

ANALYSES OF SAMPLES COLLECTED AT WATER QUALITY PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Water quality partial-record stations and miscellaneous sites are locations where chemical-quality, biological, or sediment data are collected once only, intermittently, or systematically but at limited frequency over a period of years for use in hydrologic analyses.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)	Total nitro- gen, wat unf ysis, mg/L (62855)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)
SPOKANE RIVER BASIN													
472448116442500 NS 1 (LAT 47 24 48N LONG 116 44 25W)													
OCT 2003													
22...	1115	25	6.78	1.89	<.010	<.016	<.006	.013	.13	1.61	2.30	.09	.16
APR 2004													
12...	1045	17	4.73	1.14	<.010	E.012	<.006	.018	.28	.45	.33	.24	.25
JUN													
22...	1030	18	5.28	1.14	<.010	<.016	<.006	.010	.07	.23	.62	<.04	E.02
AUG													
25...	1320	23	6.64	1.67	E.006	<.016	<.006	.009	.12	1.05	2.08	.06	.10
472721116473000 NS 2 (LAT 47 27 21N LONG 116 47 30W)													
OCT 2003													
22...	1225	--	--	--	<.010	<.016	<.006	.006	.07	.93	1.43	--	.24
APR 2004													
12...	1300	17	4.84	1.21	<.010	E.012	<.006	.015	.12	.49	.51	.08	.11
JUN													
22...	1150	18	5.17	1.16	<.010	<.016	<.006	.007	.07	.21	.46	E.04	.06
AUG													
26...	0915	24	6.59	1.81	E.007	<.016	<.006	.005	.16	.89	1.62	.15	.19
472750116555900 NS 3 (LAT 47 27 50N LONG 116 55 59W)													
OCT 2003													
22...	1320	22	5.88	1.79	<.010	<.016	<.006	.005	.06	.77	1.11	.18	.20
APR 2004													
12...	1400	19	5.14	1.58	<.010	.070	<.006	.012	.20	1.25	1.84	.28	.32
JUN													
22...	1300	18	5.08	1.38	<.010	<.016	<.006	.007	.10	.26	.45	.18	.23
AUG													
25...	1215	21	5.77	1.65	<.010	<.016	<.006	.005	.11	.90	1.78	.18	.21
472944116491500 NS 5 (LAT 47 29 44N LONG 116 49 15W)													
OCT 2003													
21...	1330	21	5.61	1.68	E.009	<.016	<.006	E.004	.14	.79	1.0	.21	.20
APR 2004													
13...	0945	18	4.90	1.43	<.010	.017	<.006	.016	.16	1.07	2.34	.26	.29
JUN													
24...	1425	19	5.14	1.38	<.010	<.016	<.006	.006	.04	.36	.61	.21	.26
AUG													
25...	1100	21	5.81	1.65	.012	<.016	<.006	E.003	.10	.57	1.19	.21	.29
473018116540200 NS 4 (LAT 47 30 18N LONG 116 54 02W)													
OCT 2003													
22...	1405	22	5.81	1.76	<.010	<.016	<.006	.006	.09	.57	.86	.19	.20
APR 2004													
12...	1500	19	5.07	1.54	<.010	.049	<.006	.012	.21	.91	1.0	.30	.32
JUN													
22...	1400	18	5.06	1.41	<.010	<.016	<.006	.006	.10	.55	.88	.20	.22
AUG													
25...	1000	22	5.89	1.68	E.005	<.016	<.006	.005	.09	.63	1.26	.18	.22
473212116464000 NS 6 (LAT 47 32 12N LONG 116 46 40W)													
OCT 2003													
21...	1140	21	5.51	1.65	.020	<.016	<.006	.005	.19	.68	1.35	.24	.28
APR 2004													
13...	1240	20	5.34	1.65	<.010	.035	<.006	.023	.20	.78	1.44	.28	.33
JUN													
24...	1320	19	5.14	1.40	<.010	<.016	<.006	.004	.10	.15	.38	.23	.23
AUG													
26...	1000	21	5.82	1.67	E.006	<.016	<.006	E.003	.12	.61	1.35	.18	.21

ANALYSES OF SAMPLES COLLECTED AT WATER QUALITY PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover- able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)
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SPOKANE RIVER BASIN

	472448116442500	NS 1	(LAT 47 24 48N LONG 116 44 25W)					
OCT 2003								
22...	14.5	138	.11	1.53	4.2	18.8	83.7	89.9
APR 2004								
12...	49.5	342	2.24	5.4	9.0	14.2	50.3	54.5
JUN								
22...	43.4	129	.25	.4	1.1	7.7	5.5	6.2
AUG								
25...	18.5	70.5	.09	.3	1.2	12.7	12.1	18.0
	472721116473000	NS 2	(LAT 47 27 21N LONG 116 47 30W)					
OCT 2003								
22...	--	61.6	--	3.0	--	12.7	--	66.2
APR 2004								
12...	40.2	195	.86	3.2	9.0	15.6	23.1	27.6
JUN								
22...	34.0	102	.39	.8	1.4	7.6	10.1	13.1
AUG								
26...	9.9	40.1	.24	1.3	.8	7.5	25.7	34.2
	472750116555900	NS 3	(LAT 47 27 50N LONG 116 55 59W)					
OCT 2003								
22...	7.3	42.8	.08	.93	1.9	6.7	54.6	53.2
APR 2004								
12...	24.1	191	1.07	6.2	6.5	18.3	77.4	82.6
JUN								
22...	20.5	76.4	.26	1.1	1.1	10.1	48.8	43.1
AUG								
25...	83.5	23.5	.09	.6	.5	5.6	33.1	42.9
	472944116491500	NS 5	(LAT 47 29 44N LONG 116 49 15W)					
OCT 2003								
21...	<6.4	19.0	.09	1.04	.8	4.2	53.2	55.4
APR 2004								
13...	19.9	183	1.24	7.4	7.4	20.8	60.0	68.6
JUN								
24...	19.3	59.3	.50	1.7	3.5	11.9	39.1	41.4
AUG								
25...	<6.4	23.2	.16	.9	.8	5.1	29.9	38.5
	473018116540200	NS 4	(LAT 47 30 18N LONG 116 54 02W)					
OCT 2003								
22...	85.4	29.8	8.07	.73	1.9	5.4	55.4	53.6
APR 2004								
12...	18.1	173	.95	5.7	5.7	16.7	79.3	82.7
JUN								
22...	12.5	50.3	.19	.9	1.5	7.1	42.4	47.2
AUG								
25...	<6.4	26.5	.12	.7	.8	5.3	27.7	35.8
	473212116464000	NS 6	(LAT 47 32 12N LONG 116 46 40W)					
OCT 2003								
21...	8.5	26.6	.14	1.13	1.8	4.6	71.0	74.8
APR 2004								
13...	17.5	139	.62	4.2	2.7	13.1	71.7	76.9
JUN								
24...	13.7	42.0	.35	1.3	2.4	9.0	42.7	45.7
AUG								
26...	<6.4	18.3	.09	.6	.5	4.7	28.3	35.8

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	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, unfltrd, mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Pheophytin a, phyton, ug/L (62360)	Chlorophyll a phyton, fluoro, ug/L (70953)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)
SPOKANE RIVER BASIN													
473326116493200 NS 7 (LAT 47 33 26N LONG 116 49 32W)													
NOV 2003													
04...	1155	22	5.81	1.70	<.010	E.014	<.006	.005	.10	.67	1.40	.22	.25
APR 2004													
14...	1000	21	5.62	1.76	.010	.087	<.006	.013	.27	1.28	2.08	.35	.37
JUN													
24...	1200	19	5.16	1.41	<.010	<.016	<.006	.008	.16	.17	.39	.24	.27
AUG													
26...	1055	21	5.81	1.66	E.005	<.016	<.006	E.003	.10	.48	1.38	.17	.20
473554116511100 NS 8 (LAT 47 35 54N LONG 116 51 11W)													
NOV 2003													
04...	1220	21	5.79	1.69	<.010	<.016	<.006	.005	.09	.65	1.32	.19	.21
APR 2004													
13...	1135	21	5.48	1.69	<.010	<.016	<.006	.014	.15	1.13	2.07	.23	.30
JUN													
23...	1440	19	5.21	1.48	<.010	<.016	<.006	.005	.09	.21	.40	.19	.24
AUG													
26...	1130	21	5.73	1.66	<.010	<.016	<.006	.005	.09	.67	1.44	.13	.17
473627116460800 NS 9 (LAT 47 36 27N LONG 116 46 08W)													
NOV 2003													
04...	1335	21	5.72	1.68	<.010	E.014	<.006	.010	.10	.58	1.08	.23	.24
APR 2004													
13...	1040	18	4.88	1.46	<.010	E.009	<.006	.014	.15	--	--	.29	.31
JUN													
23...	1335	19	5.18	1.45	<.010	<.016	<.006	E.004	.06	.41	.82	.20	.22
AUG													
26...	1215	21	5.77	1.66	E.006	<.016	<.006	.005	.10	.49	1.22	.18	.20
473653116411700 NS 12 (LAT 47 36 53N LONG 116 41 17W)													
NOV 2003													
05...	1135	21	5.75	1.69	<.010	E.011	<.006	.006	.10	.62	1.20	.20	.21
APR 2004													
14...	1215	20	5.21	1.60	<.010	<.016	<.006	.008	.12	.67	1.54	.20	.19
JUN													
23...	1030	19	5.09	1.46	<.010	<.016	<.006	.005	.05	.37	.89	.22	.23
AUG													
27...	1000	20	5.50	1.59	.010	<.016	<.006	E.004	.21	.52	1.16	.17	.21
473845116480000 NS 10 (LAT 47 38 45N LONG 116 48 00W)													
NOV 2003													
05...	1355	22	5.83	1.70	<.010	<.016	<.006	.005	.10	--	--	.18	.20
APR 2004													
14...	1100	22	5.73	1.77	<.010	.037	<.006	.014	.22	1.48	2.36	.30	.36
JUN													
23...	1245	19	5.30	1.52	<.010	<.016	<.006	.005	.07	.32	.58	.18	.23
AUG													
27...	1150	20	5.46	1.57	<.010	<.016	<.006	E.003	.09	.44	1.09	.15	.18
474023116484400 NS 11 (LAT 47 40 23N LONG 116 48 44W)													
NOV 2003													
05...	1305	21	5.76	1.68	<.010	<.016	<.006	.009	.12	.86	1.22	.14	.58
APR 2004													
14...	1130	22	5.84	1.80	<.010	.020	<.006	.015	.20	1.37	2.05	.11	.36
JUN													
23...	1130	19	5.19	1.49	<.010	<.016	<.006	.009	.09	.36	.61	.13	.20
AUG													
27...	1055	21	5.57	1.61	<.010	<.016	<.006	E.003	.10	.58	1.17	.14	.22

ANALYSES OF SAMPLES COLLECTED AT WATER QUALITY PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover- able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)
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SPOKANE RIVER BASIN

	473326116493200	NS 7	(LAT 47 33 26N	LONG 116 49 32W)				
NOV 2003 04...	13.7	48.5	.11	.91	1.6	5.1	71.9	72.6
APR 2004 14...	17.1	120	1.01	4.4	1.7	10.6	96.1	99.6
JUN 24...	13.0	44.9	.31	1.2	2.1	8.4	43.1	46.2
AUG 26...	E4.0	16.8	.09	1.8	.4	3.8	27.9	63.1
	473554116511100	NS 8	(LAT 47 35 54N	LONG 116 51 11W)				
NOV 2003 04...	10.4	52.8	.09	.79	1.8	6.2	63.8	69.0
APR 2004 13...	24.5	150	.57	2.6	5.0	9.1	97.7	106
JUN 23...	10	37.4	.10	.5	1.6	3.9	42.5	44.5
AUG 26...	E4.9	34.0	.08	1.0	.7	5.2	25.0	31.5
	473627116460800	NS 9	(LAT 47 36 27N	LONG 116 46 08W)				
NOV 2003 04...	6.4	22.0	.10	.70	.9	4.2	72.3	72.3
APR 2004 13...	17.7	174	1.20	7.2	6.4	18.7	83.1	85.5
JUN 23...	8.2	38.9	.15	.6	2.6	4.2	45.8	46.9
AUG 26...	<6.4	24.1	.09	.9	.9	5.5	27.9	38.9
	473653116411700	NS 12	(LAT 47 36 53N	LONG 116 41 17W)				
NOV 2003 05...	9.0	36.7	.12	.69	1.3	5.0	83.2	82.8
APR 2004 14...	9.5	51.2	.74	1.6	.9	2.9	64.5	65.7
JUN 23...	E4.1	24.7	E.05	.4	.7	2.6	50.3	51.2
AUG 27...	E3.4	26.0	E.07	.4	.4	4.1	24.7	31.0
	473845116480000	NS 10	(LAT 47 38 45N	LONG 116 48 00W)				
NOV 2003 05...	<6.4	21.4	E.05	.50	.6	2.8	57.7	59.2
APR 2004 14...	8.3	81.8	1.15	2.8	1.2	7.4	97.7	98.1
JUN 23...	E5.8	30.4	.11	.6	1.1	3.3	45.2	45.8
AUG 27...	<6.4	18.3	.09	.8	.4	3.7	26.9	33.7
	474023116484400	NS 11	(LAT 47 40 23N	LONG 116 48 44W)				
NOV 2003 05...	6.4	102	.14	6.07	2.2	5.1	68.8	93.6
APR 2004 14...	19.6	130	.94	4.7	5.6	10.4	80.2	97.2
JUN 23...	13.6	44.5	.24	.8	1.3	4.4	35.4	41.0
AUG 27...	<6.4	29.4	.14	1.2	1.1	5.8	24.8	33.9

< Less than
E Estimated value