



Figure 16. Schematic diagram showing gaging stations in the Clearwater and Palouse River basins.

CLEARWATER RIVER BASIN

13335690 SELWAY RIVER ABOVE MOOSE CREEK NEAR MOOSE CREEK RANGER STATION, ID

LOCATION.--Lat 46°07'18", long 114°55'50", (NAD83), Idaho County, Moose Ridge quad., Hydrologic Unit 17060301, Selway Bitterroot Wilderness, Nezperce National Forest, on left bank at downstream side of pack bridge, 150 ft downstream of Tony Creek, 1,250 ft upstream of Moose Creek, 0.8 mi southwest of Moose Creek Ranger Station, and at mile 138.

DRAINAGE AREA.--987 mi².

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,190 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 18,400 ft³/s May 29, 2003; minimum daily, 75 ft³/s Nov. 1, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 8,020 ft³/s May 5, 6; minimum daily, 100 ft³/s Jan. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182	237	383	e280	428	462	2190	3930	5560	1720	365	433
2	180	314	391	e320	368	453	1990	4850	5630	1550	355	492
3	176	358	415	e300	337	438	1850	6190	6040	1410	360	449
4	173	310	390	e280	e340	432	2130	7210	6850	1310	348	418
5	171	190	349	e160	e320	429	2820	8020	7590	1200	331	399
6	170	e110	392	e100	324	428	3410	8020	7840	1120	318	380
7	170	e110	469	e200	320	406	3730	7500	5870	1080	311	364
8	170	e190	446	e300	329	406	3910	7600	5250	1050	303	348
9	168	e260	408	e340	317	461	3550	7040	5110	957	294	334
10	168	e380	377	e340	313	706	3130	6070	5280	894	282	323
11	180	479	386	319	309	842	2970	5560	4990	852	274	314
12	224	420	364	284	258	862	3080	4610	4410	809	266	705
13	262	325	378	287	185	970	3500	3880	4210	763	257	1100
14	252	283	431	290	e200	1020	3950	3440	4140	722	248	1010
15	258	272	422	295	e290	967	3640	3190	3830	692	240	1110
16	293	297	357	341	e340	986	3160	3480	3250	659	239	1110
17	273	327	355	323	349	1030	2850	3500	3150	640	294	988
18	287	312	354	303	351	1090	2580	3850	3220	659	339	953
19	302	323	197	311	399	1400	2390	5100	3530	723	299	1160
20	288	380	319	309	413	1360	2260	5280	3210	734	285	1200
21	274	328	452	304	416	1280	2080	5630	2950	647	264	1210
22	268	274	392	289	413	1470	1930	5720	2840	576	278	1080
23	254	232	251	287	423	1930	1910	5370	2900	538	439	1060
24	237	277	e240	311	466	2650	2130	4790	2860	506	528	1030
25	228	286	410	313	491	2520	2150	4270	2830	482	771	941
26	222	290	365	299	485	2310	2410	4380	2590	468	1230	863
27	223	286	321	297	477	2030	3210	6810	2430	443	1010	799
28	238	266	266	316	470	1750	4730	7830	2170	423	716	746
29	940	337	297	362	469	1570	4010	7030	1960	407	588	703
30	629	429	269	521	---	1650	3620	6090	1890	393	513	662
31	345	---	231	485	---	2050	---	6020	---	379	461	---
TOTAL	8205	8882	11077	9466	10600	36358	87270	172260	124380	24806	12806	22684
MEAN	265	296	357	305	366	1173	2909	5557	4146	800	413	756
MAX	940	479	469	521	491	2650	4730	8020	7840	1720	1230	1210
MIN	168	110	197	100	185	406	1850	3190	1890	379	239	314
AC-FT	16270	17620	21970	18780	21030	72120	173100	341700	246700	49200	25400	44990
CFSM	0.27	0.30	0.36	0.31	0.37	1.19	2.95	5.63	4.20	0.81	0.42	0.77
IN.	0.31	0.33	0.42	0.36	0.40	1.37	3.29	6.49	4.69	0.93	0.48	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
MEAN	413	636	674	529	755	1190	2951	6523	5828	1509	417	326
MAX	792	2384	3111	1154	2824	1803	4002	9703	8782	2587	575	756
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1996	1995	2004	2004
MIN	214	223	212	257	280	605	1690	5532	2593	634	258	186
(WY)	2003	2003	2003	2001	2001	2002	2001	2002	2001	2001	2000	2001

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1995 - 2004
ANNUAL TOTAL	647263	528794	
ANNUAL MEAN	1773	1445	1806
HIGHEST ANNUAL MEAN			2921
LOWEST ANNUAL MEAN			1171
HIGHEST DAILY MEAN	18400	8020	18400
LOWEST DAILY MEAN	110	100	75
ANNUAL SEVEN-DAY MINIMUM	170	170	130
ANNUAL RUNOFF (AC-FT)	1284000	1049000	1308000
ANNUAL RUNOFF (CFSM)	1.80	1.46	1.83
ANNUAL RUNOFF (INCHES)	24.40	19.93	24.86
10 PERCENT EXCEEDS	5200	4300	5310
50 PERCENT EXCEEDS	465	450	561
90 PERCENT EXCEEDS	217	253	246

e Estimated

CLEARWATER RIVER BASIN

13335700 MOOSE CREEK AT MOUTH NEAR MOOSE CREEK RANGER STATION, ID

LOCATION.--Lat 46°07'28", long 114°55'58", (NAD83), Idaho County, Moose Ridge quad., Hydrologic Unit 17060302, Selway Bitterroot Wilderness, Nezperce National Forest, on right bank 240 ft upstream from pack bridge, 800 ft upstream of mouth, and 0.8 mi southwest of Moose Creek Ranger Station.

DRAINAGE AREA.--367 mi².

PERIOD OF RECORD.--June 1995 to current year.

REVISED RECORDS.--WDR-ID-99-2: 1997 (M).

GAGE.--Water-stage recorder. Elevation of gage is 2,190 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 15,000 ft³/s May 17, 1997; minimum daily, 32 ft³/s Dec. 21, 1998, during period of freezeup.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 5,000 ft³/s May 5, 6; minimum daily, 60 ft³/s Nov. 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e80	112	155	e140	178	217	1320	e2600	e3500	948	197	223
2	78	146	174	e150	166	217	1180	e3100	e3500	872	188	325
3	77	143	188	153	161	213	1180	e4000	3710	807	187	294
4	76	125	169	139	162	216	1530	e4500	4360	754	180	260
5	76	91	160	92	154	216	1930	e5000	4690	705	171	238
6	76	e60	234	e70	149	214	2230	e5000	4910	661	165	223
7	77	e60	292	e110	151	206	2450	e4700	3560	648	165	211
8	77	e80	239	e150	148	204	2530	e4800	3220	617	165	200
9	77	e120	208	e160	146	238	2320	e4400	3090	569	156	192
10	77	157	198	e160	143	350	2110	e4000	3030	532	148	186
11	81	221	188	160	141	376	2080	e3600	3080	503	142	184
12	98	171	181	148	123	384	2210	e3000	2580	473	137	425
13	114	136	196	144	111	436	2410	e2500	2540	446	131	405
14	111	123	213	142	e120	452	2670	e2200	2400	419	128	636
15	105	118	201	141	e150	433	2410	e2100	2190	396	124	674
16	141	124	182	144	151	464	2090	e2200	1950	373	123	656
17	152	148	181	142	156	490	e1900	e2200	1880	368	136	595
18	133	142	153	137	202	551	e1800	e2500	1880	424	171	1010
19	117	152	119	142	257	720	e1700	e3200	2220	425	149	873
20	110	178	185	141	224	659	e1600	e3400	1900	458	155	843
21	105	149	201	139	210	652	e1500	e3600	1740	363	134	841
22	102	123	172	135	203	805	e1400	e3600	1670	328	145	754
23	100	120	142	140	203	1080	e1400	e3400	1620	306	300	719
24	96	118	e140	146	213	1460	e1500	e3100	1540	288	248	677
25	93	129	184	141	215	1320	e1500	e2800	1530	271	444	625
26	92	129	168	138	217	1250	e1700	e2900	1400	263	649	583
27	92	127	159	139	216	1150	e2100	e4400	1420	245	458	546
28	110	125	145	151	219	1030	e3000	e4900	1280	232	336	515
29	559	157	156	167	220	976	e2600	e4400	1140	222	284	489
30	258	159	139	208	---	1100	e2400	e3900	1030	213	253	463
31	130	---	e130	190	---	1350	---	e3800	---	205	229	---
TOTAL	3670	3943	5552	4459	5109	19429	58750	109800	74560	14334	6598	14865
MEAN	118	131	179	144	176	627	1958	3542	2485	462	213	496
MAX	559	221	292	208	257	1460	3000	5000	4910	948	649	1010
MIN	76	60	119	70	111	204	1180	2100	1030	205	123	184
AC-FT	7280	7820	11010	8840	10130	38540	116500	217800	147900	28430	13090	29480
CFSM	0.32	0.36	0.49	0.39	0.48	1.71	5.34	9.65	6.77	1.26	0.58	1.35
IN.	0.37	0.40	0.56	0.45	0.52	1.97	5.96	11.13	7.56	1.45	0.67	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
MEAN	210	400	409	314	399	600	1660	4081	3721	842	201	159
MAX	499	1614	1960	665	1395	896	2290	7061	6043	1512	305	496
(WY)	1996	1996	1996	1996	1996	1996	2000	1997	1997	1997	1997	2004
MIN	94.0	111	110	127	131	337	844	3165	1399	320	117	73.8
(WY)	2003	2003	2003	2001	2001	2002	2001	2001	2001	2001	2000	2001

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1995 - 2004
ANNUAL TOTAL	365458	321069	
ANNUAL MEAN	1001	877	1081
HIGHEST ANNUAL MEAN			1670
LOWEST ANNUAL MEAN			609
HIGHEST DAILY MEAN	12200	5000	15000
LOWEST DAILY MEAN	60	60	32
ANNUAL SEVEN-DAY MINIMUM	77	77	58
ANNUAL RUNOFF (AC-FT)	724900	636800	783500
ANNUAL RUNOFF (CFSM)	2.73	2.39	2.95
ANNUAL RUNOFF (INCHES)	37.04	32.54	40.04
10 PERCENT EXCEEDS	2630	2710	3040
50 PERCENT EXCEEDS	239	222	320
90 PERCENT EXCEEDS	92	119	108

e Estimated

CLEARWATER RIVER BASIN

13336500 SELWAY RIVER NEAR LOWELL, ID

LOCATION.--Lat 46°05'12", long 115°30'50", (NAD83), in NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.25, T.32 N., R.7 E., Idaho County, Goddard Point quad., Hydrologic Unit 17060302, Nez Perce National Forest, on right bank 0.2 mi upstream from O'Hara Creek, 7 mi upstream from Lowell, 7.6 mi upstream from confluence with Lochsa River, and 105.2 mi upstream from mouth of Clearwater River.

DRAINAGE AREA.--1,910 mi², approximately. Mean elevation, 5,640 ft.

PERIOD OF RECORD.--April 1911 to September 1912 (gage heights or fragmentary discharge records only), October 1929 to current year. Monthly discharge only for October 1929, published in WSP 1317.

REVISED RECORDS.--WSP 1043: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 1,540 ft above NGVD of 1929, from river-profile map. Apr. 11 to Sept. 2, 1911, recording gage at site 2 mi downstream at different datum. Feb. 7 to Sept. 22, 1912, and Oct. 14 to Nov. 19, 1930, nonrecording gages at nearby sites at different datums.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 48,900 ft³/s May 29, 1948, gage height, 16.04 ft; minimum, probably less than 100 ft³/s Jan. 8, 1937, during period of ice effect.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 18,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 6	0145	*17,900	*9.48	No peaks greater than base discharge.			
May 28	0900	*17,900	*9.48				

Minimum daily, 340 ft³/s Nov. 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	443	547	961	700	1180	1130	5150	9030	12800	4010	920	1020
2	440	603	982	768	1010	1100	4690	10700	12600	3690	894	1230
3	435	729	1040	761	898	1070	4510	13000	13000	3400	897	1180
4	429	685	985	695	902	1060	5310	14800	14200	3170	880	1050
5	424	e500	878	e500	877	1050	6740	16400	15500	2940	842	990
6	424	e340	1030	e400	810	1070	7730	16600	16400	2760	819	941
7	424	e340	1270	e550	784	1010	8440	15700	13000	2640	808	899
8	425	e460	1170	e750	791	1000	8880	16100	11700	2590	798	860
9	426	e650	1030	e800	771	1160	8230	15100	11100	2390	774	830
10	428	795	945	817	754	1720	7430	13300	11400	2230	744	804
11	448	1190	927	783	744	2020	7140	12400	11200	2110	721	792
12	543	1080	883	742	704	2060	7380	10600	9940	2010	701	1590
13	630	784	928	723	609	2220	8120	9070	9490	1900	680	2240
14	632	681	1090	746	632	2350	8940	8180	9320	1800	662	2540
15	605	637	1070	824	766	2240	8430	7650	8660	1720	647	2920
16	725	648	941	775	801	2290	7350	8360	7740	1630	641	2590
17	716	755	872	774	822	2400	6670	8360	7370	1550	673	2420
18	674	772	889	719	900	2600	6150	8690	7390	1740	886	3250
19	656	777	706	725	1120	3220	5760	10900	8110	1780	772	3160
20	623	899	676	729	1140	3210	5540	11200	7430	1940	725	3000
21	593	813	961	719	1100	3010	5120	11800	6830	1660	697	3080
22	572	695	934	687	1070	3450	4780	12100	6550	1460	689	2740
23	558	616	779	701	1060	4430	4790	11700	6460	1350	1190	2550
24	535	632	678	791	1100	5940	5420	10600	6270	1270	1330	2440
25	516	665	920	779	1150	5760	5390	9670	6160	1210	1820	2260
26	509	671	901	734	1150	5370	5900	10100	5760	1170	3020	2070
27	508	674	813	718	1150	4860	7410	15300	5460	1110	2420	1920
28	543	640	735	795	1140	4290	10200	17300	5070	1060	1690	1800
29	1840	862	728	1030	1140	3950	8930	15800	4600	1020	1380	1700
30	1520	1050	726	1540	---	4190	8370	14000	4350	986	1200	1610
31	848	---	643	1410	---	5010	---	13900	---	953	1080	---
TOTAL	19092	21190	28091	24185	27075	86240	204900	378410	275860	61249	32000	56476
MEAN	616	706	906	780	934	2782	6830	12210	9195	1976	1032	1883
MAX	1840	1190	1270	1540	1180	5940	10200	17300	16400	4010	3020	3250
MIN	424	340	643	400	609	1000	4510	7650	4350	953	641	792
AC-FT	37870	42030	55720	47970	53700	171100	406400	750600	547200	121500	63470	112000
CFSM	0.32	0.37	0.47	0.41	0.49	1.46	3.58	6.39	4.81	1.03	0.54	0.99
IN.	0.37	0.41	0.55	0.47	0.53	1.68	3.99	7.37	5.37	1.19	0.62	1.10

CLEARWATER RIVER BASIN

13336500 SELWAY RIVER NEAR LOWELL, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	959	1275	1402	1258	1536	2268	6034	13300	11780	3101	917	758
MAX	4932	5696	7441	3710	6647	6240	13210	22430	24370	8990	1968	2174
(WY)	1960	1996	1996	1934	1996	1934	1934	1949	1974	1975	1975	1968
MIN	366	399	456	325	420	692	2098	7950	2948	918	441	403
(WY)	1988	1937	1953	1937	1937	1955	1973	1977	1987	1934	1934	1934
SUMMARY STATISTICS			FOR 2003 CALENDAR YEAR				FOR 2004 WATER YEAR			WATER YEARS 1911 - 2004		
ANNUAL TOTAL			1386282				1214768			3724		
ANNUAL MEAN			3798				3319			6159		1996
HIGHEST ANNUAL MEAN										2096		1973
LOWEST ANNUAL MEAN										45300		May 29 1948
HIGHEST DAILY MEAN			32300		May 29		17300		May 28	150		Nov 28 1952
LOWEST DAILY MEAN			340		Nov 6		340		Nov 6	210		Jan 1 1937
ANNUAL SEVEN-DAY MINIMUM			426		Oct 4		426		Oct 4	2698000		
ANNUAL RUNOFF (AC-FT)			2750000				2409000			1.95		
ANNUAL RUNOFF (CFSM)			1.99				1.74			26.49		
ANNUAL RUNOFF (INCHES)			27.00				23.66					
10 PERCENT EXCEEDS			10200				9750			11000		
50 PERCENT EXCEEDS			1220				1140			1390		
90 PERCENT EXCEEDS			533				632			570		

e Estimated

CLEARWATER RIVER BASIN

13337000 LOCHSA RIVER NEAR LOWELL, ID

LOCATION.--Lat 46°09'03", long 115°35'14", (NAD83), in SW¹/₄SW¹/₄SE¹/₄ sec.33, T.33 N., R.7 E., Idaho County, Lowell quad., Hydrologic Unit 17060303, Clearwater National Forest, on right bank, 0.7 mi upstream from Lowell, 0.9 mi upstream from confluence with Selway River, 1.2 mi downstream from Pete King Creek, and 19 mi east of Kooskia.

DRAINAGE AREA.--1,180 mi², approximately. Mean elevation, 5,250 ft.

PERIOD OF RECORD.--October 1910 to September 1912, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1317.

GAGE.--Water-stage recorder. Datum of gage is 1,452.98 ft above NGVD of 1929. Prior to Nov. 21, 1930, nonrecording gages at site 1 mi upstream at different datums.

REMARKS.--Records good except for estimated daily discharges, which are fair in October and poor during winter months. Station equipment includes satellite telemetry.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft³/s June 8, 1964, gage height, 13.50 ft, from rating curve extended above 17,000 ft³/s; minimum, probably less than 100 ft³/s Jan. 8, 1937, during period of ice effect.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 6	0400	12,400	7.99	May 28	1015	*15,800	*9.03

Minimum daily, 240 ft³/s Nov. 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e300	411	736	517	1010	1030	4140	7020	10800	2660	680	747
2	e300	366	802	538	854	1010	3790	8190	10000	2480	658	1030
3	e300	455	871	548	792	986	3720	9810	9810	2300	653	1040
4	e280	484	807	533	741	977	4350	10900	10200	2160	642	905
5	e280	e340	690	e400	728	973	5350	11800	10700	2050	627	825
6	e280	e240	975	e320	690	1030	6000	11700	12100	1920	606	765
7	282	e240	1160	e440	682	948	6540	11200	9530	1840	631	721
8	282	e320	974	e620	655	933	6900	11400	8370	1830	637	684
9	284	438	842	705	656	1050	6620	10800	7840	1690	604	655
10	292	518	763	717	640	1430	6100	9470	8020	1570	567	633
11	303	1080	727	672	629	1600	5850	9200	8150	1490	544	616
12	358	861	692	594	582	1610	6040	7820	7050	1410	531	798
13	445	596	734	553	545	1730	6580	6630	6690	1340	511	953
14	485	510	861	552	540	1780	7490	6010	6610	1260	496	1320
15	430	480	807	536	574	1700	7160	5670	5980	1200	483	1620
16	546	486	708	550	622	1750	6230	6220	5410	1140	476	1550
17	562	554	662	552	726	1870	5630	6280	5110	1090	486	1500
18	493	579	641	537	909	2090	5180	6320	5020	1050	619	2450
19	449	596	547	541	1300	2840	4840	7420	5440	1100	541	2580
20	416	722	499	541	1210	2730	4710	7450	5190	1410	527	2110
21	395	618	599	541	1100	2530	4370	7860	4690	1230	499	2050
22	378	515	701	535	1010	2850	4140	8710	4470	1050	486	1810
23	371	465	606	550	959	3540	4190	8620	4300	976	897	1650
24	364	457	541	573	979	4460	4880	7660	4130	918	964	1560
25	351	459	612	566	1080	4310	4800	6860	4020	872	1470	1440
26	344	476	678	541	1070	4190	5160	7320	3810	839	1970	1330
27	340	474	619	544	1070	3830	6240	12500	3520	809	1710	1240
28	372	466	561	603	1060	3480	8130	15200	3400	775	1240	1170
29	1440	681	554	835	1050	3240	7020	13600	3170	745	1010	1110
30	1120	832	524	1380	---	3480	6550	11900	2890	721	874	1060
31	628	---	500	1230	---	4110	---	11900	---	702	788	---
TOTAL	13470	15719	21993	18864	24463	70087	168700	283440	196420	42627	23427	37922
MEAN	435	524	709	609	844	2261	5623	9143	6547	1375	756	1264
MAX	1440	1080	1160	1380	1300	4460	8130	15200	12100	2660	1970	2580
MIN	280	240	499	320	540	933	3720	5670	2890	702	476	616
AC-FT	26720	31180	43620	37420	48520	139000	334600	562200	389600	84550	46470	75220
CFSM	0.37	0.44	0.60	0.52	0.71	1.92	4.77	7.75	5.55	1.17	0.64	1.07
IN.	0.42	0.50	0.69	0.59	0.77	2.21	5.32	8.94	6.19	1.34	0.74	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2004, BY WATER YEAR (WY)

MEAN	739	1068	1212	1099	1291	1847	4876	10130	8320	2169	670	563
MAX	3476	4942	6183	4245	5132	5250	10750	17290	19710	6098	1462	1602
(WY)	1960	1996	1996	1934	1996	1934	1934	1997	1974	1975	1975	1968
MIN	261	289	330	251	325	597	1852	5293	2226	734	326	278
(WY)	1988	1953	1953	1937	1937	1955	1975	1941	1987	1931	1940	1988

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1911 - 2004
ANNUAL TOTAL	1002080	917132	
ANNUAL MEAN	2745	2506	2834
HIGHEST ANNUAL MEAN			4498
LOWEST ANNUAL MEAN			1495
HIGHEST DAILY MEAN	21300	15200	31900
LOWEST DAILY MEAN	240	240	110
ANNUAL SEVEN-DAY MINIMUM	283	283	156
ANNUAL RUNOFF (AC-FT)	1988000	1819000	2053000
ANNUAL RUNOFF (CFSM)	2.33	2.12	2.40
ANNUAL RUNOFF (INCHES)	31.59	28.91	32.63
10 PERCENT EXCEEDS	6970	7210	8180
50 PERCENT EXCEEDS	956	976	1120
90 PERCENT EXCEEDS	363	458	426

e Estimated

CLEARWATER RIVER BASIN

13337500 SOUTH FORK CLEARWATER RIVER NEAR ELK CITY, ID

LOCATION.--Lat 45°49'31", long 115°31'38", (NAD83), in NE¹/₄SE¹/₄NE¹/₄ sec.25, T.29 N., R.7 E. (unsurveyed), Idaho County, Center Star Mountain quad., Hydrologic Unit 17060305, on right bank downstream side of bridge, at road to Orogrande, 0.2 mi upstream from Crooked River, 4.5 mi west of Elk City, and at mile 58.6.

DRAINAGE AREA.--261 mi². Mean elevation, 5,150 ft.

PERIOD OF RECORD.--September 1944 to September 1974, August 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is approximately 3,810 ft above NGVD of 1929, from topographic map. June 23, 1949 to September 1974 at site about 50 ft downstream at datum of 3,816.27 ft above NGVD of 1929. Prior to June 23, 1949, nonrecording gage at site about 74 ft downstream at datum of 3,810.13 ft.

REMARKS.--Records good except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. No regulation or diversion above station except for mining operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,040 ft³/s June 8, 1964, gage height, 7.48 ft, at datum then in use; minimum daily, 10 ft³/s Nov. 28, 29, 1952.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,730 ft³/s May 28, 29, gage height, 8.48 ft; minimum daily, 15 ft³/s Nov. 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	e22	e60	e50	e65	e95	518	557	1150	204	53	58
2	30	e22	e55	e55	e60	e95	427	595	998	183	54	90
3	29	e40	e55	e50	e55	e90	456	651	876	169	56	67
4	29	e40	e50	e50	e55	e90	641	670	785	157	54	60
5	28	e24	e46	e30	e55	e130	742	696	708	146	50	56
6	29	e15	e55	e22	e55	e130	745	663	805	136	49	53
7	28	e15	e65	e34	e55	e120	772	617	652	132	47	51
8	28	e30	e55	e65	e55	e120	773	595	673	126	46	49
9	27	e60	e50	e70	e55	158	693	602	619	117	44	47
10	28	e70	e46	e65	e55	193	618	535	651	110	42	46
11	31	e110	e50	e60	e55	211	590	621	566	103	40	46
12	41	e130	e50	e55	e50	202	607	615	486	97	39	285
13	51	e85	e48	e55	e50	218	659	503	468	92	38	238
14	47	e65	e55	e55	e50	206	752	436	419	89	37	205
15	49	e50	e55	e55	e55	167	689	407	376	85	35	219
16	55	e50	e50	e55	e55	165	573	592	344	81	36	158
17	50	e50	e46	e55	e60	192	517	535	321	77	38	124
18	41	e55	e50	e55	e65	228	517	528	319	80	69	290
19	37	60	e46	e55	e75	316	506	923	389	114	51	223
20	34	71	e48	e55	e65	290	517	763	338	174	43	192
21	33	57	e55	e55	e60	316	478	752	285	99	40	192
22	32	e44	e60	e55	e55	404	457	826	260	84	42	156
23	32	e36	e55	e55	e60	523	456	931	241	77	122	137
24	31	e40	e50	e50	e75	658	563	899	222	73	90	121
25	30	e42	e55	e50	e110	668	507	772	209	69	202	110
26	31	e42	e60	e50	e110	575	527	821	206	74	190	100
27	34	e42	e55	e50	e110	445	604	1020	263	65	137	93
28	36	e40	e50	e55	e100	390	727	1430	221	62	85	89
29	87	e48	e50	e65	e100	408	595	1580	211	59	71	84
30	59	e70	e48	e80	---	487	550	1480	218	57	63	81
31	e28	---	e46	e70	---	585	---	1380	---	55	57	---
TOTAL	1155	1525	1619	1681	1925	8875	17776	23995	14279	3246	2020	3720
MEAN	37.3	50.8	52.2	54.2	66.4	286	593	774	476	105	65.2	124
MAX	87	130	65	80	110	668	773	1580	1150	204	202	290
MIN	27	15	46	22	50	90	427	407	206	55	35	46
AC-FT	2290	3020	3210	3330	3820	17600	35260	47590	28320	6440	4010	7380

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2004, BY WATER YEAR (WY)

MEAN	67.9	87.0	93.3	96.6	106	184	669	1123	576	142	56.2	54.2
MAX	263	247	285	428	373	479	1216	2001	1622	364	106	124
(WY)	1960	1969	1959	1969	1968	1972	1969	1948	1964	1955	1964	2004
MIN	24.9	29.1	30.7	36.9	30.9	48.5	226	413	207	73.7	26.7	24.7
(WY)	1953	1953	1953	1955	1966	1955	1955	1973	1973	1966	1961	1953

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1945 - 2004
ANNUAL TOTAL	95879	81816	
ANNUAL MEAN	263	224	272
HIGHEST ANNUAL MEAN			401
LOWEST ANNUAL MEAN			133
HIGHEST DAILY MEAN	1690	Apr 13	1580
LOWEST DAILY MEAN	15	Nov 6	15
ANNUAL SEVEN-DAY MINIMUM	25	Nov 1	25
ANNUAL RUNOFF (AC-FT)	190200	162300	196800
10 PERCENT EXCEEDS	928	651	834
50 PERCENT EXCEEDS	60	74	92
90 PERCENT EXCEEDS	31	38	38

e Estimated

CLEARWATER RIVER BASIN

13338500 SOUTH FORK CLEARWATER RIVER AT STITES, ID

LOCATION.--Lat 46°05'11", long 115°58'36", (NAD83), in NE¹/₄SE¹/₄NE¹/₄ sec.29, T.32 N., R.4 E., Idaho County, Stites quad., Hydrologic Unit 17060305, on left bank at Stites, 0.4 mi upstream from county road bridge, 0.4 mi downstream from Cottonwood Creek, and at mile 4.0.

DRAINAGE AREA.--1,150 mi², approximately.

PERIOD OF RECORD.--October 1910 to April 1912, October 1964 to current year. Published as "at Kooskia," 1910-12.

REVISED RECORDS.--WSP 1317: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,311.99 ft above NGVD of 1929. October 1910 to April 1912, nonrecording gage 3.6 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. No regulation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,100 ft³/s Feb. 7, 1996, gage height, 8.82 ft; minimum, 48 ft³/s Nov. 30, 1987, gage height, 2.39 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 8, 1964, reached a stage of 10.3 ft, from floodmarks, present site and datum, discharge, 17,500 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 20	1730	4,950	6.23	May 28	2100	*7,470	*7.26
				June 8	1130	4,220	5.89

Minimum daily, 70 ft³/s Nov. 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	109	290	219	481	477	1480	1610	4010	1040	273	245
2	129	103	262	225	372	489	1250	1740	3650	950	263	384
3	126	168	266	210	344	439	1200	1970	3370	842	266	341
4	124	166	242	205	334	437	1450	2130	3230	787	279	278
5	124	e110	189	e130	326	495	1890	2290	3130	734	262	255
6	124	e70	286	e100	300	528	1940	2280	3710	688	250	238
7	124	e70	354	e140	313	450	2070	2120	3010	650	244	227
8	124	e110	311	e320	310	440	2140	2130	3570	622	235	216
9	124	e170	260	351	309	491	1990	2090	3160	591	228	208
10	124	198	217	306	305	641	1750	1900	3170	556	219	203
11	127	256	239	272	300	657	1640	2930	2910	528	210	199
12	138	336	228	241	268	629	1650	2920	2550	506	202	590
13	181	260	221	235	243	663	1790	2220	2390	480	196	893
14	187	208	280	242	264	661	2120	1930	2270	454	188	639
15	185	187	260	252	284	639	2100	1770	2070	435	182	731
16	196	186	239	247	266	662	1750	2470	1850	415	179	579
17	204	205	212	249	307	771	1550	2500	1740	397	179	490
18	186	197	213	e250	837	861	1490	2360	1680	422	180	753
19	166	197	176	246	1270	1110	1490	3680	1750	694	229	870
20	154	253	191	249	890	1030	1490	3480	1730	743	200	676
21	146	236	241	255	704	927	1450	3540	1520	560	184	730
22	142	184	260	244	584	1070	1370	3840	1410	447	181	612
23	137	149	215	253	529	1340	1320	4150	1340	403	334	547
24	135	169	199	241	541	1720	1590	4020	1260	378	461	494
25	133	173	253	234	661	1840	1500	3330	1180	359	514	453
26	133	170	279	231	653	1740	1480	3210	1110	369	783	420
27	136	171	231	232	614	1440	1670	3980	1140	349	567	392
28	140	162	201	251	538	1210	2020	6070	1090	324	399	371
29	211	185	227	442	523	1120	1780	5880	1050	308	322	352
30	305	300	198	1050	---	1240	1600	5030	1100	295	282	337
31	198	---	189	657	---	1540	---	4600	---	282	258	---
TOTAL	4793	5458	7429	8779	13670	27757	50010	94170	67150	16608	8749	13723
MEAN	155	182	240	283	471	895	1667	3038	2238	536	282	457
MAX	305	336	354	1050	1270	1840	2140	6070	4010	1040	783	893
MIN	124	70	176	100	243	437	1200	1610	1050	282	179	199
AC-FT	9510	10830	14740	17410	27110	55060	99190	186800	133200	32940	17350	27220
CFSM	0.13	0.16	0.21	0.25	0.41	0.78	1.45	2.64	1.95	0.47	0.25	0.40
IN.	0.16	0.18	0.24	0.28	0.44	0.90	1.62	3.05	2.17	0.54	0.28	0.44

CLEARWATER RIVER BASIN

13338500 SOUTH FORK CLEARWATER RIVER AT STITES, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1912 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	281	349	434	510	623	983	2062	3224	2418	783	282	243
MAX	677	893	2365	1665	2211	2387	3549	5528	5706	2063	528	473
(WY)	1976	1969	1976	1969	1996	1978	1978	1976	1975	1975	1975	1968
MIN	108	139	167	144	227	312	807	947	463	314	137	114
(WY)	1988	1988	1988	1988	1994	1977	1973	1992	1992	1973	1973	1987

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR				FOR 2004 WATER YEAR				WATER YEARS 1912 - 2004			
ANNUAL TOTAL	345845				318296				1015			
ANNUAL MEAN	948				870				1711			
HIGHEST ANNUAL MEAN									1976			
LOWEST ANNUAL MEAN									451			
HIGHEST DAILY MEAN	5230				May 29				6070			
LOWEST DAILY MEAN	70				Nov 6				May 28			
ANNUAL SEVEN-DAY MINIMUM	114				Nov 1				9400			
ANNUAL RUNOFF (AC-FT)	686000				631300				735400			
ANNUAL RUNOFF (CFSM)	0.824				0.756				0.883			
ANNUAL RUNOFF (INCHES)	11.19				10.30				11.99			
10 PERCENT EXCEEDS	2760				2130				2700			
50 PERCENT EXCEEDS	330				381				447			
90 PERCENT EXCEEDS	142				170				182			

e Estimated

CLEARWATER RIVER BASIN

13339500 LOLO CREEK NEAR GREER, ID

LOCATION.--Lat 46°22'18", long 116°09'45", (NAD83), in NE¼SE¼SE¼ sec.14, T.35 N., R.2 E., Idaho County, Sixmile Creek quad., Hydrologic Unit 17060306, on left bank, upstream side of county road bridge 2,000 ft upstream from mouth, 1.35 mi southeast of Greer, and 8.5 mi southeast of Orofino.

DRAINAGE AREA.--243 mi².

PERIOD OF RECORD.--October 1979 to current year. Daily record, December 1911 to December 1912, published in WSP 332.

Miscellaneous streamflow measurements made 1928, 1929, and 1964 are published in Miscellaneous Streamflow Measurements in Idaho, 1894-1967.

GAGE.--Water-stage recorder. Datum of gage is 1,080 ft above NGVD of 1929 (by Global Positioning System).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,640 ft³/s Feb. 1, 2003, gage height, 17.46 ft; minimum daily, 14 ft³/s Nov. 6, 2003.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar. 24	0515	1,460	12.35	May 12	0100	1,840	12.95
Apr. 14	2030	1,250	11.98	May 28	2345	*2,630	*13.99

Minimum daily, 14 ft³/s Nov. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	33	158	98	319	345	1040	523	1390	181	49	63
2	23	37	164	98	260	326	857	541	1120	161	48	90
3	23	48	183	85	229	289	855	564	940	148	47	92
4	23	42	144	e65	210	283	980	557	810	141	47	76
5	23	e28	130	e40	181	273	1120	542	716	132	45	68
6	22	e14	133	e34	155	274	1090	517	930	125	45	62
7	22	e28	194	e48	151	255	1090	477	798	120	56	57
8	22	e48	151	e70	145	275	1080	474	727	122	68	54
9	23	e55	123	e90	139	374	991	458	704	114	54	51
10	25	63	109	e95	133	476	891	418	721	108	47	50
11	27	168	105	98	129	509	828	1150	743	113	43	50
12	31	261	96	93	115	532	811	1440	640	111	40	74
13	45	116	106	90	102	597	846	889	580	100	38	97
14	51	81	210	85	113	572	1090	694	540	94	36	101
15	48	71	191	83	122	538	1150	587	475	90	35	136
16	57	71	126	96	120	649	1020	784	427	84	34	139
17	73	82	129	108	164	752	835	938	388	80	34	125
18	61	96	98	106	306	881	737	757	359	78	36	123
19	46	97	77	102	622	1170	677	955	354	86	45	165
20	39	120	96	99	553	987	703	902	326	101	37	127
21	36	101	112	97	461	931	744	938	308	93	34	108
22	34	64	106	93	383	1040	679	1350	272	80	36	95
23	33	e50	83	92	339	1210	634	1430	248	73	99	86
24	32	68	93	99	317	1340	703	1260	229	69	184	78
25	31	60	107	96	348	1190	640	1030	218	64	203	74
26	30	59	112	91	357	1210	603	974	201	62	290	73
27	31	61	97	92	367	1130	637	1400	186	59	170	71
28	32	58	83	102	364	975	673	2000	174	56	114	67
29	87	84	88	181	355	911	587	2520	247	54	89	66
30	104	207	80	426	---	990	528	2110	198	52	76	64
31	58	---	81	392	---	1180	---	1780	---	50	68	---
TOTAL	1215	2371	3765	3444	7559	22464	25119	30959	15969	3001	2247	2582
MEAN	39.2	79.0	121	111	261	725	837	999	532	96.8	72.5	86.1
MAX	104	261	210	426	622	1340	1150	2520	1390	181	290	165
MIN	22	14	77	34	102	255	528	418	174	50	34	50
AC-FT	2410	4700	7470	6830	14990	44560	49820	61410	31670	5950	4460	5120

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1912 - 2004, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
MEAN	75.9	159	176	225	425	643	899	763	406	134	56.5	58.3
MAX	174	708	810	631	1487	1201	1746	2119	1158	322	107	171
(WY)	1996	1996	1996	1996	1996	1986	1997	1912	1912	1997	1993	1985
MIN	28.3	43.2	64.2	59.9	76.0	276	445	187	80.9	57.2	25.7	24.4
(WY)	1992	1988	2003	1988	1985	1985	1992	1992	1992	2003	1988	2001

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1912 - 2004
ANNUAL TOTAL	130648	120695	
ANNUAL MEAN	358	330	325
HIGHEST ANNUAL MEAN			613
LOWEST ANNUAL MEAN			182
HIGHEST DAILY MEAN	5300	Feb 1	5410
LOWEST DAILY MEAN	14	Nov 6	14
ANNUAL SEVEN-DAY MINIMUM	18	Sep 1	23
ANNUAL RUNOFF (AC-FT)	259100	239400	235200
10 PERCENT EXCEEDS	903	944	836
50 PERCENT EXCEEDS	129	121	148
90 PERCENT EXCEEDS	25	40	42

e Estimated

CLEARWATER RIVER BASIN

13340600 NORTH FORK CLEARWATER RIVER NEAR CANYON RANGER STATION, ID

LOCATION.--Lat 46°50'26", long 115°37'11", in SE 1/4 SE 1/4 NE 1/4 sec.6, T.40 N., R.7 E., Clearwater County, Sheep Mountain quad., Hydrologic Unit 17060307, Clearwater National Forest, on left bank immediately upstream from forest road bridge, 0.1 mi upstream from Beaver Creek, 1.7 mi downstream from Canyon Ranger Station, and at mile 58.0.

DRAINAGE AREA.--1,360 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,660.00 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. No regulation or diversion above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,500 ft³/s Nov. 30, 1995, gage height, 17.58 ft, from rating curve extended above 29,500 ft³/s; minimum, 200 ft³/s Dec. 5, 1972, gage height, 5.00 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 29	0845	*17,000	*13.12	June 6	1215	14,200	12.30

Minimum daily, 400 ft³/s Nov. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	598	546	1370	885	1550	1580	5310	7410	13400	3190	1190	1200
2	598	674	1710	910	1330	1560	4810	8240	12100	3020	1190	1480
3	586	855	1800	913	1220	1510	4960	9590	11300	2860	1390	1410
4	575	805	1630	847	1190	1510	5890	10400	11000	2770	1210	1260
5	573	608	1360	e600	1140	1480	6940	10900	11000	2740	1150	1190
6	571	e400	1910	e500	1050	1470	7740	10500	12900	2550	1140	1130
7	573	e420	2160	e600	1060	1350	8270	10100	10700	2550	1300	1090
8	590	e550	1680	e850	1040	1360	8440	10300	9570	2470	1230	1050
9	621	e800	1450	e1000	1010	1630	7930	9660	8850	2310	1120	1030
10	633	896	1310	1080	986	2170	7360	8930	8670	2210	1070	1010
11	640	1730	1250	1030	969	2310	7050	9380	8360	2220	1040	1010
12	762	1550	1180	973	872	2330	7180	8100	7440	2100	1010	1310
13	1060	1030	1210	928	753	2520	7690	6960	7170	2000	987	1390
14	1020	881	1420	928	801	2540	9030	6370	6840	1930	964	1860
15	857	823	1330	910	930	2400	8870	6010	6260	1840	945	2190
16	1080	835	1150	897	1030	2470	7700	6500	5870	1770	939	2140
17	1100	1070	1100	906	1130	2610	6940	6710	5580	1720	943	1860
18	915	1190	1110	869	2100	3020	6320	6620	5390	1670	1110	2000
19	784	1380	881	877	2680	4630	5850	7060	5500	1720	1040	2150
20	731	1510	847	888	2160	4020	5690	7400	5440	1730	989	1870
21	705	1180	1130	893	1860	3680	5350	8210	4950	1630	941	1840
22	680	953	1160	876	1680	4140	5050	10600	4750	1550	947	1700
23	664	820	989	875	1600	4900	5060	10500	4570	1490	1680	1620
24	653	851	877	899	1620	5600	5740	9400	4370	1450	1780	1570
25	635	845	1140	883	1650	5120	5530	8530	4440	1400	2690	1480
26	628	876	1110	850	1650	5090	5830	8850	4160	1370	3790	1410
27	631	866	1000	850	1650	4740	6750	14100	3930	1320	2350	1360
28	788	840	896	949	1630	4420	8190	16400	3680	1290	1760	1300
29	2340	1100	888	1180	1620	4180	7290	16500	3780	1260	1510	1260
30	1270	1700	857	2130	---	4610	7090	15100	3390	1240	1370	1220
31	787	---	829	1960	---	5500	---	15100	---	1220	1260	---
TOTAL	24648	28584	38734	29736	39961	96450	201850	300430	215360	60590	42035	44390
MEAN	795	953	1249	959	1378	3111	6728	9691	7179	1955	1356	1480
MAX	2340	1730	2160	2130	2680	5600	9030	16500	13400	3190	3790	2190
MIN	571	400	829	500	753	1350	4810	6010	3390	1220	939	1010
AC-FT	48890	56700	76830	58980	79260	191300	400400	595900	427200	120200	83380	88050
CFSM	0.58	0.70	0.92	0.71	1.01	2.29	4.95	7.13	5.28	1.44	1.00	1.09
IN.	0.67	0.78	1.06	0.81	1.09	2.64	5.52	8.22	5.89	1.66	1.15	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
MEAN	1026	1578	1774	1769	2296	3181	6227	10760	8282	2607	1143	940																												
MAX	2346	6581	8582	5106	8133	7429	9931	20670	20630	4934	1713	1675																												
(WY)	1969	1996	1996	1974	1996	1986	1990	1997	1974	1975	1975	1968																												
MIN	551	609	708	665	722	1247	2710	5955	2367	1151	698	551																												
(WY)	1988	1988	1979	1979	1985	1977	1975	1973	1992	1977	1973	2001																												

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1967 - 2004
ANNUAL TOTAL	1205123	1122768	
ANNUAL MEAN	3302	3068	3455
HIGHEST ANNUAL MEAN			5657
LOWEST ANNUAL MEAN			1830
HIGHEST DAILY MEAN	19800	Feb 1	16500
LOWEST DAILY MEAN	400	Nov 6	400
ANNUAL SEVEN-DAY MINIMUM	581	Oct 2	581
ANNUAL RUNOFF (AC-FT)	2390000	2227000	2503000
ANNUAL RUNOFF (CFSM)	2.43	2.26	2.54
ANNUAL RUNOFF (INCHES)	32.96	30.71	34.51
10 PERCENT EXCEEDS	7880	8200	8960
50 PERCENT EXCEEDS	1600	1510	1700
90 PERCENT EXCEEDS	678	816	768

e Estimated

CLEARWATER RIVER BASIN

13340950 DWORSHAK RESERVOIR NEAR AHSAHKA, ID

LOCATION.--Lat 46°30'55", long 116°17'46"(revised), (NAD83), in SW¹/₄SE¹/₄ sec.26, T.37 N., R.1 E., Clearwater County, Ahsahka quad., Hydrologic Unit 17060308, at Dam, 1.5 mi northeast of Ahsahka, and at mile 2.0.

DRAINAGE AREA.--2,440 mi², approximately. Mean elevation, 4,220 ft.

PERIOD OF RECORD.--October 1971 to current year.

GAGE.--Water-stage recorder located in gage slot 6 on the 1,603 ft level. Datum of gage is NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Reservoir is formed by straight-axis concrete gravity dam. Total capacity is 3,469,000 acre-ft between elevations 970.0 ft, bottom of bypass valve, and 1,600.0 ft, normal full pool elevation. Inactive storage for minimum power head is 1,452,000 acre-ft, elevation, 1,445.0 ft. Storage began Sept. 27, 1971. Dworshak Dam is used to regulate annual floodwaters of the North Fork Clearwater River and for power generation.

COOPERATION.--Capacity table provided by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 3,472,000 acre-ft Aug. 16, 1978, and June 6, 1981, elevation 1,600.21 ft.

Minimum since full capacity was reached July 29, 1974, 1,455,000 acre-ft Mar. 29, 30, 1976, Apr. 10, 1999; minimum elevation observed, 1,445.31 ft, Apr. 10, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 3,463,000 acre-ft June 30, elevation, 1,599.72 ft; minimum contents, 2,086,000 acre-ft Mar. 2; minimum elevation, 1,507.95 ft, Mar. 2.

RESERVOIR STORAGE, in (ACRE-FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2215000	2183000	2178000	2208000	2119000	2090000	2389000	2806000	3372000	3456000	2931000	2403000
2	2213000	2182000	2181000	2208000	2121000	2087000	2403000	2826000	3373000	3450000	2909000	2392000
3	2212000	2180000	2183000	2208000	2122000	2090000	2419000	2846000	3373000	3443000	2892000	2381000
4	2210000	2179000	2186000	2203000	2123000	2094000	2438000	2869000	3371000	3435000	2873000	2370000
5	2208000	2178000	2187000	2189000	2124000	2098000	2458000	2892000	3365000	3428000	2853000	2359000
6	2206000	2175000	2191000	2173000	2124000	2100000	2483000	2914000	3365000	3416000	2833000	2348000
7	2204000	2173000	2195000	2165000	2125000	2103000	2508000	2935000	3358000	3402000	2815000	2335000
8	2202000	2172000	2197000	2164000	2125000	2105000	2532000	2960000	3349000	3389000	2796000	2324000
9	2201000	2170000	2199000	2163000	2125000	2108000	2555000	2984000	3344000	3373000	2778000	2312000
10	2199000	2170000	2200000	2163000	2125000	2114000	2576000	3002000	3346000	3360000	2761000	2300000
11	2197000	2174000	2201000	2162000	2125000	2120000	2596000	3024000	3344000	3345000	2744000	2288000
12	2196000	2175000	2202000	2162000	2125000	2126000	2616000	3040000	3342000	3328000	2725000	2276000
13	2196000	2175000	2203000	2162000	2125000	2134000	2637000	3055000	3344000	3309000	2707000	2266000
14	2195000	2175000	2206000	2162000	2124000	2140000	2666000	3066000	3349000	3291000	2689000	2258000
15	2195000	2174000	2207000	2163000	2124000	2148000	2691000	3079000	3359000	3272000	2670000	2255000
16	2195000	2174000	2208000	2163000	2125000	2155000	2704000	3097000	3373000	3254000	2653000	2251000
17	2196000	2174000	2208000	2162000	2127000	2163000	2711000	3111000	3387000	3234000	2634000	2246000
18	2195000	2175000	2209000	2162000	2124000	2174000	2716000	3122000	3400000	3215000	2616000	2241000
19	2194000	2176000	2209000	2161000	2120000	2188000	2720000	3138000	3413000	3196000	2598000	2240000
20	2193000	2177000	2208000	2161000	2119000	2201000	2726000	3155000	3427000	3177000	2580000	2241000
21	2192000	2177000	2208000	2161000	2117000	2213000	2730000	3176000	3432000	3158000	2561000	2243000
22	2191000	2177000	2209000	2160000	2114000	2227000	2733000	3211000	3436000	3138000	2542000	2244000
23	2189000	2176000	2209000	2160000	2110000	2244000	2735000	3245000	3439000	3118000	2528000	2245000
24	2187000	2175000	2209000	2161000	2107000	2263000	2743000	3260000	3442000	3094000	2512000	2247000
25	2186000	2175000	2210000	2161000	2104000	2280000	2750000	3268000	3446000	3070000	2502000	2247000
26	2184000	2174000	2210000	2152000	2102000	2298000	2755000	3278000	3447000	3049000	2494000	2248000
27	2183000	2174000	2210000	2138000	2099000	2313000	2763000	3301000	3448000	3030000	2480000	2248000
28	2182000	2173000	2210000	2126000	2096000	2328000	2773000	3324000	3453000	3010000	2464000	2249000
29	2186000	2175000	2210000	2117000	2094000	2342000	2781000	3343000	3459000	2989000	2447000	2249000
30	2186000	2177000	2209000	2111000	---	2356000	2789000	3357000	3461000	2969000	2431000	2249000
31	2185000	---	2209000	2116000	---	2374000	---	3367000	---	2950000	2414000	---
MAX	2215000	2183000	2210000	2208000	2127000	2374000	2789000	3367000	3461000	3456000	2931000	2403000
MIN	2182000	2170000	2178000	2111000	2094000	2087000	2389000	2806000	3342000	2950000	2414000	2240000
†	1515.89	1515.24	1517.76	1510.33	1508.50	1530.21	1559.65	1594.63	1599.61	1570.23	1533.18	1520.81
‡	-32000	-8000	32000	-93000	-22000	280000	415000	578000	94000	-511000	-536000	-165000

CAL YR 2003 MAX 3469000 MIN 2170000 † 13000
WTR YR 2004 MAX 3461000 MIN 2087000 ‡ 32000

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

CLEARWATER RIVER BASIN

13341050 CLEARWATER RIVER NEAR PECK, ID

LOCATION.--Lat 46°30'01", long 116°23'33", (NAD83), in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.1, T.36 N., R.1 W., Nez Perce County, Southwick quad., Hydrologic Unit 17060306, on left bank 2 mi upstream from Big Canyon Creek, 2.2 mi northeast of Peck, 3 mi downstream from North Fork Clearwater River, and at mile 37.4.

DRAINAGE AREA.--8,040 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 930 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Dworshak Reservoir (station 13340950) 5.1 mi upstream beginning September 1971.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge (1965-71), 107,000 ft³/s May 13, 1971, maximum gage height, 25.00 ft, Dec. 28, 1967, result of ice jam; minimum, 1,630 ft³/s Nov. 30, 1969, gage height, 2.70 ft.

Maximum discharge since regulation began in 1972, 127,000 ft³/s June 16, 1974, gage height, 23.66 ft; minimum, 1,260 ft³/s Oct. 31, 1971, gage height, 2.24 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 8, 1964, reached a stage of 23.95 ft, from floodmark, discharge, 118,000 ft³/s, from rating extended above 89,100 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 67,700 ft³/s May 28, gage height, 16.95 ft; minimum daily, 2,690 ft³/s Nov. 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2790	3630	4620	3570	6530	9820	16600	21000	50700	15900	13600	9820
2	2820	3090	4430	3680	5680	9610	14400	23400	47500	15200	13600	9960
3	2870	3480	4590	3770	5170	6140	13500	29300	45600	14600	13500	10500
4	2860	3460	4630	5520	4880	5890	14400	32700	46800	14100	13500	10200
5	2840	3380	4260	9980	4760	6030	17600	35600	50500	13700	13500	9980
6	2830	2970	4100	9380	4570	6130	19500	37000	54200	15100	13400	9820
7	2840	2690	5160	6440	4530	5920	21100	34800	49400	15500	13400	9690
8	2890	2730	5170	3090	4450	5740	22200	34000	44300	15400	13400	9580
9	2930	3050	4680	4090	4400	6150	21600	32700	39400	15100	12300	9500
10	2880	3520	4310	4490	4360	7230	19900	31400	37000	14800	12300	9410
11	2900	4050	4210	4090	4270	8360	18700	31400	37700	14600	12300	9350
12	2970	5360	4130	3950	4190	8470	18600	30400	34100	15500	12300	9510
13	3190	4410	4080	3780	3960	8750	19900	24700	29900	15600	12200	11600
14	3470	3780	4600	3730	3850	9000	22100	23000	28100	15300	12200	11700
15	3490	3530	4860	3690	3960	8770	23000	19600	23500	15200	12100	10900
16	3410	3460	4470	3850	4130	8950	24700	21000	19000	15000	12100	10500
17	3650	3540	4160	4000	4380	9590	24100	25000	17500	14800	12100	10400
18	3590	3770	4030	3950	10400	10500	22700	23900	17200	14700	12200	11400
19	3410	3830	3920	3880	15000	12300	21800	28500	17800	15200	12600	11600
20	3290	4030	3630	3890	11600	12600	20700	29500	18100	15600	12400	8680
21	3170	4200	3660	3910	10700	11500	20200	30100	18900	15700	12300	8250
22	3110	3850	4160	3870	10000	11900	19200	31400	18800	15000	12300	7830
23	3080	3510	4100	3860	9620	14200	18700	32100	18400	15300	12600	7210
24	3050	3420	3780	4000	9460	16900	18400	34700	17900	16300	14200	6900
25	3000	3420	3750	4120	10000	17800	18800	33300	17500	16200	14200	6600
26	2960	3470	4260	8190	10100	16800	20400	32000	17100	14800	16600	6250
27	2960	3500	4150	10200	10300	15700	22500	43500	16300	14200	16700	5950
28	3010	3470	3890	10300	10100	14200	27300	59800	14200	14000	15200	5700
29	3440	3510	3770	10900	9920	13000	27300	63600	12200	13900	14200	5480
30	6050	4620	3690	13700	---	13100	25000	56700	13600	13800	13700	5320
31	4620	---	3480	7950	---	15800	---	54000	---	13700	13300	---
TOTAL	100370	108730	130730	173820	205270	326850	614900	1040100	873200	463800	410300	269590
MEAN	3238	3624	4217	5607	7078	10540	20500	33550	29110	14960	13240	8986
MAX	6050	5360	5170	13700	15000	17800	27300	63600	54200	16300	16700	11700
MIN	2790	2690	3480	3090	3850	5740	13500	19600	12200	13700	12100	5320
AC-FT	199100	215700	259300	344800	407200	648300	1220000	2063000	1732000	919900	813800	534700

CLEARWATER RIVER BASIN

13341050 CLEARWATER RIVER NEAR PECK, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1971, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4796	6642	7898	10520	12710	12550	26050	49610	40830	10530	3812	3799
MAX	8818	12510	18720	16090	21110	17630	41330	72930	54520	15670	5024	7201
(WY)	1969	1969	1965	1969	1971	1968	1965	1971	1971	1971	1965	1968
MIN	2887	3365	4174	4770	3779	10220	14200	36430	21890	6351	2704	2219
(WY)	1967	1970	1966	1966	1966	1967	1970	1968	1966	1966	1966	1966

SUMMARY STATISTICS ^a WATER YEARS 1965 - 1971

ANNUAL MEAN	15800
HIGHEST ANNUAL MEAN	19980
LOWEST ANNUAL MEAN	1966
HIGHEST DAILY MEAN	103000 May 13 1971
LOWEST DAILY MEAN	1860 Sep 29 1967
ANNUAL SEVEN-DAY MINIMUM	1920 Sep 24 1967
ANNUAL RUNOFF (AC-FT)	11440000
10 PERCENT EXCEEDS	42500
50 PERCENT EXCEEDS	8540
90 PERCENT EXCEEDS	3140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2004, BY WATER YEAR (WY) (REGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4210	6664	8681	9104	10450	15050	21770	35260	31380	13950	8168	7039
MAX	8253	20750	26370	22670	32460	33820	37740	64110	70340	27610	18900	11550
(WY)	1976	1996	1976	1974	1996	1986	1997	1972	1974	1997	1997	1989
MIN	1680	2134	2214	2971	3295	4717	7476	19490	8646	4892	2996	2588
(WY)	1972	1972	1972	1987	1973	1973	1973	1977	1987	1987	1994	1994

SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR ^b WATER YEARS 1972 - 2004

ANNUAL TOTAL	5181010	4717660	
ANNUAL MEAN	14190	12890	14310
HIGHEST ANNUAL MEAN			23480
LOWEST ANNUAL MEAN			7676
HIGHEST DAILY MEAN	62900	May 30	63600
LOWEST DAILY MEAN	2690	Nov 7	2690
ANNUAL SEVEN-DAY MINIMUM	2830	Sep 30	2840
ANNUAL RUNOFF (AC-FT)	10280000		9357000
10 PERCENT EXCEEDS	32900		28200
50 PERCENT EXCEEDS	9150		10200
90 PERCENT EXCEEDS	3180		3470
			10370000
			33000
			9890
			3390
			119000
			1330
			1460
			1974
			1971
			1971

a Unregulated
b Regulated

CLEARWATER RIVER BASIN

13341570 POTLATCH RIVER BELOW LITTLE POTLATCH CREEK NEAR SPALDING, ID

LOCATION.--Lat 46°29'55", long 116°45'43", (NAD83), in NE¹/₄NE¹/₄NW¹/₄ sec.6, T.36 N., R.3 W., Nez Perce County, Lapwai quad., Hydrologic Unit 17060306, on right bank, 2 mi above mouth, and 4.3 mi northeast of Spalding.

PERIOD OF RECORD.--August 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 845 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry.

EXTREMES FOR CURRENT PERIOD.--August to September 2003: Maximum daily discharge during period, 16 ft³/s Sept. 11; minimum daily, 1.4 ft³/s Aug. 21.

Water year 2004: Maximum daily discharge, 3,480 ft³/s Jan. 30; minimum daily, 4.5 ft³/s Aug. 17.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1	---	1.9	9	---	5.5	17	1.9	9.8	25	2.6	8.8
2	---	1.7	10	---	8.5	18	1.9	9.8	26	2.3	8.4
3	---	1.6	11	---	16	19	1.7	9.1	27	2.1	8.2
4	---	1.5	12	---	13	20	1.6	11	28	2.3	7.8
5	---	1.5	13	---	11	21	1.4	11	29	2.6	7.6
6	---	1.6	14	---	11	22	1.5	10	30	2.4	7.3
7	---	1.5	15	2.4	11	23	2.0	9.7	31	2.1	---
8	---	2.3	16	2.1	9.8	24	2.6	9.1			
TOTAL	---	227.0									
MEAN	---	7.57									
MAX	---	16									
MIN	---	1.5									
AC-FT	---	450									

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.4	25	105	55	1030	1210	833	144	623	34	5.9	26
2	7.4	19	98	60	620	986	627	132	469	34	5.5	23
3	7.4	21	108	57	498	819	555	124	377	33	5.8	21
4	7.4	19	97	e40	416	737	555	118	312	30	6.1	20
5	7.4	e16	83	e30	354	764	587	112	262	28	5.9	19
6	7.4	e14	88	e30	296	777	559	106	248	26	5.5	18
7	7.2	e13	137	e40	302	768	527	98	241	24	7.4	17
8	7.4	17	127	e50	272	1180	493	92	213	22	8.9	16
9	7.3	18	95	e60	248	1730	452	89	203	21	8.3	15
10	7.6	19	75	e75	233	1790	403	88	190	21	9.6	15
11	7.9	24	71	e95	208	1450	356	118	203	21	8.2	15
12	8.8	51	65	e100	184	1310	327	255	186	19	7.3	16
13	9.5	60	69	103	170	1420	310	192	158	19	6.5	16
14	10	39	158	100	184	1160	334	142	141	18	5.5	20
15	13	35	174	96	183	1170	391	125	125	16	4.7	22
16	19	37	125	103	173	1190	364	146	111	15	4.6	29
17	21	44	98	121	305	1270	325	314	100	13	4.5	40
18	28	53	81	118	2450	1400	328	282	90	13	4.7	42
19	27	65	53	114	3000	1410	318	661	83	12	5.1	38
20	22	63	63	112	1830	1060	304	634	81	13	4.9	41
21	19	64	75	114	1340	875	372	552	82	18	4.7	35
22	18	44	95	115	1060	954	332	2090	71	18	6.1	31
23	16	29	92	119	928	1090	282	2330	62	16	13	29
24	16	34	88	130	1070	1140	262	1330	57	13	18	40
25	15	36	90	126	1570	967	243	759	51	11	43	31
26	15	33	96	121	1800	989	218	547	47	9.7	75	28
27	15	32	90	119	1960	1040	199	1120	46	8.8	77	26
28	15	32	76	141	1750	1060	186	1160	42	8.1	64	24
29	16	46	73	1110	1500	824	176	1740	39	7.3	52	23
30	22	97	e50	3480	---	774	159	1120	36	6.7	38	22
31	32	---	52	1900	---	899	---	871	---	6.4	30	---
TOTAL	439.1	1099	2847	9034	25934	34213	11377	17591	4949	555.0	545.7	758
MEAN	14.2	36.6	91.8	291	894	1104	379	567	165	17.9	17.6	25.3
MAX	32	97	174	3480	3000	1790	833	2330	623	34	77	42
MIN	7.2	13	50	30	170	737	159	88	36	6.4	4.5	15
AC-FT	871	2180	5650	17920	51440	67860	22570	34890	9820	1100	1080	1500

WTR YR 2004 TOTAL 109341.8 MEAN 299 MAX 3480 MIN 4.5 AC-FT 216900

e Estimated

CLEARWATER RIVER BASIN

13342200 TWENTY ONE RANCH SPRING NEAR WAHA, ID

LOCATION.--Lat 46°13'42", long 116°51'11", (NAD83), in SW¹/₄NW¹/₄SW¹/₄ sec.4, T.33 N., R.4 W., Nez Perce County, Waha quad., Hydrologic Unit 17060306, in gage attached to springs shelter, 1.6 mi upstream from confluence with West Fork Sweetwater Creek, and 1.0 mi north of Waha.

PERIOD OF RECORD.--January 1958 to September 1960, August 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,760 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. Flow at the gage is augmented at times by water pumped from Lake Waha and is reduced at times by diversions to Nez Perce Tribe fish hatchery. Daily values during periods of hatchery diversions are estimated to include those diversions. Records of water temperatures for the period January 1958 to June 1960 are published in reports of U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 12 ft³/s May 12-27, 1959; minimum daily discharge, 0.91 ft³/s Dec. 27, 2003.

EXTREMES FOR CURRENT PERIOD.--August to September 2003: Maximum daily discharge during period, 6.2 ft³/s Aug. 20, 22; minimum daily, 3.6 ft³/s Sept. 30.

Water year 2004: Maximum daily discharge, 6.1 ft³/s July 13-15; minimum daily, 0.91 ft³/s Dec. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1	---	5.7	9	---	5.5	17	5.9	4.7	25	6.1	4.1
2	---	5.7	10	---	5.4	18	6.0	4.7	26	6.1	4.0
3	---	5.6	11	---	5.3	19	6.1	4.7	27	5.7	3.9
4	---	5.7	12	---	5.2	20	6.2	4.6	28	5.6	3.9
5	---	5.6	13	5.2	5.2	21	6.1	4.6	29	5.7	3.8
6	---	5.6	14	5.4	5.1	22	6.2	4.5	30	5.6	3.6
7	---	5.6	15	5.8	4.8	23	6.1	4.5	31	5.7	---
8	---	5.5	16	5.8	4.7	24	6.1	4.4			
TOTAL	---	146.2									
MEAN	---	4.87									
MAX	---	5.7									
MIN	---	3.6									
AC-FT	---	290									

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	1.5	1.0	0.97	1.0	1.0	1.0	1.5	3.1	4.8	e5.0	e4.8
2	3.0	1.5	1.0	0.98	1.0	1.0	1.0	1.6	3.2	4.9	e4.9	e4.5
3	2.8	1.5	1.0	0.95	1.0	1.0	1.0	1.6	3.2	4.9	e4.9	e4.5
4	2.7	1.5	1.0	0.94	1.0	1.0	1.0	1.6	3.2	5.0	e4.9	4.5
5	2.6	1.5	0.98	0.94	0.97	1.0	1.1	1.6	3.3	5.0	e4.8	4.4
6	2.6	1.4	0.99	0.94	0.95	1.0	1.1	1.6	3.3	5.0	e4.8	4.3
7	2.5	1.4	0.99	0.94	0.95	1.0	1.1	1.7	3.4	5.4	e4.8	4.3
8	2.5	1.4	0.97	0.94	0.94	1.0	1.1	1.8	3.5	5.8	e4.7	4.3
9	2.4	1.4	0.96	0.94	0.94	1.0	1.1	1.8	3.6	5.9	e4.7	4.2
10	2.4	1.2	0.95	0.94	0.94	1.0	1.1	1.8	3.7	5.7	e4.5	4.2
11	2.3	1.2	0.95	0.94	0.94	1.0	1.1	1.8	3.8	5.7	e4.5	4.1
12	2.3	1.2	0.94	0.94	0.94	1.0	1.1	1.9	3.9	6.0	e4.4	4.1
13	2.2	1.2	0.94	0.94	0.94	1.0	1.1	2.0	3.9	6.1	e4.4	4.1
14	2.2	1.2	0.94	0.94	0.94	1.0	1.2	2.0	3.9	6.1	e4.4	4.0
15	2.1	1.1	0.94	0.94	0.94	1.0	1.2	2.0	4.0	6.1	e4.3	3.9
16	2.1	1.1	0.94	0.94	0.94	1.0	1.2	2.0	4.0	5.8	e4.3	3.9
17	2.0	1.1	0.94	0.94	0.94	1.0	1.2	2.1	4.1	5.8	e4.3	3.8
18	2.0	1.1	0.94	0.94	0.94	1.0	1.2	2.1	4.2	5.6	e4.3	3.8
19	1.9	1.1	0.94	0.94	0.94	1.0	1.2	2.1	4.2	5.6	e4.5	3.7
20	1.9	1.1	0.94	0.94	0.99	1.0	1.2	2.2	4.3	e5.4	e4.9	3.7
21	1.8	1.1	0.94	0.94	1.0	1.0	1.3	2.2	4.3	e5.3	e5.1	3.6
22	1.8	1.1	0.94	0.94	1.0	1.0	1.3	2.3	4.4	e5.3	e5.2	3.6
23	1.8	1.1	0.94	0.94	1.0	1.0	1.4	2.3	4.4	e5.3	e5.2	3.6
24	1.8	1.1	0.93	0.94	1.0	1.0	1.4	2.3	4.4	e5.3	e4.9	3.5
25	1.7	1.1	0.93	0.94	1.0	1.0	1.4	2.4	4.5	e5.3	e5.0	3.5
26	1.7	1.0	0.93	0.94	1.0	1.0	1.4	2.4	4.6	e5.2	e5.2	3.4
27	1.7	1.0	0.91	0.92	1.0	1.0	1.5	2.4	4.6	e5.2	e5.2	3.6
28	1.6	1.0	0.92	0.93	1.0	1.0	1.5	2.6	4.7	e5.1	e5.3	4.1
29	1.6	1.0	0.99	0.94	1.0	1.0	1.5	2.8	4.7	e5.1	e5.0	4.2
30	1.6	1.0	0.95	0.96	---	1.0	1.5	2.9	4.7	e5.1	e5.0	4.3
31	1.6	---	0.97	1.0	---	1.0	---	3.0	---	e5.0	e5.0	---
TOTAL	66.4	36.2	29.60	29.27	28.14	31.0	36.5	64.4	119.1	167.8	148.4	120.5
MEAN	2.14	1.21	0.95	0.94	0.97	1.00	1.22	2.08	3.97	5.41	4.79	4.02
MAX	3.2	1.5	1.0	1.0	1.0	1.0	1.5	3.0	4.7	6.1	5.3	4.8
MIN	1.6	1.0	0.91	0.92	0.94	1.0	1.0	1.5	3.1	4.8	4.3	3.4
AC-FT	132	72	59	58	56	61	72	128	236	333	294	239

CLEARWATER RIVER BASIN

13342200 TWENTY ONE RANCH SPRING NEAR WAHA, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2004, BY WATER YEAR (WY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4.27	2.93	2.63	2.53	2.73	2.82	3.64	6.88	8.06	8.61	7.77	6.85
MAX	5.41	4.50	4.12	3.83	4.21	4.60	6.14	11.1	10.2	9.81	9.32	9.78
(WY)	1959	1959	1959	1959	1959	1959	1959	1959	1959	1960	1960	1959
MIN	2.14	1.21	0.95	0.94	0.97	1.00	1.22	2.08	3.97	5.41	4.79	4.02
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004

SUMMARY STATISTICS	FOR 2004 WATER YEAR	WATER YEARS 1958 - 2004
ANNUAL TOTAL	877.31	
ANNUAL MEAN	2.40	4.96
HIGHEST ANNUAL MEAN		6.85
LOWEST ANNUAL MEAN		2.40
HIGHEST DAILY MEAN	6.1	12
LOWEST DAILY MEAN	0.91	0.91
ANNUAL SEVEN-DAY MINIMUM	0.93	0.93
ANNUAL RUNOFF (AC-FT)	1740	3590
10 PERCENT EXCEEDS	5.0	9.9
50 PERCENT EXCEEDS	1.5	4.3
90 PERCENT EXCEEDS	0.94	1.0

e Estimated

CLEARWATER RIVER BASIN

13342245 EAST FORK SWEETWATER CREEK AT MOUTH NEAR WAHA, ID

LOCATION.--Lat 46°15'30", long 116°50'35", (NAD83), in SW¹/₄NW¹/₄SE¹/₄ sec.28, T.34 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, on right bank, 100 ft upstream from mouth, and 3 mi north of Waha.

DRAINAGE AREA.--14.3 mi².

PERIOD OF RECORD.--August 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,150 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for discharges above 30 ft³/s and estimated daily discharges, which are poor. Flow is augmented for irrigation by Lewiston Orchards Irrigation District.

EXTREMES FOR CURRENT PERIOD.--August to September 2003: Maximum daily discharge during period, 6.8 ft³/s Aug. 23; minimum daily, 0.61 ft³/s Sept. 27.

Water year 2004: Maximum daily discharge, 66 ft³/s June 10; minimum daily, 0.50 ft³/s Oct. 31, Nov. 1, 5, 6, Jan. 5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1	---	5.5	9	---	5.4	17	6.6	1.1	25	6.1	0.68
2	---	5.4	10	---	1.6	18	6.6	1.1	26	6.0	0.63
3	---	5.4	11	---	1.0	19	6.6	0.86	27	6.0	0.61
4	---	5.2	12	---	0.87	20	6.6	0.77	28	5.9	0.65
5	---	5.3	13	---	0.79	21	6.4	0.76	29	5.8	0.63
6	---	5.4	14	---	0.78	22	6.5	0.73	30	5.9	0.66
7	---	5.5	15	0.97	0.76	23	6.8	0.72	31	5.6	---
8	---	6.1	16	6.3	0.80	24	6.3	0.72			
TOTAL	---	66.42									
MEAN	---	2.21									
MAX	---	6.1									
MIN	---	0.61									
AC-FT	---	132									

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.63	e0.50	1.4	e1.0	e2.8	4.4	16	4.9	44	5.1	22	1.1
2	0.61	0.71	1.5	e1.0	e2.4	4.2	14	4.6	48	4.6	21	1.3
3	0.63	0.72	1.6	e1.0	e2.2	3.9	13	4.3	53	3.9	20	1.4
4	0.66	e0.70	1.3	e0.60	e2.1	4.2	13	4.2	45	3.7	21	1.3
5	0.67	e0.50	1.3	e0.50	e1.8	4.0	14	4.0	34	8.2	20	1.2
6	0.69	e0.50	2.1	e0.70	e1.7	3.7	14	3.9	53	11	20	1.1
7	0.66	0.68	1.9	e1.0	e1.6	3.8	13	3.8	43	3.4	20	1.1
8	0.65	0.83	1.5	e1.1	e1.5	5.8	12	3.6	55	2.8	19	1.1
9	0.67	0.85	1.3	e1.1	e1.5	12	11	3.7	55	2.8	19	1.1
10	0.69	1.0	1.3	e1.2	e1.4	17	10	4.0	66	4.8	19	1.1
11	0.74	1.1	1.3	e1.2	e1.2	17	9.5	23	58	5.3	19	1.2
12	0.84	1.00	1.3	e1.2	e1.2	19	9.0	26	49	4.7	19	1.6
13	0.93	0.90	1.5	e1.2	e1.4	22	8.4	17	46	4.4	19	1.6
14	0.92	0.90	1.8	e1.2	e1.5	22	9.0	14	29	4.3	17	2.0
15	0.93	0.87	1.4	e1.2	e1.5	27	10	13	21	4.9	18	2.3
16	1.0	1.0	1.3	e1.5	e1.7	26	10	32	17	7.6	18	2.3
17	0.99	1.0	1.3	e1.3	2.2	36	9.5	40	14	7.5	18	1.7
18	0.89	1.0	1.1	e1.2	4.2	37	9.6	38	13	10	17	2.3
19	0.80	1.0	1.3	e1.3	6.1	38	9.7	45	13	23	15	2.1
20	0.76	1.1	1.4	e1.3	5.8	35	11	45	11	28	1.5	1.8
21	0.81	0.96	1.6	e1.3	5.1	34	10	39	9.6	23	0.95	1.6
22	0.86	e0.60	1.4	e1.2	4.6	35	9.5	42	8.7	21	1.8	1.5
23	0.84	e0.70	1.3	e1.2	4.3	36	8.2	46	7.6	21	3.3	1.4
24	0.83	0.81	1.5	e1.2	4.5	35	7.7	41	8.9	20	2.1	1.4
25	0.81	0.81	1.6	e1.1	4.8	29	6.9	35	6.5	19	3.7	1.3
26	0.85	0.82	1.4	e1.1	4.8	31	6.6	31	5.5	19	2.9	1.3
27	0.87	0.80	e1.0	e1.1	4.8	27	6.1	40	5.3	22	1.8	1.2
28	0.60	0.83	e1.0	e1.4	4.8	20	6.6	63	4.9	22	1.6	1.2
29	0.71	1.5	e1.0	e2.5	4.7	17	6.5	57	5.1	22	1.4	1.2
30	0.75	1.5	e0.80	e3.6	---	16	5.5	38	4.7	21	1.3	1.2
31	e0.50	---	e1.0	e3.2	---	20	---	38	---	22	1.2	---
TOTAL	23.79	26.19	42.50	40.70	88.2	642.0	299.3	804.0	833.8	382.0	384.55	44.0
MEAN	0.77	0.87	1.37	1.31	3.04	20.7	9.98	25.9	27.8	12.3	12.4	1.47
MAX	1.0	1.5	2.1	3.6	6.1	38	16	63	66	28	22	2.3
MIN	0.50	0.50	0.80	0.50	1.2	3.7	5.5	3.6	4.7	2.8	0.95	1.1
AC-FT	47	52	84	81	175	1270	594	1590	1650	758	763	87

CLEARWATER RIVER BASIN

13342245 EAST FORK SWEETWATER CREEK AT MOUTH NEAR WAHA, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0.77	0.87	1.37	1.31	3.04	20.7	9.98	25.9	27.8	12.3	12.4	1.84
MAX	0.77	0.87	1.37	1.31	3.04	20.7	9.98	25.9	27.8	12.3	12.4	2.21
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2003
MIN	0.77	0.87	1.37	1.31	3.04	20.7	9.98	25.9	27.8	12.3	12.4	1.47
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004

SUMMARY STATISTICS

FOR 2004 WATER YEAR

WATER YEARS 2003 - 2004

ANNUAL TOTAL	3611.03	
ANNUAL MEAN	9.87	9.87
HIGHEST ANNUAL MEAN		9.87
LOWEST ANNUAL MEAN		9.87
HIGHEST DAILY MEAN	66	Jun 10
LOWEST DAILY MEAN	0.50	Oct 31
ANNUAL SEVEN-DAY MINIMUM	0.59	Oct 31
ANNUAL RUNOFF (AC-FT)	7160	7150
10 PERCENT EXCEEDS	31	31
50 PERCENT EXCEEDS	3.5	3.5
90 PERCENT EXCEEDS	0.83	0.83

e Estimated

CLEARWATER RIVER BASIN

13342250 SWEETWATER CREEK BELOW SWEETWATER CANAL DIVERSION NEAR WAHA, ID

LOCATION.--Lat 46°16'19", long 116°51'08", (NAD83), in SW¹/₄NW¹/₄SW¹/₄ sec.21, T.34 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, on left bank, 160 ft downstream from diversion dam, and 4.0 mi north of Waha.

PERIOD OF RECORD.--July 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,990 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges and discharges below 1.0 ft³/s and above 100 ft³/s, which are poor. Flow is diverted for irrigation by Lewiston Orchards Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 115 ft³/s Feb. 1, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 103 ft³/s May 29; no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	e2.8	3.3	e2.5	6.1	0.12	0.03	0.00	57	0.00	0.03	0.42
2	0.00	2.8	3.4	e2.5	e5.4	0.10	0.02	0.00	48	0.00	0.03	0.29
3	0.00	2.8	3.6	e2.5	5.1	0.08	0.01	0.00	39	0.00	0.04	1.00
4	0.00	2.7	3.1	e2.0	4.9	0.07	0.01	0.00	27	0.00	0.05	1.5
5	0.00	e2.6	3.0	e1.8	4.4	0.06	0.02	0.00	15	0.20	0.04	1.4
6	0.00	e2.6	4.3	e2.0	4.2	0.06	0.03	0.00	25	0.61	0.04	1.3
7	0.00	e2.6	4.1	e2.3	4.1	0.06	0.01	0.01	11	0.00	0.04	1.2
8	0.00	e2.8	3.4	e2.5	3.9	0.88	0.00	0.01	25	0.00	0.02	1.1
9	0.01	2.8	3.0	e2.6	3.6	3.6	0.00	0.01	24	0.00	0.02	1.7
10	0.01	3.1	3.0	2.8	3.5	5.4	0.00	0.04	35	0.00	0.01	2.1
11	0.02	3.2	2.8	2.6	e3.0	5.6	0.00	7.3	39	0.97	0.02	2.3
12	0.01	3.0	2.8	2.5	e3.0	5.2	0.00	6.3	34	0.72	0.71	2.9
13	0.01	2.9	2.9	2.7	e3.5	6.1	0.00	10	30	0.01	1.2	2.8
14	0.01	2.8	3.6	2.7	e3.8	4.7	0.00	14	19	0.03	0.75	3.4
15	0.01	2.8	2.8	2.9	3.6	5.9	0.02	8.2	6.3	0.02	0.82	3.3
16	0.01	3.1	2.6	3.4	3.4	7.1	0.02	23	0.91	0.01	0.66	3.0
17	0.01	3.1	2.6	3.2	4.0	10	0.00	24	0.00	0.01	0.63	2.3
18	0.01	2.8	2.3	3.0	6.6	13	0.01	20	0.00	0.00	0.61	3.3
19	0.01	2.9	e2.5	3.1	8.6	14	0.01	49	0.00	0.08	1.4	2.9
20	0.01	2.9	2.7	3.0	8.4	10	0.02	53	0.00	1.2	0.44	2.5
21	0.01	2.6	2.9	3.2	7.9	9.8	0.01	51	3.6	0.04	0.81	2.0
22	0.01	e2.3	2.8	2.9	7.4	9.6	0.00	50	3.2	0.03	2.5	5.7
23	0.01	e2.3	2.6	3.1	7.2	8.9	0.00	52	0.00	0.03	3.1	8.8
24	0.01	2.3	2.8	3.1	e3.5	8.1	0.00	53	0.00	0.02	0.18	8.5
25	0.01	2.3	3.0	3.0	e0.15	5.5	0.00	40	0.00	0.02	2.9	8.9
26	0.01	2.4	2.9	2.9	e0.15	6.5	0.00	35	0.00	0.02	1.8	5.4
27	0.02	2.4	e2.5	2.8	e0.15	4.5	0.00	35	0.00	0.04	0.68	0.48
28	0.02	2.4	2.5	3.2	0.13	1.3	0.00	70	0.00	0.05	0.46	0.28
29	1.3	3.2	e2.5	5.5	0.13	0.04	0.00	103	0.00	0.04	0.13	0.30
30	e3.0	3.3	e2.3	7.2	---	0.03	0.00	71	0.00	0.04	0.65	0.21
31	e2.8	---	e2.5	6.8	---	0.80	---	65	---	0.03	0.86	---
TOTAL	7.33	82.6	91.1	96.3	119.81	147.10	0.22	839.87	442.01	4.22	21.63	81.28
MEAN	0.24	2.75	2.94	3.11	4.13	4.75	0.01	27.1	14.7	0.14	0.70	2.71
MAX	3.0	3.3	4.3	7.2	8.6	14	0.03	103	57	1.2	3.1	8.9
MIN	0.00	2.3	2.3	1.8	0.13	0.03	0.00	0.00	0.00	0.00	0.01	0.21
AC-FT	15	164	181	191	238	292	0.4	1670	877	8.4	43	161

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2003	2003	2004	2003	2003	2003	2003	2003	2004	2004	2004	2004
MEAN	0.50	3.02	2.72	6.69	12.4	22.8	25.6	31.4	8.20	0.10	0.27	0.92
MAX	0.76	3.28	2.94	10.3	21.0	40.8	51.2	35.7	14.7	0.14	0.70	2.71
(WY)	2003	2003	2004	2003	2003	2003	2003	2003	2004	2004	2004	2004
MIN	0.24	2.75	2.50	3.11	4.13	4.75	0.01	27.1	1.66	0.07	0.04	0.01
(WY)	2004	2004	2003	2004	2004	2004	2004	2004	2003	2003	2002	2003

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 2002 - 2004

ANNUAL TOTAL	5050.14	1933.47		
ANNUAL MEAN	13.8	5.28		9.58
HIGHEST ANNUAL MEAN				13.9
LOWEST ANNUAL MEAN				5.28
HIGHEST DAILY MEAN	115	Feb 1	103	May 29
LOWEST DAILY MEAN	0.00	Jun 26	0.00	Oct 1
ANNUAL SEVEN-DAY MINIMUM	0.00	Sep 20	0.00	Oct 1
ANNUAL RUNOFF (AC-FT)	10020		3840	6940
10 PERCENT EXCEEDS	53		9.9	43
50 PERCENT EXCEEDS	2.7		2.3	2.5
90 PERCENT EXCEEDS	0.01		0.00	0.01

e Estimated

CLEARWATER RIVER BASIN

13342295 WEBB CREEK NEAR SWEETWATER, ID

LOCATION.--Lat 46°19'36", long 116°49'56", (NAD83), in SW¹/₄SW¹/₄SW¹/₄ sec.34, T.35 N., R.4 W., (revised), Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, on right bank, 0.45 mi upstream from mouth, and 3.7 mi southwest of Sweetwater.

PERIOD OF RECORD.--June 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,480 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Flow is diverted for irrigation by Lewiston Orchards Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 67 ft³/s Mar. 14, 2003; no flow for many days.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 36 ft³/s May 29; no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	0.50	1.3	1.4	2.9	4.7	1.4	0.81	11	0.60	0.00	0.09
2	0.04	0.60	1.4	1.3	3.0	4.5	1.3	0.75	6.9	0.50	0.00	0.07
3	0.04	0.57	1.5	1.2	2.7	4.1	1.2	0.71	5.1	0.43	0.00	0.05
4	0.05	0.55	1.5	0.99	2.5	4.3	1.1	0.67	4.0	0.38	0.00	0.06
5	0.06	0.44	1.5	0.84	2.4	4.0	1.0	0.62	3.3	0.34	0.00	0.08
6	0.07	0.48	1.8	0.87	2.3	3.8	0.98	0.56	4.4	0.30	0.00	0.08
7	0.08	0.53	1.6	1.1	2.2	3.6	0.93	0.52	3.3	0.26	0.00	0.07
8	0.09	0.61	1.7	1.2	2.1	4.2	0.88	0.51	8.9	0.24	0.01	0.06
9	0.10	0.57	1.7	1.3	2.2	3.7	0.87	0.49	5.8	0.21	0.05	0.05
10	0.11	0.59	1.7	1.3	2.1	3.3	0.84	0.54	4.5	0.22	0.06	0.04
11	0.12	0.62	1.8	1.2	2.0	2.9	0.81	1.8	3.8	0.30	0.03	0.03
12	0.16	0.67	1.7	1.2	1.7	2.6	0.80	2.0	3.3	0.22	0.01	0.03
13	0.18	0.73	1.8	1.3	1.8	2.5	0.76	1.9	2.9	0.16	0.00	0.06
14	0.20	0.70	2.3	1.3	2.4	2.4	0.78	1.7	3.2	0.13	0.00	0.13
15	0.22	0.72	1.8	1.4	2.2	2.3	1.1	1.6	2.8	0.09	0.00	0.17
16	0.24	0.76	1.6	1.7	2.1	2.3	0.96	2.6	2.7	0.06	0.00	0.22
17	0.27	0.89	1.6	1.6	2.3	2.2	0.89	2.9	2.4	0.05	0.00	0.26
18	0.28	0.89	1.5	1.6	3.0	2.3	0.95	2.8	2.2	0.04	0.00	0.35
19	0.26	0.86	1.4	1.5	5.5	3.8	1.0	13	2.1	0.04	0.00	0.42
20	0.27	0.91	1.4	1.4	6.6	2.7	1.1	12	2.0	0.07	0.00	0.35
21	0.27	0.91	1.5	1.3	5.8	2.3	1.1	12	1.7	0.13	0.00	0.30
22	0.26	0.90	1.5	1.1	5.3	2.2	1.2	9.3	1.5	0.29	0.00	0.27
23	0.26	0.92	1.4	1.3	5.1	2.4	1.1	10	1.2	0.27	0.00	0.24
24	0.22	1.1	1.3	1.3	5.1	2.4	1.0	12	1.1	0.19	0.00	0.22
25	0.25	1.2	1.7	1.2	5.3	2.2	1.0	6.8	0.93	0.13	0.03	0.21
26	0.27	1.1	1.7	1.2	5.1	2.0	1.0	5.6	0.82	0.07	0.30	0.20
27	0.27	1.2	1.4	1.2	5.3	1.7	0.93	8.0	0.82	0.04	0.30	0.19
28	0.32	1.2	1.4	1.3	5.3	1.6	0.99	25	0.75	0.02	0.23	0.18
29	0.34	1.6	1.3	1.8	5.0	1.5	0.95	36	0.75	0.00	0.17	0.16
30	0.35	1.3	0.70	2.2	---	1.4	0.87	26	0.62	0.00	0.13	0.16
31	0.45	---	1.3	2.7	---	1.6	---	18	---	0.00	0.11	---
TOTAL	6.14	24.62	47.80	42.30	101.3	87.5	29.79	217.18	94.79	5.78	1.43	4.80
MEAN	0.20	0.82	1.54	1.36	3.49	2.82	0.99	7.01	3.16	0.19	0.05	0.16
MAX	0.45	1.6	2.3	2.7	6.6	4.7	1.4	36	11	0.60	0.30	0.42
MIN	0.04	0.44	0.70	0.84	1.7	1.4	0.76	0.49	0.62	0.00	0.00	0.03
AC-FT	12	49	95	84	201	174	59	431	188	11	2.8	9.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2002	2003	2004	2003	2004	2003	2004	2003	2004	2002	2004	2004
MEAN	0.24	0.68	1.23	3.69	5.98	12.8	11.1	9.91	2.04	0.17	0.02	0.08
MAX	0.28	0.82	1.54	6.02	8.56	22.8	21.2	12.8	3.16	0.25	0.05	0.16
(WY)	2003	2004	2004	2003	2003	2003	2003	2003	2004	2002	2004	2004
MIN	0.20	0.53	0.91	1.36	3.49	2.82	0.99	7.01	0.92	0.07	0.00	0.03
(WY)	2004	2003	2003	2004	2004	2004	2004	2004	2003	2003	2003	2002

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 2002 - 2004	
ANNUAL TOTAL	2274.98	663.43		
ANNUAL MEAN	6.23	1.81	3.98	
HIGHEST ANNUAL MEAN			6.16	2003
LOWEST ANNUAL MEAN			1.81	2004
HIGHEST DAILY MEAN	67	Mar 14	36	May 29
LOWEST DAILY MEAN	0.00	Jul 17	0.00	Jul 29
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 17	0.00	Jul 29
ANNUAL RUNOFF (AC-FT)	4510		1320	2890
10 PERCENT EXCEEDS	22		4.0	12
50 PERCENT EXCEEDS	1.3		1.0	0.98
90 PERCENT EXCEEDS	0.00		0.05	0.00

CLEARWATER RIVER BASIN

13342340 SWEETWATER CREEK AT MOUTH AT SWEETWATER, ID

LOCATION.--Lat 46°22'09", long 116°47'44", (NAD83), in NW¹/₄NE¹/₄NE¹/₄ sec.23, T.35 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, on right bank, upstream side of Highway 95 bridge, 250 ft upstream from mouth at Lapwai Creek, and 0.2 mi south of Sweetwater.

DRAINAGE AREA.--83.4 mi².

PERIOD OF RECORD.--June 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,110 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow is diverted for irrigation by Lewiston Orchards Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 185 ft³/s Feb. 1,2003; minimum daily, 0.30 ft³/s Aug. 12, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 111 ft³/s May 29; minimum daily, 0.30 ft³/s Aug. 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.72	3.9	6.0	6.2	13	7.8	4.3	2.4	62	1.8	0.43	1.3
2	0.77	4.2	6.0	6.6	12	7.6	3.7	2.3	50	1.6	0.34	1.1
3	0.87	4.3	6.3	6.2	11	6.9	3.5	2.2	42	1.4	0.44	1.1
4	0.82	4.2	6.1	e4.5	10	7.1	3.3	2.2	33	1.2	0.54	2.0
5	0.83	3.7	6.1	e4.5	9.8	6.6	3.2	2.1	23	0.95	0.53	2.2
6	0.83	3.6	7.4	e5.0	9.3	6.1	3.2	2.0	29	1.3	0.52	2.2
7	0.78	4.1	7.6	e6.0	9.1	5.9	3.1	2.0	17	1.0	0.55	1.8
8	0.80	4.4	6.7	6.6	8.7	6.4	3.1	2.0	30	0.89	0.51	1.5
9	0.85	4.3	6.6	6.9	8.5	9.6	2.9	2.0	28	0.98	0.51	1.6
10	0.88	4.5	6.7	7.4	8.3	9.5	2.7	2.0	33	1.0	0.50	2.4
11	0.91	4.6	7.1	7.3	7.9	11	2.7	7.4	39	1.1	0.40	2.6
12	0.92	4.6	6.5	6.7	7.0	9.8	2.6	9.8	34	2.3	0.30	3.6
13	0.92	4.6	7.3	6.7	6.8	10	2.5	10	30	1.1	0.31	3.5
14	0.95	4.6	9.8	6.6	8.4	9.0	2.6	16	23	0.78	0.37	3.7
15	1.1	4.8	7.7	6.8	8.1	10	3.5	12	12	0.59	0.49	4.4
16	1.2	5.2	6.8	8.0	7.8	10	3.3	23	6.1	0.51	0.54	4.1
17	1.2	5.3	6.6	7.7	8.4	14	3.0	30	4.0	0.58	0.58	3.7
18	1.2	5.2	6.3	7.7	11	17	3.0	25	3.6	0.66	0.59	4.5
19	1.2	5.2	6.0	7.9	16	20	3.1	55	3.5	0.73	0.64	4.6
20	1.2	5.3	6.5	7.9	17	16	3.4	64	3.3	1.3	0.91	4.0
21	1.2	5.4	6.9	7.8	16	15	3.2	64	4.3	1.2	0.59	3.5
22	1.2	5.2	6.8	7.6	15	15	3.3	60	7.5	0.89	1.2	4.0
23	1.3	5.1	6.3	7.9	15	14	3.2	61	2.8	1.2	4.1	6.3
24	1.4	5.1	6.4	8.2	13	14	3.0	66	2.4	1.3	1.9	6.2
25	1.4	5.1	7.3	7.9	9.6	11	2.8	53	2.2	0.81	2.4	6.1
26	1.5	5.1	7.5	7.6	8.7	12	2.7	45	2.0	0.61	3.3	5.9
27	1.5	5.0	6.2	7.6	8.7	8.4	2.6	49	2.1	0.60	1.6	2.5
28	1.6	5.1	6.4	7.9	8.5	7.5	2.6	87	1.8	0.56	1.2	1.9
29	1.7	6.5	6.4	10	8.2	4.3	2.6	111	1.8	0.48	1.1	1.7
30	3.2	6.0	e5.0	13	---	4.0	2.5	91	1.7	0.43	0.90	1.8
31	3.8	---	5.8	13	---	4.6	---	75	---	0.46	1.2	---
TOTAL	38.75	144.2	207.1	231.7	300.8	310.1	91.2	1035.4	534.1	30.31	29.49	95.8
MEAN	1.25	4.81	6.68	7.47	10.4	10.0	3.04	33.4	17.8	0.98	0.95	3.19
MAX	3.8	6.5	9.8	13	17	20	4.3	111	62	2.3	4.1	6.3
MIN	0.72	3.6	5.0	4.5	6.8	4.0	2.5	2.0	1.7	0.43	0.30	1.1
AC-FT	77	286	411	460	597	615	181	2050	1060	60	58	190

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
MEAN	1.83	5.20	6.11	12.9	21.6	40.2	39.6	42.3	10.8	0.87	0.82	1.66
MAX	2.42	5.59	6.68	18.3	33.3	70.5	76.1	51.3	17.8	0.98	0.95	3.19
(WY)	2003	2003	2004	2003	2003	2003	2003	2003	2004	2004	2004	2004
MIN	1.25	4.81	5.54	7.47	10.4	10.0	3.04	33.4	3.83	0.80	0.71	0.89
(WY)	2004	2004	2003	2004	2004	2004	2004	2004	2003	2002	2003	2003

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 2002 - 2004
ANNUAL TOTAL	8137.80	3048.95	
ANNUAL MEAN	22.3	8.33	15.3
HIGHEST ANNUAL MEAN			22.4
LOWEST ANNUAL MEAN			8.33
HIGHEST DAILY MEAN	185	Feb 1	111
LOWEST DAILY MEAN	0.55	Aug 9	0.30
ANNUAL SEVEN-DAY MINIMUM	0.57	Aug 6	0.41
ANNUAL RUNOFF (AC-FT)	16140		6050
10 PERCENT EXCEEDS	76		16
50 PERCENT EXCEEDS	6.0		4.5
90 PERCENT EXCEEDS	0.75		0.81

e Estimated

CLEARWATER RIVER BASIN

13342450 LAPWAI CREEK NEAR LAPWAI, ID

LOCATION.--Lat 46°25'36", long 116°48'15", in NW¹/₄NE¹/₄NW¹/₄ sec.35, T.36 N., R.4 W., Nez Perce County, Lapwai quad.,

Hydrologic Unit 17060306, on right bank, 30 ft upstream from county road bridge, 0.7 mi downstream from Tom Beall Creek, 1.6 mi north of Lapwai, 1.6 mi south of Spalding, and at mile 1.9.

DRAINAGE AREA.--235 mi², approximately.

PERIOD OF RECORD.--October 1974 to September 2003, December 2003 to September 2004. (discontinued)

GAGE.--Water-stage recorder. Datum of gage is 864.64 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges and discharges Mar. 12 to Sept. 30, which are fair. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 1,500 acres.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,010 ft³/s Feb. 9, 1996, gage height, 9.70 ft, from rating curve extended above 1,500 ft³/s; maximum gage height, 10.22 ft, Feb. 23, 1986; minimum, 0.71 ft³/s Dec. 21, 1990, gage height, 2.39 ft, result of freezeup.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 4,380 ft³/s January 1965, on basis of slope-area measurement.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 28	2230	*515	*4.36	No peak greater than base discharge.			

Minimum daily, 1.9 ft³/s Aug. 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	18	59	88	44	20	225	11	2.5	5.1
2	---	---	---	18	50	82	39	19	173	12	2.4	5.2
3	---	---	---	18	47	75	36	18	133	12	2.4	5.3
4	---	---	---	e15	43	71	34	17	106	10	2.4	5.4
5	---	---	---	e9.0	40	69	32	16	79	9.1	2.4	5.3
6	---	---	---	e10	37	68	34	15	106	8.5	2.4	5.2
7	---	---	---	e14	37	64	31	15	82	8.0	2.6	5.1
8	---	---	---	17	35	103	29	14	159	7.6	2.4	5.0
9	---	---	---	18	34	197	28	14	192	7.2	2.3	4.9
10	---	---	---	18	33	245	26	14	122	7.0	2.3	4.9
11	---	---	18	20	32	173	25	50	118	7.0	2.4	5.2
12	---	---	17	21	30	150	24	137	100	7.4	2.3	5.6
13	---	---	18	22	29	146	24	90	88	6.5	2.3	6.0
14	---	---	24	22	31	114	24	71	73	5.6	2.2	6.3
15	---	---	22	22	30	112	30	56	55	4.9	2.1	6.8
16	---	---	20	25	29	104	31	113	42	4.2	2.1	7.2
17	---	---	19	26	30	116	27	159	35	4.1	2.1	7.3
18	---	---	19	26	37	117	27	114	31	3.9	2.0	7.9
19	---	---	17	26	73	119	33	251	30	3.9	1.9	8.3
20	---	---	18	26	101	88	36	245	28	4.1	2.0	8.3
21	---	---	18	27	97	81	41	313	25	4.8	2.0	8.3
22	---	---	19	27	86	81	42	321	28	4.1	2.5	8.3
23	---	---	18	28	80	76	38	320	20	3.6	2.9	9.3
24	---	---	18	30	85	74	34	371	18	3.3	3.1	9.6
25	---	---	19	29	96	71	30	238	16	3.3	3.9	9.6
26	---	---	21	29	92	72	27	187	14	3.1	4.0	9.7
27	---	---	20	28	102	64	25	202	14	3.0	4.5	8.7
28	---	---	20	28	102	62	24	368	13	2.9	4.7	7.9
29	---	---	20	38	95	52	24	471	13	2.8	4.8	7.5
30	---	---	e15	60	---	46	22	381	12	2.5	4.9	7.2
31	---	---	e17	66	---	46	---	309	---	2.5	5.0	---
TOTAL	---	---	---	781.0	1672	3026	921	4929	2150	179.9	87.8	206.4
MEAN	---	---	---	25.2	57.7	97.6	30.7	159	71.7	5.80	2.83	6.88
MAX	---	---	66	102	245	44	471	225	12	5.0	9.7	---
MIN	---	---	9.0	29	46	22	14	12	2.5	1.9	4.9	---
AC-FT	---	---	---	1550	3320	6000	1830	9780	4260	357	174	409
CFSM	---	---	---	0.11	0.25	0.42	0.13	0.68	0.30	0.02	0.01	0.03
IN.	---	---	---	0.12	0.26	0.48	0.15	0.78	0.34	0.03	0.01	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2004, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	14.7	25.3	53.7	73.5	127	199	214	135	48.5	13.7	6.71	8.98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MAX	34.5	74.1	357	333	675	487	546	368	140	42.7	16.3	18.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	1976	1999	1976	1997	1996	1997	1976	1979	1984	1982	1976	1984	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MIN	4.14	8.68	12.6	14.9	15.0	18.9	26.7	8.98	3.00	2.96	1.68	2.33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	1995	1994	1993	1993	1977	1977	1992	1992	1992	1994	1994	2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SUMMARY STATISTICS

WATER YEARS 1975 - 2004

ANNUAL MEAN	77.4
HIGHEST ANNUAL MEAN	193
LOWEST ANNUAL MEAN	15.7
HIGHEST DAILY MEAN	3600
LOWEST DAILY MEAN	0.93
ANNUAL SEVEN-DAY MINIMUM	1.1
ANNUAL RUNOFF (AC-FT)	56080
ANNUAL RUNOFF (CFSM)	0.329
ANNUAL RUNOFF (INCHES)	4.48
10 PERCENT EXCEEDS	213
50 PERCENT EXCEEDS	25
90 PERCENT EXCEEDS	5.4

e Estimated

CLEARWATER RIVER BASIN

13342500 CLEARWATER RIVER AT SPALDING, ID

LOCATION.--Lat 46°26'55", long 116°49'35", in Indian allotment 198, NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.22, T.36 N., R.4 W., Nez Perce County, Lapwai quad., Hydrologic Unit 17060306, Nez Perce Indian Reservation, on left bank 0.4 mi downstream from Lapwai Creek, 0.6 mi west of Spalding Post Office, 0.9 mi upstream from U.S. Highway 95 bridge, and at mile 11.6.

DRAINAGE AREA.--9,570 mi². Mean elevation, 4,360 ft.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1910 to October 1913, October 1924 to January 1925, April 1925 to September 2004 (discontinued).
Published as "near Lewiston", 1910-13, 1924-27. Records published for both sites March 1926 to September 1927.

REVISED RECORDS.--WSP 1737: 1927, 1935, 1943.

GAGE.--Water-stage recorder. Datum of gage is 770.49 ft above NGVD of 1929. See WDR for Idaho, 1966-68, for history of changes prior to Oct. 1, 1962.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 1,630 acres (1966 determination). Regulation of the North Fork Clearwater River at Ahsahka began on Sept. 27, 1971, when diversion tunnel at Dworshak Dam was closed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge (1911-71), 177,000 ft³/s May 29, 1948, gage height, 23.76 ft; maximum gage height, 27.77 ft, Feb. 5, 1963, from floodmark (ice jam); minimum daily, 500 ft³/s Jan. 9, 1937, Dec. 1, 1952.
Maximum discharge since regulation began in 1972, 131,000 ft³/s June 16, 1974, gage height, 19.10 ft; minimum, 1,350 ft³/s Oct. 31, 1971, gage height, 2.47 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1894 reached a stage of 20.8 ft, site and datum in use 1924-26, discharge, 136,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 71,300 ft³/s May 29, gage height, 14.21 ft; minimum daily, 2,590 ft³/s Nov. 8.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2630	3700	4710	3420	7990	11000	17400	21800	53400	15800	13300	9860
2	2620	3050	4350	3590	6600	10500	15800	23300	49700	15000	13200	9340
3	2700	3170	4530	3680	5830	7810	13900	29100	47500	14300	13100	9970
4	2690	3260	4570	4760	5400	6710	14400	33300	47700	13800	13000	9800
5	2680	3260	4290	8810	5150	6840	17600	36300	51700	13300	13000	9510
6	2660	2970	4010	9330	4900	7010	19800	38100	54800	14400	13000	9370
7	2670	2610	4810	7470	4830	6870	21700	36100	52000	15200	12900	9240
8	2670	2590	5230	3250	4710	7040	22800	35100	46400	15000	13000	9130
9	2770	2760	4760	3760	4620	8030	22500	33800	41700	14900	12000	9090
10	2700	3270	4330	4390	4540	9050	20700	32500	38300	14500	11900	9020
11	2710	3550	4160	4110	4400	9830	19200	31800	39000	14200	11800	8960
12	2760	5100	4070	3990	4290	9810	18900	32400	36200	14900	11800	9010
13	2880	4600	4010	3800	4070	10000	19900	26200	31000	15200	11800	10800
14	3180	3790	4420	3730	3930	10000	22000	23500	29500	14900	11700	11400
15	3310	3450	4930	3670	3950	9840	24000	20300	24400	14800	11700	10500
16	3230	3370	4550	3740	4140	9860	25000	20600	20000	14700	11600	10200
17	3370	3390	4170	3970	4450	10500	25000	25800	17600	14500	11600	9890
18	3440	3600	3980	3980	11100	11500	23500	24700	17200	14300	11700	10500
19	3280	3720	3870	3900	18300	13100	22500	29300	17500	14800	12100	11900
20	3140	3820	3630	3880	14500	13700	21200	31500	18300	15200	12000	8770
21	3000	4130	3530	3900	12400	12300	21000	31700	18600	15400	11900	7910
22	2950	3840	3970	3890	11200	12400	19800	34700	19000	14800	11800	7710
23	2910	3450	4120	3860	10600	14600	19100	36200	18400	14600	12000	7070
24	2890	3310	3810	3980	10500	17400	18600	37200	17900	16100	13600	6730
25	2840	3290	3660	4110	11600	19000	19300	36000	17500	15900	13700	6450
26	2810	3320	4080	6820	12000	17900	20400	33700	17100	14800	15900	6110
27	2780	3350	4170	9870	12400	17000	22400	43600	16200	13700	16600	5810
28	2860	3350	3890	10100	12000	15400	27000	60900	14600	13600	15100	5550
29	2880	3380	3730	11600	11500	13800	28800	68400	12000	13500	13900	5330
30	5380	4160	3640	17000	---	13500	25800	60400	12400	13400	13400	5160
31	4870	---	3420	11500	---	15600	---	56700	---	13300	13100	---
TOTAL	94260	104610	129400	177860	231900	357900	630000	1085000	897600	452800	397200	260090
MEAN	3041	3487	4174	5737	7997	11550	21000	35000	29920	14610	12810	8670
MAX	5380	5100	5230	17000	18300	19000	28800	68400	54800	16100	16600	11900
MIN	2620	2590	3420	3250	3930	6710	13900	20300	12000	13300	11600	5160
AC-FT	187000	207500	256700	352800	460000	709900	1250000	2152000	1780000	898100	787800	515900

CLEARWATER RIVER BASIN

13342500 CLEARWATER RIVER AT SPALDING, ID--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 1971, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4416	6790	8078	7715	9362	13290	30670	50570	37270	10180	3616	3174
MAX	17160	38940	33250	28480	22100	32100	53370	85900	73630	21800	6180	7210
(WY)	1960	1928	1934	1934	1971	1934	1943	1948	1964	1950	1950	1968
MIN	1893	1783	2126	1577	2068	3868	14880	24830	10760	3682	1935	1870
(WY)	1953	1937	1953	1937	1937	1955	1941	1941	1934	1931	1931	1937

SUMMARY STATISTICS

^a WATER YEARS 1911 - 1971

ANNUAL TOTAL	7501840
ANNUAL MEAN	15430
HIGHEST ANNUAL MEAN	24250
LOWEST ANNUAL MEAN	8556
HIGHEST DAILY MEAN	166000
LOWEST DAILY MEAN	500
ANNUAL SEVEN-DAY MINIMUM	921
ANNUAL RUNOFF (AC-FT)	11180000
10 PERCENT EXCEEDS	42400
50 PERCENT EXCEEDS	7000
90 PERCENT EXCEEDS	2500

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2004, BY WATER YEAR (WY) (REGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4199	6757	9109	9910	12060	17000	23170	36060	31780	14010	8101	7006
MAX	8260	21010	27180	27320	38940	35770	41190	63180	73570	27750	19000	11520
(WY)	1976	1996	1976	1974	1996	1986	1997	1972	1974	1997	1997	1986
MIN	1711	2209	2479	3301	3350	4879	7761	19200	8766	4861	2914	2513
(WY)	1972	1972	1972	1987	1973	1977	1973	1977	1987	1987	1994	1994

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

^b WATER YEARS 1972 - 2004

ANNUAL TOTAL	5405650	4818620	
ANNUAL MEAN	14810	13170	14930
HIGHEST ANNUAL MEAN			25020
LOWEST ANNUAL MEAN			7852
HIGHEST DAILY MEAN	64000	May 30	68400
LOWEST DAILY MEAN	2590	Nov 8	2590
ANNUAL SEVEN-DAY MINIMUM	2660	Sep 30	2660
ANNUAL RUNOFF (AC-FT)	10720000		9558000
10 PERCENT EXCEEDS	34400		29200
50 PERCENT EXCEEDS	9140		10900
90 PERCENT EXCEEDS	3000		3290

a Unregulated

b Regulated

PALOUSE RIVER BASIN

13346800 PARADISE CREEK AT UNIVERSITY OF IDAHO AT MOSCOW, ID

LOCATION.--Lat 46°43'55", long 117°01'24", in NE¼SE¼SE¼ sec.12, T.39 N., R.6 W., Latah County, Moscow West quad.,

Hydrologic Unit 17060108, on left bank, 36 ft upstream from county road crossing at northwest end of University of Idaho playing field, 0.6 mi upstream from Idaho-Washington State line, and 7.0 mi upstream from mouth.

DRAINAGE AREA.--17.7 mi².

PERIOD OF RECORD.--October 1978 to current year. Prior to October 1979, published as "at Moscow".

REVISED RECORDS.--WDR ID-87-1: 1979-81 (M).

GAGE.--Water-stage recorder. Datum of gage is 2,543.46 ft above NGVD of 1929 (levels by University of Idaho Engineering Dept.).

REMARKS.--No estimated daily discharges. Records fair except for discharges below 0.5 ft³/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 970 ft³/s Feb. 9, 1996, gage height, 11.26 ft; minimum daily, 0.04 ft³/s Nov. 29, 1987, Oct. 10, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 900 ft³/s Jan. 21, 1972, gage height, 9.87 ft (based on culvert computation).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan. 29	1900	254	8.24	Feb. 18	0445	*258	*8.27

Minimum daily, 0.04 ft³/s Oct. 10.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.10	0.12	4.8	0.29	28	16	5.7	1.1	3.6	0.35	0.22	0.12
2	0.11	0.11	3.5	0.23	20	14	5.1	1.1	3.0	0.37	0.20	0.09
3	0.10	0.09	3.0	0.23	16	13	4.6	1.0	2.5	0.33	0.24	0.09
4	0.10	0.10	0.87	0.17	13	28	4.5	1.0	2.1	0.43	0.18	0.10
5	0.09	0.09	3.5	0.41	12	30	4.3	0.99	2.3	0.33	0.17	0.08
6	0.09	0.11	7.7	0.48	9.2	27	3.9	0.87	1.9	0.35	2.6	0.11
7	0.12	0.10	1.5	0.61	12	27	3.5	0.91	4.0	0.36	1.4	0.12
8	0.09	0.10	1.1	0.75	11	24	3.1	1.2	9.8	0.37	0.22	0.17
9	0.08	0.08	0.71	5.0	9.2	21	2.7	0.70	3.2	0.43	0.17	0.09
10	0.04	0.61	2.2	9.8	8.3	19	2.7	0.89	4.8	0.52	0.22	0.12
11	0.07	6.0	2.1	6.3	6.5	17	2.4	9.0	2.9	0.22	0.15	0.08
12	0.14	0.47	2.5	6.3	5.3	16	2.4	3.7	2.2	0.26	0.16	0.08
13	0.07	0.19	30	5.4	4.8	14	2.1	1.9	1.6	0.41	0.17	5.8
14	0.11	0.15	22	5.0	5.2	13	2.4	1.4	1.2	0.36	0.14	3.1
15	5.0	0.44	4.9	6.4	6.4	12	8.0	1.2	1.1	0.29	0.12	4.7
16	4.7	9.5	2.4	7.6	11	12	5.1	18	1.0	0.23	0.15	0.73
17	1.4	3.0	1.6	6.3	46	11	3.7	4.7	0.87	0.22	7.4	0.22
18	0.48	3.5	0.81	4.0	196	11	3.3	2.4	0.82	0.20	0.37	8.9
19	0.26	2.0	0.70	5.1	74	9.5	2.7	6.9	0.73	2.2	1.2	1.2
20	0.23	0.78	2.2	4.3	43	8.7	6.2	4.9	0.61	0.85	0.27	0.16
21	0.26	1.1	5.4	3.5	32	8.7	3.9	5.9	0.62	0.35	0.44	0.11
22	0.22	0.41	2.1	2.7	28	7.9	2.8	24	0.65	0.22	8.5	0.10
23	0.18	0.22	1.3	2.8	25	7.7	2.2	10	0.81	0.22	8.3	0.30
24	0.14	0.47	4.7	4.6	39	7.5	1.8	5.1	0.41	0.21	2.0	0.14
25	0.11	0.49	2.6	3.7	36	7.5	1.6	3.7	0.38	0.15	25	0.12
26	0.11	1.2	1.6	4.1	28	8.1	1.4	14	0.54	0.14	1.9	0.09
27	0.12	1.1	1.1	6.1	24	12	1.4	20	0.37	0.19	0.40	0.10
28	1.5	1.5	0.69	33	20	7.3	1.5	19	0.35	0.22	0.21	0.28
29	2.5	36	0.50	138	18	6.7	1.3	11	0.39	0.19	0.17	0.16
30	0.41	3.0	0.35	172	---	6.5	1.3	5.5	0.45	0.22	0.16	0.10
31	0.12	---	0.26	52	---	8.0	---	4.4	---	0.21	0.17	---
TOTAL	19.05	73.03	118.69	497.17	786.9	431.1	97.6	186.46	55.20	11.40	63.00	27.56
MEAN	0.61	2.43	3.83	16.0	27.1	13.9	3.25	6.01	1.84	0.37	2.03	0.92
MAX	5.0	36	30	172	196	30	8.0	24	9.8	2.2	25	8.9
MIN	0.04	0.08	0.26	0.17	4.8	6.5	1.3	0.70	0.35	0.14	0.12	0.08
AC-FT	38	145	235	986	1560	855	194	370	109	23	125	55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2004, BY WATER YEAR (WY)

	1979	1988	1986	1979	1994	1994	1987	1992	1992	1994	1980	1991
MEAN	1.16	2.38	5.46	14.3	27.2	20.8	9.15	4.93	2.24	1.01	0.99	0.80
MAX (WY)	2.82	5.95	23.8	53.0	104	58.8	30.0	14.6	6.89	2.27	4.30	2.33
MIN (WY)	0.18	0.24	0.60	0.37	1.56	2.07	2.06	0.63	0.73	0.34	0.34	0.21

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1979 - 2004
ANNUAL TOTAL	2702.85	2367.16	
ANNUAL MEAN	7.41	6.47	7.43
HIGHEST ANNUAL MEAN			16.8
LOWEST ANNUAL MEAN			1.41
HIGHEST DAILY MEAN	218	196	755
LOWEST DAILY MEAN	0.04	0.04	0.04
ANNUAL SEVEN-DAY MINIMUM	0.08	0.08	0.08
ANNUAL RUNOFF (AC-FT)	5360	4700	5380
10 PERCENT EXCEEDS	18	16	17
50 PERCENT EXCEEDS	1.4	1.5	1.5
90 PERCENT EXCEEDS	0.13	0.12	0.26