

PALOUSE RIVER BASIN

13351000 PALOUSE RIVER AT HOOPER, WA--Continued
(National Water-Quality Assessment station)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	189	166	178	287	279	282	314	300	307	381	367	374
2	200	180	188	293	287	289	318	309	315	382	370	376
3	204	171	184	293	290	291	331	315	325	383	362	375
4	181	174	178	299	290	294	336	328	333	371	346	361
5	192	181	186	300	288	293	341	325	333	373	346	362
6	198	180	192	297	289	293	343	326	335	384	363	376
7	201	197	198	305	294	298	342	335	339	391	379	388
8	208	196	205	308	292	299	343	323	336	397	387	394
9	211	207	209	297	288	294	335	316	329	400	392	396
10	215	208	211	293	284	288	324	311	317	403	336	365
11	220	214	215	292	286	289	319	308	314	343	335	338
12	221	213	217	295	288	291	328	308	320	344	335	340
13	222	216	219	304	295	300	333	322	330	345	338	341
14	225	204	222	310	303	306	339	330	335	344	338	341
15	232	206	223	314	308	311	341	333	336	344	338	342
16	239	222	232	314	308	311	339	334	336	347	339	344
17	243	228	237	314	308	311	340	333	336	349	342	345
18	242	222	235	315	310	313	341	334	338	351	344	349
19	243	223	237	318	309	314	341	331	335	355	348	352
20	248	228	242	319	311	315	343	333	337	357	348	353
21	250	223	239	322	304	316	342	333	336	354	331	346
22	241	221	235	322	312	317	341	333	336	331	306	318
23	250	241	244	322	309	316	342	334	338	311	302	307
24	273	250	261	319	303	312	345	337	343	316	308	311
25	282	269	275	317	303	310	346	340	343	321	309	316
26	274	257	264	317	303	310	350	337	344	328	317	323
27	269	260	266	317	306	311	355	333	345	344	325	338
28	275	269	273	320	310	314	356	339	350	355	343	353
29	276	271	274	325	311	318	365	348	359	363	355	360
30	281	274	277	324	304	315	371	359	366	364	354	361
31	---	---	---	317	304	311	375	364	370	---	---	---
MONTH	282	166	227	325	279	304	375	300	336	403	302	352

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.6	14.3	15.6	9.6	8.2	8.8	4.2	3.2	3.7	1.8	1.0	1.3
2	16.5	13.8	15.4	10.7	8.8	9.6	4.3	3.7	4.0	2.1	1.0	1.6
3	16.2	13.0	14.8	10.8	8.8	9.7	4.3	3.4	3.8	2.7	2.1	2.5
4	16.0	12.4	13.9	10.4	8.7	9.5	3.7	2.7	3.3	3.2	2.6	2.8
5	14.1	11.0	12.9	9.6	8.5	9.2	2.9	2.6	2.7	2.9	2.4	2.7
6	14.0	11.0	12.6	8.5	6.6	7.7	3.1	2.3	2.6	3.4	2.4	2.8
7	13.0	10.4	11.5	6.8	5.2	6.1	3.4	2.3	2.7	4.5	3.4	4.0
8	11.9	10.5	11.2	5.9	4.0	4.9	3.4	2.3	2.8	5.6	4.0	4.9
9	11.2	9.1	10.4	5.6	3.8	4.6	3.7	2.7	3.1	4.2	3.7	3.9
10	11.1	8.6	9.7	5.4	4.3	4.7	3.1	2.4	2.7	3.7	2.7	3.1
11	11.1	9.2	10.2	5.7	4.6	5.1	2.6	2.1	2.4	4.0	3.1	3.5
12	10.8	9.1	9.8	6.2	4.8	5.4	3.1	2.4	2.6	4.5	3.7	4.1
13	11.7	9.2	10.5	7.1	5.2	6.1	4.5	2.7	3.5	4.5	2.9	3.4
14	12.8	10.5	11.6	8.5	6.8	7.9	4.6	3.7	4.3	3.4	2.9	3.1
15	12.5	9.7	11.2	9.4	7.7	8.6	3.7	1.6	2.4	2.9	1.6	2.0
16	12.5	10.3	11.4	9.7	9.1	9.4	3.7	2.4	2.9	1.9	1.5	1.6
17	11.2	9.4	10.4	9.9	8.8	9.4	3.8	2.4	3.3	1.9	1.8	1.8
18	10.8	8.8	9.8	9.1	7.7	8.5	2.4	1.5	1.7	2.4	1.6	1.9
19	10.6	9.4	9.9	7.7	7.1	7.5	1.6	1.3	1.4	3.2	2.4	2.8
20	11.1	8.6	9.8	7.7	6.8	7.3	1.9	1.6	1.8	3.2	2.7	3.0
21	10.0	8.8	9.2	8.0	7.3	7.7	2.6	1.9	2.3	3.7	2.7	3.4
22	10.3	8.8	9.5	8.3	7.7	8.0	2.4	1.5	2.1	2.7	1.6	2.2
23	9.7	7.7	8.5	7.9	6.8	7.5	1.5	0.7	1.3	1.8	1.3	1.5
24	8.1	6.8	7.5	6.8	5.4	5.9	1.1	0.2	0.7	3.8	1.6	2.6
25	9.5	7.4	8.3	5.4	4.6	5.0	0.7	0.2	0.5	5.4	3.8	4.8
26	9.8	7.7	8.7	5.1	4.0	4.6	0.5	0.0	0.2	5.1	1.5	3.6
27	9.5	8.5	9.0	4.5	3.1	3.8	0.0	0.0	0.0	1.8	1.0	1.4
28	10.2	8.2	9.2	3.1	2.3	2.6	0.3	0.0	0	1.1	0.2	0.7
29	9.1	8.3	8.8	3.2	2.3	2.7	0.2	0.0	0	1.1	0.0	0.5
30	9.1	8.5	8.8	3.4	2.6	3.0	0.8	0.2	0.5	1.8	0.7	1.1
31	9.6	8.7	9.0	---	---	---	1.8	0.8	1.3	2.3	1.5	1.8
MONTH	16.6	6.8	10.6	10.8	2.3	6.7	4.6	0.0	2.1	5.6	0.0	2.6

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
OCT													
01...	1040	36	734	10.1	103	8.7	386	14.4	14.5	157	187	2	13.4
NOV													
07...	1030	100	747	12.8	104	8.5	328	10.3	5.7	130	156	1	12.6
DEC													
10...	1030	235	730	13.3	103	8.1	310	3.1	2.8	114	138	0	15.1
JAN													
02...	1130	265	732	13.4	101	8.2	344	2.8	1.9	129	155	0	9.91
FEB													
05...	1110	680	735	13.4	100	8.2	282	4.9	1.8	96	116	0	6.53
MAR													
04...	1040	1040	735	12.6	98	8.1	238	5.0	3.3	82	100	0	4.57
19...	0950	1570	733	12.6	97	8.2	214	4.0	3.0	--	--	--	--
APR													
02...	1120	2130	740	11.6	99	8.1	180	13.9	7.4	59	71	0	3.11
23...	1230	1360	740	11.0	100	8.2	161	12.2	9.7	--	--	--	--
MAY													
06...	1050	995	735	11.6	102	8.3	131	9.9	8.3	51	62	0	2.49
20...	1040	646	728	8.2	89	9.2	159	9.3	17.2	--	--	--	--
JUN													
03...	1230	415	735	8.6	98	8.1	164	20.1	20.0	67	81	0	3.35
17...	1120	199	735	10.7	121	9.2	231	18.7	19.5	--	--	--	--
JUL													
08...	1120	92	740	9.2	108	8.3	291	24.2	21.8	122	147	0	7.04
22...	1040	72	734	8.5	104	8.5	311	23.4	23.5	--	--	--	7.66
AUG													
06...	1320	37	738	10.3	114	8.9	338	25.7	18.8	148	171	5	8.98
20...	1130	22	733	8.9	104	8.9	330	25.1	21.2	146	167	5	--
SEP													
10...	1050	38	738	9.5	103	8.4	359	24.4	17.7	149	177	2	11.4

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	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)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, PAR-TICULATE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)
OCT													
01...	16.2	<.04	.86	.38	.012	.35	1.2	<.02	.105	2.2	--	3.3	--
NOV													
07...	11.5	E.03	.39	1.14	.009	.09	1.5	.10	.139	.6	<.1	4.3	.6
DEC													
10...	24.7	E.03	.15	1.27	.008	.04	1.4	.10	.120	.2	<.1	1.5	.2
JAN													
02...	16.7	<.04	.47	4.75	.014	.06	5.2	.12	.158	.4	<.1	3.3	.4
FEB													
05...	14.4	<.04	.45	4.93	.013	.10	5.4	.10	.148	.9	<.1	4.1	.9
MAR													
04...	13.8	E.02	.55	4.98	.011	.10	5.5	.09	.170	1.0	<.1	4.7	1.0
19...	--	<.04	.56	4.58	.009	--	5.1	.08	.176	--	--	--	--
APR													
02...	10.0	<.04	.45	3.60	.008	.14	4.0	.07	.164	1.2	<.1	4.9	1.2
23...	--	<.04	.39	1.83	E.005	--	2.2	.05	.108	--	--	--	--
MAY													
06...	6.4	<.04	.25	.88	<.008	.06	1.1	<.02	.037	.6	<.1	3.0	.6
20...	--	<.04	.47	.45	.008	--	.92	<.02	.041	--	--	--	--
JUN													
03...	6.0	.06	.54	.65	.008	.15	1.2	.07	.129	.9	<.1	3.4	.9
17...	--	<.04	1.4	.24	.017	--	1.6	E.01	.20	--	--	--	--
JUL													
08...	10.8	<.04	.46	.66	.011	.08	1.1	.09	.140	.6	<.1	3.3	.6
22...	13.0	<.04	.48	.49	.008	--	.96	.09	.131	--	--	--	--
AUG													
06...	14.3	<.04	1.1	.17	.008	.68	1.2	E.01	.036	4.0	<.1	3.9	4.0
20...	--	<.04	.70	.10	E.004	--	.81	.03	.090	--	--	--	--
SEP													
10...	14.1	<.04	.60	.52	E.005	.37	1.1	.02	.080	2.1	<.1	3.1	2.1

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13351000 PALOUSE RIVER AT HOOPER, WA--Continued
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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,4-D METHYL ESTER, WATER, FLTRD REC (UG/L) (50470)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI- ETHYL- ANILINE WAT FLT GF, REC (UG/L) (82660)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)
OCT													
01...	<.009	E.02	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005
NOV													
07...	<.009	.02	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005
DEC													
10...	<.009	.03	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005
JAN													
02...	<.009	E.01	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005
FEB													
05...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
MAR													
04...	<.009	E.01	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
19...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.200	<.004	<.02	<.008	<.04	<.005
APR													
02...	<.009	E.01	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
23...	<.009	E.01	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
MAY													
06...	<.009	.03	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
20...	<.009	.04	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
JUN													
03...	<.009	.07	<.02	--	<.006	<2	--	<.007	--	<.02	<.008	<.04	--
17...	<.009	.18	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
JUL													
08...	<.009	.03	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
22...	<.009	.03	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
AUG													
06...	<.009	E.01	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
20...	<.009	E.01	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
SEP													
10...	<.009	E.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005

Date	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO- CARB, WATER, FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAF- FEINE, WATER, FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER FLTRD GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)
OCT													
01...	E.005	<.03	<.010	<.004	<.02	M	<.03	<.02	<.002	<.010	<.03	<.041	<.006
NOV													
07...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
DEC													
10...	E.006	<.03	<.010	<.004	<.02	E.04	E.02	M	<.002	<.010	<.03	E.003	<.006
JAN													
02...	<.007	<.03	<.010	<.004	<.02	E.01	<.03	<.02	<.002	.035	<.03	<.041	<.006
FEB													
05...	E.006	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.039	<.03	<.041	<.006
MAR													
04...	<.007	<.03	<.010	<.004	<.02	E.01	<.03	<.02	<.002	.017	<.03	<.041	<.006
19...	E.006	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.083	<.03	E.005	<.006
APR													
02...	E.004	<.03	<.010	<.004	<.02	E.01	<.03	<.02	<.002	.036	<.03	<.041	<.006
23...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	E.01	<.002	.017	<.03	<.041	<.006
MAY													
06...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	E.01	<.002	E.026	E.01	E.047	<.006
20...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.010	<.03	<.041	<.006
JUN													
03...	--	<.03	--	<.004	<.02	<.01	E.02	E.01	--	.044	<.03	--	<.006
17...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
JUL													
08...	<.007	<.03	<.010	<.004	<.02	E.01	<.03	<.02	<.002	.074	<.03	E.005	<.006
22...	E.006	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.038	<.03	<.041	<.006
AUG													
06...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
20...	E.004	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
SEP													
10...	E.003	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.042	<.03	<.041	<.006

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(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN REC (UG/L) (04039)	DEISO- PROPYL WATER, DISS, REC (UG/L) (04038)
OCT													
01...	<.020	<.02	<.010	<.04	<.005	.03	<.018	<.01	<.01	<.003	<.006	<.01	<.04
NOV													
07...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
DEC													
10...	<.020	<.02	<.010	<.04	<.005	.05	<.018	<.01	<.01	<.003	E.004	<.01	<.04
JAN													
02...	<.020	<.02	<.010	<.04	<.005	.03	<.018	<.01	<.01	<.003	E.002	<.01	<.04
FEB													
05...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.004	<.01	<.04
MAR													
04...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.004	<.01	<.04
19...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	<.04
APR													
02...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	--	<.003	E.002	<.01	<.04
23...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
MAY													
06...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
20...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
JUN													
03...	--	<.02	<.010	<.04	--	<.01	--	<.01	<.01	--	--	<.01	<.04
17...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
JUL													
08...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.006	<.01	<.04
22...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.005	<.01	<.04
AUG													
06...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
20...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.004	<.01	<.04
SEP													
10...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	<.04
Date	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISUL- FOTON WATER FLTRD GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)
OCT													
01...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	M	<.002	<.009	<.005	<.03	<.01
NOV													
07...	<.005	.04	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
DEC													
10...	<.005	.05	<.01	<.005	.01	<.03	<.02	.03	<.002	<.009	<.005	<.03	<.01
JAN													
02...	<.005	.03	<.01	<.005	E.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01
FEB													
05...	E.003	<.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01
MAR													
04...	<.005	E.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01
19...	E.005	<.01	<.01	<.005	E.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01
APR													
02...	<.005	<.01	<.01	<.005	E.01	<.03	<.02	.03	<.002	<.009	<.005	<.03	<.01
23...	<.005	<.01	<.01	<.005	M	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01
MAY													
06...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	E.02	<.002	<.009	<.005	<.03	<.01
20...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01
JUN													
03...	--	<.01	<.01	--	<.01	<.03	--	.02	--	--	--	<.03	<.01
17...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
JUL													
08...	E.003	<.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01
22...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
AUG													
06...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
20...	E.002	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
SEP													
10...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01

PALOUSE RIVER BASIN

13351000 PALOUSE RIVER AT HOOPER, WA--Continued
(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD GF, REC (UG/L) (82666)	MALA- THON, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)
	OCT 01...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01
NOV 07...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
DEC 10...	<.03	<.003	<.008	<.02	E.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	M
JAN 02...	<.03	<.003	<.008	<.02	E.04	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
FEB 05...	<.03	<.003	<.008	<.02	E.12	<.007	E.003	<.01	<.035	<.027	<.02	<.01	<.02
MAR 04...	<.03	<.003	<.008	<.02	E.05	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02
19...	<.03	<.003	<.008	<.02	<.02	<.007	.004	<.01	<.035	<.027	<.20	<.01	<.02
APR 02...	<.03	<.003	<.008	<.02	E.06	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
23...	<.03	<.003	<.008	<.02	E.02	<.007	<.004	<.01	<.035	<.027	.05	<.01	<.02
MAY 06...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	E.02	<.01	<.02
20...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
JUN 03...	<.03	--	<.008	<.02	<.02	<.007	--	<.01	--	--	.04	<.01	<.02
17...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	.03	<.01	<.02
JUL 08...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
22...	<.03	<.003	<.008	<.02	--	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
AUG 06...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
20...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
SEP 10...	<.03	<.003	<.008	<.02	E.04	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
Date	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)
	OCT 01...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02
NOV 07...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
DEC 10...	<.008	<.004	<.050	<.006	<.013	.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
JAN 02...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
FEB 05...	<.008	<.004	<.050	<.006	<.013	.007	<.03	<.002	<.007	<.01	<.01	<.02	<.02
MAR 04...	<.008	<.004	<.050	<.006	<.013	.007	<.03	<.002	<.007	<.01	<.01	<.02	<.02
19...	<.008	<.004	<.050	<.006	<.013	.009	<.03	<.002	<.007	<.01	<.01	<.02	<.02
APR 02...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
23...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
MAY 06...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
20...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
JUN 03...	<.008	<.004	--	--	--	--	<.03	--	--	<.01	<.01	<.02	<.02
17...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
JUL 08...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
22...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
AUG 06...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
20...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
SEP 10...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02

PALOUSE RIVER BASIN

13351000 PALOUSE RIVER AT HOOPER, WA--Continued
(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
OCT													
01...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
NOV													
07...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
DEC													
10...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	.10	E.01	<.004	<.010	<.011	<.02
JAN													
02...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	.07	<.01	<.004	<.010	<.011	<.04
FEB													
05...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
MAR													
04...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
19...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
APR													
02...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
23...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
MAY													
06...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
20...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
JUN													
03...	<.01	--	--	--	--	--	--	<.02	--	--	--	--	--
17...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
JUL													
08...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
22...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
AUG													
06...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
20...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
SEP													
10...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
Date	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP- ICONA- ZOLE, WATER, FLTRD (UG/L) (50471)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER- BUTHYL- AZINE, WATER, FLTRD 0.7 U DISS, REC (UG/L) (04022)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
OCT													
01...	<.010	<.02	<.008	<.02	<.011	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
NOV													
07...	<.010	<.02	<.008	<.02	<.011	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
DEC													
10...	<.010	<.02	<.008	<.02	<.011	E.004	E.01	<.010	<.034	<.02	U	<.005	.011
JAN													
02...	<.010	<.02	<.008	<.02	<.011	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
FEB													
05...	<.010	<.02	<.008	<.02	.006	<.009	<.02	<.010	<.034	<.02	U	<.005	.016
MAR													
04...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.016
19...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.018
APR													
02...	<.010	<.02	<.008	<.02	.006	<.009	<.02	<.010	<.034	<.02	U	<.005	.010
23...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	.010
MAY													
06...	<.010	<.02	<.008	<.02	<.010	<.009	<.02	<.010	<.034	<.02	--	<.005	.007
20...	<.010	<.02	<.008	<.02	<.010	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
JUN													
03...	<.010	<.02	<.008	<.02	--	<.009	--	<.010	--	--	--	--	--
17...	<.010	<.02	<.008	<.02	<.030	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
JUL													
08...	<.010	<.02	<.008	<.02	.009	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
22...	<.010	<.02	<.008	<.02	.008	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
AUG													
06...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
20...	<.010	<.02	<.008	<.02	E.004	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
SEP													
10...	<.010	<.02	<.008	<.02	E.004	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002

PALOUSE RIVER BASIN

13351000 PALOUSE RIVER AT HOOPER, WA--Continued
(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRI-CLOPYR, WATER, GF 0.7U (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)		
OCT 01...	<.009	<.02	<.009	<.02	23	2.2		
NOV 07...	<.009	<.02	<.009	<.02	4.0	1.1		
DEC 10...	--	E.01	E.003	<.02	11	7.0		
JAN 02...	--	<.02	<.009	<.02	14	10.0		
FEB 05...	--	<.02	<.009	<.02	25	45.9		
MAR 04...	--	<.02	<.009	<.02	26	73.0		
19...	--	<.02	<.009	<.02	70	297		
APR 02...	--	<.02	<.009	<.02	61	351		
23...	--	<.02	<.009	<.02	29	106		
MAY 06...	--	<.02	<.009	<.02	9.0	24.2		
20...	--	<.02	<.009	<.02	5.0	8.7		
JUN 03...	--	<.02	--	<.02	9.0	10.1		
17...	--	<.02	<.009	<.02	35	18.8		
JUL 08...	--	<.02	E.004	<.02	9.0	2.2		
22...	--	<.02	E.004	<.02	12	2.3		
AUG 06...	--	<.02	<.009	<.02	18	1.8		
20...	--	<.02	E.004	<.02	14	.83		
SEP 10...	--	<.02	<.009	<.02	16	1.6		
Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	PERI-PHYTON BIOMASS ASH FREE DRY PHYTON (49954)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M2) (70957)
AUG 22...	1155	338	20.8	510	539.9	34.100	397	85.8