

# YUKON ALASKA

## 15453500 YUKON RIVER NEAR STEVENS VILLAGE

### WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-72, 1978, and 2001 to current year.

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

Date	Time	Sample location, cross section ft from rt bank (72103)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
APR								
01...	1620	220.0	284	7.7	.0	775	8.1	55
01...	1640	375.0	283	7.7	.0	775	8.2	55
01...	1700	600.0	284	7.7	.0	775	8.2	55
01...	1720	750.0	284	7.7	.0	775	8.2	55
01...	1740	825.0	284	7.7	.0	775	8.2	55
01...	1800	1050	284	7.7	.0	775	8.2	55
JUN								
04...	1508	350.0	164	8.1	13.7	753	9.6	94
04...	1510	768.0	165	8.1	13.7	753	9.5	93
04...	1512	1059	165	8.0	13.7	753	9.5	93
04...	1514	1385	165	8.1	13.7	753	9.5	93
04...	1516	1775	165	8.1	13.7	753	9.5	93
09...	1400	347.0	168	7.9	15.2	756	8.8	89
09...	1405	734.0	168	8.0	15.2	753	8.6	87
09...	1410	1057	166	8.0	15.3	753	8.8	89
09...	1415	1373	166	8.0	15.3	753	8.6	87
09...	1420	1744	168	8.0	15.3	753	8.7	88
23...	1200	377.0	206	7.8	20.1	756	9.1	101
23...	1210	750.0	206	8.0	20.1	756	9.2	102
23...	1220	1052	206	8.0	20.2	756	9.2	102
23...	1230	1345	205	8.0	20.3	756	9.2	103
23...	1240	1675	205	8.0	20.3	756	9.2	103
JUL								
13...	1420	300.0	231	7.9	17.6	759	9.3	98
13...	1425	680.0	229	7.9	17.6	759	9.4	99
13...	1430	1000	--	7.9	17.6	759	9.4	--
13...	1435	1300	229	7.9	17.6	759	9.4	99
13...	1440	1680	229	7.9	17.6	759	9.5	100
AUG								
17...	1600	365.0	230	8.0	17.6	761	--	--
17...	1610	746.0	230	8.0	17.5	761	--	--
17...	1620	1038	230	8.0	17.5	761	--	--
17...	1630	1310	230	7.9	17.5	761	--	--
17...	1640	1617	230	--	17.5	761	--	--
SEP								
10...	1500	480.0	244	7.9	8.0	759	11.2	95
10...	1505	805.0	244	8.0	8.1	759	11.1	94
10...	1510	1075	244	8.0	8.1	759	11.1	94
10...	1515	1310	244	8.0	8.2	759	11.1	94
10...	1520	1620	244	8.0	8.1	759	11.1	94

  

Date	Time	Medium code	Sample type	Ice thick-ness, feet (82130)	Stream width, feet (00004)	Gage height, feet (00065)	Instan-taneous dis-charge, cfs (00061)	Sam-pling method, code (82398)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, air, deg C (00020)
APR													
01...	1900	9	9	2.50	1900	--	20600	20	3039	1	284	7.7	-18.0
JUN													
04...	1520	9	9	--	2230	--	424000	20	3055	30	165	8.1	18.0
09...	1430	9	9	--	1980	--	394000	20	3055	1	167	8.0	--
23...	1300	9	7	--	--	36.70	265000	20	3055	30	206	7.9	24.0
JUL													
13...	1450	9	9	--	--	--	189000	20	3055	1	229	7.9	--
AUG													
17...	1650	9	9	--	1980	28.45	151000	20	3055	1	230	7.9	22.5
SEP													
10...	1530	9	9	--	--	--	--	20	3055	1	244	8.0	--

  

Date	Temperature, water, deg C (00010)	Turbid-ity, wat unf lab, 2100AN NTU (99872)	UV absorb-ance, 254 nm, wat flt units /cm (50624)	UV absorb-ance, 280 nm, wat flt units /cm (61726)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)
APR													
01...	.0	3	.0363	.0260	775	8.2	55	160	45.3	11.0	3.39	1.2	132
JUN													
04...	13.7	221	.3672	.2760	759	9.5	92	85	25.5	5.22	1.59	.98	74
09...	15.3	153	.2764	.2063	756	8.7	87	86	25.1	5.54	1.62	.92	74
23...	20.0	122	.1358	.0992	756	9.2	102	110	30.2	7.19	2.08	1.0	88
JUL													
13...	17.6	496	.0574	.0411	759	9.4	99	110	30.2	7.57	2.72	1.7	84
AUG													
17...	17.5	135	.0655	.0469	761	7.5	79	110	32.2	8.04	2.97	1.5	100
SEP													
10...	8.1	118	.0601	.0426	759	11.1	94	120	34.8	8.45	3.21	1.4	116

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE--Continued

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

Date	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alka-linity, wat flt fxd end field, mg/L as CaCO3 (39036)	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 + nitrate 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)
APR 01...	.0	108	110	35.1	1.33	<.17	7.36	185	170	<.002	.084	<.010	E.09
JUN 04...	.0	61	62	19.0	.58	<.17	4.41	121	94	.002	.033	<.010	.8
09...	.0	61	62	20.7	.55	<.17	4.73	113	96	E.001	.033	<.010	.7
23...	.0	72	72	29.1	.66	<.17	5.94	135	120	<.002	.036	<.010	.4
JUL 13...	.0	69	69	32.8	.94	.28	5.68	141	124	E.001	.032	E.005	.4
AUG 17...	.0	82	82	37.7	.68	<.17	5.49	142	138	<.002	.037	E.005	.3
SEP 10...	.0	95	93	37.9	.91	<.17	5.67	164	150	E.001	.038	.010	.2

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	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)
APR 01...	E.06	.007	E.003	<.006	1.6	E.1	.4	67.8	<.06	15	<.04	<.8	.123
JUN 04...	.3	.649	.008	<.006	29.3	E.2	.6	39.3	<.06	E4	E.02	<.8	.154
09...	.2	.465	.005	<.006	26.2	E.2	.6	42.3	<.06	E5	<.04	<.8	.112
23...	.1	.325	.004	<.006	21.4	.2	.7	50.7	<.06	E6	<.04	<.8	.131
JUL 13...	E.07	.50	<.004	<.006	23.6	.3	.7	49.2	<.06	10	<.04	<.8	.111
AUG 17...	E.08	.40	E.003	<.006	24.9	.2	.6	47.1	<.06	14	<.04	<.8	.093
SEP 10...	E.09	.20	<.004	<.006	13.4	E.2	.6	46.9	<.06	15	<.04	<.8	.150

Date	Copper, water, fltrd, ug/L (01040)	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)
APR 01...	.8	15.5	<.08	3.3	20.4	1.5	1.06	.6	<.20	178	.37	.8	1.15
JUN 04...	3.6	107	.10	2.1	4.2	.7	2.53	E.3	<.20	85.8	.69	1.0	.62
09...	2.8	60.5	.08	2.0	3.8	.7	1.86	.4	<.20	94.7	.49	E.5	.62
23...	2.0	15.8	<.08	2.6	3.5	1.0	1.54	.6	<.20	109	.65	E.5	.82
JUL 13...	1.4	<6.4	<.08	3.0	3.2	1.5	1.07	.7	<.20	138	.73	<.6	.97
AUG 17...	1.5	6.7	<.08	3.8	1.8	1.5	1.07	.5	<.20	144	.93	.7	.93
SEP 10...	2.7	E6.1	<.08	5.2	8.0	1.5	1.11	.6	<.20	157	.56	1.1	.91

Date	Organic carbon, water, fltrd, mg/L (00681)	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 <.063mm percent (70331)
APR 01...	1.8	<.12	.140	.148	<.022	4	222	87
JUN 04...	10	2.17	7.03	9.20	.511	612	701000	80
09...	9.1	.956	4.28	5.24	.292	415	441000	74
23...	4.6	<.12	2.83	2.89	.155	351	251000	72
JUL 13...	2.4	7.67	6.28	13.9	.285	664	339000	89
AUG 17...	1.2	6.10	1.70	7.79	.131	460	188000	88
SEP 10...	2.2	.683	1.41	2.09	.072	236	--	74