

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-72, 1978, and 2001 to August 2005 (discontinued).

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

Date	Time	Sample location, cross section ft from rt bank (72103)	Specif. conductance, uS/cm (00095)	pH, water, unfltrd field, std units (00400)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Type of sample related QA data, code (99111)	Type of blank sample, code (99102)	Type of replicate, code (99105)	Specif. conductance, wat unft 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)
MAR														
30...	1750	225.0	277	--	.1	757	8.6	59						
30...	1752	380.0	273	--	.1	757	8.6	59						
30...	1754	600.0	274	--	.1	757	8.7	60						
30...	1756	850.0	--	--	.1	757	8.6	--						
30...	1758	1275	274	--	.1	757	8.6	59						
MAY														
13...	1135	375.0	171	8.0	5.9	756	11.4	92						
13...	1137	700.0	171	8.0	5.8	756	12.6	101						
13...	1139	1050	171	8.0	5.8	756	12.6	101						
13...	1141	1400	171	8.0	5.7	756	11.5	92						
13...	1143	1750	170	8.0	5.8	756	11.5	93						
23...	1620	318.0	155	8.4	9.7	--	10.7	--						
23...	1622	744.0	155	8.3	9.6	--	9.7	--						
23...	1624	1150	155	8.4	9.6	--	9.7	--						
23...	1626	1520	152	8.5	9.6	--	9.7	--						
23...	1628	1873	155	8.5	9.6	--	9.7	--						
JUN														
02...	1720	312.0	188	7.9	12.8	767	10.0	94						
02...	1722	770.0	189	8.0	12.8	767	9.7	91						
02...	1724	1125	189	8.0	12.7	767	9.5	89						
02...	1726	1500	189	8.0	12.6	767	9.5	89						
02...	1728	1890	189	8.0	12.6	767	9.6	89						
JUL														
06...	1750	223.0	228	7.9	17.3	750	10.4	110						
06...	1752	569.0	228	8.0	17.2	750	10.3	109						
06...	1754	872.0	228	8.0	17.2	750	10.4	110						
06...	1756	1176	226	8.0	17.2	750	10.4	110						
06...	1758	1538	228	8.0	17.2	750	10.3	109						
AUG														
01...	1620	200.0	242	8.1	15.1	762	9.8	97						
01...	1622	570.0	240	8.1	15.0	762	9.8	97						
01...	1624	885.0	240	8.1	14.9	762	9.9	98						
01...	1626	1180	238	8.1	14.9	762	9.8	97						
01...	1628	1530	242	8.1	14.9	762	9.8	97						
22...	1740	240.0	247	7.9	13.4	--	11.6	--						
22...	1742	604.0	247	7.9	13.4	--	11.6	--						
22...	1744	892.0	247	7.9	13.4	--	11.6	--						
22...	1746	1200	247	7.9	13.4	--	11.6	--						
22...	1748	1502	247	7.9	13.4	--	11.6	--						

Date	Time	Medium code	Sample type	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Type of blank sample, code (99102)	Type of replicate, code (99105)	Specif. conductance, wat unft 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)
MAR													
30...	1730	9	9	--	22000	20	3039	110	--	--	274	--	-7.8
MAY													
13...	1115	9	9	--	402000	20	3055	110	--	--	171	8.0	--
23...	1600	9	9	47.38	466000	20	3055	10	100	--	155	8.4	--
JUN													
02...	1700	9	9	--	398000	20	3055	30	--	10	189	8.0	--
JUL													
06...	1730	9	9	32.08	188000	20	3055	110	--	--	228	8.0	--
AUG													
01...	1600	9	9	30.60	173000	20	3055	110	--	--	240	8.1	--
22...	1720	9	9	29.90	163000	20	3055	110	--	--	247	7.9	--

Date	Temperature, water, deg C (00010)	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	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)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
MAR													
30...	.0	--	.0353	.0248	757	8.6	59	150	43.0	10.5	2.93	1.20	133
MAY													
13...	5.8	268	.6188	.4631	756	11.9	96	86	25.1	5.63	1.96	1.52	72
23...	9.6	235	.4134	.3108	--	9.9	--	80	23.3	5.25	1.70	1.12	70
JUN													
02...	12.7	156	.2852	.2129	767	9.7	91	36	10.4	2.49	.80	.40	84
JUL													
06...	17.2	223	.1086	.0802	750	10.4	110	120	33.3	8.64	2.60	1.44	91
AUG													
01...	14.9	135	.3118	.2445	762	9.8	97	120	32.5	8.59	2.83	1.23	103
22...	13.4	534	.0874	.0637	--	11.6	--	120	32.8	8.84	3.25	1.70	104

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE—Continued

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

Date	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Alka-linity, wat tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC, wat flt mg/L (70300)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
MAR 30...	.0	109	33.0	.85	.13	7.60	173	165	.002	.097	E.006	.1	E.06
MAY 13...	.0	55	20.5	1.22	E.07	4.14	140	96	.002	.066	.024	1.4	.6
MAY 23...	.0	58	20.1	.45	E.08	4.21	119	91	E.001	.053	<.010	.9	.3
JUN 02...	.0	69	25.8	.38	E.08	2.09	131	84	E.001	.058	<.010	.6	.3
JUL 06...	.0	75	33.8	.67	E.10	6.31	140	132	E.001	.044	.010	.3	.1
AUG 01...	.0	85	37.0	.59	.14	6.42	152	140	E.001	.053	.013	.3	.2
AUG 22...	.0	86	34.8	.62	.12	6.14	142	140	.002	.038	.015	.4	.2

Date	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)
MAR 30...	.022	<.004	<.006	E1.0	E.1	.4	57.5	<.06	12	<.04	<.8	.079	.7
MAY 13...	.62	.015	<.006	28.7	E.1	.7	45.4	<.06	E6	E.02	<.8	.329	5.7
MAY 23...	.55	.008	<.006	33.2	<.2	.7	38.0	<.06	13	<.04	<.8	.198	4.8
JUN 02...	.47	E.004	<.006	11.4	<.2	.2	17.3	<.06	E5	E.03	<.8	.076	5.1
JUL 06...	.43	E.003	<.006	24.1	E.2	.7	50.3	<.06	10	<.04	<.8	.080	1.8
AUG 01...	.28	E.002	<.006	19.9	E.2	.7	41.9	<.06	12	<.04	<.8	.097	2.1
AUG 22...	.52	E.003	<.006	17.4	.3	.7	48.3	<.06	14	<.04	<.8	.105	2.9

Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Organic carbon, water, fltrd, mg/L (00681)
MAR 30...	9	<.08	2.4	6.8	1.2	1.32	.7	<.20	180	.70	.6	.91	1.4
MAY 13...	163	.13	2.8	31.7	.5	4.15	E.2	<.20	92.1	.65	5.5	.53	17
MAY 23...	112	<.08	2.7	9.4	.6	2.63	.4	<.20	83.8	.57	1.7	.61	11
JUN 02...	26	1.44	1.0	2.5	E.3	3.54	<.4	<.20	43.2	.25	16.5	.22	8.0
JUL 06...	10	<.08	3.3	3.4	1.2	1.77	.6	<.20	140	.64	2.5	.89	3.8
AUG 01...	8	<.08	3.1	5.0	1.3	1.51	.7	<.20	148	.71	E.5	.78	3.8
AUG 22...	9	<.08	4.1	3.8	1.5	2.42	.6	<.20	148	.81	.7	.83	2.8

Date	Inor-ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Total carbon, suspnd sedimnt total, mg/L (00694)	Partic-ulate nitro-gen, susp, water, mg/L (49570)	Sus-pended sedi-ment concen-tration, mg/L (80154)	Sus-pended sedi-ment dis-charge, tons/d (80155)	Suspnd. sedi-ment sieve diametr percent <.063mm (70331)
MAR 30...	<.12	.418	.439	.027	14	832	94
MAY 13...	4.04	13.6	17.6	.823	985	1070000	84
MAY 23...	2.51	2.61	5.12	.241	781	984000	80
JUN 02...	3.17	6.72	9.89	.347	499	536000	79
JUL 06...	2.08	2.58	4.65	.156	403	205000	81
AUG 01...	2.66	3.19	5.84	.205	311	145000	75
AUG 22...	5.43	2.32	7.75	.209	616	271000	91