

SALMON RIVER BASIN
13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992, 1995, April to September 1998 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March to September 1998 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR CURRENT PERIOD.--

WATER TEMPERATURE: Maximum, 20.1 °C July 17-18, 25; minimum recorded, 1.8 °C March 7.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED TUR- BID- ITY (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCL FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 15...	1045	288	349	7.9	5.0	6.0	3.7	10.3	100	80	--
MAY 12...	1200	208	354	8.4	14.5	9.5	2.6	10.0	106	120	220
JUN 18...	0945	244	391	8.0	13.0	9.5	2.0	9.1	96	250	110
JUL 13...	1230	410	373	8.2	29.0	14.5	.85	9.2	106	120	K22
AUG 11...	0945	218	388	7.8	18.5	11.5	.62	8.5	91	150	160
SEP 15...	1030	236	396	7.5	18.0	11.5	--	9.0	97	73	140

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00440)	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)
SEP 15...	180	45	15	10	11	1.9	220	0

DATE	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
SEP 15...	178	17	7.5	.21	21	227	.31	144

DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
APR 15...	<.010	.341	.025	<.10	.021	.022	19	15
MAY 12...	.011	.292	.031	.16	.028	.027	13	7.3
JUN 18...	<.010	.212	.021	.26	.063	.027	11	7.2
JUL 13...	.013	.144	.050	.24	.056	.038	9	10
AUG 11...	.014	.193	<.020	.16	.022	.033	4	2.4
SEP 15...	<.010	.243	<.020	.17	.036	.035	7	4.5

K Results based on counts outside ideal colony range.

SALMON RIVER BASIN
13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10.2	5.8	8.1	16.4	8.9	12.6
2	---	---	---	---	---	---	11.4	6.5	9.0	14.0	8.9	11.7
3	---	---	---	---	---	---	9.9	7.7	8.8	13.7	8.9	11.6
4	---	---	---	---	---	---	10.5	6.8	8.7	15.5	8.2	11.8
5	---	---	---	6.5	3.0	4.7	9.4	6.9	8.1	16.7	8.9	12.6
6	---	---	---	5.7	2.6	4.1	9.9	6.9	8.4	16.6	9.6	12.9
7	---	---	---	6.2	1.8	3.9	11.1	6.3	8.6	16.6	10.0	13.3
8	---	---	---	5.4	2.6	4.0	10.8	6.6	8.8	17.4	10.5	13.7
9	---	---	---	6.9	3.0	4.9	11.0	7.4	9.2	14.4	9.4	12.0
10	---	---	---	8.8	4.6	6.6	10.5	7.2	8.8	15.6	9.4	12.1
11	---	---	---	9.9	5.7	7.7	10.2	7.7	8.9	16.7	8.5	12.5
12	---	---	---	9.1	4.6	6.9	9.4	6.9	8.2	12.7	8.6	10.9
13	---	---	---	9.2	4.6	6.9	9.7	5.7	7.8	13.6	8.9	10.9
14	---	---	---	9.2	4.6	7.0	10.2	5.8	7.8	12.7	8.8	10.7
15	---	---	---	8.3	5.1	6.8	11.1	6.2	8.5	13.3	7.9	10.5
16	---	---	---	10.2	6.3	8.1	10.8	6.8	8.6	10.8	7.2	9.3
17	---	---	---	7.9	4.9	6.4	11.0	6.8	8.7	12.5	8.2	10.0
18	---	---	---	8.8	4.0	6.3	12.0	5.7	8.9	16.4	7.7	11.7
19	---	---	---	9.4	4.3	6.7	11.6	8.2	9.9	16.1	8.2	11.8
20	---	---	---	9.9	4.8	7.3	14.0	7.6	10.5	15.5	8.6	12.0
21	---	---	---	9.1	5.5	7.5	13.1	7.7	10.5	12.0	9.7	10.4
22	---	---	---	9.1	7.1	8.1	14.7	7.9	11.2	11.7	8.8	10.2
23	---	---	---	9.6	7.1	8.3	14.8	10.0	12.3	13.9	8.9	11.0
24	---	---	---	9.7	6.6	8.1	12.3	9.4	10.7	14.8	9.1	11.8
25	---	---	---	9.6	6.9	8.1	11.0	7.2	9.1	13.9	9.1	11.6
26	---	---	---	9.4	6.2	7.8	13.0	6.0	9.4	12.0	9.2	10.6
27	---	---	---	8.5	5.8	7.1	14.4	7.4	10.8	14.4	7.9	10.6
28	---	---	---	8.0	4.6	6.3	15.3	8.2	11.8	16.9	7.2	11.9
29	---	---	---	7.9	4.4	6.1	15.8	8.6	12.2	15.8	8.8	12.2
30	---	---	---	10.5	4.9	7.5	16.1	8.9	12.5	15.1	9.4	12.2
31	---	---	---	10.5	5.5	8.1	---	---	---	14.5	8.5	11.8
MONTH	---	---	---	---	---	---	16.1	5.7	9.5	17.4	7.2	11.6
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.4	8.3	12.8	17.8	12.8	15.3	16.9	12.3	14.4	17.5	11.6	14.6
2	13.6	10.0	12.0	17.2	12.5	15.0	19.1	13.0	15.7	18.0	11.7	14.9
3	13.7	9.4	11.3	18.8	12.8	15.6	19.1	12.8	15.9	17.5	11.7	14.7
4	14.0	8.8	11.2	16.6	13.0	14.9	19.3	12.3	15.8	17.8	11.9	14.9
5	13.9	8.0	11.2	19.0	12.2	15.4	19.5	12.5	16.0	15.5	12.5	14.2
6	14.7	9.1	11.5	19.1	12.5	15.7	18.0	12.7	15.6	16.9	13.6	15.1
7	16.7	9.1	12.7	19.1	13.4	16.2	19.1	13.1	15.9	16.4	12.5	14.6
8	13.3	9.7	11.6	17.7	13.1	15.5	18.8	12.0	15.4	15.1	13.3	14.3
9	17.4	9.7	13.3	18.0	12.8	15.3	16.4	12.2	14.4	16.1	12.5	14.2
10	14.8	9.7	12.5	17.7	13.3	15.4	18.5	11.6	14.9	15.1	13.0	14.0
11	16.6	10.6	13.5	18.8	13.4	15.9	18.5	11.9	15.2	14.8	11.6	13.1
12	15.9	11.3	13.7	18.8	12.7	15.6	19.3	12.7	15.9	15.6	12.7	13.9
13	17.2	10.5	13.5	19.0	12.8	15.8	19.3	12.3	15.8	16.7	11.3	13.9
14	15.5	10.3	12.9	19.0	12.5	15.7	18.2	13.3	15.9	16.6	11.1	13.9
15	13.3	10.0	11.6	19.5	12.7	16.0	17.2	12.2	14.8	16.9	11.6	14.2
16	14.2	9.4	11.5	19.9	13.0	16.3	19.0	12.8	15.6	15.8	11.6	13.7
17	14.5	9.4	11.8	20.1	13.0	16.5	15.3	11.9	13.8	15.1	11.6	13.3
18	16.6	10.3	13.3	20.1	13.3	16.6	16.7	11.7	14.2	15.6	11.7	13.5
19	14.5	11.0	12.7	19.9	13.0	16.4	17.2	11.4	14.3	14.7	11.3	12.6
20	16.6	9.9	12.9	19.8	12.8	16.2	17.5	11.7	14.5	14.7	10.6	12.4
21	18.0	9.6	13.6	19.6	12.8	16.2	15.1	12.2	13.8	14.4	9.9	12.1
22	14.5	10.5	12.7	19.3	12.8	16.0	17.5	10.8	14.0	13.9	9.4	11.6
23	15.8	10.8	13.2	19.6	13.1	16.2	17.0	10.8	13.9	14.5	9.6	12.0
24	15.0	10.6	12.9	17.8	14.0	15.9	17.4	11.0	14.0	14.4	9.6	11.9
25	15.5	11.6	13.2	20.1	13.3	16.5	17.4	10.6	14.0	11.9	9.9	10.8
26	14.5	10.6	12.5	19.1	14.2	16.5	14.8	10.6	13.1	14.2	10.2	11.9
27	17.2	9.7	13.2	18.8	13.1	15.9	17.2	10.6	13.8	13.9	9.4	11.7
28	18.0	10.6	14.2	18.0	13.7	15.5	17.5	10.8	14.1	14.2	9.6	11.9
29	18.8	11.1	14.9	18.8	12.5	15.5	16.7	11.1	14.0	14.5	10.0	12.3
30	18.3	12.7	15.4	16.9	13.1	15.0	17.0	11.3	14.1	14.0	9.7	11.9
31	---	---	---	16.4	12.7	14.5	17.5	11.3	14.4	---	---	---
MONTH	18.8	8.0	12.8	20.1	12.2	15.8	19.5	10.6	14.7	18.0	9.4	13.3

SALMON RIVER BASIN

13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992, 1995, April to September 1998 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: March to September 1998 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 20.1 °C July 17-18, 25, 1998; minimum recorded, 1.8 °C March 7, 1998.

COLLECTION METHODS.--Composite of 5, 0.25 m² samples. Richest targeted habitat--riffles.

MESH SIZE.--425 um.

AVERAGE DEPTH.--0.47 ft.

AVERAGE PERCENT SHADING.--28.

AVERAGE VELOCITY.--2.47 ft/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--4-5.

PERCENT FINES RANGE.--0.

HABITAT QUALITY INDEX.--91.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM TAXON	DATE SEP 1	NUMBER OF INDIV- IDUALS	PERCENT COMPO- SITION	FUNC- TIONAL FEEDING GROUP	POLLU- TION TOLER- ANCE VALUE
NON-INSECTS					
Turbellaria		24	0.2	CG	4
Nematoda		24	0.2	PA	5
Imma. Tubificid with cap. satae		24	0.2	CG	9
<i>Fluminicola new species</i>		216	1.6	SC	5
EPHEMEROPTERA					
<i>Acentrella turbida</i>		336	2.4	CG	4
<i>Baetis tricaudatus</i>		5424	39.0	CG	6
<i>Dipheter hageni</i>		96	0.7	CG	5
<i>Rhithrogena</i>		192	1.4	SC	0
PLECOPTERA					
<i>Hesperoperla pacifica</i>		24	0.2	PR	2
<i>Isoperla</i>		312	2.2	PR	2
TRICHOPTERA					
<i>Arctopsyche grandis</i>		96	0.7	PR	1
<i>Brachycentrus americanus</i>		240	1.7	OM	1
<i>Glossosoma</i>		48	0.3	SC	1
<i>Protophila</i>		120	0.9	SC	1
<i>Hydropsyche</i>		168	1.2	CF	4
<i>Lepidostoma-sand case larva</i>		72	0.5	SH	1
<i>Rhyacophila Brunnea Gr.</i>		24	0.2	PR	1
COLEOPTERA					
<i>Optioservus</i>		1584	11.4	SC	4
DIPTERA					
<i>Chelifera</i>		24	0.2	PR	6
<i>Simulium</i>		2088	15.0	CF	6
<i>Antocha</i>		288	2.1	CG	3
<i>Hexatoma</i>		24	0.2	PR	2
CHIRONOMIDAE					
Chironomidae-pupae		120	0.9	UN	6
<i>Cardiocladius</i>		408	2.9	PR	5
<i>Cricotopus</i>		384	2.8	CG	7
<i>Eukiefferiella</i>		312	2.2	OM	8
<i>Orthocladius Complex</i>		1200	8.6	CG	6
<i>Parametrioctenemus</i>		24	0.2	CG	5
<i>Tvetenia Bavarica Gr.</i>		24	0.2	CG	5
TOTAL NUMBER OF TAXA		27		EPT ABUNDANCE	7152/m ²
TOTAL NUMBER OF ORGANISMS		13,920/m ²		NUMBER EPT TAXA	13
HILSENHOFF BIOTIC INDEX		5.32			

SALMON RIVER BASIN

13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

COLLECTION METHODS.--Qualitative multiple habitat, relative abundance.

MESH SIZE.--210 um.

GEAR TYPE.--D-frame net and visual collections.

REACH LENGTH.--201 m.

AVERAGE WIDTH.--21 m.

HABITAT QUALITY INDEX.--91.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM TAXON	DATE	NUMBER OF INDIV- IDUALS	PERCENT COMPO- SITION	FUNC- TIONAL FEEDING GROUP	POLLU- TION TOLER- ANCE VALUE
GENUS SPECIES	SEP 1				
NON-INSECTS					
Imma. Tubificid with cap. satae		45	0.4	CG	9
Margaritifera falcata		15	0.1	CF	4
Margaritifera new species		15	0.1	CF	4
Potamopyrgus antipodarum		15	0.1	SC	8
Fluminicola new species		375	3.3	SC	5
Physella (P.) gyrina		15	0.1	CG	8
Gammarus		15	0.1	CG	6
Hyalella azteca		15	0.1	CG	8
EPHEMEROPTERA					
Acentrella turbida		390	3.4	CG	4
Baetis tricaudatus		4800	41.8	CG	6
Dipheter hageni		90	0.8	CG	5
Rhithrogena		15	0.1	SC	0
Paraleptophlebia		15	0.1	CG	4
Tricorythodes minutus		45	0.4	CG	4
PLECOPTERA					
Capniidae		30	0.3	SH	1
Hesperoperla pacifica		15	0.1	PR	2
Isoperla		435	3.8	PR	2
Pteronarcella		15	0.1	OM	0
TRICHOPTERA					
Arctopsyche grandis		165	1.4	PR	1
Brachycentrus americanus		255	2.2	OM	1
Glossosoma		15	0.1	SC	1
Protoptila		30	0.3	SC	1
Hydropsyche		270	2.4	CF	4
COLEOPTERA					
Optioservus		1365	11.9	SC	4
DIPTERA					
Simulium		945	8.2	CF	6
Antocha		30	0.3	CG	3
CHIRONOMIDAE					
Chironomidae-pupae		180	1.6	UN	6
Cardiocladius		90	0.8	PR	5
Cricotopus		615	5.4	CG	7
Cricotopus Trifascia Gr.		165	1.4	CG	6
Eukiefferiella		360	3.1	OM	8
Limnophyes		15	0.1	CG	8
Micropsectra		45	0.4	CG	7
Odontomesa		15	0.1	CG	4
Orthocladius Complex		315	2.7	CG	6
Pagastia		15	0.1	CG	1
Parametricnemus		15	0.1	CG	5
Phaenopsectra		45	0.4	SC	7
Polypedilum		15	0.1	OM	6
Rheocricotopus		15	0.1	OM	6
Thienemanniella		75	0.7	CG	6
Thienemannimyia Gr.		15	0.1	PR	6
Tvetenia Bavarica Gr.		60	0.5	CG	5
TOTAL NUMBER OF TAXA		43		EPT ABUNDANCE	6585
TOTAL NUMBER OF ORGANISMS		11,490		NUMBER EPT TAXA	15
HILSENHOFF BIOTIC INDEX		5.25			

SALMON RIVER BASIN

13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992, 1995, April to September 1998, April to September 2001 (discontinued).

PERIOD OF DAILY RECORD.--

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

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR CURRENT PERIOD.--

WATER TEMPERATURE: Maximum, 20.1 °C July 17-18, 25, 1998.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 16.7 °C May 11.

WATER-QUALITY DATA, MAY TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (PER-CENT) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
MAY										
09...	1549	111	320	8.8	19.5	14.0	3.5	11.8	136	68
30...	1233	109	381	8.4	22.4	11.7	3.8	11.3	122	140
JUN										
15...	0914	147	390	8.0	9.6	9.7	6.1	9.0	93.7	90
JUL										
18...	0920	148	393	8.2	15.6	12.0	2.8	9.8	108	300
AUG										
09...	1254	132	392	8.4	27.0	15.6	4.2	11.2	133	180
SEP										
20...	0952	172	398	8.2	5.5	9.8	2.6	8.3	86.2	S60

DATE	HARD-NESS (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS HCO3) (00440)	ANC UNFLTRD CARB FET FIELD (MG/L AS CO3) (00445)	ANC WATER UNFLTRD FET FIELD (MG/L AS CaCO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
SEP													
20...	190	49.4	16.3	10.5	10.6	2.00	240	0	193	19.4	7.5	.2	20.7

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
MAY						
09...	.009	.32	.142	.012	.034	2.6
30...	.014	.34	.210	.028	.055	2.4
JUN						
15...	.018	.19	.242	.018	.037	2.8
JUL						
18...	.015	.22	.130	.017	.031	2.0
AUG						
09...	.013	.25	.107	.028	.032	1.1
SEP						
20...	.006	.18	.132	.022	.033	1.4

< Less than
E Estimated value
S Most probable value

SALMON RIVER BASIN
13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, MAY TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	16.6	7.5	11.9
11	---	---	---	---	---	---	---	---	---	16.7	7.8	12.3
12	---	---	---	---	---	---	---	---	---	15.6	8.5	12.3
13	---	---	---	---	---	---	---	---	---	16.4	10.2	13.1
14	---	---	---	---	---	---	---	---	---	14.7	9.0	12.0
15	---	---	---	---	---	---	---	---	---	13.5	9.8	11.5
16	---	---	---	---	---	---	---	---	---	14.9	8.7	11.4
17	---	---	---	---	---	---	---	---	---	14.9	7.3	11.1
18	---	---	---	---	---	---	---	---	---	15.5	9.1	12.1
19	---	---	---	---	---	---	---	---	---	14.2	8.4	11.4
20	---	---	---	---	---	---	---	---	---	13.6	8.7	11.1
21	---	---	---	---	---	---	---	---	---	14.1	7.5	10.7
22	---	---	---	---	---	---	---	---	---	15.2	8.7	11.9
23	---	---	---	---	---	---	---	---	---	15.3	9.3	12.4
24	---	---	---	---	---	---	---	---	---	14.1	9.8	12.1
25	---	---	---	---	---	---	---	---	---	13.1	10.1	11.9
26	---	---	---	---	---	---	---	---	---	12.7	9.6	11.3
27	---	---	---	---	---	---	---	---	---	13.1	9.6	11.4
28	---	---	---	---	---	---	---	---	---	12.8	9.6	11.2
29	---	---	---	---	---	---	---	---	---	13.0	9.3	11.2
30	---	---	---	---	---	---	---	---	---	12.7	8.5	10.6
31	---	---	---	---	---	---	---	---	---	13.6	9.4	11.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13.3	9.8	11.6	14.2	12.1	13.2	14.5	11.8	13.2	13.8	12.2	13.0
2	12.5	10.2	11.3	14.2	12.1	13.3	15.2	12.2	13.7	13.9	12.5	13.2
3	11.5	9.0	9.6	14.5	12.5	13.5	14.7	12.5	13.5	13.8	12.4	13.1
4	9.8	8.1	8.8	14.2	12.5	13.2	14.4	12.5	13.5	13.8	12.4	12.9
5	9.9	8.1	9.0	13.3	12.4	12.9	14.9	12.1	13.5	13.5	12.4	12.9
6	11.8	8.7	10.0	13.9	12.1	13.0	15.2	12.5	13.9	13.3	11.5	12.1
7	12.2	9.6	10.9	13.9	12.2	12.7	15.0	13.0	14.0	11.5	10.7	11.1
8	12.7	9.8	11.2	13.1	11.9	12.5	15.2	13.0	14.1	12.2	10.4	11.2
9	13.3	10.5	11.8	13.0	12.2	12.6	14.9	13.1	14.0	12.7	11.0	11.8
10	12.7	10.4	11.6	13.3	11.9	12.5	15.0	12.7	13.9	13.0	11.5	12.2
11	12.1	10.5	11.4	13.5	12.2	12.8	14.7	12.8	13.7	13.3	11.9	12.6
12	11.5	9.6	10.3	13.3	12.2	12.9	14.2	12.4	13.4	13.3	12.1	12.6
13	10.2	8.5	9.3	13.3	12.1	12.7	14.5	12.7	13.6	13.5	12.4	12.9
14	11.5	8.8	10.1	13.1	12.1	12.7	14.4	12.7	13.6	13.8	12.7	13.2
15	12.7	9.8	11.1	13.0	11.9	12.4	14.2	12.5	13.4	13.6	12.4	13.0
16	13.0	10.2	11.6	12.7	11.9	12.3	14.1	12.2	13.1	13.6	12.5	12.9
17	13.0	10.7	11.9	12.5	11.6	12.0	14.1	12.5	13.4	13.1	11.9	12.5
18	13.0	10.4	11.7	14.1	11.5	12.7	14.2	12.5	13.4	13.0	11.9	12.5
19	13.3	10.4	11.9	14.9	11.9	13.5	14.1	12.4	13.3	13.0	11.9	12.5
20	14.1	10.8	12.4	14.9	12.4	13.6	13.9	12.2	13.1	12.8	11.5	12.2
21	14.4	11.5	13.0	15.6	12.5	14.0	13.8	12.1	12.9	12.7	11.3	12.0
22	14.4	11.6	13.1	16.0	12.2	14.0	13.9	12.4	13.2	12.5	11.3	11.9
23	14.1	11.6	12.6	16.1	12.7	14.4	13.9	12.4	13.2	12.5	11.3	12.0
24	13.6	10.7	12.1	16.3	12.7	14.5	13.9	12.2	13.1	12.7	11.5	12.1
25	13.1	11.3	12.3	16.3	13.0	14.7	14.2	12.4	13.3	12.7	11.6	12.1
26	13.0	11.1	12.1	16.1	13.0	14.7	14.1	12.5	13.4	12.5	11.6	12.1
27	12.8	11.5	12.2	16.0	13.0	14.5	14.1	12.7	13.4	12.5	11.5	12.0
28	13.9	11.6	12.7	15.3	12.5	14.0	14.2	12.7	13.5	12.4	11.8	12.1
29	14.2	11.8	13.0	14.5	11.9	13.4	14.2	12.8	13.6	12.5	11.6	12.1
30	14.1	11.9	13.1	14.2	12.4	12.9	14.2	12.7	13.4	12.5	11.1	11.8
31	---	---	---	14.2	11.5	12.7	13.8	12.7	13.2	---	---	---
MONTH	14.4	8.1	11.5	16.3	11.5	13.3	15.2	11.8	13.5	13.9	10.4	12.4

SALMON RIVER BASIN

13302005 PAHSIMEROI RIVER AT ELLIS, ID--Continued

COLLECTION METHODS.--Electrofishing; backpack (11A).

ANOMALY CODES.--AA-none; DE-deformities; ER-eroded fins; LE-lesions; TU-tumors; AL-anchor worms; BL-black spot; CL-leeches; IC-ich; NE-blind; PA-other parasites; PE-popeye.

BIOLOGICAL DATA, JULY 2001
FISH COLLECTION DATA

ORGANISM FAMILY GENUS SPECIES (COMMON)	NUMBER OF INDIV- IDUALS	PERCENT COMPO- SITION	LENGTH RANGE TOTAL MM	WEIGHT RANGE IN GM	ORIGIN	TROPHIC GROUP OF ADULTS	TEMPER- ATURE PREFER- ENCE	NUMBER AND TYPE OF ANOMALY
July 17								
Catostomidae (Suckers)								
<i>Catostomus columbianus</i> (Bridgelip sucker)	3	5	125-147	11-35	NATIVE	OMNIVORE	COLD	3-AA
Cottidae (Sculpins)								
<i>Cottus confusus</i> (Shorthead sculpin)	1	2	105	18	NATIVE	INVERTIVORE	COLD	1-AA
<i>Cottus rhotheus</i> (Torrent sculpin)	24	42	32-110	1-22	NATIVE	INVERTIVORE	COLD	23-BL, 1-AA
Cyprinidae (Carp and minnows)								
<i>Rhinichthys osculus</i> (Speckled dace)	3	5	60-80	2-6	NATIVE	INVERTIVORE	COLD	3-AA
Salmonidae (Trouts)								
<i>Oncorhynchus mykiss</i> sp. (Rainbow trout)	14	25	55-215	1-85	NATIVE	INVERTIVORE	COLD	14-AA
<i>Prosopium williamsoni</i> (Mountain whitefish)	12	21	90-350	5-373	NATIVE	INVERTIVORE	COLD	12-AA
TOTAL NUMBER OF TAXA	6							
TOTAL INDIVIDUALS	57							