0	e18	53	58	350	299	121	67	201	251
23	0.13	1.1	e5.0	e15	62	45	221	282	51	106	128	206
24	0.09	2.3	e3.0	e18	51	214	216	272	45	146	93	154
25	0.02	0.99	e1.0	e17	45	88	209	241	51	136	61	182
26	0.00	4.5	0.39	e15	39	57	163	169	66	150	62	199
27	0.00	0.49	0.20	e20	39	50	129	70	122	171	74	249
28	1.3	0.23	e5.0	e25	40	40	73	46	196	156	70	298
29	9.2	0.12	e15	e35	---	40	65	79	283	124	83	305
30	0.14	0.02	e10	e30	---	38	146	74	298	101	49	248
31	12	---	e10	e32	---	38	---	122	---	80	55	---
TOTAL	764.89	202.79	410.51	354.0	1144	1673	2812	6833	4901	3101	4110	6769
MEAN	24.7	6.76	13.2	11.4	40.9	54.0	93.7	220	163	100	133	226
MAX	106	24	58	35	62	214	382	814	357	237	294	309
MIN	0.00	0.02	0.02	1.0	25	36	12	46	20	27	49	86
AC-FT	1520	402	814	702	2270	3320	5580	13550	9720	6150	8150	13430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1916 - 2005, BY WATER YEAR (WY)

MEAN	148	124	108	121	203	351	593	573	477	124	91.5	165
MAX	520	523	727	798	910	1920	2948	3060	2709	796	342	547
(WY)	1983	1984	1984	1965	1986	1983	1943	1983	1983	1983	1983	1985
MIN	4.23	0.80	3.42	1.93	3.79	17.5	3.77	7.41	5.50	0.42	0.00	0.06
(WY)	1936	2002	1920	1989	1993	2003	1931	1920	1931	1919	1919	1920

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1916 - 2005	
ANNUAL TOTAL	23762.80		33075.19			
ANNUAL MEAN	64.9		90.6		286	
HIGHEST ANNUAL MEAN					1077	1983
LOWEST ANNUAL MEAN					20.1	1920
HIGHEST DAILY MEAN	499	Apr 12	814	May 17	6400	Apr 27 1952
LOWEST DAILY MEAN	0.00	Sep 7	0.00	Oct 26	0.00	Jan 17 1917
ANNUAL SEVEN-DAY MINIMUM	0.14	Oct 21	0.14	Oct 21	0.00	Sep 5 1918
ANNUAL RUNOFF (AC-FT)	47130		65600		207000	
10 PERCENT EXCEEDS	174		247		728	
50 PERCENT EXCEEDS	44		49		109	
90 PERCENT EXCEEDS	0.49		1.1		17	

e Estimated

MALAD RIVER BASIN

13153500 MALAD RIVER NEAR BLISS, ID

LOCATION.--Lat 42°51'48", long 114°54'04", (NAD27), in SE¼NE¼NW¼ sec.34, T.6 S., R.13 E., Gooding County, Hagerman quad., Hydrologic Unit 17040219, on right bank, 700 ft upstream from mouth, and 8 mi southeast of Bliss.

DRAINAGE AREA.--3,000 mi^2, approximately.

PERIOD OF RECORD.--April to September 1899; December 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,750 ft above NGVD of 1929, from topographic map. April to September 1899, nonrecording gage at same site and different datum.

REMARKS.--Station equipment includes telemetry. Diversions from Big Wood, Little Wood, and Malad Rivers for irrigation above station. Major diversion for power generation through Malad Power Flume bypasses station at most times. Records for station 13152940 Malad Power Flume are published in reports for water years 1985-99. Records of combined discharge are published in reports for water years 1986-99 as station 13153501. Numerous springs enter the Malad River canyon within 2 mi upstream.

COOPERATION.--Discharge records furnished by Idaho Power and reviewed by U.S. Geological Survey beginning October 2000.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,390 ft^3/s Jan. 2, 1997; minimum daily, 66 ft^3/s Jan. 9, 10, 14, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,100 ft^3/s Apr. 5; minimum daily, 78 ft^3/s Oct. 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	89	86	88	88	89	84	104	101	114	106	101	83
2	90	86	88	88	88	84	103	103	123	98	99	86
3	89	85	87	88	88	84	104	103	121	98	99	89
4	86	85	86	90	87	84	813	103	115	97	97	90
5	90	85	86	88	88	84	1100	100	116	94	99	90
6	93	84	86	88	86	85	1090	101	116	92	99	84
7	93	85	86	90	87	85	1090	100	112	91	101	85
8	85	86	86	88	87	84	1090	100	110	91	99	87
9	84	86	86	88	86	85	1060	102	108	93	99	86
10	83	86	85	88	87	84	116	103	110	98	99	88
11	133	88	85	88	88	84	114	104	103	104	99	92
12	83	86	85	88	86	84	113	103	98	100	100	93
13	81	86	85	88	87	85	112	104	96	101	103	90
14	80	86	84	89	87	84	115	101	95	101	103	86
15	80	85	84	89	86	85	114	100	92	99	107	85
16	79	85	85	88	85	85	111	100	92	99	106	88
17	79	85	85	88	85	86	111	157	89	96	110	88
18	78	85	85	88	85	85	110	106	92	98	109	87
19	80	86	84	88	85	83	110	103	97	100	109	92
20	85	86	85	90	84	83	137	107	102	99	107	90
21	85	86	86	91	86	84	133	106	100	96	106	90
22	85	86	81	90	84	84	112	102	96	98	105	88
23	85	86	80	87	85	84	105	110	93	101	101	86
24	85	87	80	88	86	98	103	114	90	104	99	82
25	85	88	80	87	84	91	104	114	91	103	99	86
26	85	88	80	88	85	87	101	112	93	102	96	88
27	85	87	84	181	85	96	100	106	99	103	98	90
28	85	87	87	88	83	105	99	105	103	103	100	95
29	83	88	87	89	---	104	97	106	111	101	319	98
30	82	89	89	89	---	104	99	106	110	100	845	94
31	86	---	90	89	---	103	---	107	---	96	91	---
TOTAL	2671	2584	2635	2835	2409	2727	8870	3289	3087	3062	4104	2656
MEAN	86.2	86.1	85.0	91.5	86.0	88.0	296	106	103	98.8	132	88.5
MAX	133	89	90	181	89	105	1100	157	123	106	845	98
MIN	78	84	80	87	83	83	97	100	89	91	91	82
AC-FT	5300	5130	5230	5620	4780	5410	17590	6520	6120	6070	8140	5270

CAL YR 2004 TOTAL 39552 MEAN 108 MAX 1320 MIN 74 AC-FT 78450
WTR YR 2005 TOTAL 40929 MEAN 112 MAX 1100 MIN 78 AC-FT 81180

SNAKE RIVER MAIN STEM

13153776 SNAKE RIVER BELOW BLISS DAM NEAR BLISS, ID

LOCATION.--Lat 42°54'52", long 115°05'33", (NAD27), in NW¼SE¼ sec.12, T.6 S., R.11 E., Elmore County, Ticeska quad., Hydrologic Unit 17040212, on right bank, 1 mi downstream from Bliss Power Plant.

PERIOD OF RECORD.--September 1991 to current year.

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

GAGE.--Water-stage recorder. Elevation of gage is 2,600 ft above NGVD of 1929, from topographic map.

REMARKS.--Flow regulated by American Falls Reservoir and several other smaller reservoirs upstream. Diurnal fluctuation caused by hydroelectric plants upstream. At times, practically entire flow is diverted at Milner during irrigation seasons; only minor diversions below Milner; flow below Bliss Dam is then derived largely from springs and seepage entering below Milner.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 7,470 ft³/s July 1; minimum daily, 5,560 ft³/s Apr. 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	6900	6500	6550	6380	6260	6190	5860	6220	6380	7470	6880	6160
2	6890	6530	6530	6420	6190	6210	5890	6150	6520	7130	6780	6200
3	6900	6470	6570	6360	6170	6190	5830	6260	6560	7030	6690	6270
4	6880	6500	6520	6410	6190	6160	5670	6160	6480	7160	6790	6250
5	6900	6480	6550	6420	6110	6160	5760	6200	6440	7120	6750	6360
6	6910	6490	6550	6390	6170	6200	5700	6140	6490	7110	7020	6310
7	6990	6540	6580	6450	6210	6140	5680	6220	6370	7000	6400	6300
8	6780	6410	6580	6350	6220	6100	5650	6250	6410	6920	6570	6320
9	6740	6510	6810	6440	6250	6120	5600	6420	6360	6930	6550	6250
10	6750	6550	6600	6370	6140	6020	5700	6460	6280	7050	6410	6350
11	6920	6660	6640	6350	6230	6130	5680	6410	6060	7140	6310	6480
12	6850	6570	6590	6350	6200	5980	5640	6640	5900	7010	6600	6700
13	6800	6520	6600	6380	6210	6160	5560	6680	6080	6960	6050	6630
14	6830	6520	6510	6360	6290	5970	5660	6540	5960	6900	6280	6540
15	6850	6530	6540	6430	6220	6110	5640	6430	5810	6900	6330	6540
16	6860	6530	6550	6440	6130	6120	5840	6480	5830	6860	6340	6520
17	6980	6640	6540	6610	6210	6050	5770	7330	5820	6860	6350	6530
18	7170	6470	6490	6720	6180	6140	5860	6970	5900	7070	6470	6650
19	7120	6630	6500	6410	6190	5980	5790	6840	6070	7020	6470	6880
20	6770	6550	6520	6360	6220	6020	6250	6880	6080	6970	6480	6760
21	6750	6630	6500	6350	6270	5900	6690	6650	5970	6880	6410	6620
22	6710	6560	6400	6360	6170	5950	6900	6570	6030	7070	6450	6670
23	6820	6580	6440	6500	6210	6070	6140	6490	6380	7080	6270	6680
24	7080	6610	6360	6450	6200	6080	6080	6390	7030	7200	6240	6590
25	7130	6590	6380	6280	6220	5960	6330	6410	6840	7080	6190	6730
26	6990	6640	6410	6260	6170	5930	6300	6320	6980	7140	6120	6710
27	6950	6610	6400	6260	6250	5940	6140	6120	7190	7150	6090	6850
28	6830	6540	6380	6230	6160	5850	6100	6040	7230	7030	6070	6890
29	6610	6570	6400	6260	---	5930	6180	6020	7330	7050	6140	6880
30	6630	6530	6470	6240	---	5980	6200	6270	7310	7020	6010	6800
31	6540	---	6460	6260	---	5920	---	6290	---	6880	6000	---
TOTAL	212830	196460	201920	197850	173640	187660	178090	199250	192090	218190	198510	196420
MEAN	6865	6549	6514	6382	6201	6054	5936	6427	6403	7038	6404	6547
MAX	7170	6660	6810	6720	6290	6210	6900	7330	7330	7470	7020	6890
MIN	6540	6410	6360	6230	6110	5850	5560	6020	5810	6860	6000	6160
AC-FT	422100	389700	400500	392400	344400	372200	353200	395200	381000	432800	393700	389600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	8816	8832	9332	9742	10040	10700	10600	10250	11690	7678	7708	8330
MAX	14710	13110	14780	15930	24620	25870	21020	18830	31390	10450	10960	14420
(WY)	1998	1998	1999	1997	1997	1997	1997	1998	1997	1997	1997	1997
MIN	6865	6549	6514	6382	6201	6054	5936	6168	5864	5783	5965	6527
(WY)	2005	2005	2005	2005	2005	2005	2005	2002	2004	2004	2004	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	2328050		2352910			
ANNUAL MEAN	6361		6446		9468	
HIGHEST ANNUAL MEAN					16590	1997
LOWEST ANNUAL MEAN					6409	2004
HIGHEST DAILY MEAN	7320	Feb 19	7470	Jul 1	39900	Jun 21 1997
LOWEST DAILY MEAN	5180	Jun 24	5560	Apr 13	4960	Aug 30 2002
ANNUAL SEVEN-DAY MINIMUM	5570	Jun 24	5640	Apr 9	5570	Jun 24 2004
ANNUAL RUNOFF (AC-FT)	4618000		4667000		6859000	
10 PERCENT EXCEEDS	6820		6970		14900	
50 PERCENT EXCEEDS	6460		6430		7910	
90 PERCENT EXCEEDS	5810		5980		6260	

SNAKE RIVER MAIN STEM

13154500 SNAKE RIVER AT KING HILL, ID

LOCATION.--Lat 43°00'08", long 115°12'09", (NAD83), in NW¼NW¼SW¼ sec.7, T.5 S., R.11 E., Elmore County, King Hill quad., Hydrologic Unit 17040212, on right bank, 300 ft east of railroad tracks at King Hill, 20 mi downstream from Malad River, and at mile 546.6.

DRAINAGE AREA.--35,800 mi^2, approximately. Mean elevation, 6,040 ft.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1909 to current year.

REVISED RECORDS.--WSP 1317: 1935(M). WDR ID-76-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 2,492.3 ft above NGVD of 1929 (stadia levels). Nonrecording gage May 13, 1909 to Mar. 1, 1910, on left bank at present site at datum 2.20 ft higher, Mar. 7 to Aug. 16, 1910, 0.8 mi upstream at different datum, and Aug. 17, 1910 to Oct. 7, 1928, at present site and datum.

REMARKS.--Records fair. Flow regulated by American Falls Reservoir, 168.4 mi upstream. Diurnal fluctuation caused by hydroelectric plants upstream. At times, practically entire flow is diverted at Milner during irrigation seasons; only minor diversions below Milner; flow at King Hill is then derived largely from springs and seepage entering below Milner. Diversions above station for irrigation of about 2,450,000 acres, of which about 675,000 acres are irrigated by withdrawals from ground water (1966 determination). Inflow from Clover Creek (13154400) may be significant during snowmelt runoff periods some years.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 47,200 ft^3/s June 22, 1918, gage height, 16.3 ft, from rating curve extended above 30,000 ft^3/s; minimum observed, 1,250 ft^3/s Jan. 10, 1950, when flow was cut for gage repairs, gage height, 1.75 ft; minimum daily, 4,760 ft^3/s June 7-9, Aug. 15, 16, 1910.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 9,330 ft^3/s May 17; minimum daily, 5,650 ft^3/s June 16.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7220	6710	6730	6680	e6620	6430	6380	6740	6790	7390	7110	6440
2	7250	6760	6790	6730	e6580	6450	6320	6720	6940	7110	7030	6430
3	7240	6690	6760	6630	e6560	6530	6310	6830	7110	7050	6960	6530
4	7200	6730	6750	6690	e6580	6460	6170	6700	6820	7070	6860	6590
5	7250	6690	6780	6780	e6480	6490	6150	6760	6860	7120	6650	6710
6	7260	6690	6780	6690	e6520	6540	5950	6750	6770	7080	6750	6650
7	7310	6760	6820	6710	e6540	6540	6140	6800	6770	7000	6380	6630
8	7180	6620	6850	6660	e6540	6540	6000	6870	6580	6880	6500	6680
9	7140	6750	7130	6740	e6600	6590	6010	7220	6720	6960	6320	6610
10	7090	6700	6880	6670	e6500	6510	6110	7450	6470	7010	6250	6710
11	7260	6910	6890	6670	e6560	6610	6080	7110	6150	7100	6110	6750
12	7160	6830	6840	6670	e6540	6470	5940	7510	6030	7100	6270	7010
13	7110	6760	6900	6640	e6540	6520	5910	7630	6050	7050	5980	7080
14	7090	6770	6790	6630	e6620	6390	5940	7430	6020	6980	6200	6900
15	7110	6660	6870	6700	e6560	6430	5890	7120	5810	6920	6330	6880
16	7040	6780	6830	e6720	e6500	6500	6240	7670	5650	7080	6310	6890
17	7160	6890	6830	e6800	e6560	6500	6120	9330	5730	7010	6380	6990
18	7320	6700	6780	e7000	e6540	6480	6300	8420	5870	7140	6410	7030
19	7220	6890	6780	e6700	e6540	6320	6150	8680	5980	7160	6510	7180
20	7040	6810	6840	e6680	e6560	6400	6680	8570	6110	7140	6620	7220
21	7070	6880	6820	e6660	e6580	6310	7290	7820	5890	6980	6460	7050
22	7050	6820	6740	e6660	e6500	6270	7590	7490	5920	7140	6470	7010
23	7120	6810	6690	e6800	e6540	6800	6960	7300	6350	7200	6440	7100
24	7380	6860	6620	e6700	6480	7120	6600	7020	7110	7260	6300	7030
25	7450	6840	6600	e6620	6490	6610	6920	6960	7090	7380	6290	7050
26	7310	6930	6730	e6620	6440	6360	6940	6780	7080	7340	6120	7120
27	7230	6880	6660	e6620	6520	6340	6800	6590	7310	7330	6110	7200
28	7140	6790	6660	e6600	6470	6250	6500	6330	7470	7330	6130	7380
29	6910	6790	6690	e6620	---	6440	6770	6310	7540	7190	6320	7170
30	6910	6790	6750	e6600	---	6460	6830	6580	7450	7270	6120	7250
31	6790	---	6790	e6620	---	6420	---	6730	---	7220	6150	---
TOTAL	222010	203490	210370	207310	183060	201080	191990	224220	196440	220990	198840	207270
MEAN	7162	6783	6786	6687	6538	6486	6400	7233	6548	7129	6414	6909
MAX	7450	6930	7130	7000	6620	7120	7590	9330	7540	7390	7110	7380
MIN	6790	6620	6600	6600	6440	6250	5890	6310	5650	6880	5980	6430
AC-FT	440400	403600	417300	411200	363100	398800	380800	444700	389600	438300	394400	411100

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

MEAN	10380	10880	10880	11070	11190	11520	12530	12310	12970	8382	7751	8744
MAX	18630	20920	19750	21980	25290	26830	28100	27590	36970	21730	10920	14740
(WY)	1985	1985	1984	1984	1997	1997	1971	1984	1909	1909	1997	1912
MIN	6859	6783	6786	6613	6538	6466	6400	6205	5666	5396	4969	5869
(WY)	1925	2005	2005	2004	2005	2003	2005	1924	2004	1910	1910	1910

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1909 - 2005	
ANNUAL TOTAL	2379260		2467070			
ANNUAL MEAN	6501		6759		10670	
HIGHEST ANNUAL MEAN					18070	1984
LOWEST ANNUAL MEAN					6520	2004
HIGHEST DAILY MEAN	7850	Feb 19	9330	May 17	47200	Jun 22 1918
LOWEST DAILY MEAN	4870	Jun 24	5650	Jun 16	4760	Jul 7 1910
ANNUAL SEVEN-DAY MINIMUM	5230	Jun 24	5860	Jun 15	4880	Aug 10 1910
ANNUAL RUNOFF (AC-FT)	4719000		4893000		7730000	
10 PERCENT EXCEEDS	7220		7240		16700	
50 PERCENT EXCEEDS	6620		6740		9020	
90 PERCENT EXCEEDS	5640		6250		6810	

e Estimated

13154500 SNAKE RIVER AT KING HILL, ID--Continued
(National water-quality assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1951 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1951 to September 1980 (discontinued).
WATER TEMPERATURE: March 1951 to September 1980, June to September 1993, June to September 1994, July to September 1995, July to September 1996, May to September 2001, June to September 2002 (discontinued).

INSTRUMENTATION.--Water-quality monitor from March 1951 to September 1980. Temperature recording data logger from June to September 1993, June to September 1994, July to September 1995, July to September 1996, May to September 2001, June to September 2002.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 595 micromho/cm June 19, 1968; minimum, 296 micromho/cm May 15, 1974.
WATER TEMPERATURE: Maximum, 23.0 °C Aug. 2, 1955; minimum, 3.0 °C Dec. 11, 16, 1972.

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

Date	Time	Instan-taneous dis-charge, cfs (00061)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Chlor-ide, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)
OCT													
07...	0945	7430	9.8	8.8	496	14.0	14.8	167	199	2.3	25.931	45.900	<.04
NOV													
09...	0945	6870	8.8	8.2	429	5.0	11.8	150	182	.8	26.945	49.042	<.04
DEC													
07...	0930	6670	9.6	8.6	496	4.0	9.1	156	188	1.2	26.661	47.791	E.020
JAN													
04...	0945	6720	9.3	8.3	497	9.1	-1.0	157	190	.6	25.546	47.843	<.04
FEB													
03...	0930	6520	9.9	8.0	475	-1.0	9.6	152	183	1.5	26.573	46.061	<.04
MAR													
09...	0945	6400	11.3	8.8	474	7.0	11.6	154	184	1.8	25.725	43.661	<.04
22...	1000	6310	8.6	8.4	469	11.0	12.3	155	187	.9	25.827	42.468	<.04
APR													
04...	0945	6040	8.9	8.2	471	7.0	12.4	154	184	1.4	25.645	41.466	<.04
19...	0915	5900	9.1	8.4	470	6.0	13.6	147	177	1.1	26.273	44.122	<.04
MAY													
04...	1015	6570	9.1	8.3	461	16.0	15.6	150	180	1.1	26.073	42.252	<.04
10...	1045	7310	10.9	8.7	445	10.5	14.7	136	161	2.5	25.702	40.644	<.04
17...	1015	9540	8.6	8.2	419	13.0	15.0	140	169	1.1	21.446	36.942	<.04
JUN													
08...	1230	6500	9.4	8.3	464	14.0	15.8	151	179	2.3	24.595	41.747	<.04
23...	1100	6330	9.1	8.4	476	23.0	18.6	166	197	2.5	25.410	42.324	<.04
JUL													
06...	0930	7070	8.8	8.3	472	25.0	20.0	161	191	2.6	25.190	42.460	<.04
19...	1215	6830	9.9	8.4	473	33.0	19.8	161	190	3.0	24.184	42.296	<.04
AUG													
09...	1000	6500	7.9	8.1	480	30.0	19.7	--	--	--	--	--	<.04
SEP													
07...	1030	6570	8.5	8.2	493	24.0	17.0	157	186	2.1	25.268	43.933	<.04

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 nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4,5-T surrog, water, fltrd, percent recovry (99958)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)
OCT													
07...	1.517	.008	1.725	.023	.0669	<.0882	93.3	<.016	<.0454	<.02	<.006	<.005	E.0049
NOV													
09...	1.589	.023	1.930	.039	.0565	<.0882	115.7	<.016	<.038	<.02	<.006	<.005	E.0057
DEC													
07...	1.692	.011	1.850	.022	.0556	<.0882	E108.1	<.016	<.038	<.02	<.006	<.005	E.0088
JAN													
04...	1.749	.018	1.975	.039	.0561	<.0882	115.4	<.016	<.038	<.02	<.006	<.005	E.0077
FEB													
03...	1.718	.016	1.901	.051	.0676	<.0882	E61.8	<.016	<.038	<.02	<.006	<.005	E.0075
MAR													
09...	1.423	.009	1.663	.043	.0613	<.0882	77.3	<.016	<.038	<.02	<.006	<.005	<.006
22...	1.442	.010	1.553	.029	.0596	<.0882	88.9	<.016	<.038	<.02	<.006	<.005	E.0080
APR													
04...	1.347	.010	1.560	.023	.0544	<.0882	83.2	<.016	<.038	<.02	<.006	<.005	<.0080
19...	1.350	.008	1.627	.024	.0732	<.0882	103.0	<.016	<.038	<.02	<.006	<.005	E.0044
MAY													
04...	1.191	.009	1.485	.034	.0554	<.0882	103.1	<.016	.0654	<.02	<.006	<.005	E.0067
10...	1.052	.011	1.346	.022	.0698	<.0882	86.9	<.016	.0888	<.02	<.006	<.005	E.0074
17...	1.051	.011	1.453	.045	.1073	<.0882	91.7	<.016	E.0379	<.05	<.006	<.005	E.0053
JUN													
08...	1.167	.014	1.366	.035	.0708	<.0882	77.4	<.016	E.0369	<.02	<.006	<.005	E.0063
23...	1.204	.016	1.415	.040	.0769	<.0882	89.7	<.016	.0709	<.02	<.006	<.005	E.0066
JUL													
06...	1.046	.014	1.283	.035	.0754	<.0882	100.3	<.016	E.0184	<.02	<.006	<.005	E.0057
19...	1.055	.014	1.263	.040	.0906	<.0882	87.0	<.016	.0893	<.02	<.006	<.005	E.0055
AUG													
09...	1.163	.011	1.409	.042	.0782	<.0882	112.5	<.016	<.038	<.020	<.006	<.005	<.006
SEP													
07...	1.486	.013	1.672	.036	.0587	<.0882	84.7	<.016	<.038	<.02	<.006	<.005	<.006

Date	CEAT, water, fltrd, ug/L (04038)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)
OCT													
07...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0057	<.006	<.028	<.005	<.018	<.022
NOV													
09...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0057	<.006	<.028	<.005	<.018	<.022
DEC													
07...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0057	<.006	<.028	<.005	<.018	<.022
JAN													
04...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0057	<.006	<.028	<.005	<.018	<.022
FEB													
03...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0057	<.006	<.028	<.005	<.018	<.022
MAR													
09...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
22...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
APR													
04...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
19...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
MAY													
04...	<.08	<.0045	<.032	<.0045	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
10...	<.08	<.0045	<.032	--	--	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
17...	<.08	<.0045	<.032	E.0019	--	<.008	<.02	<.0056	<.006	<.028	E.0047	<.018	<.022
JUN													
08...	<.08	<.0045	<.032	<.0045	<.0043	<.008	<.02	<.0056	<.006	<.028	E.0044	<.018	<.022
23...	<.08	<.0045	<.032	<.0045	<.0043	<.008	<.2	<.0056	<.006	<.028	<.005	<.018	<.022
JUL													
06...	<.08	<.0045	<.032	<.0045	<.0043	<.008	--	<.0056	<.006	<.028	<.005	<.018	<.022
19...	<.08	<.0045	<.032	<.0045	<.0043	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
AUG													
09...	<.08	<.0045	<.032	<.0045	<.0043	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022
SEP													
07...	<.08	<.0045	<.032	<.0045	<.0043	<.008	<.02	<.0056	<.006	<.028	<.005	<.018	<.022

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

Date	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	alpha-HCH-d6, surrog, Sch2003 wat flt percent recovry (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 ug/L (82686)	Barban, surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Broma-cil, water, fltrd, ug/L (04029)
OCT													
07...	<.04	--	90.5704	E.0038	<.0700	<.050	101.4	<.02	<.010	<.022	<.018	<.012	<.018
NOV													
09...	<.04	--	88.6402	<.007	<.0700	<.05	103.1	<.02	<.010	<.022	<.018	<.012	<.018
DEC													
07...	<.04	--	79.7949	.0071	<.0700	<.05	89.1	<.02	<.010	<.022	<.018	<.012	<.018
JAN													
04...	<.04	--	91.2680	.0076	<.0700	<.05	128.4	<.02	<.010	<.022	<.018	<.012	<.018
FEB													
03...	<.04	--	85.9031	E.0059	<.0700	<.05	70.4	<.02	<.010	<.022	<.018	<.012	<.018
MAR													
09...	<.04	--	83.8125	<.007	<.0700	<.05	101.1	<.02	<.010	<.022	<.018	<.012	<.018
22...	<.04	--	87.5205	.0086	<.0700	<.05	92.6	<.02	<.010	<.022	<.018	<.012	<.018
APR													
04...	<.04	--	95.0642	<.007	<.0700	<.05	E58.0	<.02	<.010	<.022	<.018	<.012	<.018
19...	<.04	--	104.6688	E.0035	<.0700	<.05	E67.8	<.02	<.010	<.022	<.018	<.012	<.018
MAY													
04...	<.04	--	101.3377	E.0059	<.0700	<.05	E11.9	<.02	<.010	E.0133	<.018	<.012	<.018
10...	<.04	--	119.5054	<.007	<.0700	<.05	89.4	<.02	<.010	<.022	<.018	<.012	<.018
17...	<.04	--	100.7951	E.0053	<.0700	<.05	75.5	<.02	<.010	<.022	<.018	<.012	E.0081
JUN													
08...	<.04	<.0047	104.2225	E.0060	<.07	<.05	75.9	<.02	<.01	<.022	<.018	<.012	<.018
23...	<.04	<.0047	101.1145	E.0058	<.07	<.05	E34.0	<.02	<.01	<.022	<.018	<.012	<.018
JUL													
06...	<.04	<.0047	96.1860	E.0055	<.07	<.05	115.2	<.02	<.01	<.022	<.018	<.012	<.018
19...	<.04	<.0047	98.9733	E.0053	<.07	<.05	E17.5	<.02	<.01	<.022	<.018	<.012	<.018
AUG													
09...	<.04	<.0047	85.6328	E.0046	<.07	<.05	77.4	<.020	<.01	<.022	<.018	<.012	<.018
SEP													
07...	<.04	<.0047	94.7142	E.0050	<.07	<.05	E122.7	<.02	<.01	<.022	<.018	<.012	<.018

Date	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Caf-feine-13C, surrog, wat flt percent recovry (99959)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)
OCT													
07...	<.028	<.018	97.8	<.018	<.041	<.016	--	<.024	<.032	E.0057	<.035	<.0562	<.005
NOV													
09...	<.028	<.018	99.7	<.018	<.041	<.016	--	<.024	<.032	E.0061	<.035	<.0562	<.005
DEC													
07...	<.028	<.018	118.7	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
JAN													
04...	<.028	<.018	111.5	<.018	<.041	<.016	--	<.024	<.032	<.04	--	<.0562	<.005
FEB													
03...	<.028	E.0057	115.3	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
MAR													
09...	<.028	E.0088	E132.4	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
22...	<.028	<.018	E161.0	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
APR													
04...	<.028	E.0105	105.9	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
19...	<.028	E.0117	116.5	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
MAY													
04...	<.028	<.018	122.1	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
10...	<.028	<.018	91.1	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
17...	<.028	<.018	100.6	<.018	<.041	<.016	--	<.024	<.032	<.04	<.035	<.0562	<.005
JUN													
08...	<.028	<.018	126.2	<.018	<.041	<.016	<.02	<.024	<.032	<.04	<.035	<.0562	<.005
23...	<.028	<.018	E117.0	<.018	<.041	<.016	<.02	<.024	<.032	<.04	<.035	<.0562	E.0038
JUL													
06...	<.028	<.018	91.6	<.018	<.041	<.016	<.02	<.024	<.032	<.04	<.035	<.0562	<.005
19...	<.028	E.0152	102.3	<.018	<.041	<.016	<.02	<.024	<.032	<.04	<.035	<.0562	<.005
AUG													
09...	<.028	<.018	88.4	<.018	<.041	<.016	<.02	<.024	<.032	<.022	<.035	<.0562	<.005
SEP													
07...	<.028	E.0161	E99.6	<.018	<.041	<.016	<.02	<.024	<.032	<.04	<.035	<.0562	<.005

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

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)
OCT													
07...	<.006	--	<.024	--	<.014	<.008	--	<.0086	<.028	<.003	<.012	<.006	<.005
NOV													
09...	<.006	--	<.024	--	<.014	<.008	--	<.0086	<.028	<.003	<.012	<.006	<.005
DEC													
07...	<.006	--	<.024	--	<.014	<.008	--	<.0086	<.028	<.003	<.012	<.006	<.005
JAN													
04...	<.006	--	<.024	--	<.014	<.008	--	<.0086	<.028	<.003	<.012	<.006	<.005
FEB													
03...	<.006	--	<.024	--	<.014	<.008	--	<.0086	<.028	<.003	<.012	<.006	<.005
MAR													
09...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
22...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
APR													
04...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
19...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
MAY													
04...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
10...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
17...	<.006	--	<.024	--	<.014	<.0267	--	<.0086	<.028	<.003	<.012	<.006	<.005
JUN													
08...	<.006	<.008	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005
23...	<.006	<.0200	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005
JUL													
06...	<.006	<.008	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005
19...	<.006	<.008	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005
AUG													
09...	<.006	<.008	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005
SEP													
07...	<.006	<.008	<.024	<.018	<.014	<.0267	<.0089	<.0086	<.028	<.003	<.012	--	<.005

Date	Diazinon-d10 surrog, Sch2003 wat flt percent recovry (99994)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)
OCT													
07...	84.2428	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
NOV													
09...	61.0616	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
DEC													
07...	67.5077	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.015	--	--
JAN													
04...	77.0302	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
FEB													
03...	68.9694	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
MAR													
09...	107.2556	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
22...	85.8825	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
APR													
04...	96.7315	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
19...	101.0955	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
MAY													
04...	107.0037	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
10...	102.8760	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	<.014	--	--
17...	106.2175	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	--	--	.0233	--	--
JUN													
08...	108.8182	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	<.0059	<.021	<.014	<.0138	.0152
23...	110.5638	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	<.0059	<.021	E.0205	<.0138	.0109
JUL													
06...	101.1683	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	<.0059	<.021	<.014	<.0138	E.0056
19...	94.9001	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	<.0059	<.021	<.014	<.0138	E.0048
AUG													
09...	98.9329	<.036	<.028	<.0843	<.009	<.0061	<.038	<.010	<.0059	<.021	<.015	<.0138	E.0023
SEP													
07...	98.3180	<.036	<.028	<.0843	<.009	<.0061	<.038	<.01	<.0059	<.021	<.015	<.0138	<.004

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

Date	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)
OCT													
07...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
NOV													
09...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
DEC													
07...	<.0020	<.004	--	<.0491	<.0387	<.029	<.019	<.029	<.013	<.024	<.016	<.04	<.016
JAN													
04...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
FEB													
03...	<.0020	<.004	--	<.0491	--	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
MAR													
09...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
22...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
APR													
04...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
19...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
MAY													
04...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
10...	<.0020	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
17...	<.0100	<.004	--	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
JUN													
08...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
23...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
JUL													
06...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
19...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.018	<.029	<.013	<.024	<.016	<.04	<.016
AUG													
09...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.032	<.029	<.013	<.024	<.016	<.040	<.016
SEP													
07...	<.002	<.004	<.005	<.0491	<.0387	<.029	<.019	<.029	<.013	<.024	<.016	<.04	<.016

Date	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)
OCT													
07...	<.0029	<.003	<.0129	<.036	<.038	<.02	<.387	<.0034	<.014	<.0298	<.027	<.03	<.01
NOV													
09...	<.0029	<.003	<.0129	<.036	<.038	<.02	<.387	<.0034	<.014	<.0298	<.027	<.03	<.01
DEC													
07...	<.0029	<.003	<.0129	<.036	<.038	<.02	<.387	<.0034	<.014	<.0298	<.027	<.03	<.01
JAN													
04...	--	<.003	<.0129	<.036	<.038	<.02	<.387	<.0034	<.014	<.0298	<.027	<.03	<.01
FEB													
03...	<.0029	<.003	<.0129	<.036	<.038	<.02	<.387	<.0034	<.014	<.0298	<.027	<.03	<.01
MAR													
09...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
22...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
APR													
04...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
19...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
MAY													
04...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
10...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
17...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.05
JUN													
08...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
23...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
JUL													
06...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
19...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01
AUG													
09...	--	<.003	<.0129	<.036	<.038	<.020	<.538	<.0034	<.014	<.0298	<.027	<.030	<.010
SEP													
07...	--	<.003	<.0129	<.036	<.038	<.02	<.538	<.0034	<.014	<.0298	<.027	<.03	<.01

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

Date	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	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)	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)
OCT													
07...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
NOV													
09...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
DEC													
07...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
JAN													
04...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0059	<.006	<.025	--	<.008	<.036
FEB													
03...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
MAR													
09...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
22...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
APR													
04...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
19...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	--	<.008	<.036
MAY													
04...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0059	<.006	<.025	--	<.008	<.036
10...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	.0077	<.006	<.025	--	<.008	<.036
17...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0021	<.006	<.025	--	<.008	<.036
JUN													
08...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0043	<.006	<.025	<.003	<.008	<.036
23...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0049	<.006	<.025	<.003	<.008	<.036
JUL													
06...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0041	<.006	<.025	<.003	<.008	<.036
19...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	E.0044	<.006	<.025	<.003	<.008	<.036
AUG													
09...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	<.003	<.008	<.036
SEP													
07...	<.012	<.0051	<.0058	<.01	<.02	<.0299	<.015	<.006	<.006	<.025	<.003	<.008	<.036

Date	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur-azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	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)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)
OCT													
07...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
NOV													
09...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
DEC													
07...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
JAN													
04...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
FEB													
03...	<.012	E.0132	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
MAR													
09...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	--	<.010
22...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
APR													
04...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
19...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
MAY													
04...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
10...	<.012	<.04	<.02	<.012	<.03	--	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.010
17...	<.012	<.04	<.02	<.012	<.03	--	E.0064	<.1048	<.011	<.0511	<.0079	<.032	<.010
JUN													
08...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	--	<.0079	<.032	<.01
23...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	--	--	<.032	<.01
JUL													
06...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.01
19...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	<.0511	<.0079	<.032	<.01
AUG													
09...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	--	<.0079	<.032	<.01
SEP													
07...	<.012	<.04	<.02	<.012	<.03	<.0073	<.022	<.1048	<.011	--	<.0079	<.032	<.01

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

Date	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)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)
OCT													
07...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
NOV													
09...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
DEC													
07...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
JAN													
04...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
FEB													
03...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
MAR													
09...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
22...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
APR													
04...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
19...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
MAY													
04...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
10...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	<.005	<.038	<.016	--	<.016
17...	<.0054	<.004	--	--	<.03	<.01	<.008	<.02	E.0049	<.038	<.016	--	<.016
JUN													
08...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.02	<.005	<.038	<.016	<.0077	<.016
23...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.02	<.005	<.038	<.016	<.0077	<.016
JUL													
06...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.02	<.005	<.038	<.016	<.0077	<.016
19...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.02	<.005	<.038	<.016	<.0077	<.016
AUG													
09...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.020	<.005	<.038	<.016	<.0077	<.016
SEP													
07...	<.0054	<.004	<.011	<.023	<.03	<.01	<.008	<.02	<.005	<.038	<.016	<.0077	<.016

Date	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Di-chlor-vos, water fltrd, ug/L (38775)	Sus-pended sedi-ment concen-tration mg/L (80154)
OCT										
07...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	18
NOV										
09...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	3
DEC										
07...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	12
JAN										
04...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	3
FEB										
03...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	4
MAR										
09...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	5
22...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	4
APR										
04...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	5
19...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	18
MAY										
04...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	10
10...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	10
17...	<.0676	<.017	<.0102	--	--	--	<.026	<.009	<.0118	31
JUN										
08...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	9
23...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	7
JUL										
06...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	--
19...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	8
AUG										
09...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	14
SEP										
07...	<.0676	<.017	<.0102	<.010	<.0133	<.0044	<.026	<.009	<.0118	5

< Less than.
E Estimated.