

# SOUTH-CENTRAL ALASKA

## 15281000 KNIK RIVER NEAR PALMER

### WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948-58, 1961-72, 1974-75, 1989, 2003 and current year.

PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE: Water years 1962-66.

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

Date	Time	Medium code	Stream width, feet (00004)	Location in X-sect. looking downstrm ft from l bank (00009)	Gage height, feet (00065)	Startng time, 24 hour clock, hr:min (82073)	Ending time, 24 hour clock, hr:min (82074)	Instan-taneous dis-charge, cfs (00061)	Sampler type, code (84164)	Sam-pling method, code (82398)	Temper-ature, water, deg C (00010)	Temper-ature, air, deg C (00020)	Sus-pended sedi-ment concen-tration mg/L (80154)
NOV													
04...	1315	9	382	--	6.44	1315.00	1348.00	3520	3055	20	1.0	1.5	27
04...	1405	9	382	304	6.44	1405.00	1505.00	3510	1100	1000	1.0	1.5	--
04...	1520	H	382	--	6.44	1520.00	1802.00	3510	8010	--	1.0	1.5	--

Date	Sus-pended sedi-ment dis-charge, tons/d (80155)	Suspnd. sedi-ment, sieve diametr percent <.063mm (70331)	Bedload dis-charge, tons/d (80225)	Bedload sedimnt dschrge average unit cposit t/d/ft (04122)	Compstd samples in x-sec bedload measmnt number (04118)	Number of sam-pling points, count (00063)	Verti-cals in com-posite sample, number (04119)	Hori-zontal width of verti-cal, feet (04121)	Rest time on bed for bed load sample, seconds (04120)	Bag mesh size, bedload sampler mm (30333)	Tether line used in sampling (yes=1) code (04117)	Bedload sedi-ment, sieve diametr percent <.125mm (80227)	Bedload sedi-ment, sieve diametr percent <.25mm (80228)
NOV													
04...	256	90	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	24	.06	2	1	18	4.0	60	.025	1	.0	1
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Bedload sedi-ment, sieve diametr percent <.5 mm (80229)	Bedload sedi-ment, sieve diametr percent <1 mm (80230)	Bedload sedi-ment, sieve diametr percent <2 mm (80231)	Bedload sedi-ment, sieve diametr percent <4 mm (80232)	Bedload sedi-ment, sieve diametr percent <8 mm (80233)	Bedload sedi-ment, sieve diametr percent <16 mm (80234)	Bed sedi-ment, wsv nat field, percent <.031mm (49286)	Bed sedi-ment, dry svd sve dia percent <.063mm (80164)	Bed sedi-ment, dry svd sve dia percent <.125mm (80165)	Bed sedi-ment, dry svd sve dia percent <.25mm (80166)	Bed sedi-ment, dry svd sve dia percent <.5 mm (80167)	Bed sedi-ment, dry svd sve dia percent <1 mm (80168)	Bed sedi-ment, dry svd sve dia percent <2 mm (80169)
NOV													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
04...	38	63	83	92	98	100	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	.0	1	7	34	72	86	92

Date	Bed sedi-ment, dry svd sve dia percent <4 mm (80170)	Bed sedi-ment, dry svd sve dia percent <8 mm (80171)	Bed sedi-ment, dry svd sve dia percent <16 mm (80172)
NOV			
04...	--	--	--
04...	--	--	--