

SOUTH-CENTRAL ALASKA

15292800 MONTANA CREEK NEAR MONTANA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-73, 1982-83, and June to September 2005.

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

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
JUN 03...	1540	9	9	78.0	6.02	1110	20	3054	--	24	7.1	12.5	9.5
JUL 07...	1400	9	9	83.0	4.84	344	10	3044	--	50	7.2	21.0	16.0
SEP 23...	1350	9	9	69.0	5.97	1110	20	3054	1	36	7.1	13.3	9.0
Date	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Hardness, water, mg/L as CaCO3 (00900)	Calcium unfltrd recover, mg/L (00916)	Calcium water, fltrd, mg/L (00915)	Magnesium unfltrd recover, mg/L (00927)	Magnesium water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end field, mg/L as CaCO3 (39036)
JUN 03...	757	10.9	96	11	--	3.85	--	.385	1.11	.40	11	9	9.2
JUL 07...	747	9.8	101	19	--	6.55	--	.608	1.84	.51	17	14	15
SEP 23...	751	10.6	93	14	4.43	4.70	.57	.513	1.38	.66	14	11	12
Date	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, 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 constituents 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, unfltrd, mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd, mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)
JUN 03...	2.6	.60	<.1	7.57	--	22	<.002	.091	<.010	.11	<.10	.019	<.004
JUL 07...	4.4	1.36	<.1	8.51	35	32	E.001	.048	<.010	E.08	<.10	.007	.004
SEP 23...	2.6	1.26	<.1	9.01	46	28	E.001	.148	E.005	.27	.28	.025	.008
Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Aluminum, water, unfltrd recover, ug/L (01105)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, unfltrd, ug/L (01097)	Antimony, water, fltrd, ug/L (01095)	Arsenic, water, fltrd, ug/L (01000)	Barium, water, unfltrd recover, ug/L (01007)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, unfltrd recover, ug/L (01012)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, unfltrd recover, ug/L (01022)	Boron, water, fltrd, ug/L (01020)	Cadmium, water, unfltrd, ug/L (01027)
JUN 03...	<.006	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	<.006	--	--	--	--	--	--	--	--	--	--	--	--
SEP 23...	<.006	287	71	<.2	<.20	E.2	10	7	<.06	<.06	E4	<8	<.04
Date	Cadmium water, fltrd, ug/L (01025)	Chromium, water, unfltrd recover, ug/L (01034)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, unfltrd recover, ug/L (01037)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, unfltrd recover, ug/L (01042)	Copper, water, fltrd, ug/L (01040)	Iron, water, unfltrd recover, ug/L (01045)	Iron, water, fltrd, ug/L (01046)	Lead, water, unfltrd recover, ug/L (01051)	Lead, water, fltrd, ug/L (01049)	Lithium, water, unfltrd recover, ug/L (01132)	Lithium, water, fltrd, ug/L (01130)
JUN 03...	--	--	--	--	--	--	--	--	39	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	61	--	--	--	--
SEP 23...	<.04	.26	.11	.214	.063	N	2.0	630	200	N	.37	.8	.8

SOUTH-CENTRAL ALASKA

15292800 MONTANA CREEK NEAR MONTANA—Continued

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

Date	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Mangan- ese, water, fltrd, ug/L (01056)	Mercury water, unfltrd recover- able, ug/L (71900)	Mercury water, fltrd, ug/L (71890)	Molyb- denum, water, unfltrd recover- able, ug/L (01062)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, unfltrd recover- able, ug/L (01067)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, unfltrd fltrd, ug/L (01147)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, unfltrd recover- able, ug/L (01077)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, unfltrd recover- able, ug/L (01082)
JUN 03...	--	2.5	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	4.4	--	--	--	--	--	--	--	--	--	--	--
SEP 23...	18	5.9	E.01	<.01	.4	.4	.47	.41	E.05	<.4	<.16	<.2	20.6

Date	Stront- ium, water, fltrd, ug/L (01080)	Thall- ium, water, unfltrd ug/L (01059)	Thall- ium, water, fltrd, ug/L (01057)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, unfltrd recover- able, ug/L (01092)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water unfltrd ug/L (28011)	Uranium natural water, fltrd, ug/L (22703)	Organic carbon, water, fltrd, mg/L (00681)	Total carbon, suspnd 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)
JUN 03...	--	--	--	--	--	--	--	--	2.2	--	--	25	75
JUL 07...	--	--	--	--	--	--	--	--	1.7	--	--	2	1.9
SEP 23...	20.6	<.2	<.04	.4	E2	3.4	.087	.06	5.3	.8	.07	31	93