



Figure 15. Schematic showing gaging stations in Spokane River basin.

SPOKANE RIVER BASIN

12411000 NORTH FORK COEUR D'ALENE RIVER ABOVE SHOSHONE CREEK, NEAR PRICHARD, ID

LOCATION.--Lat 47°42'22", long 115°58'45"(revised), (NAD83), in NE¹/₄SE¹/₄SW¹/₄ sec.5, T.50 N., R.4 E., Shoshone County, Prichard quad., Hydrologic Unit 17010301, in Idaho Panhandle National Forests, on left bank 0.1 mi downstream from Uranus Creek, 0.5 mi upstream from Shoshone Creek, 3.5 mi north of Prichard, and 200.0 mi upstream from mouth of Spokane River.

DRAINAGE AREA.--335 mi².

PERIOD OF RECORD.--December 1950 to current year. Prior to October 1991, published as Coeur d'Alene River above Shoshone Creek near Prichard, Idaho.

GAGE.--Water-stage recorder. Elevation of gage is 2,485 ft above NGVD of 1929, from river-profile map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,000 ft³/s Jan. 15, 1974, gage height, 11.60 ft; minimum, 34 ft³/s Dec. 26, 1952, gage height, 0.69 ft; minimum gage height, 0.42 ft, Aug. 29 to Sept. 3, Sept. 26-29, Oct. 1, 5, 7, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges above a base discharge of 3,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 12	0000	*6,620	*6.48	No other peak greater than base discharge.			

Minimum daily, 76 ft³/s Sept. 9, 25-28.

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	114	233	749	497	960	317	1440	845	362	203	109	83
2	110	289	642	465	903	304	1460	778	402	194	107	81
3	108	1160	561	e418	861	295	1450	740	392	196	105	81
4	106	1060	513	e364	846	291	1400	722	349	187	103	80
5	105	810	484	e288	846	286	1320	701	333	180	102	78
6	106	635	454	e407	798	284	1250	707	333	174	100	78
7	110	518	426	e538	765	290	1300	744	312	172	98	78
8	108	449	438	e494	725	309	1890	699	306	165	96	77
9	113	404	443	e407	684	321	2220	662	290	182	96	76
10	131	373	731	e353	645	338	1890	638	281	208	95	78
11	124	350	3980	e342	614	352	1660	596	271	196	94	81
12	113	331	5200	e375	619	366	1510	550	263	174	95	94
13	108	314	3030	e353	607	375	1380	518	257	162	98	104
14	105	297	2170	e272	552	369	1270	494	253	156	96	98
15	103	287	1840	e200	485	362	1160	487	255	151	94	90
16	107	301	1630	e366	445	366	1110	513	240	153	92	86
17	144	312	1510	e568	468	393	1290	577	309	156	92	85
18	262	300	1370	e894	460	359	1490	554	391	146	104	83
19	338	318	1240	e1680	501	347	1480	554	326	140	104	83
20	293	309	1140	2040	449	390	1390	536	287	135	96	80
21	299	301	1040	1880	399	457	1320	551	269	132	92	78
22	438	300	943	1790	398	427	1320	560	254	131	90	78
23	509	295	851	1720	401	420	1400	548	252	131	91	78
24	457	358	801	1610	365	400	1500	529	240	127	92	77
25	394	1580	762	1520	341	386	1550	506	231	123	91	76
26	345	2600	719	1410	330	381	1450	476	225	121	88	76
27	307	1820	663	1300	321	692	1360	457	225	119	86	76
28	279	1340	e592	1200	310	2770	1210	434	241	117	84	76
29	257	1050	e592	1130	---	2900	1050	409	231	114	82	81
30	253	890	576	1060	---	2130	934	388	217	112	83	155
31	254	---	536	1010	---	1630	---	368	---	110	83	---
TOTAL	6600	19584	36626	26951	16098	19307	42454	17841	8597	4767	2938	2525
MEAN	213	653	1181	869	575	623	1415	576	287	154	94.8	84.2
MAX	509	2600	5200	2040	960	2900	2220	845	402	208	109	155
MIN	103	233	426	200	310	284	934	368	217	110	82	76
AC-FT	13090	38840	72650	53460	31930	38300	84210	35390	17050	9460	5830	5010
CFSM	0.64	1.95	3.53	2.60	1.72	1.86	4.22	1.72	0.86	0.46	0.28	0.25
IN.	0.73	2.17	4.07	2.99	1.79	2.14	4.71	1.98	0.95	0.53	0.33	0.28

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

MEAN	141	332	513	505	695	917	2078	2052	675	222	124	105
MAX	449	1273	1777	2601	2485	2725	3711	4447	2238	399	201	170
(WY)	1969	1996	1996	1974	1996	1972	1956	1997	1974	1971	1993	1968
MIN	69.4	71.0	75.0	71.7	81.6	188	794	411	184	104	68.6	57.6
(WY)	1988	1962	1953	1979	2001	1955	2001	1992	1977	1973	2001	

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	243298		204288			
ANNUAL MEAN	665		560			
HIGHEST ANNUAL MEAN					696	
LOWEST ANNUAL MEAN					1267	1974
HIGHEST DAILY MEAN					223	1977
LOWEST DAILY MEAN	5200	Dec 12	5200	Dec 12	16000	Jan 15 1974
ANNUAL SEVEN-DAY MINIMUM	70	Jan 6	76	Sep 9	40	Dec 11 1961
ANNUAL RUNOFF (AC-FT)	98	Aug 15	77	Sep 22	44	Jan 3 1977
ANNUAL RUNOFF (CFSM)	482600		405200		503900	
ANNUAL RUNOFF (INCHES)	1.98		1.67		2.08	
ANNUAL RUNOFF (INCHES)	27.02		22.69		28.21	
10 PERCENT EXCEEDS	1650		1400		1930	
50 PERCENT EXCEEDS	349		358		280	
90 PERCENT EXCEEDS	114		92		92	

e Estimated

SPOKANE RIVER BASIN

12413000 NORTH FORK COEUR D'ALENE RIVER AT ENAVILLE, ID

LOCATION.--Lat 47°34'08", long 116°15'12"(revised), (NAD83), in NW¹/₄SW¹/₄NE¹/₄ sec.30, T.49 N., R.2 E., Shoshone County, Cataldo quad., Hydrologic Unit 17010301, on left bank 200 ft downstream from county road bridge, 0.9 mi upstream from South Fork, 3.7 mi downstream from Little North Fork, and 168.7 mi upstream from mouth of Spokane River.

DRAINAGE AREA.--895 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1911 to April 1913 (fragmentary), October 1939 to September 1991 (published as Coeur d'Alene River at Enaville), October 1991 to current year.

REVISED RECORDS.--WSP 1396: 1945.

GAGE.--Water-stage recorder. Gage readings have been reduced to datum of gage at 2,100.00 ft above NGVD of 1929. National Geodetic Survey adjustment in 1991 found datum to be 3.71 ft higher. Mar. 3, 1911 to Apr. 12, 1913, nonrecording gage at approximately same location at different datum. Oct. 18 to Dec. 22, 1939, nonrecording gage 0.2 mi upstream at datum 2.60 ft higher. Dec. 23, 1939 to Sept. 30, 1990, 0.2 mi upstream at datum 2.60 ft higher.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,000 ft³/s Jan. 16, 1974, gage height, 81.32 ft, site and datum then in use; minimum, 95 ft³/s Nov. 30, 1979, gage height, 60.95 ft, site and datum then in use; minimum gage height, 60.10 ft, Dec. 26, 1952, site and datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in December 1933 reached a stage of 79.47 ft, datum then in use, and a flood in April 1938 reached a stage of 78.16 ft, datum then in use, from local information concerning high-water marks.

EXTREMES FOR CURRENT YEAR.--Peak discharges above a base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 25	2345	10,100	65.85	Mar. 28	2145	9,460	65.51
Dec. 12	0600	*15,300	*68.26				

Minimum daily, 208 ft³/s Sept. 28.

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	322	653	2030	1330	2580	948	4010	2060	1120	614	314	232
2	312	689	1760	1260	2420	933	3930	1890	1180	581	312	229
3	303	2000	1570	1180	2300	914	3860	1810	1200	572	305	228
4	295	2460	1440	1080	2230	898	3730	1760	1100	553	299	224
5	289	2010	1360	859	2270	880	3500	1720	1040	534	294	221
6	288	1660	1290	942	2130	868	3270	1740	1040	518	288	218
7	299	1410	1220	1120	2030	869	3240	1890	989	509	284	216
8	292	1230	1210	1100	1940	901	4040	1870	956	493	280	214
9	313	1100	1300	1030	1830	924	4880	1810	918	515	275	213
10	381	1010	2220	944	1740	963	4310	1800	879	567	271	215
11	360	938	8680	926	1660	987	3780	1730	847	566	267	222
12	330	883	13600	935	1650	1000	3480	1620	825	523	276	236
13	310	833	8210	904	1660	1010	3180	1530	801	484	294	261
14	298	786	5770	e700	1550	1000	2980	1470	780	461	282	265
15	291	752	4970	e500	1440	988	2740	1470	783	445	274	251
16	292	780	4460	710	1310	983	2590	1540	744	441	267	239
17	346	813	4080	899	1260	1070	2900	1750	839	455	267	233
18	597	789	3630	2260	1250	1030	3330	1760	1030	436	286	231
19	907	880	3260	5690	1270	998	3460	1720	934	417	292	229
20	873	873	2960	6650	1270	1070	3290	1640	835	402	278	224
21	850	846	2650	6190	1180	1250	3090	1640	774	390	266	220
22	1130	825	2380	5710	1110	1200	2970	1620	732	383	260	217
23	1440	809	2140	5280	1080	1160	3050	1600	718	382	258	214
24	1380	1160	2000	4800	1050	1120	3250	1540	699	372	257	213
25	1210	6310	1900	4420	1030	1060	3450	1480	672	361	255	211
26	1070	8530	1820	4020	1010	1050	3380	1410	652	354	250	211
27	940	5460	1700	3640	983	1940	3230	1350	646	346	244	210
28	837	3840	1580	3320	955	7790	2980	1300	690	339	238	208
29	759	2900	1490	3060	---	8180	2600	1250	692	333	234	218
30	710	2390	1480	2860	---	6130	2290	1180	655	326	235	381
31	702	---	1420	2690	---	4690	---	1140	---	319	235	---
TOTAL	18726	55619	95580	77009	44188	54804	100790	50090	25770	13991	8437	6904
MEAN	604	1854	3083	2484	1578	1768	3360	1616	859	451	272	230
MAX	1440	8530	13600	6650	2580	8180	4880	2060	1200	614	314	381
MIN	288	653	1210	500	955	868	2290	1140	646	319	234	208
AC-FT	37140	110300	189600	152700	87650	108700	199900	99350	51110	27750	16730	13690
CFSM	0.67	2.07	3.44	2.78	1.76	1.98	3.75	1.81	0.96	0.50	0.30	0.26
IN.	0.78	2.31	3.97	3.20	1.84	2.28	4.19	2.08	1.07	0.58	0.35	0.29

SPOKANE RIVER BASIN

12413000 NORTH FORK COEUR D'ALENE RIVER AT ENAVILLE, ID--Continued

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	384	962	1516	1472	2061	2634	5328	5021	1938	655	348	294
MAX	1210	3974	5121	6929	7760	8025	9884	10370	5369	1227	608	526
(WY)	1952	1996	1965	1974	1996	1972	1943	1997	1974	1971	1948	1968
MIN	188	197	210	209	216	573	1924	1248	551	295	183	167
(WY)	1945	1953	2001	1979	2001	1955	1941	1992	1992	1940	1994	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1911 - 2005	
ANNUAL TOTAL	652968		551908			
ANNUAL MEAN	1784		1512		1881	
HIGHEST ANNUAL MEAN					3281	
LOWEST ANNUAL MEAN					599	
HIGHEST DAILY MEAN	13600		13600		50000	
LOWEST DAILY MEAN	189		208		108	
ANNUAL SEVEN-DAY MINIMUM	257		212		114	
ANNUAL RUNOFF (AC-FT)	1295000		1095000		1363000	
ANNUAL RUNOFF (CFSM)	1.99		1.69		2.10	
ANNUAL RUNOFF (INCHES)	27.14		22.94		28.56	
10 PERCENT EXCEEDS	4310		3450		4980	
50 PERCENT EXCEEDS	1090		1000		845	
90 PERCENT EXCEEDS	314		259		249	

e Estimated

SPOKANE RIVER BASIN

12413000 NORTH FORK COEUR D'ALENE RIVER AT ENAVILLE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972-73, 1975-1980, 1990, October 1992 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September 1998, May to September 1999, May to September 2000, May to September 2001 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 21.9 °C July 27, 1998.

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	
OCT	14...	1000	295	53	6.6	7.0	10.6	24	5.96	2.24	<.010	<.016	--	E.003
DEC	12...	1530	13100	28	6.4	3.0	3.2	13	3.11	1.22	<.010	.048	--	.010
FEB	25...	1040	961	46	6.8	.0	1.0	21	5.15	2.00	<.010	E.009	--	E.003
MAR	29...	1422	8820	34	7.3	3.0	3.1	15	3.53	1.38	<.010	.039	E.004	.004
MAY	18...	1045	1730	43	7.2	13.0	8.7	18	4.45	1.69	<.010	<.016	--	.005
JUN	20...	0930	801	50	7.4	15.5	12.7	22	5.35	2.06	<.010	<.016	--	.004
AUG	11...	1125	265	51	7.5	21.0	16.2	24	5.96	2.22	<.010	E.011	--	<.004

Date	Phosphorus, water, unfltrd, mg/L (00665)	Total nitrogen, water, unfltrd, mg/L (00665)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, ug/L (01045)	Lead, water, recoverable, fltrd, ug/L (01049)	Lead, water, unfltrd, recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd, recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd, recoverable, ug/L (01092)	Suspended sediment concentration, mg/L (010154)
OCT	E.003	.09	<.04	<.04	E5	16	E.04	.06	1.0	1.4	3.3	3.4	.0
DEC	.042	.20	<.04	.06	24	743	.17	6.4	2.4	30.6	3.8	14.4	53
FEB	E.003	E.04	<.04	<.04	E6	12	<.08	.07	.5	1.0	3.6	3.5	1
MAR	.025	.14	<.04	E.03	13	304	E.05	1.5	1.2	12.8	3.9	5.7	17
MAY	.005	E.06	E.02	E.02	10	31	E.07	.3	.9	1.7	5.9	5.4	2
JUN	.006	E.03	<.04	<.04	9	16	<.08	.1	1.0	1.2	3.7	3.2	1
AUG	.005	.08	<.04	<.04	8	18	E.05	.09	1.1	1.4	3.2	2.4	1

< Less than.
E Estimated.

SPOKANE RIVER BASIN

12413210 SOUTH FORK COEUR D'ALENE RIVER AT ELIZABETH PARK, NEAR KELLOGG, ID

LOCATION.--Lat 47°31'53", long 116°05'33"(revised), (NAD83), in SW¹/₄SW¹/₄SW¹/₄ sec.4, T.48 N., R.3 E., Shoshone County, Kellogg East quad., Hydrologic Unit 17010302, on left bank 5 ft downstream from county road bridge at Elizabeth Park, 0.1 mi downstream from Montgomery Creek, 1.5 mi downstream from Elk Creek School, 1.5 mi upstream from Kellogg, and at mile 9.1

DRAINAGE AREA.--182 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1987 to February 1991, May 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,300.00 ft above NGVD of 1929 (Idaho Department of Highways bench mark).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,600 ft³/s Feb. 9, 1996, gage height, 35.50 ft; minimum, 36 ft³/s Jan. 6, 2004, gage height, 23.56 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges above a base discharge of 1,600 ft³/s and maximum(*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 11	1745	*1,210	*27.69	No peaks greater than base discharge.			

Minimum, 60 ft³/s Sept. 27, 28, gage height, 23.86 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	95	124	205	203	389	177	521	517	394	168	93	70
2	93	140	190	194	370	175	512	487	414	163	91	69
3	92	215	180	185	355	172	509	486	391	161	89	68
4	90	183	174	170	357	170	497	488	369	152	88	68
5	89	166	170	147	354	168	463	496	361	148	86	68
6	88	155	163	174	331	169	446	554	347	146	85	67
7	89	146	161	179	314	170	478	663	333	142	84	65
8	86	140	188	172	298	174	641	662	318	138	83	65
9	95	136	190	163	285	180	649	652	305	150	82	65
10	95	132	284	156	273	190	577	707	291	146	81	67
11	88	130	914	153	265	190	539	661	279	140	80	69
12	86	128	952	153	263	196	510	613	269	133	83	71
13	84	125	702	149	278	196	485	579	258	129	90	73
14	83	123	580	119	254	193	480	575	253	126	83	69
15	82	121	540	106	238	192	448	578	244	122	81	67
16	87	123	499	144	227	195	442	634	233	129	79	66
17	98	119	465	167	222	208	526	707	287	130	81	68
18	139	121	428	422	219	196	555	648	258	121	84	68
19	130	122	405	718	219	193	558	601	234	116	80	66
20	115	116	380	762	212	236	541	567	220	113	78	64
21	144	113	353	743	202	233	518	547	209	110	75	63
22	169	113	325	712	195	218	518	535	201	110	75	63
23	172	112	299	666	190	213	567	507	199	108	75	62
24	167	168	287	624	186	202	658	482	190	105	74	63
25	153	550	280	581	183	197	774	456	186	103	73	63
26	144	503	266	544	180	199	806	438	182	102	72	62
27	136	362	249	510	178	437	844	426	186	101	71	62
28	132	292	234	479	177	873	757	420	187	98	70	61
29	127	248	229	450	---	743	648	414	189	95	71	66
30	131	227	223	430	---	630	569	405	176	94	72	167
31	130	---	217	410	---	541	---	393	---	93	72	---
TOTAL	3509	5453	10732	10785	7214	8226	17036	16898	7963	3892	2481	2085
MEAN	113	182	346	348	258	265	568	545	265	126	80.0	69.5
MAX	172	550	952	762	389	873	844	707	414	168	93	167
MIN	82	112	161	106	177	168	442	393	176	93	70	61
AC-FT	6960	10820	21290	21390	14310	16320	33790	33520	15790	7720	4920	4140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

	84.2	159	203	216	300	388	714	857	556	195	101	78.4
MEAN	84.2	159	203	216	300	388	714	857	556	195	101	78.4
MAX	153	580	865	513	1307	722	1135	2026	1230	393	147	115
(WY)	1996	1996	1996	1997	1996	1995	2000	1997	2002	1999	1999	2004
MIN	53.2	54.6	57.0	55.8	58.4	131	262	459	189	97.6	61.6	52.7
(WY)	1988	1988	2001	2001	2001	2001	2001	1994	1992	1994	1994	1994

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1987 - 2005
ANNUAL TOTAL	105351	96274	
ANNUAL MEAN	288	264	317
HIGHEST ANNUAL MEAN			564
LOWEST ANNUAL MEAN			153
HIGHEST DAILY MEAN	1060	952	7400
LOWEST DAILY MEAN	48	61	36
ANNUAL SEVEN-DAY MINIMUM	74	62	45
ANNUAL RUNOFF (AC-FT)	209000	191000	229600
10 PERCENT EXCEEDS	679	571	767
50 PERCENT EXCEEDS	178	186	160
90 PERCENT EXCEEDS	90	74	67

SPOKANE RIVER BASIN

12413210 SOUTH FORK COEUR D'ALENE RIVER AT ELIZABETH PARK NEAR KELLOGG, ID--Continued

WATER-QUALITY RECORDS

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

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)
OCT													
13...	0845	83	155	7.2	4.5	7.8	68	18.7	5.11	<.010	.137	--	<.004
DEC													
12...	0845	993	76	6.6	-3.0	2.9	31	8.29	2.52	<.010	.105	--	E.003
FEB													
24...	0945	185	122	7.2	1.0	.8	51	13.6	4.11	E.006	.140	--	<.004
MAR													
29...	0826	749	94	7.2	2.0	3.6	39	10.4	3.17	<.010	.103	<.006	E.003
MAY													
17...	0845	724	69	7.2	8.0	6.6	29	7.90	2.25	<.010	.041	--	.008
JUN													
21...	0820	208	117	7.6	15.0	10.7	50	13.6	3.98	<.010	.074	--	E.004
AUG													
10...	0900	83	132	7.4	18.5	13.9	69	19.1	5.11	<.010	.094	--	<.004

Date	Phosphorus, water, unfltrd, mg/L (00665)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd, recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd, recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd, recoverable, ug/L (01092)	Suspended sediment concentration, mg/L (80154)
OCT													
13...	<.004	.16	7.56	7.25	10	29	2.45	5.1	39.1	35.4	987	977	.0
DEC													
12...	.015	.20	2.57	2.88	7	308	1.33	37.3	11.8	70.9	423	446	90
FEB													
24...	<.004	.19	3.94	4.13	9	31	2.10	4.5	32.7	34.4	632	638	1
MAR													
29...	.016	.19	3.06	3.29	E6	610	1.16	43.6	12.9	79.2	526	473	5
MAY													
17...	.010	.08	2.14	2.46	10	121	1.64	16.4	18.2	40.4	392	356	20
JUN													
21...	.006	.14	4.61	4.67	13	34	2.40	6.4	30.5	30.1	752	631	2
AUG													
10...	.005	.14	7.00	6.68	10	28	2.92	4.8	25.7	27.9	856	861	2

< Less than.
E Estimated.

SPOKANE RIVER BASIN

12413250 SOUTH FORK COEUR D' ALENE RIVER AT KELLOGG, ID

LOCATION.--Lat 47°32'43", long 116°08'03", (NAD83) (revised), in SE¹/₄NE¹/₄SE¹/₄, sec.36, T.49 N., R.2 E., Shoshone County, Kellogg West quad., Hydrologic Unit 17010302, on left bank 1,200 ft downstream from Bunker Ave bridge, 0.3 miles downstream from Jackass Creek, 1.0 mi northwest of Kellogg city center, and at mile 6.7.

DRAINAGE AREA.--194 mi², approximately.

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--March 1999 to current year.

PERIOD OR DAILY RECORD.--

WATER TEMPERATURE: March 1999 to September 2005 (discontinued).

SPECIFIC CONDUCTANCE: March 1999 to September 2005 (discontinued).

TURBIDITY: October 2000 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality data recorder since March 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 23.5 °C Aug. 9, 2001; minimum, 0.0 °C many days during winter months.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 229 microsiemens/cm Feb. 19, 2001; minimum recorded daily mean, 43 microsiemens/cm May 25, 2000.

TURBIDITY: Maximum recorded, >1,000 FNU Sept. 5, 2001, Apr. 14, 2002; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 22.5 °C July 31; minimum, 0.0 °C Jan. 4-5, 14-16, Feb. 16-17.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 169 microsiemens/cm Sept. 5, 26;

minimum recorded daily mean, 68 microsiemens/cm Apr. 27, May 10.

TURBIDITY: Maximum recorded, 620 FNU Apr. 21; minimum recorded, <1 FNU on many days during the year.

REMARKS.--Turbidity data collected prior to 2001 water year not published.

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	14.6	9.4	5.7	3.3	4.1	3.2	2.6	1.2	4.8	3.4	6.6	3.8
2	14.0	9.0	7.0	5.5	4.2	3.7	1.9	0.9	5.4	3.2	6.8	2.6
3	13.9	8.9	7.8	5.5	4.8	3.6	2.1	0.5	4.8	2.6	7.1	3.1
4	13.8	8.8	6.3	4.8	4.3	3.4	0.9	0.0	4.8	3.5	6.7	2.5
5	13.7	8.7	6.5	4.4	3.9	2.9	0.2	0.0	4.3	2.9	7.3	2.5
6	11.9	9.2	6.7	4.5	4.2	2.9	1.3	0.2	3.6	2.0	7.6	3.0
7	13.9	10.2	8.8	6.2	3.7	2.7	1.7	0.5	3.0	0.9	7.9	4.6
8	13.8	8.1	6.4	4.9	4.4	3.5	2.5	0.4	3.4	2.0	9.1	4.6
9	11.5	9.9	6.8	4.6	4.6	3.6	1.7	0.5	3.9	1.7	7.7	4.4
10	13.5	9.2	7.6	5.4	5.7	4.6	2.0	1.1	3.8	1.1	9.0	4.9
11	11.5	7.6	6.5	4.7	5.7	4.1	1.6	1.1	3.8	0.8	8.7	3.2
12	12.6	8.3	5.3	4.1	4.1	3.1	1.8	0.8	4.7	2.4	7.1	4.3
13	12.2	8.2	5.2	4.1	4.1	3.0	1.9	0.6	4.1	2.7	7.1	2.7
14	12.6	8.2	6.0	4.6	5.1	4.1	0.6	0.0	3.3	1.8	7.4	2.3
15	11.8	9.0	5.9	3.9	5.1	4.8	0.0	0.0	2.8	0.4	6.9	2.5
16	11.1	10.4	7.0	5.9	4.8	4.2	0.1	0.0	3.1	0.0	5.2	3.3
17	10.9	9.7	7.1	5.5	5.0	4.2	1.3	0.1	3.4	0.0	4.8	2.2
18	9.9	8.5	5.5	4.6	5.1	4.3	2.8	1.0	3.5	0.1	5.3	2.5
19	10.1	7.4	5.5	4.5	5.3	4.3	4.5	2.8	4.0	1.3	6.9	2.9
20	10.3	8.3	5.0	3.5	4.3	3.2	4.6	3.7	3.7	1.7	7.2	4.2
21	9.8	8.0	4.9	3.5	3.6	3.0	5.4	4.1	4.1	0.6	7.1	3.6
22	8.0	7.4	5.1	4.1	3.3	1.8	4.9	3.8	4.2	0.3	5.4	2.4
23	8.6	7.0	5.8	4.8	2.2	1.0	5.8	4.0	4.7	0.5	6.3	3.0
24	7.2	6.2	5.9	5.3	3.1	1.9	4.5	3.3	5.3	1.0	5.6	1.7
25	8.1	5.8	5.8	5.2	4.2	3.1	4.7	3.1	5.5	1.1	5.2	3.2
26	7.7	4.6	5.2	3.7	3.8	2.8	4.8	3.5	5.7	1.2	5.0	2.9
27	8.3	4.9	4.3	3.3	3.0	1.9	4.9	4.2	6.1	1.4	5.1	4.2
28	6.8	5.5	4.1	3.0	2.3	1.3	5.2	4.1	5.7	1.5	5.9	4.1
29	7.0	5.5	4.0	2.9	3.6	1.7	5.0	3.9	---	---	4.9	3.6
30	7.7	6.2	3.8	3.0	4.3	2.8	5.2	4.4	---	---	5.4	3.1
31	6.3	4.7	---	---	3.5	2.6	5.2	4.2	---	---	7.2	3.2
MONTH	14.6	4.6	8.8	2.9	5.7	1.0	5.8	0.0	6.1	0.0	9.1	1.7

SPOKANE RIVER BASIN

12413250 SOUTH FORK COEUR D' ALENE RIVER AT KELLOGG, ID--Continued

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.7	4.2	10.9	4.5	10.5	9.1	19.0	12.2	20.2	15.1	18.7	10.2
2	6.7	4.2	11.3	5.2	9.2	8.5	16.2	11.9	21.3	14.2	16.9	11.3
3	6.5	4.5	9.0	7.0	10.3	8.3	18.8	10.8	21.3	12.4	18.4	12.0
4	6.9	4.5	8.8	6.0	14.9	8.1	19.2	11.1	21.8	12.5	18.3	11.9
5	7.2	4.0	10.4	6.0	10.9	8.3	20.2	12.0	21.9	13.1	17.9	10.5
6	8.9	4.0	9.4	7.6	13.1	7.0	18.7	13.4	22.3	13.6	17.9	10.0
7	8.8	5.1	8.3	6.9	9.8	7.8	20.1	12.5	21.6	13.5	18.4	10.6
8	7.4	5.4	10.3	6.4	12.1	7.6	20.3	12.4	22.1	13.4	18.4	10.4
9	6.6	4.2	10.0	7.1	13.8	7.8	15.9	13.6	22.4	13.8	13.9	11.1
10	8.2	4.2	8.6	7.2	13.5	8.5	15.2	12.0	21.9	13.7	14.5	10.3
11	7.8	4.4	11.5	5.8	14.0	9.1	19.4	11.9	21.3	13.1	13.1	10.2
12	6.2	4.5	12.1	6.0	12.0	9.1	21.2	13.0	18.4	12.5	12.0	9.6
13	6.5	4.0	11.9	6.8	11.8	7.4	20.4	13.8	20.1	11.0	15.0	10.6
14	7.9	4.1	9.3	7.3	10.8	7.7	20.8	12.4	19.8	11.3	15.3	9.7
15	8.4	3.3	10.7	7.3	14.4	8.6	21.0	12.9	20.3	11.9	16.3	9.9
16	10.5	5.2	9.3	7.8	15.6	9.1	16.9	14.2	20.8	12.4	13.9	9.6
17	8.1	5.9	9.8	7.0	12.8	9.8	21.2	12.2	16.2	13.3	13.6	9.7
18	8.0	4.7	9.0	6.3	13.8	8.7	21.7	13.0	20.0	13.1	13.7	9.8
19	8.3	4.9	10.8	7.1	17.1	9.1	21.4	13.3	19.5	11.2	15.6	8.7
20	9.9	4.7	8.5	6.8	17.8	10.0	21.3	12.9	20.5	11.4	15.2	8.6
21	9.9	5.4	11.0	6.7	19.8	11.2	22.4	12.9	21.6	12.6	14.8	8.1
22	11.5	5.8	10.2	7.6	19.3	12.7	18.2	14.7	18.7	14.0	14.1	8.7
23	9.7	5.9	10.7	6.4	18.6	12.0	21.6	14.1	17.6	12.8	14.3	9.0
24	11.0	6.3	10.8	6.0	17.0	10.9	20.7	12.9	19.1	11.8	14.0	7.3
25	11.3	5.7	13.4	6.2	17.1	11.5	20.9	12.5	19.2	10.9	13.8	7.1
26	11.7	5.7	14.3	7.1	16.9	11.0	20.9	12.4	19.4	10.8	14.6	7.6
27	8.3	5.3	15.0	7.7	13.5	11.7	21.6	12.6	19.9	11.5	14.3	7.9
28	8.1	3.7	15.7	8.4	14.0	11.3	21.9	13.3	20.0	11.4	13.9	7.2
29	8.9	3.5	15.7	9.3	16.7	11.5	21.5	13.5	15.6	12.2	11.8	9.9
30	9.1	4.1	15.5	8.6	18.7	11.4	22.4	13.4	15.8	10.0	13.0	11.5
31	---	---	12.1	9.5	---	---	22.5	13.9	17.4	9.6	---	---
MONTH	11.7	3.3	15.7	4.5	19.8	7.0	22.5	10.8	22.4	9.6	18.7	7.1
YEAR	22.5	0.0										

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153	143	125	123	99	124	110	83	87	129	148	162
2	154	142	127	124	101	123	110	85	87	128	149	163
3	155	126	127	125	103	123	109	85	89	127	149	164
4	155	133	128	124	104	123	109	84	91	128	149	168
5	156	135	128	111	106	123	110	84	92	129	150	169
6	156	137	129	129	107	123	111	79	92	129	151	166
7	156	138	128	126	109	122	108	73	94	131	152	166
8	157	138	126	127	109	120	94	71	96	132	152	165
9	152	138	132	128	110	120	90	71	97	130	152	164
10	151	139	123	130	111	118	94	68	99	130	152	163
11	156	139	87	130	112	116	96	69	101	132	154	162
12	157	139	82	130	112	114	98	71	102	134	152	161
13	158	138	89	131	115	113	100	73	103	135	151	160
14	158	138	94	124	115	113	103	73	104	135	153	161
15	159	138	97	136	116	112	105	72	105	137	154	162
16	156	137	100	126	118	113	105	70	107	136	155	163
17	150	137	101	136	118	114	100	69	103	135	154	165
18	138	138	103	129	118	118	96	70	108	138	153	165
19	142	137	106	88	118	118	95	72	112	140	154	164
20	148	139	107	82	119	115	96	75	113	140	155	165
21	141	141	109	82	120	117	96	76	114	141	157	165
22	132	141	111	82	120	119	95	78	115	141	158	166
23	134	142	114	84	120	119	90	79	116	142	157	166
24	137	130	115	85	121	120	82	80	117	143	156	167
25	139	98	115	86	122	120	73	82	118	143	157	168
26	140	102	116	88	122	120	70	84	119	144	158	169
27	142	111	117	90	123	104	68	84	118	145	160	167
28	142	116	119	92	123	84	70	85	118	145	160	167
29	144	120	120	94	---	94	75	86	120	146	160	164
30	142	124	120	96	---	103	79	85	122	147	160	145
31	141	---	121	98	---	109	---	87	---	148	159	---
MEAN	148	132	113	111	114	115	95	78	105	137	154	164
MAX	159	143	132	136	123	124	111	87	122	148	160	169
MIN	132	98	82	82	99	84	68	68	87	127	148	145
WTR YR 2005	MEAN	122	MAX	169	MIN	68						

SPOKANE RIVER BASIN

12413250 SOUTH FORK COEUR D' ALENE RIVER AT KELLOGG, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	2	<1	<1	17	<1	1	5	<1	1	<1	<1	<1
2	5	<1	<1	23	<1	3	2	<1	1	<1	<1	<1
3	5	<1	<1	46	2	6	12	<1	1	4	<1	<1
4	6	<1	<1	160	<1	2	6	<1	<1	1	<1	<1
5	3	<1	<1	2	<1	1	4	<1	1	2	<1	<1
6	5	<1	<1	1	<1	<1	6	<1	1	3	<1	<1
7	3	<1	<1	2	<1	<1	5	<1	1	2	<1	<1
8	6	<1	<1	64	<1	<1	28	2	12	3	<1	<1
9	7	<1	2	20	<1	<1	12	2	4	2	<1	<1
10	8	<1	2	7	<1	<1	14	4	9	7	<1	<1
11	5	<1	<1	25	<1	<1	86	9	35	1	<1	<1
12	4	<1	<1	3	<1	<1	22	4	9	2	<1	<1
13	2	<1	<1	8	<1	<1	9	2	4	2	<1	<1
14	4	<1	<1	2	<1	<1	8	2	4	1	<1	<1
15	150	<1	<1	3	<1	<1	5	1	2	2	<1	<1
16	16	<1	1	5	<1	<1	3	<1	2	4	<1	<1
17	8	<1	2	3	<1	<1	3	<1	1	31	<1	1
18	44	2	10	8	<1	2	3	<1	<1	71	22	35
19	2	<1	<1	2	<1	1	5	<1	<1	50	17	33
20	11	<1	1	4	<1	<1	4	<1	<1	65	8	11
21	9	1	3	7	<1	<1	2	<1	<1	10	5	7
22	250	1	4	82	<1	<1	4	<1	<1	210	3	5
23	4	<1	1	4	<1	<1	4	<1	<1	4	2	3
24	6	<1	1	170	<1	16	2	<1	<1	3	2	2
25	2	<1	<1	110	28	52	7	<1	<1	5	1	2
26	7	<1	<1	39	4	9	2	<1	<1	8	1	2
27	3	<1	<1	5	2	3	32	<1	<1	5	<1	1
28	23	<1	1	12	1	2	4	<1	<1	5	<1	1
29	27	<1	2	5	<1	1	1	<1	<1	28	<1	2
30	9	<1	2	3	<1	1	<1	<1	<1	2	<1	1
31	5	<1	2	---	---	---	2	<1	<1	9	<1	2
MAX	250	2	10	170	28	52	86	9	35	210	22	35
MIN	2	1	1	1	1	1	1	1	1	1	1	1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	3	<1	1	4	<1	1	7	1	3	9	<1	2
2	3	<1	<1	6	<1	1	7	1	2	44	<1	2
3	10	<1	<1	5	<1	<1	4	1	2	44	1	2
4	50	<1	<1	120	<1	<1	5	1	2	13	<1	2
5	9	1	2	5	<1	<1	5	1	2	7	<1	1
6	2	<1	1	2	<1	<1	32	<1	1	13	1	2
7	3	<1	<1	4	<1	<1	8	<1	2	11	2	3
8	5	<1	<1	3	<1	<1	16	4	4	8	1	3
9	2	<1	<1	120	<1	1	23	2	3	6	2	2
10	1	<1	<1	120	<1	1	7	1	2	6	2	3
11	2	<1	<1	5	<1	1	34	1	2	3	1	2
12	2	<1	<1	5	<1	1	11	1	2	3	1	2
13	11	1	3	3	<1	<1	15	1	3	6	1	2
14	3	<1	1	4	<1	<1	10	2	2	3	<1	1
15	2	<1	<1	11	<1	<1	5	1	2	25	<1	1
16	2	<1	1	17	<1	2	20	1	2	7	1	2
17	30	<1	<1	13	2	5	20	1	4	7	2	4
18	6	<1	<1	6	<1	2	18	1	3	18	2	3
19	7	<1	<1	6	<1	2	4	1	2	13	1	2
20	12	<1	<1	34	2	8	12	1	2	8	1	2
21	7	<1	<1	17	1	2	620	1	2	5	<1	2
22	4	<1	<1	13	<1	1	11	1	2	55	<1	2
23	4	<1	<1	4	<1	1	9	1	2	5	<1	1
24	4	<1	<1	4	<1	<1	12	4	6	2	<1	1
25	2	<1	<1	5	<1	<1	26	5	10	2	<1	1
26	280	<1	<1	6	<1	2	24	4	6	4	<1	1
27	22	<1	2	44	5	20	71	4	9	2	<1	1
28	7	<1	2	35	8	17	23	2	4	4	<1	1
29	---	---	---	29	4	8	23	2	3	4	<1	1
30	---	---	---	14	4	5	13	1	3	4	<1	1
31	---	---	---	6	2	3	---	---	---	4	<1	1
MAX	280	1	3	120	8	20	620	5	10	55	2	4
MIN	1	1	1	2	1	1	4	1	1	2	1	1

SPOKANE RIVER BASIN

12413250 SOUTH FORK COEUR D' ALENE RIVER AT KELLOGG, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	3	<1	1	1	<1	<1	7	<1	1	2	<1	<1
2	6	<1	2	1	<1	<1	6	<1	<1	66	<1	<1
3	6	<1	2	9	<1	<1	7	<1	<1	71	<1	<1
4	8	<1	2	3	<1	<1	5	<1	<1	140	<1	<1
5	8	<1	2	11	<1	<1	1	<1	<1	5	<1	<1
6	5	<1	1	2	<1	<1	4	<1	<1	5	<1	<1
7	5	<1	1	2	<1	<1	6	<1	<1	8	<1	<1
8	9	<1	1	2	<1	<1	3	<1	<1	13	<1	<1
9	12	<1	2	3	<1	<1	2	<1	<1	2	<1	<1
10	9	<1	1	5	<1	<1	150	<1	<1	3	<1	<1
11	5	<1	2	6	<1	<1	5	<1	<1	3	<1	<1
12	6	<1	1	2	<1	<1	87	<1	<1	11	<1	<1
13	4	<1	2	2	<1	<1	8	<1	<1	110	<1	<1
14	13	<1	1	25	<1	<1	4	<1	<1	530	<1	<1
15	6	<1	2	2	<1	<1	3	<1	<1	10	<1	<1
16	8	<1	2	10	<1	2	130	<1	<1	2	<1	<1
17	36	2	14	6	<1	<1	22	<1	1	2	<1	<1
18	16	1	4	2	<1	<1	7	<1	<1	6	<1	<1
19	34	<1	3	68	<1	<1	17	<1	<1	3	<1	<1
20	31	<1	4	11	<1	<1	6	<1	<1	6	<1	<1
21	15	1	5	2	<1	<1	6	<1	<1	2	<1	<1
22	44	1	5	5	<1	<1	85	<1	<1	7	<1	<1
23	67	2	11	5	<1	<1	4	<1	<1	16	<1	<1
24	120	<1	4	4	<1	<1	2	<1	<1	16	<1	<1
25	13	2	6	4	<1	<1	9	<1	<1	5	<1	<1
26	20	<1	8	5	<1	<1	7	<1	<1	55	<1	<1
27	13	<1	4	68	<1	<1	7	<1	<1	8	<1	<1
28	14	1	5	5	<1	<1	11	<1	<1	2	<1	<1
29	17	<1	2	2	<1	<1	8	<1	<1	3	<1	<1
30	7	<1	<1	2	<1	<1	58	<1	<1	140	<1	9
31	---	---	---	210	<1	<1	6	<1	<1	---	---	---
MAX	120	2	14	210	1	2	150	1	1	530	1	9
MIN	3	1	1	1	1	1	1	1	1	2	1	1
YEAR	MAX		MAXIMUM	620	MINIMUM	1						
	MIN		MAXIMUM	28	MINIMUM	1						
	MEDIAN		MAXIMUM	52	MINIMUM	1						

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413300 SOUTH FORK COEUR D' ALENE RIVER AT SMELTERVILLE, ID

LOCATION.--Lat 47°32'54", long 116°10'31", (NAD83), in SE¹/₄NW¹/₄SW¹/₄ sec.35, T.49 N., R.2 E., Shoshone County, Kellogg West quad., Hydrologic Unit 17010302, on left bank at county road bridge, 0.2 mi downstream from Government Gulch, 0.3 miles north of Smelterville, and at mile 5.1.

DRAINAGE AREA.--202 mi², approximately.

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1999 to September 2005 (discontinued).

SPECIFIC CONDUCTANCE: March 1999 to September 2005 (discontinued).

TURBIDITY: October 2000 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality data recorder since March 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 23.5 °C July 21-22, 27, Aug. 9, 2003, July 24, 2004; minimum, 0.0 °C many days during winter months.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 521 microsiemens/cm Dec. 12, 2000; minimum recorded daily mean, 58 microsiemens/cm May 29-30, 2002.

TURBIDITY: Maximum recorded, >1000 FNU Oct. 11, 31, 2001, Feb. 9, Apr. 14, 2002, Feb. 1, 2003; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.0 °C July 21, 31; minimum, 0.0 °C Jan. 4, 5, 14-17, Feb. 16-17.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 329 microsiemens/cm Sept. 23; minimum recorded daily mean, 90 microsiemens/cm May 11.

TURBIDITY: Maximum recorded, 570 FNU Oct. 18; minimum recorded, <1 NTU on many days during the year.

REMARKS.--Turbidity data collected prior to 2001 water year not published. Missing record due to equipment failure.

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)
OCT	13...	1205	89	264	7.2	9.5	120	31.8	10.2	E.005	.116	--	.010
DEC	12...	1100	1050	89	6.7	.0	36	9.33	2.97	<.010	.120	--	.007
FEB	24...	1245	205	182	6.9	11.5	80	21.6	6.32	E.006	.127	--	.010
MAR	29...	1035	844	117	7.3	8.0	48	12.6	3.89	E.005	.123	E.004	.005
MAY	17...	1150	800	101	7.7	11.5	41	11.1	3.19	E.005	.037	--	.011
JUN	21...	1150	216	177	7.5	32.0	77	21.2	5.95	E.007	.064	--	.011
AUG	10...	1230	86	213	7.6	28.0	100	28.2	7.25	E.005	.056	--	.011

Date	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	
OCT	13...	.027	.18	10.4	10.3	55	160	3.58	10.0	1000	889	1230	1260	1
DEC	12...	.022	.25	4.38	5.00	13	340	1.89	45.5	150	194	519	575	10
FEB	24...	.014	.15	5.76	5.92	79	120	3.43	6.88	225	198	886	905	1
MAR	29...	.016	.18	6.59	6.09	16	190	2.19	16.9	95.4	112	670	687	6
MAY	17...	.013	.08	2.75	3.16	25	120	2.41	15.1	76.4	79	486	429	5
JUN	21...	.019	.11	6.38	6.28	67	110	3.75	8.43	195	175	885	826	1
AUG	10...	.034	.13	7.54	7.90	99	320	5.06	13.9	263	270	856	936	2

< Less than.

E Estimated.

SPOKANE RIVER BASIN

12413300 SOUTH FORK COEUR D' ALENE RIVER AT SMELTERVILLE, ID--Continued

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	15.1	9.6	5.8	3.5	4.2	3.2	2.8	1.2	5.0	3.6	7.0	4.0
2	14.6	9.2	7.1	5.6	4.2	3.7	2.1	0.9	5.8	3.2	7.1	2.7
3	14.5	9.0	8.2	5.7	4.8	3.8	2.2	0.7	5.0	2.6	7.9	3.2
4	14.4	9.0	6.5	5.0	4.3	3.4	1.2	0.0	4.8	3.5	7.2	2.8
5	14.3	8.9	6.7	4.6	4.1	3.2	0.1	0.0	4.4	3.1	7.5	2.7
6	12.0	9.5	6.8	4.7	4.2	3.0	1.2	0.1	3.7	2.2	7.9	3.1
7	14.5	10.3	8.9	6.2	3.7	2.8	1.8	0.6	3.2	0.9	8.0	4.7
8	14.3	8.4	7.0	5.0	4.5	3.6	2.5	0.4	3.6	2.0	9.6	4.8
9	12.2	10.4	7.0	4.8	4.8	3.7	1.7	0.5	4.1	1.7	8.0	4.6
10	13.8	9.6	8.0	5.6	5.9	4.7	2.1	1.2	4.1	1.1	9.6	5.4
11	11.9	7.9	6.9	4.9	5.8	4.1	1.6	1.0	4.0	0.7	9.2	3.4
12	13.2	8.5	5.5	4.3	4.1	3.2	1.8	0.9	4.9	2.3	7.7	4.9
13	12.9	8.4	5.4	4.3	4.2	3.0	1.9	0.8	4.3	3.0	7.4	2.9
14	13.2	8.5	6.3	4.8	5.1	4.1	0.8	0.0	3.8	2.0	7.7	2.4
15	11.9	9.4	6.0	4.0	5.2	4.9	0.0	0.0	3.2	0.5	7.2	2.7
16	11.4	10.6	7.1	6.0	4.9	4.3	0.0	0.0	3.5	0.0	5.3	3.5
17	11.1	9.9	7.4	5.7	5.1	4.2	1.4	0.0	3.9	0.0	5.0	2.4
18	10.3	8.8	5.7	4.9	5.1	4.4	2.7	1.1	3.9	0.1	5.3	2.7
19	10.3	7.6	5.6	4.7	5.3	4.5	4.5	2.7	4.1	1.3	7.2	3.1
20	10.5	8.5	5.4	3.8	4.5	3.3	4.6	3.8	4.1	1.7	7.5	4.4
21	9.9	8.4	4.9	3.5	3.7	3.1	5.5	4.4	4.5	0.6	7.1	4.0
22	8.4	7.5	5.1	4.0	3.6	2.0	5.0	3.8	4.5	0.4	5.6	2.6
23	8.7	7.3	5.8	4.9	2.2	1.1	6.0	4.2	5.1	0.6	6.5	3.0
24	7.3	6.3	6.0	5.4	3.1	2.0	4.7	3.4	5.7	1.1	5.7	1.8
25	8.1	6.0	5.9	5.4	4.2	3.1	4.9	3.0	6.0	1.2	5.4	3.3
26	8.0	4.6	5.4	4.0	3.9	2.9	5.0	3.6	6.2	1.4	5.1	3.0
27	8.6	5.0	4.4	3.3	3.3	1.9	5.0	4.2	6.6	1.6	5.3	4.4
28	7.3	5.9	4.3	3.2	2.6	1.2	5.3	4.2	5.7	1.7	6.1	4.3
29	7.1	5.7	4.3	3.0	3.7	1.7	5.1	4.0	---	---	4.9	3.8
30	7.8	6.4	4.0	3.1	4.4	2.9	5.3	4.5	---	---	5.7	3.2
31	6.4	4.9	---	---	3.5	2.6	5.2	4.3	---	---	7.6	3.3
MONTH	15.1	4.6	8.9	3.0	5.9	1.1	6.0	0.0	6.6	0.0	9.6	1.8
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.8	4.3	11.3	4.6	11.1	9.3	19.6	12.6	20.3	15.6	19.1	10.6
2	6.8	4.2	11.4	5.3	9.5	8.7	16.5	12.4	21.8	14.6	17.2	11.7
3	6.6	4.6	9.3	7.2	10.6	8.4	19.2	11.2	21.8	13.0	18.8	12.4
4	6.9	4.5	9.0	6.2	15.3	8.3	19.7	11.5	22.1	13.1	18.7	12.2
5	7.6	4.1	10.6	6.1	12.1	8.8	20.8	12.4	22.3	13.7	18.3	10.9
6	9.2	4.1	9.6	7.8	13.4	7.2	18.6	13.9	22.7	14.1	18.3	10.5
7	9.0	5.2	8.8	7.2	10.8	8.0	20.6	12.9	22.1	14.2	18.8	11.1
8	7.5	5.5	10.6	6.5	12.7	7.8	20.9	12.8	22.3	14.0	18.8	10.9
9	6.7	4.3	10.2	7.2	14.0	8.0	17.1	13.9	22.9	14.4	15.5	11.6
10	8.7	4.3	8.8	7.4	13.9	8.7	15.5	12.4	22.2	14.3	14.6	10.6
11	7.9	4.5	12.0	6.0	14.4	9.3	19.8	12.2	21.9	13.7	13.3	10.4
12	6.4	4.6	12.5	6.1	12.6	9.3	21.7	13.5	18.8	13.1	12.2	9.9
13	6.7	4.1	12.5	7.0	11.9	7.5	20.8	14.2	20.5	11.4	16.1	10.8
14	7.8	4.2	9.9	7.6	11.0	8.0	21.3	12.8	20.2	11.7	15.4	9.9
15	8.5	3.4	10.9	7.5	14.6	8.9	21.4	13.4	20.7	12.4	16.4	10.1
16	10.6	5.3	9.9	8.1	---	---	18.2	14.9	21.2	13.0	14.3	10.0
17	8.4	6.2	9.9	7.1	---	---	21.7	12.5	17.7	13.8	13.6	10.2
18	8.5	4.8	9.2	6.4	---	---	22.2	13.5	20.5	13.5	14.3	10.1
19	8.8	5.0	11.1	7.2	---	---	21.9	13.9	20.1	11.8	15.8	9.1
20	10.1	4.8	8.9	6.9	---	---	21.8	13.4	21.0	12.0	15.6	8.9
21	10.3	5.5	11.3	6.9	---	---	23.0	13.4	22.1	13.2	15.5	8.5
22	11.8	6.0	10.5	7.8	---	---	19.2	15.1	19.0	14.5	14.2	9.2
23	9.9	6.1	11.3	6.5	---	---	22.3	14.5	17.8	13.2	14.6	9.3
24	11.4	6.5	11.0	6.2	---	---	21.2	13.4	19.5	12.3	14.7	7.6
25	11.7	5.9	13.8	6.3	---	---	21.4	12.9	19.7	11.4	14.4	7.4
26	12.2	5.8	14.7	7.3	---	---	21.4	12.9	19.9	11.4	15.2	7.9
27	9.0	5.9	15.4	7.9	---	---	22.1	13.0	20.3	12.1	14.8	8.3
28	8.3	3.8	16.1	8.6	---	---	22.2	13.8	20.6	12.0	14.5	7.5
29	9.3	3.6	16.1	9.5	---	---	22.0	14.1	17.3	12.8	11.9	10.2
30	9.4	4.2	15.9	8.9	19.1	11.8	22.8	13.9	16.2	10.6	13.2	11.8
31	---	---	13.2	9.8	---	---	23.0	14.5	18.0	10.1	---	---
MONTH	12.2	3.4	16.1	4.6	---	---	23.0	11.2	22.9	10.1	19.1	7.4

SPOKANE RIVER BASIN

12413300 SOUTH FORK COEUR D' ALENE RIVER AT SMELTERVILLE, ID--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264	241	170	175	146	206	146	121	137	206	266	223
2	276	241	186	195	151	201	136	126	135	212	266	233
3	277	196	191	200	156	205	134	127	138	210	264	278
4	274	211	203	210	157	193	136	113	144	217	263	284
5	278	207	208	212	159	173	145	109	146	219	269	292
6	283	190	215	179	163	170	148	107	148	222	275	253
7	284	189	218	183	172	178	148	103	146	227	273	193
8	285	188	217	197	161	186	127	101	151	226	273	240
9	282	191	214	205	143	186	124	102	146	219	278	288
10	264	214	192	208	144	184	129	97	138	219	281	287
11	277	218	117	210	150	185	132	90	158	224	283	280
12	281	224	102	206	161	186	135	104	141	236	275	316
13	285	233	114	204	165	186	139	106	122	238	222	290
14	274	234	118	245	173	192	142	109	163	235	226	304
15	285	237	119	271	180	189	141	108	171	234	225	298
16	286	234	122	221	186	191	135	101	---	236	231	302
17	259	268	127	218	189	186	126	94	---	227	237	308
18	224	238	138	186	191	193	124	97	---	217	224	310
19	234	220	146	112	191	195	121	99	---	237	252	318
20	251	199	154	110	192	185	120	103	---	200	259	328
21	236	199	159	112	195	184	118	105	---	220	265	321
22	219	211	166	106	198	195	122	110	---	211	253	327
23	179	202	173	107	199	188	120	115	---	228	252	329
24	181	199	178	108	201	191	112	118	---	236	238	325
25	182	133	169	110	202	195	101	123	---	240	244	326
26	193	132	156	118	204	196	98	128	---	245	251	326
27	209	156	181	123	204	160	94	130	---	251	270	267
28	213	155	194	128	204	113	98	133	---	255	273	250
29	228	189	182	135	---	126	106	133	---	255	263	310
30	232	196	175	139	---	138	116	134	182	262	257	254
31	233	---	172	144	---	146	---	125	---	262	222	---
MEAN	249	205	167	170	176	181	126	112	---	230	256	289
MAX	286	268	218	271	204	206	148	134	---	262	283	329
MIN	179	132	102	106	143	113	94	90	---	200	222	193

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	2	1	2	10	2	2	2	1	1	2	<1	1
2	4	1	2	21	2	4	3	1	1	2	<1	1
3	13	2	2	24	4	9	2	<1	1	1	<1	1
4	5	2	2	7	2	3	2	1	1	4	1	1
5	16	2	2	6	2	3	2	1	1	3	1	2
6	9	2	2	4	2	2	3	<1	2	9	1	2
7	4	2	2	8	1	1	8	1	1	8	2	2
8	11	2	2	4	<1	1	21	2	8	3	1	2
9	21	2	5	11	<1	1	13	2	4	2	1	1
10	7	3	3	4	1	1	14	4	9	3	1	2
11	11	3	3	10	1	2	92	11	44	11	1	1
12	8	3	3	2	<1	1	28	6	12	2	1	2
13	8	3	4	2	<1	1	8	2	5	2	1	2
14	5	4	4	4	1	1	7	3	5	4	1	2
15	16	3	6	3	<1	1	5	2	3	3	1	2
16	16	5	8	5	1	2	4	2	2	3	2	2
17	50	7	10	3	1	1	62	2	2	68	2	3
18	570	2	9	13	<1	2	3	1	2	73	14	40
19	6	1	2	4	1	2	4	1	2	53	19	33
20	23	1	2	18	1	1	2	1	1	19	9	13
21	23	3	6	3	1	1	2	1	1	13	6	8
22	16	4	6	3	1	1	2	1	1	8	4	5
23	9	3	5	3	1	1	2	1	1	5	3	4
24	10	3	4	44	1	16	2	<1	1	6	2	3
25	4	3	3	190	27	58	2	1	1	94	2	3
26	8	3	4	27	5	9	3	<1	1	94	2	2
27	5	3	3	8	2	3	2	1	1	3	2	2
28	22	3	4	6	2	3	2	<1	1	3	1	2
29	19	3	5	4	1	2	4	<1	1	10	2	2
30	8	3	5	4	1	2	5	1	1	3	2	2
31	11	2	2	---	---	---	2	1	1	6	1	2
MAX	570	7	10	190	27	58	92	11	44	94	19	40
MIN	2	1	2	2	1	1	2	1	1	1	1	1

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413300 SOUTH FORK COEUR D' ALENE RIVER AT SMELTERVILLE, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	5	1	2	5	1	2	7	2	3	---	---	---
2	2	1	2	3	1	1	5	2	3	---	---	---
3	2	1	2	2	1	2	---	---	---	---	---	---
4	42	1	2	3	1	1	---	---	---	---	---	---
5	17	1	2	3	1	2	---	---	---	10	1	2
6	3	1	2	7	<1	1	---	---	---	---	---	---
7	2	1	2	2	1	1	---	---	---	---	---	---
8	4	1	1	2	1	1	---	---	---	---	---	---
9	2	1	1	5	1	2	---	---	---	---	---	---
10	3	1	1	7	1	2	---	---	---	---	---	---
11	3	1	1	3	1	2	---	---	---	---	---	---
12	2	1	2	4	1	2	---	---	---	---	---	---
13	7	2	4	3	1	2	---	---	---	---	---	---
14	2	1	2	2	1	1	---	---	---	---	---	---
15	4	1	2	7	1	1	---	---	---	---	---	---
16	5	2	2	11	1	1	---	---	---	---	---	---
17	3	1	2	11	2	3	---	---	---	---	---	---
18	4	1	2	4	1	2	---	---	---	---	---	---
19	8	1	2	4	<1	1	---	---	---	---	---	---
20	2	1	2	19	1	6	---	---	---	---	---	---
21	2	1	2	7	<1	2	---	---	---	---	---	---
22	12	2	2	2	<1	1	---	---	---	---	---	---
23	8	2	2	3	<1	1	---	---	---	---	---	---
24	3	2	2	2	<1	1	---	---	---	---	---	---
25	4	2	2	2	<1	1	---	---	---	---	---	---
26	4	2	3	4	<1	1	---	---	---	---	---	---
27	6	3	3	82	4	16	---	---	---	---	---	---
28	5	3	3	44	12	20	---	---	---	---	---	---
29	---	---	---	16	6	9	---	---	---	---	---	---
30	---	---	---	12	4	6	---	---	---	---	---	---
31	---	---	---	5	2	3	---	---	---	---	---	---
MAX	42	3	4	82	12	20	---	---	---	---	---	---
MIN	2	1	1	2	1	1	---	---	---	---	---	---

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	4	1	2	---	---	---	---	---	---
2	4	2	3	---	---	---	---	---	---	---	---	---
3	3	1	2	---	---	---	---	---	---	---	---	---
4	7	1	2	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	1	<1	<1	---	---	---
12	---	---	---	---	---	---	4	<1	<1	---	---	---
13	---	---	---	---	---	---	3	1	2	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	1	<1	<1
17	---	---	---	---	---	---	---	---	---	1	<1	<1
18	---	---	---	---	---	---	---	---	---	2	<1	<1
19	---	---	---	---	---	---	---	---	---	2	<1	<1
20	---	---	---	---	---	---	---	---	---	1	<1	<1
21	---	---	---	---	---	---	---	---	---	2	<1	1
22	---	---	---	---	---	---	---	---	---	2	1	2
23	---	---	---	---	---	---	---	---	---	11	1	1
24	---	---	---	---	---	---	---	---	---	6	1	2
25	---	---	---	---	---	---	---	---	---	3	1	2
26	---	---	---	---	---	---	---	---	---	3	1	2
27	---	---	---	---	---	---	---	---	---	3	2	2
28	---	---	---	---	---	---	---	---	---	15	2	2
29	---	---	---	---	---	---	---	---	---	17	3	6
30	2	<1	1	---	---	---	---	---	---	320	6	14
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413360 EAST FORK PINE CREEK ABOVE GILBERT CREEK NEAR PINEHURST, ID

LOCATION.--Lat 47°26'25", long 116°10'31", (NAD83), in SW¹/₄NE¹/₄NW¹/₄ sec.11, T.47 N., R.2 E., Shoshone County, Masonia quad., Hydrologic Unit 17010302, on right bank, 20 ft downstream from forest road culvert, 1,200 ft upstream from Gilbert Creek, and approximately 7 mi southeast of Pinehurst.

DRAINAGE AREA.--3.47 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Elevation of gage is 2,960 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair except for daily discharges above 60 ft³/s, which are poor. Station equipment includes satellite telemetry.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 189 ft³/s Apr. 14, 2002; minimum daily, 0.19 ft³/s Sept. 27, 28, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 76 ft³/s Mar. 28; minimum daily, 0.19 ft³/s Sept. 27, 28.

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	0.81	1.5	5.6	3.6	6.5	2.2	19	10	3.8	1.6	0.94	0.45
2	0.75	3.0	5.0	3.0	6.2	2.0	19	9.5	3.6	1.4	0.85	0.57
3	0.71	8.1	4.9	2.7	6.0	2.0	18	9.1	3.4	1.3	0.71	0.55
4	0.79	5.9	5.0	2.4	6.6	1.9	16	8.4	3.4	1.4	0.74	0.42
5	0.80	4.6	4.7	2.2	5.7	1.8	14	8.9	3.1	1.5	0.77	0.33
6	0.90	4.0	4.4	2.7	5.0	2.0	14	9.7	2.9	1.5	0.78	0.34
7	0.86	3.6	4.3	3.2	4.5	2.2	17	10	2.8	1.4	0.78	0.35
8	0.88	3.2	5.0	3.0	4.2	2.1	27	10	2.8	1.4	0.83	0.40
9	0.99	2.9	4.1	2.5	3.9	2.3	24	10	2.7	1.4	0.81	0.39
10	0.80	2.8	12	2.2	3.6	2.0	19	9.4	2.8	1.3	0.76	0.35
11	0.67	2.6	68	2.3	3.7	2.4	17	9.0	2.7	1.3	0.67	0.37
12	0.65	2.4	47	2.5	4.1	2.4	15	8.4	2.4	1.3	0.60	0.36
13	0.63	2.3	28	1.9	3.9	2.2	14	7.8	2.2	1.2	0.59	0.40
14	0.71	2.2	20	1.5	3.2	2.3	13	7.3	2.3	1.1	0.53	0.38
15	0.84	2.2	16	1.6	2.7	2.6	12	7.6	2.3	1.2	0.57	0.31
16	1.0	2.4	13	1.5	2.5	2.8	12	7.7	2.5	1.3	0.65	0.29
17	1.2	2.1	12	2.6	2.5	2.5	13	7.2	2.9	1.1	0.67	0.26
18	2.1	2.2	11	16	2.7	2.4	15	7.1	2.3	1.2	0.67	0.26
19	2.0	2.1	10	30	3.0	2.6	16	6.7	2.1	1.2	0.56	0.28
20	1.6	1.9	8.6	28	2.7	4.6	15	6.1	2.2	1.1	0.54	0.23
21	2.6	1.9	7.5	24	2.2	3.9	14	6.0	2.3	1.0	0.61	0.20
22	3.5	1.9	6.2	19	2.1	4.2	15	6.1	2.2	1.1	0.60	0.22
23	3.3	1.8	5.8	17	2.1	4.2	16	5.6	2.0	1.0	0.56	0.22
24	2.6	3.7	6.0	15	2.1	3.9	18	5.4	2.0	0.96	0.49	0.20
25	2.3	31	6.2	14	2.1	3.6	20	5.3	2.0	0.90	0.48	0.20
26	2.0	20	5.7	13	2.1	4.1	21	5.3	1.9	0.88	0.51	0.22
27	1.8	13	4.7	12	2.0	50	20	5.4	1.9	0.92	0.54	0.19
28	1.6	9.2	4.3	11	2.2	76	18	5.3	1.9	0.99	0.55	0.19
29	1.5	7.3	4.8	9.3	---	41	14	5.1	1.8	0.98	0.47	0.30
30	1.7	6.7	4.6	8.2	---	25	12	4.6	1.7	0.92	0.40	2.0
31	1.5	---	4.2	7.5	---	19	---	4.2	---	0.92	0.40	---
TOTAL	44.09	158.5	348.6	265.4	100.1	282.2	497	228.2	74.9	36.77	19.63	11.23
MEAN	1.42	5.28	11.2	8.56	3.58	9.10	16.6	7.36	2.50	1.19	0.63	0.37
MAX	3.5	31	68	30	6.6	76	27	10	3.8	1.6	0.94	2.0
MIN	0.63	1.5	4.1	1.5	2.0	1.8	12	4.2	1.7	0.88	0.40	0.19
AC-FT	87	314	691	526	199	560	986	453	149	73	39	22

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

	2000	2001	2002	2003	2004	2005
MEAN	0.83	2.17	4.62	6.07	6.12	10.4
MAX	1.42	5.28	11.2	11.1	11.4	20.9
(WY)	2005	2005	2005	2002	2003	2000
MIN	0.60	0.51	0.44	0.50	0.64	3.70
(WY)	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 2000 - 2005
ANNUAL TOTAL	2498.47	2066.62	
ANNUAL MEAN	6.83	5.66	6.69
HIGHEST ANNUAL MEAN			11.8
LOWEST ANNUAL MEAN			3.45
HIGHEST DAILY MEAN	68	76	189
LOWEST DAILY MEAN	0.60	0.19	0.19
ANNUAL SEVEN-DAY MINIMUM	0.62	0.21	0.21
ANNUAL RUNOFF (AC-FT)	4960	4100	4840
10 PERCENT EXCEEDS	16	15	17
50 PERCENT EXCEEDS	4.0	2.5	2.1
90 PERCENT EXCEEDS	0.83	0.55	0.53

SPOKANE RIVER BASIN

12413360 EAST FORK PINE CREEK ABOVE GILBERT CREEK NEAR PINEHURST, ID--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 2000 to current year.

SPECIFIC CONDUCTANCE: March 2000 to current year.

TURBIDITY: March 2000 to current year.

INSTRUMENTATION.--Water-quality data recorder since March 2000.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 16.8 °C Aug. 27-28, 2005; minimum, 0.5 °C, many days during winter months.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 30 microsiemens/cm Sept. 3, Oct. 21, 2003; minimum recorded daily mean, 9 microsiemens/cm April 14, July 6, 16, 2000.

TURBIDITY: Maximum recorded, >1,000 FNU Sept. 29, 2004; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 16.8 °C Aug. 27-28; minimum, 0.9 °C Feb. 18.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 29 microsiemens/cm Sept. 15-21; minimum recorded daily mean, 12 microsiemens/cm Mar. 28.

TURBIDITY: Maximum recorded, >170 FNU Nov. 4; minimum recorded, <1 FNU on many days during the year.

REMARKS.--Turbidity data collected prior to 2001 water year not published. Missing record due to equipment failure.

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

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.4	8.7	5.4	4.8	3.3	3.1	2.7	2.2	3.8	3.5	2.8	2.2
2	9.3	8.5	5.6	5.2	3.3	3.1	2.2	1.8	3.9	3.5	2.7	2.1
3	9.1	8.3	5.4	4.8	3.6	3.3	2.1	1.5	3.8	3.3	2.9	2.2
4	9.2	8.4	4.9	4.6	3.6	3.3	1.5	0.9	4.0	3.6	3.0	2.2
5	9.0	8.3	4.7	4.4	3.4	2.9	0.9	0.6	3.6	3.1	3.0	2.3
6	9.3	8.6	5.1	4.5	3.2	2.8	1.2	0.8	3.1	2.5	3.3	2.5
7	9.1	8.5	5.6	5.1	3.0	2.5	1.4	1.1	2.6	2.1	3.7	2.9
8	8.9	8.1	5.3	4.9	3.1	2.8	1.5	1.0	2.6	2.3	3.8	3.1
9	8.7	8.5	5.1	4.7	3.3	3.1	1.4	1.1	2.5	2.1	4.0	3.2
10	8.8	8.2	5.2	4.9	4.0	3.3	1.4	1.1	2.2	1.9	4.0	3.2
11	8.5	7.9	4.9	4.6	5.0	4.0	1.5	1.2	2.1	1.7	3.9	3.0
12	8.5	7.9	4.9	4.4	4.5	3.8	1.4	1.0	2.6	2.1	3.9	3.1
13	8.3	7.8	4.8	4.5	4.3	3.7	1.4	1.0	2.8	2.3	3.7	2.8
14	8.5	7.8	4.7	4.5	4.7	4.3	1.0	0.1	2.4	1.8	3.4	2.6
15	8.6	7.9	4.9	4.4	4.7	4.3	0.3	0.1	1.9	1.4	3.5	2.6
16	8.6	8.3	5.1	4.8	4.3	4.0	0.8	0.3	1.5	1.1	3.6	2.3
17	8.5	8.2	5.2	4.6	4.4	4.0	1.1	0.8	1.4	1.0	3.1	2.3
18	8.3	7.6	4.9	4.5	4.4	4.0	2.9	1.1	1.4	0.9	2.9	2.5
19	7.9	7.4	4.8	4.4	4.6	4.2	3.8	2.9	1.7	1.2	3.2	2.5
20	8.1	7.6	4.4	4.0	4.2	3.5	4.2	3.8	2.0	1.4	3.4	2.8
21	7.8	7.3	4.3	4.0	3.6	3.2	4.6	4.1	1.6	1.1	3.4	2.7
22	7.3	7.0	4.3	4.0	3.2	2.2	4.5	4.0	1.6	1.0	3.3	2.5
23	7.0	6.6	4.4	4.1	2.4	2.0	4.7	4.2	1.7	1.1	3.3	2.6
24	6.6	5.8	4.5	4.3	2.8	2.2	4.2	3.8	1.8	1.3	3.0	2.3
25	6.5	5.9	5.2	4.5	3.3	2.8	4.2	3.7	1.9	1.4	3.0	2.6
26	6.0	5.6	5.1	4.2	3.2	2.9	4.1	3.8	2.0	1.4	3.3	2.6
27	5.9	5.5	4.2	3.9	2.9	2.5	4.4	4.1	2.1	1.5	4.2	2.9
28	5.8	5.5	3.9	3.2	2.5	2.3	4.2	3.8	2.4	1.6	4.5	4.0
29	6.0	5.5	3.4	3.2	2.8	2.4	4.3	3.9	---	---	4.0	3.5
30	5.9	5.6	3.3	3.1	3.0	2.5	4.3	4.0	---	---	4.0	3.4
31	5.7	5.1	---	---	2.9	2.5	4.4	3.8	---	---	4.0	3.2
MONTH	9.4	5.1	5.6	3.1	5.0	2.0	4.7	0.1	4.0	0.9	4.5	2.1

SPOKANE RIVER BASIN

12413360 EAST FORK PINE CREEK ABOVE GILBERT CREEK NEAR PINEHURST, ID--Continued

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

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4.3	3.7	6.0	4.1	8.4	8.1	---	---	13.6	11.9	15.7	10.0
2	4.6	3.9	6.2	4.6	8.2	8.0	---	---	13.6	11.8	14.1	10.1
3	4.8	4.1	6.0	5.5	8.4	7.9	---	---	14.0	11.2	15.6	10.4
4	4.8	4.1	6.2	5.3	9.6	7.7	---	---	14.0	11.2	15.5	10.2
5	4.6	3.8	6.9	5.5	8.2	7.4	---	---	14.7	11.4	13.2	9.8
6	5.4	3.9	6.9	6.2	8.6	7.2	---	---	15.0	11.6	15.0	9.7
7	5.6	4.5	6.6	6.2	7.8	7.3	---	---	14.8	11.6	15.4	9.7
8	5.0	4.4	7.1	6.1	8.2	7.2	---	---	14.8	11.6	15.7	9.6
9	4.7	3.9	7.2	6.4	8.7	7.2	---	---	15.9	11.7	12.2	9.9
10	4.9	3.9	6.9	6.4	8.9	7.6	---	---	15.4	11.6	11.4	9.7
11	4.8	4.2	7.6	6.1	8.4	7.6	---	---	15.1	11.5	11.5	9.4
12	4.6	3.9	7.8	6.0	8.3	7.5	---	---	14.5	11.2	10.4	9.4
13	4.6	3.9	8.0	6.5	8.7	7.2	---	---	13.5	10.8	11.2	9.4
14	4.7	3.8	7.7	6.9	8.0	7.3	---	---	14.5	10.6	10.5	9.3
15	4.6	3.4	8.1	7.1	8.8	7.5	12.8	10.5	14.9	10.8	10.5	9.4
16	5.7	4.2	7.7	7.3	9.2	7.6	12.3	10.9	15.7	11.0	10.0	9.1
17	5.4	4.6	7.6	6.9	8.5	7.9	12.0	10.4	12.5	11.4	9.9	9.2
18	5.0	4.3	7.3	6.6	9.2	7.8	13.0	10.6	12.6	11.0	10.0	9.3
19	5.2	4.2	7.7	6.8	9.8	7.8	13.2	10.9	14.6	10.4	10.2	8.9
20	5.7	4.3	7.1	6.7	10.6	8.0	13.2	10.8	15.4	10.5	10.2	8.9
21	6.0	4.8	8.0	6.6	11.2	8.6	13.4	10.9	16.2	10.9	9.6	8.5
22	6.5	5.0	7.4	6.8	10.7	9.1	12.9	11.4	13.9	11.2	9.6	8.6
23	6.3	5.1	7.2	6.3	11.0	9.1	13.4	11.4	13.9	11.2	9.4	8.6
24	6.7	5.1	7.4	6.0	10.9	9.0	13.1	11.1	14.9	10.6	9.1	8.1
25	6.6	5.2	8.2	6.0	10.6	9.4	13.1	11.0	16.1	10.2	9.1	7.9
26	6.7	5.1	8.6	6.4	10.5	9.2	13.1	10.9	16.5	10.1	9.2	8.0
27	6.1	4.5	9.0	6.8	9.8	9.5	13.2	11.0	16.8	10.3	9.1	8.1
28	4.9	3.7	9.5	7.3	9.9	9.4	13.5	11.1	16.8	10.2	8.9	7.8
29	4.9	3.4	9.9	7.8	10.2	9.5	13.5	11.4	12.6	10.3	9.0	8.4
30	5.2	3.9	10.0	7.8	12.8	9.4	13.9	11.4	14.1	10.0	9.1	8.8
31	---	---	9.2	8.2	---	---	13.9	11.5	15.2	9.9	---	---
MONTH	6.7	3.4	10.0	4.1	12.8	7.2	---	---	16.8	9.9	15.7	7.8

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

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

CAL YR 2004 MEAN 20 MAX 27 MIN 13

SPOKANE RIVER BASIN

12413360 EAST FORK PINE CREEK ABOVE GILBERT CREEK NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	3	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	2	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	2	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	4	<1	<1	170	<1	<1	<1	<1	<1	<1	<1	<1
5	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	7	<1	2	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	---	---	---	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	---	---	---	<1	<1	<1
14	2	<1	<1	<1	<1	<1	---	---	---	<1	<1	<1
15	<1	<1	<1	<1	<1	<1	---	---	---	<1	<1	<1
16	<1	<1	<1	<1	<1	<1	---	---	---	<1	<1	<1
17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
18	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
21	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	2	<1	<1	2	<1	<1	<1	<1	<1
25	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
31	<1	<1	<1	---	---	---	<1	<1	<1	<1	<1	<1
MAX	6	1	2	170	1	1	---	---	---	1	1	1
MIN	1	1	1	1	1	1	---	---	---	1	1	1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
18	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
21	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	5	<1	2	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
29	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1
31	---	---	---	<1	<1	<1	---	---	---	<1	<1	<1
MAX	1	1	1	5	1	2	1	1	1	1	1	1
MIN	1	1	1	1	1	1	1	1	1	1	1	1

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413360 EAST FORK PINE CREEK ABOVE GILBERT CREEK NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	>1000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
17	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
18	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
19	21	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	21	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1
21	25	4	16	<1	<1	<1	<1	<1	<1	<1	<1	<1
22	480	<1	7	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	11	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
24	>1000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
25	100	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	3	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
27	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
28	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	4	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
31	---	---	---	<1	<1	<1	<1	<1	<1	---	---	---
MAX	1000	4	16	2	1	1	1	1	1	2	1	1
MIN	1	1	1	1	1	1	1	1	1	1	1	1

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413370 EAST FORK PINE CREEK ABOVE NABOB CREEK NEAR PINEHURST, ID

LOCATION.--Lat 47°28'36", long 116°13'18", (NAD83), in NW¹/₄NW¹/₄SW¹/₄ sec.28, T.48 N., R.2 E., Shoshone County, Masonia quad., Hydrologic Unit 17010302, on right bank at upstream side of Bureau of Land Management road bridge, 80 ft upstream from Nabob Creek, 1.2 mi upstream from confluence with Pine Creek, and 4.3 mi south of Pinehurst.

DRAINAGE AREA.--28.2 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Elevation of gage is 2,490 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 750 ft³/s Apr. 14, 2002; minimum daily, 4.0 ft³/s Sept. 22, 24, 2001.EXTREMES FOR CURRENT YEAR.--Maximum discharge, 524 ft³/s Mar. 28, gage height, 4.51 ft; minimum daily, 5.1 ft³/s Sept. 21-28.

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	7.9	11	27	24	46	19	114	56	30	14	8.8	6.1
2	7.7	18	24	22	43	19	111	52	31	14	8.7	5.7
3	7.3	48	23	21	41	18	107	50	28	14	8.5	5.7
4	7.3	35	22	19	42	18	99	49	26	13	8.4	5.6
5	7.1	28	21	16	40	17	87	49	26	13	8.1	5.6
6	7.0	24	20	21	37	17	81	54	25	13	8.1	5.6
7	7.1	21	19	20	36	17	89	59	24	13	8.1	5.5
8	7.0	19	29	19	34	18	133	57	23	12	7.7	5.4
9	7.8	18	34	18	32	18	125	54	22	13	7.6	5.6
10	8.1	17	59	17	31	19	101	57	21	13	7.5	5.6
11	7.1	15	301	17	30	19	92	54	21	12	7.5	6.0
12	6.9	15	230	17	30	19	83	50	20	12	7.7	6.0
13	6.7	14	125	16	32	19	76	46	19	12	8.0	6.1
14	6.7	13	91	e13	28	19	71	45	20	11	7.7	5.8
15	6.7	13	78	e13	26	19	66	45	19	11	7.5	5.5
16	6.8	14	73	e14	25	20	64	48	18	12	7.3	5.4
17	7.8	13	66	19	24	23	72	51	26	12	7.6	5.4
18	15	13	58	79	24	21	77	48	23	11	8.3	5.5
19	14	14	54	177	25	21	79	46	19	11	7.5	5.4
20	11	12	50	166	24	35	77	45	18	10	7.2	5.2
21	15	12	45	138	23	36	73	43	17	10	6.9	5.1
22	21	12	41	116	22	35	73	44	17	10	6.9	5.1
23	21	12	37	101	21	34	81	42	17	10	6.9	5.1
24	20	20	36	92	21	32	89	41	16	9.8	6.8	5.1
25	18	100	35	82	20	31	98	39	16	9.6	6.5	5.1
26	16	85	33	75	20	32	100	38	16	9.5	6.3	5.1
27	15	57	30	68	19	227	100	36	17	9.3	6.2	5.1
28	14	43	28	61	19	417	89	35	17	9.3	6.1	5.1
29	13	35	27	56	---	244	74	33	16	9.2	6.1	5.5
30	13	31	26	53	---	171	63	31	15	8.9	6.2	20
31	12	---	25	49	---	129	---	30	---	8.8	6.1	---
TOTAL	341.0	782	1767	1619	815	1783	2644	1427	623	350.4	228.8	179.0
MEAN	11.0	26.1	57.0	52.2	29.1	57.5	88.1	46.0	20.8	11.3	7.38	5.97
MAX	21	100	301	177	46	417	133	59	31	14	8.8	20
MIN	6.7	11	19	13	19	17	63	30	15	8.8	6.1	5.1
AC-FT	676	1550	3500	3210	1620	3540	5240	2830	1240	695	454	355

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

	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
MEAN	7.55	15.0	28.6	38.5	44.3	65.4	116	96.4	43.0	13.2	8.03	6.91
MAX	11.0	27.2	57.0	75.7	66.5	103	206	219	121	21.0	10.2	10.5
(WY)	2005	2000	2005	2002	2000	2003	2002	2002	2002	2002	2004	2004
MIN	5.62	6.35	5.82	6.17	7.00	23.6	43.8	46.0	17.6	8.91	5.63	4.51
(WY)	2004	2001	2001	2001	2001	2001	2001	2005	2001	2001	2001	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 2000 - 2005
ANNUAL TOTAL	13444.7	12559.2	
ANNUAL MEAN	36.7	34.4	40.1
HIGHEST ANNUAL MEAN			69.0
LOWEST ANNUAL MEAN			17.8
HIGHEST DAILY MEAN	301	Dec 11	750
LOWEST DAILY MEAN	6.5	Aug 21	4.0
ANNUAL SEVEN-DAY MINIMUM	6.7	Aug 15	4.1
ANNUAL RUNOFF (AC-FT)	26670	24910	29060
10 PERCENT EXCEEDS	81	80	98
50 PERCENT EXCEEDS	22	20	18
90 PERCENT EXCEEDS	7.9	6.6	5.9

e Estimated

SPOKANE RIVER BASIN

12413370 EAST FORK PINE CREEK ABOVE NABOB CREEK NEAR PINEHURST, ID--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1999 to current year.

SPECIFIC CONDUCTANCE: October 1999 to current year.

TURBIDITY: October 2000 to current year.

INSTRUMENTATION.--Water-quality data recorder since October 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 21.0 °C July 27, 29-31, Aug. 1, 2003; minimum, 0.0 °C many days during winter months.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 70 microsiemens/cm Nov. 30, 2003; minimum recorded daily mean, 8 microsiemens/cm April 15, 2002.

TURBIDITY: Maximum recorded, >1000 FNU Apr. 14, May 20, 2002; minimum recorded, <1 FNU on many days during the year.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 19.5 °C July 30; minimum, 0.0 °C Jan. 14-15.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 61 microsiemens/cm Sept. 30; minimum recorded daily mean, 24 microsiemens/cm Apr. 27-28.

TURBIDITY: Maximum recorded, >1,000 FNU July 28-29; minimum recorded, <1 FNU on many days during the year.

REMARKS.--Turbidity data collected prior to 2001 water year not published.

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

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	12.5	10.3	6.5	5.2	3.4	2.9	2.1	1.3	3.6	2.9	3.5	1.5
2	12.2	9.9	6.9	6.1	3.5	2.9	1.7	0.7	4.2	2.8	3.4	1.1
3	12.0	9.6	6.5	5.3	3.8	3.0	1.7	0.4	3.5	2.4	3.6	1.3
4	11.8	9.5	5.9	5.1	3.6	3.0	0.5	0.2	3.9	3.0	3.7	1.2
5	11.7	9.3	5.7	4.8	3.2	2.7	0.4	0.2	3.6	2.8	3.6	1.3
6	11.4	9.8	6.0	4.8	3.4	2.7	0.6	0.4	3.2	1.9	4.0	1.7
7	11.7	9.8	6.9	5.5	3.2	2.2	0.9	0.4	2.7	1.4	4.9	2.5
8	11.7	9.3	5.8	4.9	3.3	2.8	1.3	0.3	2.8	1.9	5.1	2.6
9	10.7	10.0	5.7	4.6	3.7	3.0	1.0	0.3	2.7	1.5	4.9	2.6
10	11.4	9.3	5.8	4.8	4.4	3.5	1.1	0.7	2.3	1.1	5.2	2.9
11	10.6	9.0	5.2	4.4	4.9	4.3	1.0	0.5	2.0	0.8	5.1	2.4
12	10.8	9.0	5.3	4.3	4.3	3.4	0.9	0.5	2.9	1.5	4.4	2.6
13	10.7	8.9	5.1	4.6	4.0	3.3	1.1	0.3	2.7	1.7	4.6	2.1
14	10.8	8.9	5.3	4.5	4.5	3.9	0.3	0.0	2.4	1.1	4.5	1.9
15	10.5	9.0	5.4	4.3	4.6	3.9	0.1	0.0	1.8	0.5	4.8	2.0
16	10.3	9.8	5.8	5.1	4.2	3.8	0.3	0.1	1.6	0.3	4.4	2.3
17	10.3	9.7	5.7	4.6	4.3	3.9	0.6	0.3	1.5	0.2	4.1	2.2
18	9.8	8.9	5.1	4.5	4.4	3.8	1.9	0.3	1.4	0.2	4.0	2.3
19	9.7	8.6	5.3	4.3	4.6	3.7	3.3	1.9	2.3	0.4	4.5	2.5
20	9.9	8.9	4.4	3.8	3.7	3.1	3.9	3.3	1.8	0.6	5.4	3.1
21	9.5	8.5	4.6	3.8	3.5	2.9	4.4	3.6	1.7	0.2	4.4	2.6
22	8.5	8.1	4.6	4.0	2.9	1.7	4.2	3.5	1.7	0.2	4.1	2.3
23	8.7	7.6	5.0	4.3	2.1	1.4	4.7	3.5	1.8	0.2	4.4	2.7
24	8.0	7.1	5.0	4.6	2.4	1.6	3.6	3.1	2.1	0.2	4.2	2.2
25	8.1	6.7	5.2	4.8	3.0	2.3	3.8	3.0	2.2	0.2	3.8	2.8
26	7.5	6.2	4.9	3.7	2.6	2.0	3.7	3.1	2.3	0.3	4.1	2.5
27	7.5	6.2	4.2	3.5	2.0	1.4	4.0	3.5	2.5	0.4	4.3	3.3
28	7.2	6.1	3.9	3.0	1.5	1.1	4.1	3.4	2.7	0.4	5.1	4.2
29	7.1	6.2	3.5	2.9	2.0	1.2	4.1	3.3	---	---	4.6	3.8
30	7.4	6.6	3.5	2.9	2.6	1.4	4.4	3.7	---	---	5.1	3.6
31	7.1	5.7	---	---	2.4	1.6	4.4	3.4	---	---	5.3	3.3
MONTH	12.5	5.7	6.9	2.9	4.9	1.1	4.7	0.0	4.2	0.2	5.4	1.1

SPOKANE RIVER BASIN

12413370 EAST FORK PINE CREEK ABOVE NABOB CREEK NEAR PINEHURST, ID--Continued

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

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	5.0	4.0	9.2	4.8	10.7	9.9	16.9	12.3	18.8	15.8	16.5	12.8
2	5.6	4.0	9.5	5.4	10.1	9.5	15.8	12.4	19.1	15.6	15.7	13.1
3	5.5	4.3	8.4	6.6	10.8	9.4	16.2	11.9	19.0	14.7	16.6	13.4
4	5.7	4.2	8.3	6.0	13.4	9.2	17.0	11.9	19.2	14.6	15.8	13.3
5	5.6	3.8	9.6	6.2	10.3	8.7	17.4	12.5	19.2	14.8	16.2	12.8
6	7.1	3.9	8.9	7.4	12.4	8.4	16.7	13.5	19.5	15.1	15.9	12.4
7	7.3	4.7	7.9	7.2	10.1	8.9	17.3	13.1	19.2	15.2	16.1	12.6
8	6.5	4.9	9.5	7.0	10.9	8.6	17.7	13.0	19.4	15.2	16.0	12.5
9	5.6	4.1	9.7	7.4	11.8	8.6	15.3	13.8	19.5	15.4	14.1	12.9
10	6.5	4.0	8.8	7.4	12.7	9.2	14.9	13.4	19.3	15.3	13.8	12.5
11	6.3	4.5	10.8	6.9	11.9	9.2	17.4	13.0	19.1	15.1	13.8	12.2
12	5.5	4.5	11.5	6.9	11.2	9.1	18.3	13.5	18.5	14.8	12.9	12.1
13	6.0	4.4	11.2	7.7	12.3	8.4	18.1	14.1	18.3	14.7	14.1	12.1
14	6.0	4.2	9.9	8.1	10.8	8.7	18.3	13.4	18.1	14.1	14.4	11.6
15	6.6	3.5	10.4	8.3	12.8	9.0	18.6	13.7	18.1	14.3	14.5	11.7
16	8.1	4.8	9.4	8.4	13.7	9.3	16.8	14.3	18.3	14.4	13.5	11.4
17	7.1	5.2	10.4	8.0	11.3	9.7	18.3	13.6	16.3	15.0	13.4	11.7
18	6.9	4.7	9.8	7.5	12.5	9.4	18.7	13.8	17.6	14.7	13.4	11.6
19	7.2	4.9	11.1	8.0	14.4	9.4	18.9	14.2	17.7	13.8	14.0	10.9
20	8.0	4.7	9.1	7.9	15.3	10.0	18.8	14.1	17.9	13.8	13.8	10.8
21	8.2	5.2	11.7	7.8	16.6	10.9	19.2	14.1	18.3	14.3	13.3	10.3
22	9.2	5.6	10.0	8.1	16.4	11.9	18.0	15.2	16.9	14.9	13.3	10.6
23	8.3	5.7	10.1	7.3	16.5	11.7	18.9	14.8	16.6	14.6	13.0	10.7
24	9.4	5.9	10.8	7.0	15.5	11.4	18.6	14.3	17.4	14.0	12.7	9.9
25	9.6	5.9	12.1	7.0	15.0	12.0	18.7	14.3	17.1	13.4	12.5	9.6
26	10.0	6.0	12.8	7.6	14.8	11.7	18.7	14.1	17.3	13.3	12.7	9.6
27	8.7	5.6	13.4	8.1	13.1	12.1	19.1	14.2	17.4	13.6	12.5	9.7
28	7.9	4.7	14.0	8.7	13.4	11.9	19.4	14.5	17.4	13.5	12.2	9.3
29	7.9	4.3	14.2	9.5	14.7	12.0	19.2	14.9	14.9	13.8	11.4	10.4
30	8.1	4.7	14.2	9.3	16.9	11.6	19.5	14.8	15.3	13.2	11.7	10.9
31	---	---	12.1	10.2	---	---	19.4	15.1	15.7	12.8	---	---
MONTH	10.0	3.5	14.2	4.8	16.9	8.4	19.5	11.9	19.5	12.8	16.6	9.3
YEAR	19.5	0.0										

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
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	50	39	36	30	38	31	28	37	48	56	59
2	58	49	40	36	30	39	30	28	38	49	56	59
3	58	43	40	37	31	39	30	29	39	49	56	59
4	58	44	40	37	31	39	30	30	39	49	56	59
5	59	44	40	38	31	39	30	30	39	49	57	60
6	59	45	41	38	32	39	30	30	40	50	57	60
7	58	46	41	38	32	40	30	29	40	50	57	60
8	59	46	40	38	33	40	26	29	40	50	57	60
9	59	47	41	39	33	39	25	29	41	50	57	60
10	58	47	38	39	33	39	26	30	41	50	58	60
11	58	47	28	39	34	39	26	30	42	50	58	60
12	58	47	27	39	34	39	27	30	42	51	58	59
13	58	47	28	39	34	38	27	31	42	51	58	59
14	59	48	29	39	35	38	28	31	42	52	57	58
15	59	48	29	41	35	38	29	32	42	52	57	58
16	59	47	29	42	35	38	29	32	43	52	58	59
17	58	47	29	41	36	38	29	33	43	52	58	59
18	57	47	30	31	36	39	28	33	44	52	58	59
19	54	47	31	27	36	39	28	33	45	53	57	59
20	54	48	31	28	36	37	28	33	45	53	57	59
21	54	48	31	28	37	37	29	33	46	54	58	59
22	50	48	32	27	37	37	28	34	46	54	58	59
23	49	48	32	27	37	36	27	34	46	54	58	59
24	49	46	33	27	38	36	26	34	46	54	58	60
25	50	38	33	27	38	36	25	34	47	54	59	60
26	50	38	33	27	38	36	25	35	47	54	59	60
27	50	38	34	27	38	28	24	35	47	55	59	59
28	51	38	34	28	38	25	24	36	47	55	59	59
29	51	38	35	28	---	27	25	36	48	55	59	60
30	51	39	35	29	---	29	26	37	48	55	59	61
31	50	---	35	29	---	30	---	37	---	56	59	---
MEAN	55	45	34	34	35	36	28	32	43	52	58	59
MAX	59	50	41	42	38	40	31	37	48	56	59	61
MIN	49	38	27	27	30	25	24	28	37	48	56	58

WTR YR 2005 MEAN 43 MAX 61 MIN 24

SPOKANE RIVER BASIN

12413370 EAST FORK PINE CREEK ABOVE NABOB CREEK NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1
5	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1
6	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	1	<1	<1	1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
10	<1	<1	<1	1	<1	<1	2	<1	1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	17	2	9	<1	<1	<1
12	3	<1	<1	2	<1	<1	4	1	2	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	3	<1	1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
15	3	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1
16	35	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
17	6	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1
18	7	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	2
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	2	3
20	6	<1	<1	<1	<1	<1	<1	<1	<1	2	1	2
21	150	<1	<1	<1	<1	<1	<1	<1	<1	2	1	1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
24	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1
25	<1	<1	<1	4	1	2	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	2	<1	1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
31	<1	<1	<1	---	---	---	<1	<1	<1	<1	<1	<1
MAX	150	1	1	5	1	2	17	2	9	4	2	3
MIN	1	1	1	1	1	1	1	1	1	1	1	1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
2	1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	2	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	<1	<1	<1	2	<1	<1	<1	<1	<1	3	<1	<1
16	<1	<1	<1	85	<1	2	<1	<1	<1	<1	<1	<1
17	<1	<1	<1	5	<1	<1	<1	<1	<1	4	<1	<1
18	<1	<1	<1	54	<1	<1	<1	<1	<1	<1	<1	<1
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	<1	<1	<1	5	<1	1	<1	<1	<1	<1	<1	<1
21	<1	<1	<1	7	<1	<1	<1	<1	<1	<1	<1	<1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	43	<1	7	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	46	4	16	<1	<1	<1	<1	<1	<1
29	---	---	---	4	2	2	<1	<1	<1	<1	<1	<1
30	---	---	---	2	1	2	<1	<1	<1	<1	<1	<1
31	---	---	---	2	<1	1	---	---	---	<1	<1	<1
MAX	2	1	1	85	4	16	2	1	1	4	1	1
MIN	1	1	1	1	1	1	1	1	1	1	1	1

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413370 EAST FORK PINE CREEK ABOVE NABOB CREEK NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	5	2	3	<1	<1	<1
2	<1	<1	<1	14	<1	<1	8	4	5	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	34	8	13	<1	<1	<1
4	<1	<1	<1	<1	<1	<1	27	2	3	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	29	2	3	<1	<1	<1
6	<1	<1	<1	<1	<1	<1	29	5	8	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	8	5	6	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	8	2	4	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	4	<1	<1	360	<1	<1	<1	<1	<1	<1	<1	<1
17	8	<1	2	21	<1	4	1	<1	<1	<1	<1	<1
18	6	1	2	33	<1	<1	<1	<1	<1	<1	<1	<1
19	5	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	4	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1
21	8	1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1
22	10	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	37	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	>1000	2	3	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	>1000	10	47	<1	<1	<1	<1	<1	<1
30	<1	<1	<1	79	10	31	<1	<1	<1	1	<1	<1
31	---	---	---	48	<1	3	<1	<1	<1	---	---	---
MAX	37	1	4	1000	10	47	34	8	13	1	1	1
MIN	1	1	1	1	1	1	1	1	1	1	1	1

YEAR	MAX		MAXIMUM	1000	MINIMUM	1
	MIN		MAXIMUM	10	MINIMUM	1
	MEDIAN		MAXIMUM	47	MINIMUM	1

> Actual value is known to be greater than the value shown
 < Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID

LOCATION.--Lat 47°30'52", long 116°14'31" (revised), (NAD83), in SW¹/₄SW¹/₄SW¹/₄ sec.8, T.48 N., R.2 E., Shoshone County, Kellogg West quad., Hydrologic Unit 17010302, on left bank, 3.2 mi upstream from South Fork Coeur d'Alene River and 1.0 mi south of Pinehurst city limits.

DRAINAGE AREA.--73.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,285 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair, and daily discharges above 800 ft³/s, which are poor. Station equipment includes satellite telemetry.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 3,220 ft³/s Apr. 14, 2002; minimum daily, 9.1 ft³/s Sept. 24, 26, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,490 ft³/s Mar. 28; minimum daily, 12 ft³/s Sept. 8-11, 17-29.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	43	127	69	158	55	368	178	77	34	18	13
2	29	47	110	64	147	54	351	163	79	34	18	13
3	28	109	98	60	139	53	337	156	75	33	18	13
4	27	117	91	55	139	52	314	153	70	31	18	13
5	26	99	87	50	139	51	278	153	68	30	17	13
6	26	85	80	53	129	50	254	169	65	29	17	13
7	25	74	77	53	121	50	269	184	62	29	17	13
8	24	67	109	52	112	50	420	176	59	28	16	12
9	24	63	132	51	106	51	416	166	57	28	16	12
10	25	58	218	49	100	52	342	186	55	28	16	12
11	24	55	981	47	96	54	301	174	53	27	16	12
12	23	53	806	46	95	57	269	159	51	26	16	13
13	23	50	453	44	100	59	245	147	48	26	16	13
14	23	49	328	39	90	60	e215	142	48	25	16	13
15	23	47	299	36	83	61	e190	139	46	25	15	13
16	23	47	288	41	77	62	e185	145	44	25	15	13
17	23	45	256	41	75	69	e205	155	56	25	15	12
18	28	e45	225	388	74	68	e220	146	55	24	15	12
19	30	45	203	924	74	66	e235	138	50	23	16	12
20	28	e44	186	722	72	98	253	131	49	22	15	12
21	32	e43	166	559	70	117	238	125	46	22	15	12
22	41	e43	146	456	67	111	239	124	43	22	15	12
23	47	e43	129	382	64	110	271	117	41	22	15	12
24	59	53	118	331	62	101	301	112	39	21	14	12
25	61	480	113	286	60	95	343	105	38	21	14	12
26	58	491	106	249	59	95	352	99	37	20	14	12
27	55	300	95	228	57	627	352	95	38	20	14	12
28	52	217	86	209	56	1490	312	91	38	20	14	12
29	49	176	82	194	---	812	252	86	37	19	14	12
30	47	149	79	182	---	571	208	81	35	19	14	14
31	45	---	74	171	---	426	---	78	---	19	13	---
TOTAL	1058	3237	6348	6131	2621	5727	8535	4273	1559	777	482	374
MEAN	34.1	108	205	198	93.6	185	284	138	52.0	25.1	15.5	12.5
MAX	61	491	981	924	158	1490	420	186	79	34	18	14
MIN	23	43	74	36	56	50	185	78	35	19	13	12
AC-FT	2100	6420	12590	12160	5200	11360	16930	8480	3090	1540	956	742

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

MEAN	18.0	56.2	99.4	135	142	222	348	332	164	38.3	20.6	17.1
MAX	34.1	116	205	216	232	330	599	624	394	75.7	29.9	35.3
(WY)	2005	2000	2005	2002	2003	2003	2002	2002	2002	1999	1999	2004
MIN	13.1	15.7	13.5	14.8	17.1	74.0	143	138	52.0	24.2	14.4	10.0
(WY)	2004	2003	2001	2001	2001	2001	2001	2005	2005	2003	2001	2001

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1998 - 2005
ANNUAL TOTAL	45283	41122	
ANNUAL MEAN	124	113	135
HIGHEST ANNUAL MEAN			201
LOWEST ANNUAL MEAN			55.8
HIGHEST DAILY MEAN	981	Dec 11	1490
LOWEST DAILY MEAN	17	Aug 20	12
ANNUAL SEVEN-DAY MINIMUM	18	Aug 17	12
ANNUAL RUNOFF (AC-FT)	89820	81570	98060
10 PERCENT EXCEEDS	287	274	338
50 PERCENT EXCEEDS	66	56	55
90 PERCENT EXCEEDS	23	14	14

e Estimated

SPOKANE RIVER BASIN

12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1999 to current year.

SPECIFIC CONDUCTANCE: February 1999 to current year.

TURBIDITY: October 2000 to current year.

INSTRUMENTATION.--Water-quality data recorder since February 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 16.1 °C Aug. 17, 2004; minimum recorded, 1.5 °C on Feb. 19, 2000, Feb. 25-26, 2002, Feb. 24, 2003.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 50 microsiemens/cm Oct. 31, Dec. 15, 2002, Nov. 18, 2003; minimum recorded daily mean, 15 microsiemens/cm May 24, 30, June 16-17, 1999, May 29-30, 2002.

TURBIDITY: Maximum recorded, >1000 FNU April 14, 2002; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 15.7 °C Aug. 9; minimum recorded, 2.0 °C Feb. 16.

SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 41 microsiemens/cm Sept. 19-30; minimum recorded daily mean, 21 microsiemens/cm Apr. 27.

TURBIDITY: Maximum recorded, 72 FNU Dec. 11, Mar. 28; minimum recorded, <1 FNU on many days during the year.

REMARKS.--Turbidity data collected prior to 2001 water year not published. Missing record due to equipment failure.

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

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	13.7	10.9	10.0	9.0	6.2	5.5	4.8	3.9	4.5	3.2	5.6	3.0				
2	13.6	10.9	10.1	9.3	6.2	5.7	4.9	3.6	4.9	3.2	5.7	2.6				
3	13.6	10.7	9.7	8.1	6.7	5.9	4.6	3.3	4.5	2.9	5.9	2.8				
4	13.5	10.7	9.3	8.2	6.4	5.8	4.3	3.1	4.2	3.3	6.0	2.7				
5	13.4	10.7	9.6	8.3	6.2	5.9	4.2	2.9	4.0	3.2	5.9	2.7				
6	12.0	10.9	9.6	8.5	6.6	5.9	3.9	3.5	4.2	2.7	6.1	2.9				
7	13.1	10.8	10.5	8.8	6.3	5.7	4.5	3.6	3.7	2.3	5.8	3.5				
8	13.3	10.6	9.7	8.5	6.2	5.1	4.7	3.3	4.0	2.8	6.6	3.3				
9	12.1	11.0	10.0	8.5	5.9	5.1	4.1	3.3	4.1	2.5	5.4	3.2				
10	12.6	10.6	10.2	8.5	5.8	5.2	4.2	3.6	4.4	2.3	6.4	3.3				
11	12.5	10.5	10.0	8.3	5.3	4.6	3.9	3.5	4.4	2.2	6.7	3.0				
12	12.9	10.6	9.1	8.3	4.6	3.9	4.1	3.5	4.3	2.8	5.6	3.1				
13	12.8	10.5	8.9	8.5	4.8	3.9	4.1	3.4	3.7	2.8	6.2	2.8				
14	12.9	10.7	9.4	8.4	5.1	4.6	3.9	2.4	3.8	2.4	6.2	2.7				
15	12.2	10.8	9.1	8.2	5.2	4.8	3.8	2.3	4.1	2.1	5.7	2.8				
16	11.5	11.1	9.2	8.8	5.1	4.7	3.5	2.7	4.3	2.0	4.7	3.1				
17	11.6	11.0	9.1	8.3	5.3	4.7	4.0	3.5	4.5	2.1	4.7	3.0				
18	11.4	10.7	8.8	8.3	5.3	4.8	3.7	1.8	4.5	2.1	4.5	3.0				
19	11.9	10.5	8.9	7.9	5.5	4.6	4.2	2.9	4.7	2.4	5.3	3.2				
20	11.6	10.7	8.9	7.7	5.0	4.2	4.3	3.7	3.8	2.4	5.2	3.3				
21	11.2	10.4	8.5	7.8	4.7	4.2	4.7	3.8	4.6	2.1	4.8	2.9				
22	10.5	10.2	---	---	4.4	3.5	4.5	3.8	4.7	2.1	4.5	2.7				
23	11.2	10.0	8.7	---	4.0	3.3	5.2	3.7	4.9	2.1	4.9	3.0				
24	10.7	9.9	8.3	7.2	4.3	3.6	4.4	3.3	5.2	2.2	5.1	2.6				
25	11.2	9.6	7.2	5.6	4.7	4.2	4.4	3.2	5.3	2.2	4.4	3.2				
26	11.2	9.3	5.8	4.9	4.8	3.8	4.4	3.3	5.3	2.3	4.5	3.0				
27	11.5	9.4	5.7	4.8	4.6	3.6	4.2	3.8	5.5	2.3	4.2	3.5				
28	10.4	9.4	5.7	4.9	4.5	3.4	4.6	3.7	4.6	2.3	5.0	4.2				
29	10.2	9.5	5.9	5.0	4.7	3.6	4.5	3.6	---	---	4.4	3.8				
30	10.9	9.6	5.9	5.3	4.8	3.8	4.5	3.9	---	---	5.2	3.5				
31	10.7	9.2	---	---	4.8	3.9	4.6	3.5	---	---	5.7	3.4				
MONTH	13.7	9.2	---	---	6.7	3.3	5.2	1.8	5.5	2.0	6.7	2.6				

SPOKANE RIVER BASIN

12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID--Continued

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

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4.9	3.9	9.2	4.8	9.2	8.3	13.9	9.5	14.4	11.2	14.8	10.7
2	5.7	3.9	9.7	5.2	8.7	8.2	12.6	9.6	15.1	11.2	13.8	10.9
3	5.3	4.2	8.3	6.0	9.6	8.0	13.9	9.6	15.1	10.7	14.6	11.1
4	5.5	4.0	7.7	5.6	12.4	7.9	14.0	9.3	15.4	10.8	14.5	11.0
5	5.8	3.7	9.2	5.7	9.1	7.7	14.0	9.6	15.4	10.9	14.6	10.8
6	7.1	3.8	7.9	6.6	12.1	7.7	12.8	10.1	15.5	11.0	14.6	10.6
7	7.2	4.3	7.1	6.6	9.1	7.9	14.1	9.9	15.2	11.1	14.7	10.8
8	6.3	4.7	8.5	6.4	10.2	7.8	14.4	9.8	15.6	11.1	14.7	10.7
9	5.4	4.0	8.9	6.6	11.6	7.7	12.5	10.5	15.7	11.2	12.4	11.1
10	6.7	3.9	8.1	6.7	10.8	8.0	11.8	10.3	15.5	11.2	12.9	11.0
11	6.2	4.3	10.2	6.3	10.3	7.9	14.1	10.1	15.4	11.1	12.5	10.9
12	5.6	4.3	11.0	6.2	10.3	8.0	14.6	10.2	15.0	10.9	11.9	10.9
13	6.0	4.3	10.5	6.7	10.6	7.5	14.2	10.4	15.1	11.2	13.2	11.0
14	6.2	4.1	8.9	7.0	9.4	7.7	14.5	10.1	15.0	10.8	13.8	10.7
15	6.8	3.6	9.4	7.3	11.9	8.1	14.6	10.2	15.1	11.0	13.8	10.7
16	8.0	4.6	8.4	7.5	11.8	8.2	12.2	10.7	15.4	11.1	13.1	10.6
17	6.9	4.9	9.4	7.3	9.8	8.6	14.6	10.6	12.7	11.4	12.6	10.9
18	6.9	4.5	8.9	6.7	11.1	8.5	14.8	10.4	14.9	11.4	13.0	10.7
19	6.8	4.7	10.3	7.2	13.3	8.4	14.9	10.5	15.1	10.9	13.9	10.3
20	8.1	4.5	8.4	7.2	13.2	8.4	14.8	10.5	15.3	10.9	13.8	10.3
21	8.0	4.9	9.8	7.1	13.9	8.8	14.9	10.5	15.5	11.2	13.5	10.1
22	8.6	5.1	9.6	7.3	13.9	9.2	13.9	11.1	13.7	11.6	13.3	10.4
23	7.9	5.2	10.2	6.7	13.6	9.2	14.8	10.9	13.6	11.4	13.3	10.5
24	9.1	5.4	10.7	6.6	13.0	9.0	14.8	10.6	14.7	11.1	13.4	9.9
25	9.5	5.4	11.4	6.6	12.2	9.4	14.7	10.6	15.0	10.8	13.3	9.9
26	9.9	5.5	11.8	6.9	13.3	9.1	14.8	10.5	15.1	10.8	13.5	10.0
27	8.6	5.3	12.1	7.1	10.5	9.5	15.0	10.6	15.2	11.0	13.4	10.0
28	8.5	4.6	12.4	7.4	10.8	9.6	15.3	10.7	15.2	10.9	13.2	9.8
29	8.3	4.4	12.5	7.8	11.9	9.6	15.1	10.8	13.1	11.2	11.6	10.8
30	8.4	4.7	12.4	7.7	13.4	9.3	15.3	10.8	13.3	10.9	11.9	11.4
31	---	---	10.0	8.3	---	---	15.2	10.9	14.0	10.7	---	---
MONTH	9.9	3.6	12.5	4.8	13.9	7.5	15.3	9.3	15.7	10.7	14.8	9.8

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	38	30	30	27	29	26	23	29	33	36	39
2	40	38	30	30	27	28	26	23	29	33	37	39
3	40	38	30	31	27	28	26	24	29	34	37	39
4	40	35	30	31	27	28	26	24	29	34	37	39
5	39	35	30	31	28	28	26	24	29	34	38	39
6	39	35	30	31	28	28	26	24	30	34	40	40
7	39	35	30	31	28	28	25	24	30	34	40	40
8	39	35	31	31	29	28	23	24	30	34	40	40
9	39	35	32	31	29	28	22	24	30	34	39	40
10	40	35	31	31	29	28	23	24	30	34	38	40
11	40	35	25	31	28	28	23	24	30	35	37	40
12	40	35	24	31	29	28	24	24	30	35	37	40
13	40	35	25	31	29	28	24	24	31	35	37	40
14	40	35	25	30	29	28	24	24	31	35	37	40
15	40	35	26	30	29	28	24	25	31	35	38	40
16	40	35	25	32	29	28	25	25	31	35	38	40
17	40	34	27	33	29	28	24	25	32	35	38	40
18	41	34	28	28	30	28	24	25	33	35	38	40
19	41	34	28	23	30	28	24	26	32	35	38	41
20	41	34	28	24	30	29	24	26	32	35	38	41
21	41	34	29	24	30	29	24	26	32	35	38	41
22	42	---	29	24	30	29	24	26	32	36	38	41
23	41	34	29	25	30	29	23	27	33	36	38	41
24	40	34	29	25	30	29	23	27	33	36	39	41
25	40	28	29	25	30	28	22	27	33	36	39	41
26	39	26	30	25	30	28	22	27	33	36	39	41
27	39	28	30	26	31	25	21	28	33	36	39	41
28	39	29	29	26	31	22	22	28	34	36	39	41
29	38	29	30	26	---	23	22	28	34	36	39	41
30	38	30	30	27	---	25	23	28	33	36	39	41
31	38	---	30	27	---	26	---	28	---	36	39	---
MEAN	40	---	29	28	29	28	24	25	31	35	38	40
MAX	42	---	32	33	31	29	26	28	34	36	40	41
MIN	38	---	24	23	27	22	21	23	29	33	36	39

SPOKANE RIVER BASIN

12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	3	<1	1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	72	3	28	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	50	3	6	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	3	1	2	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
18	<1	<1	<1	---	---	---	<1	<1	<1	15	<1	4
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	16	5	10
20	<1	<1	<1	---	---	---	<1	<1	<1	5	2	3
21	<1	<1	<1	---	---	---	<1	<1	<1	3	1	2
22	<1	<1	<1	---	---	---	<1	<1	<1	2	1	1
23	<1	<1	<1	---	---	---	<1	<1	<1	1	<1	1
24	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
25	1	<1	<1	24	1	9	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	7	1	2	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	1	<1	<1	<1	<1	<1	1	<1	<1
28	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
31	<1	<1	<1	---	---	---	<1	<1	<1	<1	<1	<1
MAX	1	1	1	---	---	---	72	3	28	16	5	10
MIN	1	1	1	---	---	---	1	1	1	1	1	1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
17	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
18	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
19	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
21	<1	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	71	<1	10	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	72	12	38	<1	<1	<1	<1	<1	<1
29	---	---	---	12	3	5	<1	<1	<1	<1	<1	<1
30	---	---	---	3	2	2	<1	<1	<1	<1	<1	<1
31	---	---	---	2	1	1	---	---	---	<1	<1	<1
MAX	1	1	1	72	12	38	1	1	1	2	1	1
MIN	1	1	1	1	1	1	1	1	1	1	1	1

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	<1	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	<1
6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<1	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	1
13	<1	<1	<1	<1	<1	<1	<1	<1	<1	12	<1	2
14	<1	<1	<1	<1	<1	<1	<1	<1	<1	16	<1	<1
15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
16	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
17	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
18	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
19	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
21	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
26	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
27	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
28	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
29	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
31	---	---	---	<1	<1	<1	<1	<1	<1	---	---	---
MAX	3	1	1	1	1	1	1	1	1	16	1	2
MIN	1	1	1	1	1	1	1	1	1	1	1	1

< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413470 SOUTH FORK COEUR D'ALENE RIVER NEAR PINEHURST, ID

LOCATION.--Lat 47°33'07", long 116°14'11"(revised), (NAD83), in SW¹/₄SE¹/₄NW¹/₄ sec.32, T.49 N., R.2 E., Shoshone County, Kellogg West quad., Hydrologic Unit 17010302, on right bank, 130 ft upstream from abandoned Union Pacific Railroad bridge, 0.75 mi downstream from Pine Creek, 1.0 mi north of Pinehurst, 1.0 mi upstream from Bear Creek, 1.0 mi southeast of Enaville and at mile 1.4.

DRAINAGE AREA.--299 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1987 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,700 ft³/s Feb. 9, 1996, gage height, 17.43 ft, from rating curve extended above 6,000 ft³/s on basis of contracted opening and flow-over-road measurement of peak flow; minimum, 45 ft³/s Jan. 4, 1988, gage height, 7.19 ft and Oct. 27, 1998, gage height, 6.80 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges above a base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 11	1815	*2,790	*11.09	Mar. 28	0745	2,750	11.05

Minimum daily, 84 ft³/s Sept. 28.

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	156	208	391	304	586	247	898	715	492	211	123	100
2	151	225	357	287	555	242	867	676	527	204	122	98
3	148	374	334	270	530	238	840	666	489	202	120	99
4	146	354	319	251	528	236	815	662	453	195	119	98
5	144	322	311	220	530	232	751	666	438	189	117	98
6	144	298	298	244	491	231	711	723	416	180	116	96
7	144	278	290	253	464	233	738	829	395	178	115	92
8	142	263	338	243	437	237	998	831	375	174	115	93
9	153	248	379	234	411	244	1030	817	352	187	113	93
10	153	240	530	226	391	258	894	876	336	184	111	95
11	142	234	2000	221	379	260	824	832	323	179	111	97
12	140	227	2020	219	376	271	775	776	312	173	113	99
13	134	220	1270	211	394	273	735	735	296	168	122	100
14	131	211	982	180	362	272	715	727	294	163	114	96
15	128	209	910	152	339	270	665	725	285	161	111	93
16	136	210	860	198	317	274	647	779	273	166	110	93
17	150	204	798	220	309	303	756	855	348	168	112	94
18	207	204	723	830	305	287	814	800	324	157	114	94
19	201	206	672	1890	304	278	824	758	289	153	111	91
20	181	197	625	1670	303	351	793	719	274	147	109	90
21	214	192	578	1420	291	379	762	698	263	146	106	89
22	264	192	535	1260	277	356	755	686	250	144	105	88
23	278	189	484	1120	269	353	814	655	248	144	107	88
24	282	256	454	1010	264	336	908	630	238	141	106	88
25	273	1170	436	926	260	323	1060	598	231	139	104	88
26	258	1220	417	855	256	321	1110	567	224	138	103	87
27	242	781	388	795	250	976	1170	552	232	137	102	85
28	232	599	359	739	246	2480	1050	542	236	129	101	84
29	223	496	346	693	---	1690	892	530	237	127	101	91
30	221	442	338	652	---	1260	787	512	217	125	103	173
31	219	---	325	617	---	990	---	493	---	124	101	---
TOTAL	5737	10469	19067	18410	10424	14701	25398	21630	9667	5033	3437	2870
MEAN	185	349	615	594	372	474	847	698	322	162	111	95.7
MAX	282	1220	2020	1890	586	2480	1170	876	527	211	123	173
MIN	128	189	290	152	246	231	647	493	217	124	101	84
AC-FT	11380	20770	37820	36520	20680	29160	50380	42900	19170	9980	6820	5690

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

MEAN	124	274	372	411	574	680	1182	1281	749	261	145	115
MAX	252	977	1544	963	2104	1137	1878	2839	1718	503	199	190
(WY)	1996	1996	1996	1997	1996	1997	2000	1997	2002	1999	1999	2004
MIN	78.8	83.1	87.4	90.5	97.5	255	444	651	256	131	82.8	75.4
(WY)	1988	1988	2001	2001	2001	2001	2001	1992	1992	1994	1994	2001

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1987 - 2005
ANNUAL TOTAL	164949	146843	
ANNUAL MEAN	451	402	513
HIGHEST ANNUAL MEAN			846
LOWEST ANNUAL MEAN			232
HIGHEST DAILY MEAN	2020	2480	9000
LOWEST DAILY MEAN	85	84	58
ANNUAL SEVEN-DAY MINIMUM	119	87	67
ANNUAL RUNOFF (AC-FT)	327200	291300	371600
10 PERCENT EXCEEDS	956	831	1220
50 PERCENT EXCEEDS	299	271	264
90 PERCENT EXCEEDS	142	105	98

SPOKANE RIVER BASIN

12413470 SOUTH FORK COEUR D'ALENE RIVER NEAR PINEHURST, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September 1998, March 1999 to September 2005 (discontinued).

SPECIFIC CONDUCTANCE: March 1999 to September 2005 (discontinued).

TURBIDITY: October 2000 to September 2005 (discontinued).

INSTRUMENTATION.--Water quality data logger, temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 23.7 °C July 27, 1998; minimum, 0.2 °C Jan. 15, 2005.

SPECIFIC CONDUCTANCE: Maximum daily mean, 415 microsiemens/cm Sept. 28, 2004;

minimum daily mean, 47 microsiemens/cm May 25, 1999.

TURBIDITY: Maximum recorded, >1,000 FNU on many days; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 21.7 °C July 31, Aug. 9; minimum, 0.2 °C Jan. 15.

SPECIFIC CONDUCTANCE: Maximum daily mean, 283 microsiemens/cm Sept. 23;

minimum daily mean, 61 microsiemens/cm Mar. 28.

TURBIDITY: Maximum recorded >1,000 FNU Jan. 21, 22, 25, Feb. 4; minimum recorded, <1 FNU on many days during the year.

REMARKS.-- Turbidity data collected prior to 2001 water year not published.

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat unfltrd, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	
OCT	13...	1410	133	218	7.0	17.0	11.8	95	25.3	7.78	.068	.215	--	.011
DEC	12...	1330	1890	64	7.0	5.0	4.1	26	6.80	2.20	.025	.117	--	.009
FEB	24...	1435	268	156	7.0	10.0	5.3	66	17.6	5.31	.085	.117	--	.015
MAR	29...	1223	1620	75	7.4	3.0	4.3	29	7.59	2.39	.035	.099	.006	.008
MAY	17...	1430	860	93	7.3	13.0	8.7	38	10.3	2.94	.040	.039	--	.016
JUN	21...	1500	277	158	7.3	36.0	18.1	67	18.3	5.27	.086	.085	--	.023
AUG	10...	1500	114	205	7.3	33.0	19.7	97	27.1	7.12	.063	.266	--	<.004

Date	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unfltrd, by analysis, mg/L (62855)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd, recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd, recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd, recoverable, ug/L (01092)	Suspended sediment concentration, mg/L (80154)	
OCT	13...	.018	.31	7.58	7.43	56	110	3.29	6.4	576	526	1020	1050	2
DEC	12...	.025	.21	2.62	3.03	9	447	.89	36.7	80.3	138	377	408	17
FEB	24...	.020	.24	4.50	4.70	64	108	3.15	6.2	177	177	751	755	1
MAR	29...	.026	.22	3.25	3.23	14	325	1.36	22.0	48.2	78.6	441	378	14
MAY	17...	.018	.14	2.44	2.72	37	126	2.58	13.2	75.9	75.4	445	394	7
JUN	21...	.031	.23	4.60	4.55	72	106	3.32	6.2	179	158	645	592	.0
AUG	10...	.045	.43	5.03	4.95	95	153	4.18	6.4	178	160	662	680	2

< Less than.

SPOKANE RIVER BASIN

12413470 SOUTH FORK COEUR D'ALENE RIVER NEAR PINEHURST, ID--Continued

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

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.9	10.6	7.0	5.5	5.3	4.3	3.5	2.2	5.2	3.7	7.0	4.3				
2	14.4	10.6	8.0	6.9	5.2	4.8	3.4	2.0	5.9	3.5	7.0	3.2				
3	14.3	10.3	9.1	7.0	5.7	4.8	3.1	1.7	5.2	2.8	8.1	3.6				
4	14.2	10.3	7.9	6.5	5.3	4.5	2.1	0.9	4.8	3.6	7.7	3.3				
5	14.1	10.2	8.1	6.2	5.0	4.4	1.7	0.9	4.7	3.4	7.5	3.1				
6	12.2	10.5	8.0	6.2	5.2	4.3	2.1	1.2	4.3	2.4	7.7	3.6				
7	14.5	11.1	9.6	7.4	4.7	3.9	2.8	1.5	3.6	1.5	8.0	5.0				
8	14.0	9.8	8.2	6.7	5.3	4.7	3.2	1.4	4.1	2.3	9.3	5.0				
9	12.5	10.9	8.1	6.3	5.6	4.7	2.5	1.4	4.3	2.2	7.9	5.0				
10	13.1	10.4	9.0	6.9	6.1	5.4	2.9	2.1	4.5	1.6	9.2	5.6				
11	12.2	9.2	8.1	6.4	6.0	4.4	2.5	1.9	4.4	1.3	8.9	3.9				
12	13.2	9.7	6.8	5.9	4.4	3.6	2.7	1.8	5.0	2.7	7.7	5.0				
13	12.9	9.7	6.6	5.8	4.6	3.4	2.8	1.8	4.7	3.2	7.8	3.2				
14	13.1	9.8	7.4	6.2	5.3	4.5	1.8	0.3	4.4	2.3	7.7	2.9				
15	12.1	10.5	7.0	5.5	5.5	5.2	1.1	0.2	3.8	1.3	7.5	3.2				
16	11.8	11.2	7.8	7.0	5.2	4.7	1.2	0.5	4.1	0.8	5.3	3.9				
17	11.4	10.6	8.0	7.1	5.5	4.7	2.2	1.2	4.4	0.7	5.2	3.1				
18	11.0	9.5	7.1	6.3	5.5	4.8	2.7	1.7	4.4	0.8	5.5	3.2				
19	10.7	8.7	6.6	5.9	5.5	4.7	4.4	2.7	4.5	1.8	7.0	3.5				
20	10.8	9.3	6.9	5.3	4.9	3.8	4.5	3.8	4.4	2.2	7.1	4.7				
21	10.3	9.4	6.2	5.1	4.2	3.6	5.3	4.3	4.9	1.2	7.1	4.2				
22	9.3	8.3	6.3	5.5	4.4	2.6	4.9	3.9	4.9	1.0	5.7	2.9				
23	9.2	8.1	6.8	6.2	2.9	1.9	5.9	4.2	5.3	1.3	6.4	3.4				
24	8.3	7.4	6.7	6.5	3.7	2.7	4.9	3.6	5.9	1.7	6.0	2.4				
25	9.4	7.4	6.7	5.7	4.6	3.7	4.9	3.2	6.1	1.8	5.4	3.7				
26	8.9	6.0	5.8	4.5	4.6	3.4	5.2	3.6	6.2	1.9	5.1	3.4				
27	9.5	6.5	5.2	4.1	4.0	2.6	4.9	4.3	6.6	2.1	4.9	4.4				
28	8.3	7.2	5.3	4.1	3.5	2.2	5.3	4.3	5.6	2.2	5.6	4.4				
29	8.1	7.0	5.2	4.1	4.3	2.4	5.1	4.1	---	---	4.7	4.0				
30	8.7	7.7	4.9	4.0	4.9	3.6	5.3	4.6	---	---	5.6	3.5				
31	7.7	6.4	---	---	4.2	3.4	5.2	4.4	---	---	7.4	3.5				
MONTH	14.9	6.0	9.6	4.0	6.1	1.9	5.9	0.2	6.6	0.7	9.3	2.4				
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER					
1	5.6	4.4	11.3	4.9	11.1	9.6	19.0	12.8	19.4	15.5	18.0	11.6				
2	6.8	4.3	11.6	5.6	9.6	8.9	16.2	12.6	20.6	14.7	16.7	12.8				
3	6.5	4.6	9.8	7.3	10.8	8.7	18.5	11.5	20.7	13.4	17.8	13.1				
4	6.8	4.6	9.1	6.5	15.5	8.6	18.9	11.8	20.9	13.6	17.4	12.9				
5	7.4	4.3	10.9	6.5	11.9	8.8	19.8	12.6	21.2	14.1	17.3	11.9				
6	8.9	4.2	9.6	8.1	13.3	7.6	17.6	14.0	21.4	14.5	17.3	11.6				
7	8.5	5.2	8.7	7.3	10.9	8.4	19.5	13.0	21.0	14.5	17.9	12.2				
8	7.2	5.5	10.6	6.8	13.2	8.1	19.9	13.0	21.3	14.4	17.7	12.0				
9	6.5	4.4	10.2	7.5	14.0	8.5	16.7	13.8	21.7	14.8	15.5	12.7				
10	8.8	4.4	9.0	7.7	14.4	9.0	15.0	12.7	21.0	14.6	14.8	11.3				
11	7.5	4.7	12.3	6.4	14.3	9.6	19.0	12.4	20.7	14.2	13.4	11.2				
12	6.4	4.8	12.6	6.5	13.0	9.6	20.6	13.6	18.1	13.7	12.3	10.8				
13	6.8	4.5	13.1	7.3	11.6	8.0	20.2	14.3	19.3	12.3	16.1	11.4				
14	7.2	4.5	9.9	7.9	10.9	8.4	20.1	13.0	19.3	12.6	15.1	10.9				
15	8.6	3.7	11.0	7.8	14.6	9.2	20.2	13.6	19.7	13.1	15.8	11.2				
16	10.1	5.5	9.8	8.3	16.2	9.9	17.5	14.8	20.1	13.6	14.4	11.1				
17	8.4	6.3	10.2	7.5	13.4	10.5	20.5	12.8	17.5	14.3	13.6	11.1				
18	8.3	5.0	9.5	6.8	13.9	9.3	21.0	13.9	19.7	13.7	14.5	10.9				
19	8.6	5.2	11.5	7.5	17.4	10.0	20.8	14.1	19.1	12.7	15.3	10.3				
20	10.0	5.0	9.1	7.3	18.0	10.7	20.6	13.7	19.9	12.8	14.9	10.2				
21	9.8	5.6	11.4	7.2	19.6	11.8	21.6	13.7	20.8	13.9	14.7	9.8				
22	11.5	6.1	10.8	8.1	19.3	13.1	18.6	15.2	18.4	14.9	14.0	10.5				
23	9.7	6.1	11.7	6.8	18.7	12.5	21.2	14.3	17.2	13.7	14.0	10.3				
24	11.4	6.5	11.4	6.5	17.1	11.6	20.2	13.7	18.3	12.8	13.9	9.1				
25	11.7	6.0	13.8	6.9	16.1	12.0	20.3	13.3	18.7	12.3	13.8	8.8				
26	12.0	6.0	14.7	7.6	16.8	11.5	20.3	13.3	18.9	12.4	14.4	9.3				
27	9.5	5.9	15.4	8.2	13.9	12.1	20.9	13.4	19.2	12.9	14.2	9.7				
28	8.7	4.1	16.1	8.9	14.1	11.6	20.5	14.1	19.4	12.9	13.8	9.1				
29	9.4	4.0	16.1	9.8	---	---	20.9	14.4	17.1	13.4	12.4	11.0				
30	9.5	4.6	15.9	9.1	---	---	21.6	14.2	15.8	11.5	13.1	12.1				
31	---	---	13.0	10.1	---	---	21.7	14.7	17.4	11.0	---	---				
MONTH	12.0	3.7	16.1	4.9	---	---	21.7	11.5	21.7	11.0	18.0	8.8				

SPOKANE RIVER BASIN

12413470 SOUTH FORK COEUR D'ALENE RIVER NEAR PINEHURST, ID--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	209	194	131	145	111	164	101	96	122	176	229	219
2	217	197	140	154	114	164	97	100	121	182	230	220
3	219	156	144	159	117	166	96	101	124	183	231	254
4	217	156	151	166	119	161	98	95	128	185	231	258
5	223	160	156	169	119	148	104	94	129	188	234	263
6	227	152	160	153	123	147	106	92	132	192	237	250
7	225	152	163	152	129	151	106	88	132	194	236	199
8	224	154	161	160	123	156	90	87	137	195	234	225
9	225	154	147	164	115	155	87	88	141	191	238	260
10	213	169	143	168	116	154	92	84	132	189	241	258
11	220	173	79	176	120	153	95	82	143	194	245	255
12	223	177	70	169	125	154	98	90	134	202	245	275
13	226	183	83	168	127	156	103	92	123	203	207	262
14	224	185	89	188	132	152	106	94	147	203	208	275
15	225	187	94	208	137	153	107	94	154	201	211	258
16	229	187	94	186	141	154	105	90	160	204	231	266
17	212	204	97	180	143	150	99	86	151	198	233	268
18	199	190	106	135	145	154	95	88	151	194	223	270
19	206	181	112	65	144	155	93	90	160	206	236	274
20	216	166	117	70	145	145	94	94	163	182	243	282
21	208	167	123	76	147	137	93	96	167	195	246	276
22	188	172	128	77	150	141	95	99	181	187	238	281
23	167	174	134	81	151	141	92	102	183	199	240	283
24	160	166	137	82	153	143	86	106	168	204	236	281
25	158	100	134	84	154	147	79	109	157	207	238	280
26	162	88	128	89	156	148	76	113	155	211	242	281
27	173	106	141	93	156	103	74	114	175	216	253	256
28	175	114	150	97	158	61	78	118	163	219	259	228
29	185	127	144	102	---	75	84	119	---	222	250	268
30	189	142	142	106	---	88	91	119	---	225	248	243
31	189	---	140	108	---	98	---	114	---	225	218	---
MEAN	204	161	127	133	135	141	94	98	---	199	235	259
MAX	229	204	163	208	158	166	107	119	---	225	259	283
MIN	158	88	70	65	111	61	74	82	---	176	207	199

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1
2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	<1	<1	<1	59	<1	4	<1	<1	<1	<1	<1	<1
4	<1	<1	<1	640	<1	8	20	<1	<1	1	<1	<1
5	<1	<1	<1	590	<1	28	230	<1	<1	1	<1	<1
6	<1	<1	<1	150	1	15	<1	<1	<1	1	<1	<1
7	<1	<1	<1	11	<1	<1	<1	<1	<1	1	<1	<1
8	2	<1	<1	7	<1	<1	<1	<1	<1	1	<1	<1
9	<1	<1	<1	8	<1	1	<1	<1	<1	1	<1	<1
10	<1	<1	<1	15	<1	<1	1	<1	<1	1	<1	<1
11	<1	<1	<1	8	<1	<1	48	<1	20	1	<1	<1
12	<1	<1	<1	20	<1	<1	190	<1	<1	1	<1	<1
13	<1	<1	<1	45	<1	<1	<1	<1	<1	1	<1	<1
14	24	<1	<1	44	<1	<1	<1	<1	<1	1	<1	1
15	2	<1	<1	11	<1	<1	<1	<1	<1	2	<1	1
16	3	<1	2	7	<1	<1	<1	<1	<1	2	1	1
17	8	1	7	6	<1	<1	1	<1	<1	2	1	2
18	7	<1	2	<1	<1	<1	1	<1	<1	910	2	14
19	1	<1	<1	4	<1	<1	<1	<1	<1	270	10	22
20	1	<1	<1	5	<1	<1	54	<1	<1	680	4	7
21	160	<1	<1	68	<1	<1	20	<1	<1	>1000	<1	4
22	9	<1	1	10	<1	<1	140	<1	<1	>1000	2	2
23	41	<1	5	8	<1	<1	2	<1	<1	4	1	2
24	5	<1	<1	9	<1	<1	1	<1	<1	100	<1	1
25	14	<1	1	32	<1	15	<1	<1	<1	>1000	<1	<1
26	4	<1	<1	9	<1	<1	<1	<1	<1	130	<1	<1
27	30	<1	<1	<1	<1	<1	<1	<1	<1	140	<1	<1
28	130	<1	<1	31	<1	<1	<1	<1	<1	62	<1	1
29	7	<1	<1	<1	<1	<1	<1	<1	<1	78	<1	<1
30	4	1	<1	<1	<1	<1	<1	<1	<1	88	<1	<1
31	<1	<1	<1	---	---	---	1	<1	<1	22	<1	<1
MAX	160	1	7	640	1	28	230	1	20	1000	10	22
MIN	1	1	1	1	1	1	1	1	1	1	1	1

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413470 SOUTH FORK COEUR D'ALENE RIVER NEAR PINEHURST, ID--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	13	<1	<1	14	<1	<1	22	1	2	2	<1	1
2	52	<1	<1	18	<1	<1	60	1	2	98	<1	<1
3	12	<1	<1	26	<1	<1	14	1	1	1	<1	<1
4	140	<1	<1	2	<1	<1	860	1	1	15	<1	1
5	84	<1	1	2	<1	<1	990	<1	1	3	2	2
6	54	<1	<1	2	<1	<1	70	<1	1	4	2	3
7	87	<1	3	2	<1	<1	34	<1	1	6	3	4
8	100	<1	3	2	<1	<1	8	1	2	7	2	3
9	>1000	<1	<1	4	<1	<1	720	1	2	11	2	3
10	8	<1	<1	2	<1	1	2	<1	1	8	3	4
11	100	<1	<1	5	<1	1	2	<1	<1	7	2	3
12	3	<1	<1	3	<1	<1	3	<1	1	7	2	2
13	52	<1	<1	2	<1	<1	2	<1	1	3	2	2
14	3	<1	<1	2	<1	<1	2	<1	1	3	2	2
15	7	<1	<1	2	<1	<1	3	<1	<1	6	2	2
16	<1	<1	<1	4	<1	1	4	<1	<1	6	2	3
17	1	<1	<1	6	1	2	5	1	2	11	3	4
18	<1	<1	<1	6	<1	2	42	1	1	6	2	3
19	7	<1	<1	10	<1	2	8	<1	1	12	2	3
20	86	<1	<1	6	1	3	3	<1	1	4	2	2
21	3	<1	<1	4	<1	2	3	<1	1	3	2	2
22	350	<1	<1	2	<1	1	4	<1	<1	7	2	2
23	260	<1	<1	2	<1	1	7	<1	1	4	2	2
24	260	<1	<1	2	<1	<1	3	1	2	3	1	2
25	14	<1	<1	1	<1	<1	5	3	4	8	1	2
26	240	<1	<1	2	<1	1	6	2	3	2	1	2
27	4	<1	<1	60	1	6	5	2	3	3	1	2
28	4	<1	<1	280	15	40	4	2	2	5	1	2
29	---	---	---	220	5	7	4	1	2	7	2	2
30	---	---	---	36	2	3	3	<1	1	6	1	2
31	---	---	---	9	1	2	---	---	---	3	1	2
MAX	1000	1	3	280	15	40	990	3	4	98	3	4
MIN	1	1	1	1	1	1	2	1	1	1	1	1

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	6	1	2	2	<1	<1	1	<1	1	2	<1	<1
2	71	2	2	3	<1	<1	4	<1	1	1	<1	<1
3	4	2	2	2	<1	<1	14	<1	<1	2	<1	<1
4	2	1	2	2	<1	<1	5	<1	<1	4	<1	<1
5	6	1	2	2	<1	<1	6	<1	<1	2	<1	<1
6	3	1	2	1	<1	<1	11	<1	<1	2	<1	<1
7	7	1	2	1	<1	<1	9	<1	<1	1	<1	<1
8	4	1	2	1	<1	<1	14	<1	<1	1	<1	<1
9	14	1	2	3	<1	1	2	<1	<1	6	<1	<1
10	4	1	2	1	<1	<1	3	<1	<1	2	<1	<1
11	3	1	2	2	<1	<1	2	<1	<1	3	<1	<1
12	10	1	2	1	<1	<1	2	<1	<1	4	<1	1
13	8	1	2	1	<1	<1	2	<1	1	2	<1	1
14	4	1	1	1	<1	<1	2	<1	<1	5	<1	<1
15	4	1	2	1	<1	<1	3	<1	<1	2	<1	1
16	7	<1	2	4	<1	<1	1	<1	<1	2	<1	1
17	12	1	6	1	<1	<1	2	<1	<1	2	<1	1
18	6	1	2	5	<1	<1	3	<1	<1	4	<1	<1
19	6	<1	1	2	<1	<1	8	<1	<1	2	<1	<1
20	3	<1	1	2	<1	<1	1	<1	<1	4	<1	<1
21	4	<1	1	2	<1	<1	2	<1	<1	2	<1	<1
22	1	<1	1	1	<1	<1	1	<1	<1	2	<1	<1
23	2	<1	1	3	<1	1	2	<1	<1	1	<1	<1
24	10	<1	1	1	<1	<1	2	<1	<1	2	<1	<1
25	300	<1	1	15	<1	<1	1	<1	<1	1	<1	<1
26	2	<1	1	2	<1	<1	4	<1	<1	3	<1	1
27	2	<1	1	4	<1	<1	7	<1	<1	4	<1	1
28	3	<1	1	3	<1	<1	2	<1	<1	2	<1	<1
29	---	---	---	8	<1	<1	1	<1	<1	4	<1	1
30	---	---	---	8	<1	<1	1	<1	<1	44	1	3
31	---	---	---	3	<1	1	1	<1	<1	---	---	---
MAX	---	---	---	15	1	1	14	1	1	44	1	3
MIN	---	---	---	1	1	1	1	1	1	1	1	1

> Actual value is known to be greater than the value shown
 < Actual value is known to be less than the value shown

SPOKANE RIVER BASIN

12413500 COEUR D'ALENE RIVER AT CATALDO, ID

LOCATION.--Lat 47°33'18", long 116°19'28"(revised), (NAD83), in NW¹/₄SE¹/₄NW¹/₄ sec.34, T.49 N., R.1 E., Kootenai County, Cataldo quad., Hydrologic Unit 17010303, Cataldo quadrangle, on left bank at Cataldo, downstream side of abandoned railroad bridge, 0.9 mi upstream from Interstate Highway 90, 1.5 mi downstream from old gage site, 3.4 mi upstream from Latour Creek, about 2 mi upstream from Coeur d'Alene Lake backwater, 4.9 mi downstream from South Fork, and at mile 162.9.

DRAINAGE AREA.--1,223 mi², approximately.

PERIOD OF RECORD.--April 1911 to December 1912, July 1920 to September 1972, October 1986 to current year.

Miscellaneous measurements made at this site 1972-80, published as 12413600.

REVISED RECORDS.--WSP 1396: WSP 1736: 1934 M.

GAGE.--Water-stage recorder. Gage readings have been reduced to datum of gage at 2,100.00 ft above NGVD of 1929. National Geodetic Survey adjustment in 1991 found datum to be 3.67 ft higher. Apr. 25, 1911 to Dec. 31, 1912, nonrecording gage at site 1.4 mi upstream at different datum. July 29, 1920 to Oct. 10, 1925, nonrecording gage, Oct. 11, 1925 to Sept. 30, 1972, recording gage at site 1.5 mi upstream at datum 2.84 ft lower and Aug. 22, 1986 to Feb. 3, 1997 at site 50 ft upstream at same datum.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,000 ft³/s Feb. 9, 1996, gage height, 51.62 ft, from rating curve extended above 30,000 ft³/s, on basis of runoff comparisons with upstream stations; maximum gage height, 56.90 ft, datum then in use, Dec. 22 or 23, 1933, (from floodmark); minimum discharge, 122 ft³/s Dec. 4, 1929; minimum gage height, 32.89 ft, Oct. 1-7, 1994.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 16, 1974 reached a discharge of 79,000 ft³/s, by indirect computation.

EXTREMES FOR CURRENT YEAR.--Peak discharges above a base discharge of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 26	0015	13,500	40.81	Mar. 28	2015	13,300	40.76
Dec. 12	0800	*20,200	*42.73				

Minimum daily, 309 ft³/s Sept. 28.

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	493	837	2450	1610	3190	1210	5280	2760	1520	856	443	346
2	480	851	2130	1520	2970	1210	5110	2500	1600	815	442	342
3	469	2070	1920	1440	2790	1180	4970	2370	1600	799	433	340
4	458	2760	1790	1360	2700	1160	4800	2310	1490	776	427	336
5	450	2280	1710	1160	2750	1150	4460	2270	1430	742	425	333
6	445	1880	1630	1200	2560	1140	4120	2340	1410	723	420	329
7	455	1600	1550	1360	2420	1140	4080	2650	1360	709	413	324
8	448	1410	1570	1350	2290	1160	5150	2660	1320	690	409	321
9	465	1280	1720	1290	2160	1180	6320	2560	1270	712	403	321
10	538	1180	2550	1210	2050	1230	5590	2620	1230	770	397	324
11	516	1100	10400	1180	1970	1250	4860	2500	1200	770	392	331
12	484	1040	18500	1190	1940	1270	4440	2310	1160	715	397	346
13	461	994	11500	1160	1970	1280	4040	2160	1140	668	432	371
14	447	949	7620	e1000	1850	1270	3790	2090	1110	644	413	375
15	438	911	6420	e750	1730	1260	3460	2080	1110	621	400	360
16	439	927	5720	812	1600	1250	3250	2190	1080	616	393	348
17	492	957	5210	1070	1530	1350	3670	2510	1170	645	393	342
18	718	932	4580	2740	1520	1310	4230	2490	1340	612	415	341
19	1010	1010	4070	8150	1530	1280	4450	2380	1240	590	418	335
20	992	1000	3680	9430	1530	1370	4230	2240	1150	569	405	329
21	981	971	3270	8630	1450	1550	3960	2220	1090	551	390	324
22	1230	960	2920	7780	1370	1510	3810	2190	1030	540	382	320
23	1570	943	2600	7090	1340	1470	3940	2150	1000	538	381	317
24	1550	1210	2390	6330	1320	1420	4260	2050	977	528	377	315
25	1390	7120	2260	5770	1290	1370	4670	1970	938	511	375	314
26	1240	11600	2170	5200	1270	1340	4690	1870	914	498	369	313
27	1120	6970	2030	4680	1250	2470	4570	1790	909	490	361	312
28	1020	4700	1890	4230	1220	10800	4210	1740	949	481	353	309
29	939	3520	1790	3860	---	11600	3600	1680	961	473	347	321
30	890	2900	1760	3590	---	8480	3110	1610	911	462	351	485
31	884	---	1700	3350	---	6310	---	1550	---	449	349	---
TOTAL	23512	66862	121500	101492	53560	72970	131120	68810	35609	19563	12305	10124
MEAN	758	2229	3919	3274	1913	2354	4371	2220	1187	631	397	337
MAX	1570	11600	18500	9430	3190	11600	6320	2760	1600	856	443	485
MIN	438	837	1550	750	1220	1140	3110	1550	909	449	347	309
AC-FT	46640	132600	241000	201300	106200	144700	260100	136500	70630	38800	24410	20080
CFSM	0.62	1.82	3.20	2.68	1.56	1.92	3.57	1.81	0.97	0.52	0.32	0.28
IN.	0.72	2.03	3.70	3.09	1.63	2.22	3.99	2.09	1.08	0.60	0.37	0.31

SPOKANE RIVER BASIN
12413500 COEUR D'ALENE RIVER AT CATALDO, ID--Continued

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	563	1325	1969	1868	2568	3346	7229	6835	2675	900	481	416
MAX	1984	6529	13230	8323	10430	10340	12570	13690	6769	1906	898	839
(WY)	1928	1928	1934	1934	1996	1972	1943	1997	1933	1950	1948	1927
MIN	276	238	276	241	276	810	2489	1895	768	404	273	260
(WY)	1945	1930	1931	1930	1929	1955	1941	1992	1926	1926	1940	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1911 - 2005	
ANNUAL TOTAL	837224		717427			
ANNUAL MEAN	2287		1966		2509	
HIGHEST ANNUAL MEAN					4057	
LOWEST ANNUAL MEAN					1043	
HIGHEST DAILY MEAN	18500	Dec 12	18500	Dec 12	56000	Feb 9 1996
LOWEST DAILY MEAN	340	Jan 6	309	Sep 28	141	Dec 5 1929
ANNUAL SEVEN-DAY MINIMUM	412	Aug 16	314	Sep 22	176	Jan 16 1930
ANNUAL RUNOFF (AC-FT)	1661000		1423000		1818000	
ANNUAL RUNOFF (CFSM)	1.87		1.61		2.05	
ANNUAL RUNOFF (INCHES)	25.47		21.82		27.87	
10 PERCENT EXCEEDS	5400		4500		6770	
50 PERCENT EXCEEDS	1280		1270		1110	
90 PERCENT EXCEEDS	485		376		348	

e Estimated

SPOKANE RIVER BASIN

12413860 COEUR D'ALENE RIVER NEAR HARRISON, ID

LOCATION.--Lat 47°28'43", long 116°43'59", (NAD83), in NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.28, T.48 N., R.3 W., Kootenai County, Black Lake quad., Hydrologic Unit 17010303, on left bank on downstream side of Springston Bridge, 2.5 mi upstream from Coeur d'Alene Lake, 3.0 mi northeast of Harrison, and at mile 134.6.

DRAINAGE AREA.--1,475 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1991 to current year (gage heights and discharge measurements only 1991-2003, water-discharge record began March 2004).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 2,100.00 ft above NGVD of 1929. Gage heights have been reduced to that datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. Elevations affected by backwater from Coeur d'Alene Lake. Add 2,100 ft to gage heights to obtain elevations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,600 ft³/s Dec. 13, 2004, gage height, 24.43 ft; maximum gage height, 33.59 ft, May 18, 19, 1997; minimum daily discharge, 336 ft³/s Sept. 28, 29, 2005; minimum gage height, 17.99 ft, Jan. 9, 10, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11,600 ft³/s Dec. 13, gage height, 24.43 ft; maximum gage height, 25.23 ft, June 16, 17, 18; minimum daily, 336 ft³/s Sept. 28, 29.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e520	e1050	e2740	2100	4030	1490	5940	3290	1860	e915	e477	e369
2	e515	e1090	e2450	1890	3820	1410	5650	3030	1900	e880	e474	e367
3	e510	e1940	e2200	1760	3630	1380	5540	2950	1910	e864	e467	e359
4	e504	e2490	e2040	1720	3410	1380	5560	2860	1750	e835	e461	e357
5	e495	e2230	e1950	1390	3510	1370	5490	2790	1850	e804	e452	e353
6	e488	e1950	e1850	1400	3330	1290	5260	2680	1660	e782	e449	e353
7	e490	e1840	e1780	1570	3140	1300	5100	2870	1670	e761	e446	e346
8	e502	e1750	e1720	1330	2980	1280	5340	2910	1490	e733	e443	e344
9	e520	1680	e1750	1370	2850	1330	6090	2960	e1340	e726	e433	e344
10	e584	1560	e2070	1280	2700	1430	6310	2910	e1290	e764	e427	e353
11	650	1490	e5660	1190	2560	1390	5980	2970	e1260	e803	e416	e361
12	529	1440	e10500	1160	2450	1470	5560	2870	e1220	e786	e424	e375
13	e508	1430	10800	1380	2510	1450	5200	2700	e1190	e726	e424	e402
14	e497	1390	9080	1030	2410	1420	4910	2630	e1160	e692	e443	397
15	e492	1360	7780	792	2240	1390	4550	2610	1140	e673	e427	e405
16	e497	1340	7070	775	2070	1340	4160	2720	1120	e661	e421	e386
17	e600	1400	6530	738	1970	1500	4160	2740	1350	e645	e424	e375
18	e827	1360	6080	1940	1910	1550	4340	2970	1430	e658	e418	e372
19	e1070	1420	5560	5980	1920	1520	4560	2870	1410	e636	e428	e369
20	e1060	1440	5170	7800	1900	1620	4590	2930	1270	e614	e432	e361
21	e1100	1390	4680	7720	1790	1670	4410	2850	1170	e589	e414	e358
22	e1350	1410	4190	7420	1700	1770	4170	2810	e1110	e577	e404	e353
23	1710	1330	3850	7030	1600	1810	4260	2640	e1080	e573	e399	e353
24	1820	1490	3550	6700	1590	1570	4500	2570	e1040	e570	e395	e347
25	1710	4120	3330	6280	1550	1450	4640	2300	e1000	e558	e397	e350
26	1540	7680	3050	5820	1520	1470	4740	2130	e979	e542	e391	e345
27	1440	6140	2830	5440	1480	2080	4760	1910	e960	e533	e383	e347
28	e1340	e4790	2570	5040	1490	6730	4410	1870	e954	e524	e371	e336
29	e1210	e3810	2380	4700	---	8850	3990	1880	e1010	e508	e367	e336
30	e1140	e3180	2310	4380	---	8160	3580	1810	e1000	e499	e373	647
31	e1100	---	2200	4170	---	6840	---	1790	---	e489	e369	---
TOTAL	27318	66990	129720	103295	68060	70710	147750	81820	39573	20920	13049	11120
MEAN	881	2233	4185	3332	2431	2281	4925	2639	1319	675	421	371
MAX	1820	7680	10800	7800	4030	8850	6310	3290	1910	915	477	647
MIN	488	1050	1720	738	1480	1280	3580	1790	954	489	367	336
AC-FT	54190	132900	257300	204900	135000	140300	293100	162300	78490	41490	25880	22060

WTR YR 2005 TOTAL 780325 MEAN 2138 MAX 10800 MIN 336 AC-FT 1548000

e Estimated

SPOKANE RIVER BASIN

12413860 COEUR D'ALENE RIVER NEAR HARRISON, ID--Continued

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005											
	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.55	---	23.22	21.33	22.99	19.92	24.28	24.41	25.13	25.17	25.13	24.99
2	24.47	---	23.16	21.19	22.83	19.87	24.43	24.41	25.15	25.15	25.13	24.98
3	24.39	---	23.09	21.04	22.66	19.83	24.52	24.39	25.16	25.12	25.13	24.97
4	24.28	---	23.00	20.89	22.52	19.78	24.56	24.39	25.12	25.11	25.12	24.96
5	24.17	---	22.90	20.72	22.39	19.73	24.52	24.39	25.08	25.11	25.12	24.94
6	24.06	---	22.80	20.56	22.24	19.68	24.41	24.42	25.04	25.11	25.12	24.93
7	23.97	---	22.70	20.49	22.09	19.64	24.29	24.50	25.02	25.09	25.12	24.92
8	23.87	---	22.65	20.45	21.95	19.60	24.21	24.61	25.00	25.10	25.12	24.91
9	23.79	22.54	22.59	20.36	21.81	19.58	24.23	24.66	24.99	25.13	25.11	24.90
10	23.69	22.50	22.62	20.26	21.67	19.60	24.21	24.80	25.02	25.15	25.11	24.88
11	23.59	22.44	23.03	20.16	21.54	19.60	24.12	24.88	25.06	25.16	25.10	24.87
12	23.49	22.37	24.01	20.09	21.42	19.62	23.99	24.88	25.10	25.16	25.10	24.87
13	23.38	22.27	24.51	19.98	21.33	19.63	23.84	24.86	25.13	25.15	25.11	24.88
14	23.27	22.16	24.58	19.88	21.22	19.64	23.67	24.87	25.16	25.15	25.09	24.87
15	23.16	22.06	24.55	19.74	21.10	19.65	23.49	24.89	25.19	25.16	25.09	24.84
16	23.06	21.98	24.48	19.63	20.99	19.69	23.37	24.92	25.20	25.17	25.08	24.76
17	22.98	21.86	24.37	19.56	20.86	19.72	23.35	25.00	25.21	25.19	25.09	24.69
18	22.95	21.74	24.20	19.75	20.75	19.73	23.46	25.06	25.21	25.20	25.11	24.61
19	22.89	21.63	23.99	20.92	20.66	19.77	23.61	25.09	25.18	25.20	25.11	24.53
20	22.85	21.50	23.77	22.04	20.58	19.83	23.74	25.09	25.17	25.18	25.11	24.45
21	22.80	21.37	23.55	22.61	20.49	19.93	23.82	25.07	25.17	25.18	25.11	24.38
22	22.80	21.24	23.31	22.96	20.41	20.00	23.88	25.06	25.16	25.18	25.10	24.30
23	22.85	21.11	23.05	23.21	20.34	20.06	23.89	25.06	25.14	25.16	25.10	24.22
24	22.87	21.06	22.80	23.37	20.26	20.10	23.89	25.05	25.13	25.14	25.08	24.14
25	22.87	21.45	22.58	23.46	20.19	20.13	23.93	25.05	25.13	25.13	25.07	24.05
26	22.86	22.55	22.38	23.48	20.13	20.17	24.00	25.06	25.12	25.13	25.06	23.97
27	22.82	22.95	22.17	23.45	20.06	20.51	24.10	25.09	25.13	25.12	25.05	23.90
28	---	23.12	21.97	23.39	19.98	21.78	24.22	25.11	25.16	25.13	25.04	23.81
29	---	23.21	21.78	23.30	---	23.05	24.32	25.13	25.17	25.13	25.04	23.74
30	---	23.24	21.61	23.21	---	23.74	24.38	25.14	25.17	25.13	25.01	23.76
31	---	---	21.47	23.11	---	24.07	---	25.13	---	25.13	25.00	---
MEAN	---	---	23.13	21.44	21.27	20.25	24.02	24.85	25.13	25.15	25.09	24.57
MAX	---	---	24.58	23.48	22.99	24.07	24.56	25.14	25.21	25.20	25.13	24.99
MIN	---	---	21.47	19.56	19.98	19.58	23.35	24.39	24.99	25.09	25.00	23.74

SPOKANE RIVER BASIN
12413860 COEUR D' ALENE RIVER NEAR HARRISON, ID--Continued

WATER-QUALITY RECORDS

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

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	
OCT	12...	1405	657	87	7.0	18.0	13.4	38	10.1	3.21	<.010	.020	<.006	E.003
DEC	13...	1445	10900	37	6.5	4.5	3.3	14	3.58	1.35	E.007	.055	<.006	.006
FEB	08...	1000	2840	56	6.7	-3.0	2.3	24	6.11	2.23	.010	.034	E.003	.005
MAR	14...	1400	1180	75	6.5	13.0	7.2	31	7.76	2.89	.014	.024	E.004	E.004
	30...	1450	8160	42	7.9	3.5	3.5	17	4.23	1.55	E.008	.048	E.004	.005
MAY	12...	1530	2550	56	7.0	24.0	11.3	23	5.87	2.07	<.010	E.011	<.006	.005
JUN	28...	1000	738	79	7.3	15.5	18.8	32	8.06	2.83	<.010	<.016	<.006	.005
JUL	18...	1340	570	91	7.5	31.0	22.4	37	9.30	3.23	<.010	<.016	<.006	E.003
AUG	25...	1245	139	103	7.1	26.0	21.0	45	12.0	3.75	<.010	<.016	<.006	E.003

Date	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	
OCT	12...	.008	.11	1.35	1.46	75	251	4.09	18.0	40.1	65.5	240	246	2
DEC	13...	.050	.22	.52	1.79	35	3680	13.6	347	52.7	382	67.2	225	64
FEB	08...	.010	.12	.83	.92	87	225	4.12	12.7	69.7	71.1	151	157	2
MAR	14...	.012	.13	1.24	1.45	121	622	11.0	49.7	75.9	115	250	236	8
	30...	.031	.15	.67	1.11	33	1310	7.93	114	26.2	136	110	140	29
MAY	12...	.007	.08	.86	.96	130	130	3.49	8.6	38.3	43.7	179	160	4
JUN	28...	.010	.07	1.20	1.30	72	185	4.79	20.7	41.2	70.9	197	191	2
JUL	18...	.007	.07	.86	1.10	38	209	3.76	25.4	3.1	51.8	145	187	4
AUG	25...	.006	.17	.90	.98	18	81	1.73	7.8	10.6	30.9	165	189	5

< Less than.
E Estimated.

SPOKANE RIVER BASIN

12413875 ST. JOE RIVER AT RED IVES RANGER STATION, ID

LOCATION.--Lat 47°03'22", long 115°21'08", (NAD27), in NW¹/₄NW¹/₄SE¹/₄ sec.20, T.43 N., R.9 E., Shoshone County, Red Ives Peak quad., Hydrologic Unit 17010304, on left bank downstream side of U.S. Forest Service access bridge, at Red Ives Ranger Station, and at mile 103.

DRAINAGE AREA.--107 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3,710 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,280 ft³/s May 30, 2002, gage height, 5.42 ft; minimum daily, 38 ft³/s Dec. 25, 26, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,660 May 17, gage height, 3.91 ft; minimum daily, 61 ft³/s Sept. 28.

DAY	Discharge, cubic feet per second											
	WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005											
	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	126	e135	e170	239	178	324	667	816	292	124	78
2	117	135	135	e165	234	165	318	650	862	280	122	76
3	115	153	135	e155	e230	165	314	690	830	269	120	75
4	114	134	e120	e145	228	162	311	705	761	258	117	74
5	113	130	e110	e135	e225	164	292	740	739	250	114	73
6	111	131	e120	e130	e210	169	295	884	697	242	111	72
7	119	130	e130	e140	e180	175	327	1130	646	235	109	71
8	111	129	e140	e160	e180	187	395	1140	605	228	107	70
9	113	128	e160	e160	e180	199	384	1220	573	236	105	70
10	111	128	e180	e150	e170	215	375	1460	546	227	103	75
11	107	127	571	e150	e170	222	372	1330	548	217	101	74
12	106	125	475	e150	e180	231	369	1220	565	208	102	74
13	105	127	378	e150	e190	225	360	1160	512	200	102	77
14	104	126	349	e135	e180	221	354	1170	488	194	98	73
15	102	123	326	e100	e170	220	336	1190	470	189	96	70
16	117	125	304	e120	e140	220	342	1380	455	189	94	69
17	129	130	292	e130	e150	221	395	1520	489	187	95	71
18	134	129	279	e270	e160	211	386	1300	462	177	100	72
19	132	127	e270	260	e170	216	381	1230	434	170	97	68
20	126	120	e260	228	e180	251	383	1160	412	165	91	66
21	146	122	e250	235	171	236	394	1120	399	160	89	65
22	145	122	e230	236	150	227	428	1090	387	158	87	64
23	140	120	e200	241	153	223	480	1030	371	154	86	64
24	141	138	e200	245	162	214	624	958	352	149	86	65
25	130	210	e195	253	162	214	766	891	337	146	85	64
26	125	164	e190	252	164	212	861	857	326	142	83	63
27	126	e130	186	254	164	366	947	853	328	139	81	62
28	126	e130	184	252	164	512	866	873	339	136	80	61
29	127	e130	e185	250	---	409	776	896	334	133	79	63
30	140	e125	e180	247	---	360	709	865	311	129	79	138
31	139	---	e175	245	---	328	---	825	---	126	79	---
TOTAL	3790	3974	7044	5913	5056	7318	13864	32204	15394	5985	3022	2157
MEAN	122	132	227	191	181	236	462	1039	513	193	97.5	71.9
MAX	146	210	571	270	239	512	947	1520	862	292	124	138
MIN	102	120	110	100	140	162	292	650	311	126	79	61
AC-FT	7520	7880	13970	11730	10030	14520	27500	63880	30530	11870	5990	4280

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

	1998	1999	2000	2001	2002	2003	2004	2005				
MEAN	87.5	101	105	117	108	147	433	1102	936	302	123	90.4
MAX	122	157	227	191	181	236	678	1349	2028	634	166	134
(WY)	2005	1998	2005	2005	2005	2005	2000	1998	2002	1999	1999	2004
MIN	65.6	55.8	53.7	55.3	57.2	79.1	161	770	393	156	84.5	60.9
(WY)	2003	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	105215		105721			
ANNUAL MEAN	287		290		307	
HIGHEST ANNUAL MEAN					405	
LOWEST ANNUAL MEAN					169	
HIGHEST DAILY MEAN	1340	May 28	1520	May 17	3200	May 30 2002
LOWEST DAILY MEAN	40	Jan 5	61	Sep 28	38	Dec 25 2001
ANNUAL SEVEN-DAY MINIMUM	48	Jan 1	63	Sep 23	43	Dec 22 2001
ANNUAL RUNOFF (AC-FT)	208700		209700		222200	
10 PERCENT EXCEEDS	788		739		848	
50 PERCENT EXCEEDS	140		177		126	
90 PERCENT EXCEEDS	75		86		63	

e Estimated

SPOKANE RIVER BASIN
12413875 ST JOE RIVER NEAR RED IVES, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 1997 to September 2002, July to September 2003, April to September 2004, April to September 2005.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July to September 1999, June to September 2001, October 2001 to September 2002, May to September 2004, April to August 2005.

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 22.0 °C Aug. 7, 2001; minimum, 0.0 °C many days during winter months.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.8 °C Aug. 6.

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm (00095)	pH, water, field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	E coli, modif. m-TEC, col/100 mL (90902)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)
APR 21...	1130	374	39	7.4	13.5	4.3	<2.0	11.4	100	<1	<.010	<.10	<.016
MAY 11...	1100	1290	31	6.9	13.0	5.4	<2.0	11.3	102	<1	E.006	.12	.026
JUN 08...	1110	586	40	7.4	11.0	4.8	<2.0	11.3	101	<1	<.010	<.10	<.016
JUL 13...	1205	211	47	7.8	15.4	22.5	<2.0	10.5	142	S2	E.005	E.06	<.016
AUG 02...	1552	150	48	8.0	24.0	18.3	<2.0	8.1	100	S4	<.010	E.07	<.016
SEP 12...	1400	73	50	7.7	7.0	6.9	<2.0	10.4	98	<1	<.010	.14	<.016

Date	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, water, unfltrd, fixed end pt, field, mg/L (00440)	Carbonate, water, unfltrd, fixed end pt, field, mg/L (00445)	ANC, water, unfltrd, fixed end pt, field, mg/L as CaCO3 (00410)	Sulfate, water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)
APR 21...	<.006	.005	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	<.006	.017	--	--	--	--	--	--	--	--	--	--	--
JUN 08...	<.006	.006	--	--	--	--	--	--	--	--	--	--	--
JUL 13...	E.003	.009	--	--	--	--	--	--	--	--	--	--	--
AUG 02...	<.006	.010	--	--	--	--	--	--	--	--	--	--	--
SEP 12...	<.006	E.004	23	7.08	1.35	1.05	9	.68	32	.0	26	1.2	E.11

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Suspended sediment concentration, mg/L (80154)
APR 21...	--	--	1
MAY 11...	--	--	10
JUN 08...	--	--	1
JUL 13...	--	--	2
AUG 02...	--	--	2
SEP 12...	<.1	7.5	1

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

SPOKANE RIVER BASIN
12413875 ST JOE RIVER NEAR RED IVES, ID--Continued

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	7.6	2.0	7.7	5.7	16.8	10.1	20.3	14.1	---	---
2	---	---	7.1	2.6	6.2	5.2	13.8	9.3	18.5	13.2	---	---
3	---	---	7.3	4.2	5.9	5.2	14.9	7.7	19.7	10.8	---	---
4	---	---	5.4	3.1	9.4	5.1	15.8	8.4	19.8	10.5	---	---
5	---	---	7.7	3.8	8.2	4.9	17.1	9.4	20.5	11.1	---	---
6	---	---	7.1	4.0	7.9	4.5	16.9	11.0	20.8	11.9	---	---
7	---	---	5.6	4.0	7.1	5.1	17.7	11.8	20.1	12.4	---	---
8	---	---	6.8	3.7	7.0	4.6	18.4	10.1	20.1	12.2	---	---
9	---	---	6.8	4.0	8.0	4.8	15.2	10.5	20.5	12.2	---	---
10	---	---	5.6	3.8	10.1	5.4	11.9	8.8	20.0	12.4	---	---
11	---	---	7.0	3.2	8.8	5.7	17.1	9.4	18.0	11.0	---	---
12	---	---	7.7	2.7	8.4	6.0	19.5	10.4	16.3	10.8	---	---
13	---	---	8.2	3.5	8.5	4.5	18.7	11.8	17.7	9.3	---	---
14	---	---	7.0	3.8	9.0	5.1	18.5	10.2	17.6	9.0	---	---
15	---	---	6.2	4.0	11.6	6.3	19.0	10.2	18.0	9.1	---	---
16	---	---	5.9	4.6	10.2	6.6	16.1	12.8	18.9	9.9	---	---
17	---	---	6.3	3.8	9.6	7.6	17.9	10.5	15.5	11.0	---	---
18	---	---	5.9	3.5	10.4	6.2	18.7	10.1	16.3	11.0	---	---
19	---	---	7.6	4.3	13.0	6.2	19.5	10.8	17.4	9.3	---	---
20	---	---	5.9	4.0	14.6	7.3	19.2	10.5	17.7	8.5	---	---
21	---	---	7.4	4.2	15.5	8.7	19.8	10.5	19.0	9.9	---	---
22	9.1	3.2	6.5	4.6	15.8	9.9	17.4	12.5	16.8	11.4	---	---
23	7.1	3.1	7.9	3.7	14.4	9.6	20.0	11.9	14.9	11.0	---	---
24	7.9	3.8	6.3	3.1	13.6	8.0	19.7	11.3	12.8	9.1	---	---
25	8.0	2.6	9.1	3.2	13.6	9.3	17.1	10.8	16.4	7.6	---	---
26	7.9	2.6	10.2	3.7	12.1	8.4	19.0	9.9	16.6	8.0	---	---
27	5.6	3.4	10.7	4.0	10.7	8.7	19.7	10.4	17.6	9.0	---	---
28	5.6	1.5	11.1	4.8	11.0	8.8	19.7	10.7	17.7	9.3	---	---
29	4.9	1.3	11.0	5.2	11.0	8.8	20.0	11.6	15.2	9.9	---	---
30	5.2	1.8	10.8	4.8	15.3	8.5	20.5	11.4	12.2	8.4	---	---
31	---	---	9.0	5.6	---	---	20.8	12.1	---	---	---	---
MONTH	---	---	11.1	2.0	15.8	4.5	20.8	7.7	---	---	---	---

SPOKANE RIVER BASIN

12414900 ST. MARIES RIVER NEAR SANTA, ID

LOCATION.--Lat 47°10'35", long 116°29'30", (NAD27), in NW¹/₄SE¹/₄NW¹/₄ sec.8, T.44 N., R.1 W., Benewah County, Santa quad., Hydrologic Unit 17010304, on right bank, 450 ft upstream from bridge on State Highway 3, 0.3 mi upstream from Santa Creek, 2.7 mi northwest of Santa, and at mile 24.6.

DRAINAGE AREA.--275 mi².

PERIOD OF RECORD.--October 1965 to current year.

REVISED RECORDS.--WDR 1974: 1968-70 (M). WDR 1982: 1981.

GAGE.--Water-stage recorder. Datum of gage is 2,574.56 ft above NGVD of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,300 ft³/s Feb. 9, 1996, on basis of indirect discharge measurement, gage height, 13.75 ft; minimum, 15 ft³/s Nov. 11, 1978, gage height, 3.32 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 25	2030	1,770	7.11	Jan. 19	0045	2,770	7.96
Dec. 11	1915	1,740	7.09	Mar. 28	0645	*3,120	*8.21
				May 10	0645	1,510	6.85

Minimum daily, 37 ft³/s Sept. 8.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	131	259	200	423	166	837	335	307	133	60	43
2	68	132	236	190	385	163	854	318	328	124	58	42
3	67	319	219	179	357	160	795	324	351	118	56	41
4	66	252	207	149	350	157	845	330	294	114	55	40
5	65	195	198	e86	373	154	783	316	280	110	56	39
6	65	172	189	e77	333	153	691	326	298	107	54	39
7	69	158	188	e206	303	156	670	477	262	106	54	38
8	69	147	253	219	288	167	770	434	248	101	53	37
9	75	138	393	200	265	165	684	417	236	108	52	38
10	120	129	801	198	249	171	610	1220	228	118	50	39
11	84	123	1450	191	242	166	570	788	218	110	49	43
12	75	119	1210	198	249	164	553	605	208	102	48	44
13	71	116	755	175	266	156	537	522	201	95	49	48
14	69	113	627	133	244	149	555	477	196	90	50	48
15	68	111	831	e68	212	147	501	461	192	89	49	45
16	71	115	677	e50	187	146	471	549	181	87	47	42
17	157	117	571	e124	205	186	762	750	198	88	47	43
18	214	111	489	e1200	197	186	709	642	242	85	58	45
19	209	121	442	1860	211	181	616	634	201	81	57	45
20	145	111	405	1190	205	315	563	556	177	77	51	42
21	236	104	366	1060	187	333	518	538	164	76	48	41
22	335	103	335	960	166	258	480	553	153	74	47	40
23	327	103	e259	867	171	247	460	556	149	75	47	40
24	242	236	e232	790	171	219	440	484	144	72	46	40
25	211	1310	e247	679	166	202	423	460	140	69	45	40
26	182	1090	260	604	163	199	409	419	136	67	44	41
27	161	559	e240	564	160	1260	403	389	145	66	43	40
28	146	416	e219	537	157	2680	389	363	183	65	42	39
29	136	337	e221	498	---	1550	372	338	165	63	41	40
30	134	292	224	468	---	1250	353	314	147	62	42	60
31	148	---	211	444	---	954	---	297	---	61	43	---
TOTAL	4155	7480	13214	14364	6885	12560	17623	15192	6372	2793	1541	1262
MEAN	134	249	426	463	246	405	587	490	212	90.1	49.7	42.1
MAX	335	1310	1450	1860	423	2680	854	1220	351	133	60	60
MIN	65	103	188	50	157	146	353	297	136	61	41	37
AC-FT	8240	14840	26210	28490	13660	24910	34960	30130	12640	5540	3060	2500
CFSM	0.49	0.91	1.55	1.68	0.89	1.47	2.14	1.78	0.77	0.33	0.18	0.15
IN.	0.56	1.01	1.79	1.94	0.93	1.70	2.38	2.06	0.86	0.38	0.21	0.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

	73.5	138	221	344	513	687	876	747	355	124	67.9	62.1
MEAN	73.5	138	221	344	513	687	876	747	355	124	67.9	62.1
MAX	134	422	732	1637	1936	2166	1976	1671	1012	230	103	91.6
(WY)	2005	1996	1996	1974	1996	1972	1997	1997	1974	1997	1975	2004
MIN	36.3	45.7	54.8	47.6	73.3	153	282	186	84.3	54.4	30.6	32.4
(WY)	1988	1988	1979	1979	2001	1977	1992	1992	1992	1994	1994	1994

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1966 - 2005

ANNUAL TOTAL		118328		103441								
ANNUAL MEAN		323		283						349		
HIGHEST ANNUAL MEAN										711		1974
LOWEST ANNUAL MEAN										134		1977
HIGHEST DAILY MEAN			3270	May 22		2680	Mar 28		10800	Feb 9	1996	
LOWEST DAILY MEAN			40	Jan 6		37	Sep 8		25	Nov 29	1979	
ANNUAL SEVEN-DAY MINIMUM			49	Aug 15		39	Sep 4		26	Aug 27	1994	
ANNUAL RUNOFF (AC-FT)		234700		205200		253100						
ANNUAL RUNOFF (CFSM)		1.18		1.03		1.27						
ANNUAL RUNOFF (INCHES)		16.01		13.99		17.26						
10 PERCENT EXCEEDS		730		637		906						
50 PERCENT EXCEEDS		200		186		152						
90 PERCENT EXCEEDS		67		47		53						

e Estimated

SPOKANE RIVER BASIN

12415140 ST JOE RIVER NEAR CHATCOLET, ID

LOCATION.--Lat 47°21'37", long 116°41'26", (NAD83), in NW¹/₄NW¹/₄SW¹/₄ sec.2, T.46 N., R.3 W., Benewah County, Benewah Lake quad., Hydrologic Unit 17010304, on left bank 0.4 mile upstream from Silvertip Landing in Hayburn State Park, and at mile 5.4.

DRAINAGE AREA.--1,720 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1991 to December 1992 (mean daily gage-heights only), November 2002 to December 2003 (discharge measurements only), March 2004 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 2,100.00 ft above NGVD of 1929. January 1991 to December 1992, recording gage located 0.3 mi downstream at datum 6.64 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station equipment includes satellite telemetry. Elevation affected by backwater from Coeur d'Alene Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 11,300 ft³/s May 23, 2004; maximum gage height, 27.02 ft, May 22, 1991, present datum; minimum daily, 378 ft³/s Sept. 28, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 11,000 ft³/s Mar. 28; maximum gage height, 25.27 ft, June 16; minimum daily, 378 ft³/s Sept. 28.

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	e621	1320	2200	1930	e3270	1730	5080	4150	3590	e1280	e615	e438
2	e610	1320	2030	1780	e3170	1730	5110	3940	3660	e1220	e602	e432
3	e597	1790	1890	1650	e3050	1640	5040	3970	3710	e1200	e594	e426
4	e586	1830	1900	1370	e2970	1600	5100	4160	3400	e1140	e586	e419
5	e581	1660	1860	1130	e2980	1610	5170	4000	3340	e1110	e581	e414
6	e572	1620	1750	1210	e2880	1570	4730	4110	3210	e1070	e571	e409
7	e597	1470	1720	1580	e2780	1600	4620	5200	3010	e1050	e558	e405
8	e591	1320	1610	1570	e2740	1730	5440	5670	2780	e1010	e547	e401
9	e627	1320	1870	1450	e2530	1610	5910	5560	2680	e1040	e542	e397
10	e724	1240	3360	1420	e2350	1880	5370	6980	2470	e1070	e534	e405
11	e619	1240	6210	1350	e2310	1870	5030	7120	2350	e1020	e529	e419
12	e581	1260	8820	1300	e2360	1840	4690	6540	2460	e957	e522	e422
13	e564	1220	5910	1320	e2510	1920	4590	5780	2380	e915	e545	e443
14	e562	1270	4840	1170	e2330	1860	4440	5650	2200	e887	e529	e439
15	e559	1420	5360	852	e2170	1780	4160	5410	2050	e872	e514	e422
16	e575	1160	5260	840	e2030	1890	4000	5660	1940	e876	e501	e410
17	e904	1210	4650	1140	e2020	1990	4570	6810	2100	e915	e497	e406
18	1220	1290	4170	e9350	2020	1990	5090	6560	2250	e848	e536	e419
19	1330	1240	3720	e8890	2050	1740	4770	6150	2040	e806	e520	e418
20	1120	1160	3440	e6560	2110	2310	4590	5780	1730	e777	e497	e401
21	1210	1160	3170	e5870	1960	2620	4380	5700	1610	e756	e484	e393
22	1770	1220	3010	e5680	1780	2250	4290	5510	1580	e738	e479	e388
23	1830	1110	2710	e5250	1770	2280	4530	5600	1700	e746	e475	e385
24	1630	1700	2700	e4960	1750	2220	4820	5280	1550	e717	e467	e384
25	1560	7390	2820	e4610	1690	2070	e5400	4890	e1480	e701	e462	e384
26	1320	8180	2530	e4310	1730	2230	e5600	4510	e1470	e683	e456	e385
27	1290	4530	2250	e3960	1690	4100	5940	4330	e1480	e670	e449	e382
28	1200	3320	2010	e3790	1670	11000	5630	4110	e1500	e662	e440	e378
29	1130	2700	2020	e3630	---	9750	5110	3950	e1470	e652	e433	e385
30	1150	2380	2120	e3460	---	7590	4540	3800	e1390	e639	e438	e700
31	1240	---	2120	e3350	---	5980	---	3800	---	e623	e442	---
TOTAL	29470	61050	100030	96732	64670	87980	147740	160680	68580	27650	15945	12509
MEAN	951	2035	3227	3120	2310	2838	4925	5183	2286	892	514	417
MAX	1830	8180	8820	9350	3270	11000	5940	7120	3710	1280	615	700
MIN	559	1110	1610	840	1670	1570	4000	3800	1390	623	433	378
AC-FT	58450	121100	198400	191900	128300	174500	293000	318700	136000	54840	31630	24810

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

	2004	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005
MEAN	951	2035	3227	3120	2310	3421	5380	5944	3049	1026	684	615
MAX	951	2035	3227	3120	2310	4005	5835	6705	3812	1160	853	814
(WY)	2005	2005	2005	2005	2005	2004	2004	2004	2004	2004	2004	2004
MIN	951	2035	3227	3120	2310	2838	4925	5183	2286	892	514	417
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 2004 - 2005

ANNUAL TOTAL	873036	
ANNUAL MEAN	2392	2392
HIGHEST ANNUAL MEAN		2392
LOWEST ANNUAL MEAN		2392
HIGHEST DAILY MEAN	11000	Mar 28
LOWEST DAILY MEAN	378	Sep 28
ANNUAL SEVEN-DAY MINIMUM	383	Sep 23
ANNUAL RUNOFF (AC-FT)	1732000	1733000
10 PERCENT EXCEEDS	5380	5380
50 PERCENT EXCEEDS	1730	1730
90 PERCENT EXCEEDS	465	465

e Estimated

SPOKANE RIVER BASIN
12415140 ST JOE RIVER NEAR CHATCOLET, ID

WATER-QUALITY RECORDS

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

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	
OCT	12...	1200	548	60	6.9	11.0	12.9	26	7.74	1.72	<.010	<.016	<.006	.006
DEC	13...	1135	6360	36	6.6	1.0	3.0	14	3.88	1.01	<.010	.043	E.003	.014
FEB	07...	1220	2780	46	7.3	-1.5	2.0	21	6.25	1.42	E.005	E.011	E.004	.007
MAR	14...	0915	1760	54	6.8	5.5	6.0	24	6.89	1.59	E.008	<.016	.006	E.006
	30...	1100	7960	37	7.7	3.5	3.3	14	4.04	1.06	E.006	.034	.008	.012
MAY	12...	1155	6330	40	7.0	17.5	8.3	17	4.90	1.12	<.010	E.012	<.006	.022
JUN	27...	1200	1480	56	7.3	15.0	19.1	24	7.03	1.51	<.010	<.016	<.006	.006
JUL	18...	1000	661	63	7.1	20.5	20.3	26	7.56	1.64	<.010	<.016	<.006	.006
AUG	25...	0940	266	70	6.8	16.0	20.8	30	8.78	1.89	<.010	<.016	<.006	.004

Date	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd, recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfltrd, recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd, recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	
OCT	12...	.018	.17	<.04	<.04	77	255	E.05	.4	1.3	10.1	1.0	E1.6	4
DEC	13...	.034	.23	<.04	<.04	49	465	E.06	.4	5.0	14.7	.7	4.0	14
FEB	07...	.014	.07	<.04	<.04	37	188	.18	.2	6.0	7.4	.6	E1.1	3
MAR	14...	.013	E.06	<.04	<.04	73	175	<.08	.09	8.8	9.9	E.6	<2	3
	30...	.050	.21	<.04	<.04	75	758	E.05	.5	4.8	17.9	1.5	2.5	18
MAY	12...	.023	.13	<.04	<.04	209	259	<.08	.2	4.2	8.3	.7	E1.0	8
JUN	27...	.014	.09	<.04	<.04	62	142	<.08	.09	5.0	10.5	1.0	<2	2
JUL	18...	.013	.10	<.04	<.04	42	157	<.08	E.05	1.0	10.2	.7	<2	3
AUG	25...	.014	.14	<.04	<.04	22	131	E.04	E.04	1.0	15.2	1.4	<2	5

< Less than.
E Estimated.

SPOKANE RIVER BASIN

12415500 COEUR D'ALENE LAKE AT COEUR D'ALENE, ID

LOCATION.--Lat 47°39'55", long 116°46'17", (NAD83), in NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.24, T.50 N., R.4 W., Kootenai County, Coeur d'Alene quad., Hydrologic Unit 17010303, 500 ft southwest of south end of Eleventh Street, Coeur d'Alene, and 113.1 mi upstream from mouth of Spokane River.

DRAINAGE AREA.--3,700 mi², approximately.

PERIOD OF RECORD.--April 1903 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2,100.00 ft, referred to originally accepted elevation of 2,157.40 ft of U.S. Geological Survey bench mark in southeast corner of Idaho First National Bank Building (see WSP 882). Gage heights are reduced to that datum. Datum of gage based on NGVD of 1929, supplementary adjustment of 1947, is 2,097.00 ft. Apr. 26, 1903, to Feb. 14, 1905, non-recording gage at mouth of St. Joe River at datum about 18.7 ft higher than gage datum. Feb. 15, 1905, to Mar. 23, 1921, non-recording gage, and Mar. 24, 1921, to Dec. 22, 1930, water-stage recorder at Johnson Wharf 800 ft southeast of railroad station and 1 mi northwest of present site at datum 19.75 ft higher than gage datum. Dec. 23, 1930, to Feb. 9, 1931, non-recording gage at present site and datum.

REMARKS.--Station equipment includes telemetry. Avista Utilities stores water in Coeur d'Alene Lake by regulation at Post Falls Dam for power generation at Post Falls and other plants on Spokane River. Storage is within natural range of lake stage. Contents given herein are those above elevation 2,120.0 ft. Capacity of lake between elevations 2,120 ft and 2,140 ft, 889,000 acre-ft. Add 2,100 ft to gage heights to obtain elevations.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 834,900 acre-ft Dec. 25, 1933, elevation, 2,139.05 ft; minimum, 2,700 acre-ft below zero of contents table Oct. 10-12, 1904, Sept. 24, 25, 1905, Oct. 14 to Nov. 3, 1906, Feb. 9, 10, 1977, elevation, 2,119.9 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum contents known prior to 1903, 753,300 acre-ft May 31, 1894, elevation, 2,137.6 ft, from high-water marks.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 239,900 acre-ft July 19, elevation, 2,128.03 ft; minimum, 61,300 acre-ft Jan. 17, elevation, 2,122.28 ft.

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

21.0	26,800	27.0	195,300
23.0	80,700	29.0	288,100
25.0	135,200		

Gage height, 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	27.27	25.27	25.94	23.98	25.60	22.64	27.00	27.12	27.89	27.95	27.93	27.78
2	27.20	25.24	25.88	23.83	25.44	22.60	27.12	27.12	27.93	27.92	27.93	27.78
3	27.11	25.27	25.81	23.68	25.27	22.56	27.18	27.12	27.92	27.90	27.91	27.77
4	27.00	25.32	25.70	23.54	25.14	22.51	27.19	27.11	27.85	27.89	27.92	27.75
5	26.90	25.37	25.63	23.40	24.99	22.47	27.11	27.12	27.82	27.89	27.92	27.73
6	26.81	25.35	25.50	23.25	24.85	22.41	26.98	27.18	27.80	27.90	27.93	27.71
7	26.68	25.34	25.42	23.17	24.72	22.37	26.88	27.29	27.77	27.88	27.92	27.72
8	26.57	25.30	25.38	23.10	24.58	22.33	26.81	27.35	27.75	27.88	27.92	27.72
9	26.51	25.25	25.33	23.02	24.45	22.33	26.81	27.44	27.76	27.92	27.92	27.69
10	26.41	25.20	25.44	22.93	24.31	22.35	26.74	27.55	27.81	27.93	27.91	27.67
11	26.30	25.15	25.80	22.87	24.18	22.36	26.66	27.60	27.87	27.94	27.91	27.66
12	26.20	25.06	26.49	22.76	24.09	22.38	26.52	27.60	27.90	27.96	27.87	27.67
13	26.11	24.96	26.84	22.67	24.00	22.40	26.38	27.59	27.92	27.95	27.87	27.67
14	25.99	24.87	27.02	22.55	23.88	22.40	26.22	27.62	27.94	27.94	27.89	27.67
15	25.89	24.80	27.04	22.40	23.78	22.43	26.08	27.64	27.95	27.93	27.88	27.62
16	25.77	24.69	26.99	22.32	23.66	22.44	26.01	27.70	27.96	27.98	27.88	27.52
17	25.72	24.56	26.86	22.30	23.53	22.48	26.06	27.76	27.98	27.98	27.91	27.45
18	25.67	24.47	26.70	22.63	23.44	22.48	26.18	27.82	27.96	28.00	27.90	27.38
19	25.62	24.32	26.52	23.77	23.34	22.50	26.32	27.83	27.94	27.99	27.90	27.30
20	25.57	24.20	26.33	24.60	23.28	22.62	26.43	27.82	27.91	27.98	27.89	27.22
21	25.55	24.07	26.10	25.13	23.19	22.70	26.52	27.78	27.93	27.96	27.90	27.13
22	25.61	23.93	25.87	25.50	23.12	22.74	26.55	27.80	27.95	27.95	27.90	27.05
23	25.62	23.81	25.63	25.76	23.04	22.80	26.54	27.80	27.92	27.96	27.88	26.96
24	25.62	23.83	25.39	25.92	22.97	22.86	26.54	27.80	27.90	27.92	27.86	26.90
25	25.60	24.32	25.18	26.01	22.90	22.90	26.60	27.80	27.91	27.92	27.87	26.82
26	25.56	25.13	24.96	26.03	22.84	23.01	26.70	27.80	27.91	27.93	27.86	26.74
27	25.53	25.57	24.78	26.02	22.77	23.55	26.82	27.85	27.92	27.93	27.85	26.66
28	25.51	25.84	24.58	25.96	22.70	24.68	26.94	27.87	27.95	27.93	27.83	26.59
29	25.46	25.94	24.42	25.91	---	25.77	27.06	27.88	27.96	27.94	27.84	26.56
30	25.40	25.96	24.28	25.82	---	26.42	27.11	27.88	27.96	27.94	27.81	26.65
31	25.33	---	24.12	25.72	---	26.76	---	27.90	---	27.93	27.79	---
MEAN	26.07	24.95	25.74	24.08	23.93	23.01	26.67	27.60	27.90	27.94	27.89	27.35
MAX	27.27	25.96	27.04	26.03	25.60	26.76	27.19	27.90	27.98	28.00	27.93	27.78
MIN	25.33	23.81	24.12	22.30	22.70	22.33	26.01	27.11	27.75	27.88	27.79	26.56
†	144200	161800	111200	155100	72600	186600	199500	233700	236600	235100	228500	182800
†	-64000	17600	-50600	43900	-82500	114000	12900	34200	2900	-1500	-6600	-45700
CAL YR 2004	MEAN 25.90	MAX 28.08	MIN 21.07	† 69400								
WTR YR 2005	MEAN 26.10	MAX 28.00	MIN 22.30	† -25400								

† Contents, in acre-ft, at end of month.

† Change in contents, in acre-feet.

SPOKANE RIVER BASIN

12417598 SPOKANE RIVER AT LAKE OUTLET AT COEUR D'ALENE, ID

LOCATION.--Lat 47°40'34", long 116°48'05", in NW¼SE¼NW¼ sec.8, T.44 N., R.1 W., Kootenai County, Coeur d'Alene quad., Hydrologic Unit 17010305, on right bank, 450 ft upstream from bridge on State Highway 3, 0.3 mi upstream from Santa Creek, 2.7 mi northwest of Santa, and at mile 24.6

DRAINAGE AREA.--275 mi².

WATER-QUALITY RECORDS

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

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

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat unfiltered, uS/cm (00095)	pH, water, unfiltered, field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	
OCT	04...	1400	3050	49	7.5	22.0	16.2	20	5.57	1.55	<.010	E.008	<.006	E.002
DEC	14...	1030	12600	52	6.5	6.0	6.8	22	5.87	1.80	<.010	.036	<.006	E.003
FEB	09...	1030	7470	53	7.0	1.5	2.3	23	6.16	1.83	<.010	.045	E.003	E.003
APR	04...	1040	13200	51	7.2	7.0	4.2	22	5.76	1.79	E.006	.053	E.003	<.004
MAY	16...	0930	8190	52	7.4	11.0	13.4	20	5.51	1.64	<.010	<.016	<.006	.005
JUN	28...	1400	2110	55	7.6	17.0	18.3	21	5.62	1.63	.022	.052	<.006	.004
JUL	20...	1315	1090	49	7.0	29.0	22.1	21	5.55	1.62	.071	.071	E.005	.012
AUG	29...	0915	433	54	7.0	20.5	20.7	21	5.74	1.68	.033	.061	<.006	.005

Date	Phosphorus, water, unfiltered, mg/L (00665)	Total nitrogen, wat unfiltered, by analysis, mg/L (62855)	Cadmium, fltrd, ug/L (01025)	Cadmium, water, unfiltered, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfiltered, recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfiltered, recoverable, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfiltered, recoverable, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfiltered, recoverable, ug/L (01092)	Suspended sediment concentration, mg/L (80154)	
OCT	04...	.005	.09	.13	.16	<6	19	.10	.8	1.3	3.4	32.7	35.5	--
DEC	14...	.012	.12	.24	.22	<6	16	.09	.6	.4	4.2	62.5	58.7	.0
FEB	09...	.008	.16	.25	.24	7	42	1.80	1.8	.5	5.0	63.0	65.8	1
APR	04...	.005	.15	.21	.25	10	32	.22	.9	.6	2.9	71.7	62.0	3
MAY	16...	.006	.07	.20	.25	19	48	.42	1.5	1.3	5.3	49.9	49.1	2
JUN	28...	.012	.31	.15	.19	E4	23	.14	.7	1.7	2.8	35.3	35.9	3
JUL	20...	.008	.25	.16	.19	7	23	.24	.9	1.8	3.3	35.2	35.7	2
AUG	29...	.007	.20	.12	.15	E6	19	.18	.9	1.2	3.0	35.9	34.3	6

< Less than.
E Estimated.

SPOKANE RIVER BASIN

12419000 SPOKANE RIVER NEAR POST FALLS, ID

LOCATION.--Lat 47°42'11", long 116°58'37", (NAD27), in SW¹/₄SW¹/₄SW¹/₄ sec.4, T.50 N., R.5 W., Kootenai County, Post Falls quad., Hydrologic Unit 17010305, on right bank, 1 mi downstream from powerplant of Avista Utilities, 1.5 mi southwest of Post Falls, and at mile 100.7.

DRAINAGE AREA.--3,840 mi², approximately, of which about 122 mi² in the vicinity of Hayden Lake is noncontributing to this station.

PERIOD OF RECORD.--October 1912 to current year (prior to January 1913, monthly discharge only, published in WSP 870 and 1736). Prior to October 1949, published as "at Post Falls."

GAGE.--Water-stage recorder. Datum of gage is 2,050 ft, referred to originally accepted elevation of 2,157.40 ft for the U.S. Geological Survey bench mark in southeast corner of Idaho First National Bank Building (see WSP 882). Gage datum is 2,047.00 ft above NGVD of 1929. Jan. 1, 1913, to Nov. 21, 1920, nonrecording gage, and Nov. 22, 1920, to Sept. 15, 1934, recording gage 0.6 mi upstream. From Sept. 16, 1934, to Nov. 15, 1949, recording gage 0.8 mi upstream. From Nov. 16, 1949, at present site. Datum of all gages prior to Sept. 30, 1964, 50 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by dam at Post Falls and affected by storage in Coeur d'Alene Lake (sta 12415500).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50,100 ft³/s, when recorder was not operating, Dec. 25, 1933, (determined from unpublished records collected by Washington Water Power Co. for station at Liberty Bridge); minimum, 65 ft³/s July 25, 30, 1973; minimum gage height, 4.68 ft, July 20, 21, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 16,800 ft³/s Dec. 15, gage height, 16.21 ft; minimum daily, 403 ft³/s Sept. 12.

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	2350	3320	5560	6390	10500	3820	8660	7120	5370	2180	564	468
2	2390	3460	5550	5920	10200	3620	9290	7110	5450	2190	560	470
3	2770	3450	5560	5730	9620	3620	10500	7130	5910	2140	559	471
4	3140	3450	5540	5300	9350	3620	12200	7120	6170	1820	492	470
5	3140	3460	5540	5000	9110	3610	13000	6600	5900	1770	436	470
6	3140	3460	5530	4770	8730	3600	12900	6060	5350	1640	436	447
7	3060	3460	5520	4420	8260	3600	12700	6070	4870	1550	435	427
8	3040	3440	5520	4800	8040	3310	12800	7740	4360	1510	434	478
9	3130	3440	5510	4480	7650	3070	13200	7810	3610	1500	427	480
10	3120	3430	5840	4250	7310	3070	13300	9130	2970	1490	422	477
11	3110	3440	6710	4190	6820	3070	13400	9950	2710	1490	434	415
12	3110	3740	10100	4180	6680	3080	13200	9640	2710	1480	446	403
13	3100	3960	12000	4150	6580	3080	12900	8810	2690	1350	441	437
14	3100	3950	12600	3950	6230	3080	12100	8200	2640	1140	439	452
15	3100	3920	13800	3800	6000	3090	10700	8210	2630	1020	439	1460
16	3090	4230	13900	3650	5910	3080	9940	8220	3010	951	459	2050
17	3090	4420	13800	3380	5520	3090	8140	8870	3420	952	470	2060
18	3100	4420	13500	3810	5320	3090	7450	9320	3950	950	457	2030
19	3100	4420	12500	4680	5210	3080	7500	9360	3610	1040	455	2000
20	3100	4410	12000	6660	5090	3090	7570	9330	3120	1090	452	1990
21	3100	4400	11600	8380	4680	3090	7630	9330	2850	1090	462	2000
22	2860	4380	11100	9670	4510	3090	8470	8650	2740	1090	468	1990
23	3110	4370	10300	10300	4500	3090	9410	8320	2790	1090	453	1990
24	3100	4370	9820	10800	4280	3090	9670	7850	2480	1090	467	1990
25	3100	4390	9380	11000	4170	3100	9700	7350	2320	931	487	2000
26	3100	4450	8840	11100	4160	3100	9040	6390	2280	766	464	2010
27	3090	4440	8090	11200	4170	3120	8600	5750	2250	666	449	2010
28	3120	4440	7770	10800	4170	3480	8180	5720	2220	561	441	2010
29	3130	5040	7300	10600	---	4650	7420	5690	2210	567	441	2020
30	3130	5560	6780	10000	---	6630	7120	5750	2180	577	465	2030
31	3130	---	6550	9960	---	8190	---	5600	---	576	478	---
TOTAL	94250	121120	274110	207320	182770	110400	306690	238200	104770	38257	14332	38005
MEAN	3040	4037	8842	6688	6528	3561	10220	7684	3492	1234	462	1267
MAX	3140	5560	13900	11200	10500	8190	13400	9950	6170	2190	564	2060
MIN	2350	3320	5510	3380	4160	3070	7120	5600	2180	561	422	403
AC-FT	186900	240200	543700	411200	362500	219000	608300	472500	207800	75880	28430	75380

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

MEAN	1764	2867	4891	5173	6269	8146	14330	17250	9544	2079	926	1185
MAX	5460	13130	23660	24930	23280	25440	26050	34930	26710	10720	2133	1849
(WY)	1928	1928	1934	1934	1996	1972	1943	1997	1974	1916	1917	1985
MIN	782	627	784	903	1025	1751	3558	5141	1584	851	185	188
(WY)	1964	1936	1936	2001	1929	1929	1929	1992	1926	1994	1958	1949

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1913 - 2005
ANNUAL TOTAL	1953200	1730224	
ANNUAL MEAN	5337	4740	6173
HIGHEST ANNUAL MEAN			11600
LOWEST ANNUAL MEAN			2143
HIGHEST DAILY MEAN	14700	13900	49800
LOWEST DAILY MEAN	374	403	67
ANNUAL SEVEN-DAY MINIMUM	513	432	108
ANNUAL RUNOFF (AC-FT)	3874000	3432000	4472000
10 PERCENT EXCEEDS	12000	9950	17000
50 PERCENT EXCEEDS	3900	3620	3010
90 PERCENT EXCEEDS	757	475	900