

YUKON ALASKA

15320100 WADE CREEK TRIBUTARY NEAR CHICKEN

LOCATION.-- Lat 64°07'06", long 141°33'13", in SE¹/₄ sec. 18, T. 27 N., R. 20 E. (Eagle A-2 quad), Hydrologic Unit 19040104, on left bank, 600 ft upstream from Taylor Highway, 0.4 mi upstream from the culvert at mi 86.1 Taylor Highway and 12 mi northeast of Chicken.

DRAINAGE AREA.--4.24 mi².

PERIOD OF RECORD.--Annual maximum, water year 1995. May 1996 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 1970 ft above sea level, from topographic map. Prior to June 19, 1997, recording gage was at a site 700 ft downstream at a different datum.

REMARKS.--No estimated daily discharges. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 236 ft³/s, June 13, 1997, from rating curve extended above 14 ft³/s on basis of slope-area measurement of peak flow, gage height, 22.7 ft, from floodmarks; no flow most days during the winter.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge, 127 ft³/s, July 24, gage height, 22.04 ft, no flow most days during the winter.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	16	.47	15	1.4
2	---	---	---	---	---	---	---	---	9.5	.64	9.7	2.9
3	---	---	---	---	---	---	---	---	6.8	.79	7.1	5.2
4	---	---	---	---	---	---	---	---	6.5	2.9	7.0	5.2
5	---	---	---	---	---	---	---	---	6.6	4.1	5.5	4.5
6	---	---	---	---	---	---	---	---	4.8	6.2	4.6	13
7	---	---	---	---	---	---	---	---	4.5	16	3.5	6.6
8	---	---	---	---	---	---	---	---	5.5	8.7	2.4	3.5
9	---	---	---	---	---	---	---	---	4.3	5.1	2.1	2.4
10	---	---	---	---	---	---	---	---	3.3	3.9	1.8	1.6
11	---	---	---	---	---	---	---	---	2.6	3.8	1.6	1.2
12	---	---	---	---	---	---	---	---	2.6	3.1	2.0	.88
13	---	---	---	---	---	---	---	---	24	2.2	2.0	.68
14	---	---	---	---	---	---	---	---	19	1.8	1.6	.52
15	---	---	---	---	---	---	---	---	10	1.7	1.4	.45
16	---	---	---	---	---	---	---	---	5.8	1.6	1.3	.70
17	---	---	---	---	---	---	---	---	3.8	1.3	1.7	1.4
18	---	---	---	---	---	---	---	---	2.8	1.2	1.7	1.8
19	---	---	---	---	---	---	---	---	2.2	1.1	1.9	2.0
20	---	---	---	---	---	---	---	---	1.8	.91	1.8	2.0
21	---	---	---	---	---	---	---	---	1.8	.94	1.5	2.0
22	---	---	---	---	---	---	---	---	24	1.5	2.6	1.4
23	---	---	---	---	---	---	---	---	26	1.3	26	1.4
24	---	---	---	---	---	---	---	---	31	1.1	59	1.3
25	---	---	---	---	---	---	---	---	27	1.0	20	1.3
26	---	---	---	---	---	---	---	---	25	.80	16	1.5
27	---	---	---	---	---	---	---	---	25	.44	14	1.6
28	---	---	---	---	---	---	---	---	23	.42	10	1.8
29	---	---	---	---	---	---	---	---	14	.45	8.4	1.5
30	---	---	---	---	---	---	---	---	12	.42	11	2.0
31	---	---	---	---	---	---	---	---	20	---	17	1.6
TOTAL	---	---	---	---	---	---	---	---	151.63	252.45	92.6	---
MEAN	---	---	---	---	---	---	---	---	5.05	8.14	2.99	---
MAX	---	---	---	---	---	---	---	---	24	59	15	---
MIN	---	---	---	---	---	---	---	---	.42	.47	1.3	---
AC-FT	---	---	---	---	---	---	---	---	301	501	184	---
CFSM	---	---	---	---	---	---	---	---	1.19	1.92	.70	---
IN.	---	---	---	---	---	---	---	---	1.33	2.21	.81	---

YUKON ALASKA

15356000 YUKON RIVER AT EAGLE (International Gaging Station)

LOCATION.--Lat 64°47'22", long 141°11'52", in NW¹/₄ sec. 31, T. 1 S., R. 33 E. (Eagle D-1 quad), Hydrologic Unit 19040401, on left bank at Eagle, 0.1 mi upstream from Mission Creek, 1.1 mi downstream from Castalia Creek, and 11 mi downstream from the international boundary.

DRAINAGE AREA.--113,500 mi², approximately.

PERIOD OF RECORD.--January 1911 to December 1913, June 1950 to current year. Monthly discharge only for some periods, published in WSP 1372.

GAGE.--Water-stage recorder. Elevation of gage is 850 ft above sea level, from topographic map. See WSP 1936 for history of changes prior to October 1, 1963. Nonrecording gage prior to June 26, 1982 at same site and datum.

REMARKS.--Records good except for the period May 18 to 21 and estimated daily discharges, which are poor. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	197000	e66000	e45000	e33500	e27500	e23500	e21000	e26000	176000	193000	229000	121000
2	196000	e62000	e45000	e33000	e27500	e23500	e21000	e28000	194000	189000	223000	121000
3	190000	e59000	e44000	e33000	e27500	e23000	e21000	e30000	205000	188000	215000	123000
4	182000	e56000	e44000	e32500	e27000	e23000	e21000	e32000	215000	191000	207000	128000
5	174000	e54000	e43000	e32500	e27000	e23000	e21000	e34000	231000	198000	203000	129000
6	167000	e52000	e43000	e32000	e27000	e23000	e21000	e37000	257000	206000	199000	128000
7	161000	e51000	e42000	e32000	e26500	e23000	e21000	e41000	270000	218000	195000	137000
8	156000	e51000	e42000	e32000	e26500	e23000	e21000	e45000	279000	232000	192000	147000
9	155000	e52000	e41000	e31500	e26500	e22500	e21000	e50000	286000	239000	188000	149000
10	152000	e53000	e41000	e31500	e26000	e22500	e21000	e55000	288000	242000	183000	147000
11	149000	e54000	e41000	e31500	e26000	e22500	e21000	e61000	286000	235000	178000	140000
12	148000	e55000	e40000	e31000	e26000	e22500	e21000	e68000	292000	227000	173000	135000
13	146000	e56000	e40000	e31000	e25500	e22500	e21000	e76000	305000	218000	167000	132000
14	143000	e57000	e39000	e30500	e25500	e22500	e21000	e84000	323000	208000	162000	129000
15	138000	e57000	e39000	e30500	e25500	e22000	e21000	e93000	333000	200000	157000	125000
16	134000	e57000	e39000	e30500	e25000	e22000	e21000	e105000	341000	200000	153000	122000
17	131000	e56000	e38000	e30000	e25000	e22000	e21000	e115000	348000	206000	152000	119000
18	128000	e56000	e38000	e30000	e25000	e22000	e21000	126000	360000	204000	151000	116000
19	125000	e55000	e38000	e30000	e24500	e22000	e21000	122000	358000	204000	152000	115000
20	121000	e54000	e37000	e29500	e24500	e22000	e21000	131000	353000	205000	152000	114000
21	118000	e53000	e37000	e29500	e24500	e22000	e21000	133000	344000	205000	152000	115000
22	112000	e52000	e36000	e29000	e24500	e21500	e21500	e142000	335000	204000	147000	117000
23	109000	e51000	e36000	e29000	e24000	e21500	e21500	153000	318000	208000	142000	121000
24	106000	e50000	e36000	e29000	e24000	e21500	e21500	162000	297000	228000	137000	121000
25	103000	e49000	e35000	e28500	e24000	e21500	e22000	165000	281000	268000	133000	120000
26	99500	e48000	e35000	e28500	e24000	e21500	e22500	159000	265000	261000	132000	118000
27	e89000	e48000	e35000	e28500	e23500	e21500	e23000	155000	250000	282000	131000	116000
28	e82000	e47000	e34500	e28000	e23500	e21500	e23500	156000	231000	305000	129000	114000
29	e78000	e47000	e34000	e28000	---	e21500	e24000	154000	214000	305000	128000	111000
30	e73000	e46000	e34000	e28000	---	e21000	e25000	150000	200000	277000	127000	109000
31	e69000	---	e33500	e28000	---	e21000	---	156000	---	246000	123000	---
TOTAL	4131500	1604000	1205000	942000	713500	688000	645500	3044000	8435000	6992000	5112000	3739000
MEAN	133300	53470	38870	30390	25480	22190	21520	98190	281200	225500	164900	124600
MAX	197000	66000	45000	33500	27500	23500	25000	165000	360000	305000	229000	149000
MIN	69000	46000	33500	28000	23500	21000	21000	26000	176000	188000	123000	109000
AC-FT	8195000	3182000	2390000	1868000	1415000	1365000	1280000	6038000	16730000	13870000	10140000	7416000
CFSM	1.17	.47	.34	.27	.22	.20	.19	.87	2.48	1.99	1.45	1.10
IN.	1.35	.53	.39	.31	.23	.23	.21	1.00	2.76	2.29	1.68	1.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2001, BY WATER YEAR (WY)#

	MEAN	74500	38070	25650	21010	18780	17210	19330	124100	225100	183200	144400	112200
MAX	133300	62500	38870	30390	28000	25480	41530	201500	456800	269500	200400	187900	
(WY)	2001	1953	2001	2001	1977	1977	1990	1993	1964	1992	2000	2000	
MIN	45870	24000	13000	9000	7200	7800	8650	61770	120900	108900	88710	70690	
(WY)	1959	1959	1951	1951	1951	1956	1956	1964	1953	1998	1998	1998	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1950 - 2001	
ANNUAL TOTAL	38480600	37251500		
ANNUAL MEAN	105100	102100	84230	
HIGHEST ANNUAL MEAN			110900	1964
LOWEST ANNUAL MEAN			61020	1958
HIGHEST DAILY MEAN	320000	Jun 20	360000	Jun 18
LOWEST DAILY MEAN	a16500	Apr 1	b21000	Mar 30
ANNUAL SEVEN-DAY MINIMUM	16500	Apr 1	21000	Mar 30
MAXIMUM PEAK FLOW			362000	Jun 18
MAXIMUM PEAK STAGE		26.83	Jun 18	33.85
MAXIMUM PEAK STAGE		d33.7	May 12	
ANNUAL RUNOFF (AC-FT)	76330000	73890000	61020000	
ANNUAL RUNOFF (CFSM)	.93	.90	.74	
ANNUAL RUNOFF (INCHES)	12.61	12.21	10.08	
10 PERCENT EXCEEDS	223000	228000	199000	
50 PERCENT EXCEEDS	57000	56000	45000	
90 PERCENT EXCEEDS	16600	22000	16000	

See Period of Record; partial years used in monthly statistics
a From Apr. 1-20
b From Mar. 30 - Apr. 21
c Feb. 1-28, 1951
d From floodmarks, backwater from ice
e Estimated

YUKON ALASKA

15356000 YUKON RIVER AT EAGLE--Continued (International Gaging Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950-57, 1962-70, 1974-76, 1978-79, and 2001.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT: 1962 TO 1966.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	QUALITY ASSUR- ANCE DATA INDICA- TOR CODE (99111)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPERA- TURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)
JUN													
04...	1916	440.0	164	7.8	10.0	745	10.9	99					
04...	1918	650.0	162	7.9	10.0	745	10.8	98					
04...	1920	800.0	159	7.9	10.0	745	10.9	99					
04...	1925	970.0	160	7.9	10.0	745	10.8	98					
04...	1927	1190	159	7.9	10.0	745	10.6	96					
20...	1415	1190	185	7.9	13.5	746	9.5	93					
20...	1418	960.0	181	7.9	13.5	746	9.5	93					
20...	1446	800.0	185	7.9	13.5	746	9.5	93					
20...	1454	650.0	184	8.0	13.5	746	9.5	93					
20...	1457	430.0	183	8.0	13.5	746	9.5	93					
JUL													
11...	1251	1190	201	8.0	14.0	747	9.2	91					
11...	1253	960.0	201	8.0	14.0	747	9.2	91					
11...	1254	800.0	202	8.0	14.0	747	9.0	90					
11...	1256	650.0	202	8.0	14.0	747	9.1	90					
11...	1257	430.0	206	8.0	14.0	747	9.1	90					
AUG													
09...	1248	430.0	218	7.5	14.5	754	9.7	96					
09...	1249	650.0	216	7.6	14.5	754	9.6	95					
09...	1250	800.0	216	7.7	14.5	754	9.6	95					
09...	1251	960.0	216	7.7	14.5	754	9.4	93					
09...	1252	1190	216	7.7	14.5	754	9.3	92					
SEP													
11...	1241	500.0	188	8.0	8.5	751	11.0	96					
11...	1244	700.0	187	8.0	8.5	751	11.1	96					
11...	1249	800.0	187	8.1	8.5	751	11.1	96					
11...	1251	960.0	187	8.0	8.5	751	11.0	96					
11...	1253	1150	186	8.1	8.5	751	10.7	93					
OCT													
04...	1530	9	9	1520	17.63	180000	20	3055	1	208	8.2	-1.0	1.0
MAR													
23...	1140	9	9	1120	--	21500	20	3060	30	244	7.4	-23.0	.00
JUN													
04...	1900	9	9	1550	19.95	219000	20	3055	100	163	7.9	16.5	10.0
20...	1330	9	9	1540	26.50	355000	20	3055	100	184	7.9	--	13.6
JUL													
11...	1210	9	9	1550	20.87	230000	20	3055	30	202	8.0	18.0	14.0
AUG													
09...	1145	9	7	1550	18.09	188000	20	3055	100	216	7.6	17.5	14.6
SEP													
11...	1140	9	9	1380	15.03	140000	20	3055	30	187	8.1	--	8.4

YUKON ALASKA

15356000 YUKON RIVER AT EAGLE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TURBID- ITY (NTU) (00076)	TURBID- HACH 2100AN (NTU) (99872)	UV	UV	BARO-	OXYGEN DIS- CENT (MG/L) (00300)	OXY-	HARD- NESS TOTAL (MG/L) CACO3 (00900)	CAL-	MAGNE-	SODIUM DIS- SOLVED (MG/L) AS NA (00930)	ANC	POTAS-
			ABSOR- BANCE 254 NM, WTR FLT (UNITS/ CM) (50624)	ABSOR- BANCE 280 NM, (UNITS/ CM) (61726)	METRIC PRES- SURE (MM OF HG) (00025)		GEN, DIS- OLVED (PER- CENT SATUR- ATION) (00301)		CIUM DIS- SOLVED (MG/L) AS CA (00915)	SIUM, DIS- SOLVED (MG/L) AS MG (00925)		WATER UNFL- TRD FET FIELD MG/L AS CACO3 (00410)	SIUM- DIS- SOLVED (MG/L) AS K (00935)
OCT 04...	32	42	.204	.151	750	--	--	100	27.3	8.00	2.2	76	.92
MAR 23...	.7	4.2	.040	.028	767	10.8	73	120	34.1	9.21	2.7	99	1.16
JUN 04...	--	180	.400	.302	745	10.8	98	81	22.1	6.12	1.8	55	1.08
JUN 20...	--	270	.173	.129	746	9.5	93	92	25.2	7.09	1.7	65	.87
JUL 11...	--	.5	--	--	747	9.1	90	96	26.1	7.51	2.1	68	1.17
AUG 09...	--	--	.108	.078	754	9.5	94	100	28.3	8.06	2.5	76	1.55
SEP 11...	--	63	.192	.140	751	11.0	95	100	27.4	8.04	2.3	70	1.06
								SOL- IDS, RISI- DUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOL- IDS, SUM OF CON- STITU- ENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN CON- NITRITE DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMO- NIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN, AMMO- NIA + ORGANIC TOTAL (MG/L) AS N (00625)
OCT 04...	93	.0	76	29.7	.5	E.1	7.7	141	123	.001	.042	.007	.31
MAR 23...	121	.0	99	30.7	.8	E.1	6.5	153	150	.008	1.03	.056	.08
JUN 04...	67	.0	55	19.5	.4	E.1	5.4	114	90	.001	.029	.004	.68
JUN 20...	78	.0	64	26.2	.4	E.1	6.0	130	106	<.001	.033	.005	.59
JUL 11...	81	.0	66	28.9	.6	E.1	6.3	128	113	.001	.024	.007	.41
AUG 09...	92	.0	76	31.5	.9	E.1	6.3	130	125	<.001	.021	<.002	E.38
SEP 11...	84	.0	69	32.2	.5	E.1	7.1	132	120	E.002	E.025	E.004	E.28
								ALUMI- NUM SED, SUS PER- CENT (01106)	ALUMI- NUM, DIS- SOLVED (UG/L) AS AL (29816)	ANTI- MONY DIS- SOLVED SUSP. (UG/L) AS SB (01095)	ARSENIC SED, SUSP. (UG/G) AS AS (29818)	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	BARIIUM SED. SUSP. (UG/G) (29820)
OCT 04...	.18	--	<.006	.001	.10	.08	6.5	21	1.0	.12	8.9	<2.0	960
MAR 23...	E.06	.004	<.006	<.007	--	--	--	2	--	.10	--	.4	--
JUN 04...	.26	.931	.007	<.007	<.10	.1	6.5	45	1.5	.14	12	.6	930
JUN 20...	E.09	.825	E.006	<.007	<.10	.1	6.7	25	1.6	.17	11	.7	910
JUL 11...	.12	.503	<.006	<.007	<.10	.1	6.5	30	1.6	.18	11	.5	830
AUG 09...	.11	.764	<.006	<.007	<.10	.1	6.8	23	1.7	.20	13	.6	700
SEP 11...	E.14	E.240	<.006	<.007	<.10	.09	6.6	34	1.3	.13	11	.5	890

YUKON ALASKA

15356000 YUKON RIVER AT EAGLE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	BAR-IUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM SED, SUSP. (UG/G) (29822)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON DIS-SOLVED (UG/L AS B) (01020)	CAD-MIUM SED. SUSP. (UG/G) (29826)	CAD-MIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM SED. SUSP. (UG/G) (29829)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT SEDI-MENT SUSP. (UG/G) (35031)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER SED. SUSP. (UG/G) (29832)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON SEDI-MENT SUSP. PERCENT (30269)
OCT 04...	36.7	1	<.06	<16	.6	.04	95	E.6	13	.14	28	2.0	3.3
MAR 23...	52.0	--	<.06	12	--	E.03	--	<.8	--	.06	--	.9	--
JUN 04...	33.4	2	<.06	E6	.7	E.03	93	<.8	16	.12	33	3.6	3.8
JUN 20...	39.5	2	<.06	8	.6	<.04	97	<.8	18	.08	35	2.5	3.8
JUL 11...	36.0	2	E.04	8	.5	<.04	98	<.8	18	.07	35	2.2	3.8
AUG 09...	40.0	1	<.06	E6	.5	<.04	94	<.8	17	.06	34	1.2	4.3
SEP 11...	38.2	1	<.06	12	.6	E.02	110	E.4	15	.08	31	2.1	3.6

DATE	IRON DIS-SOLVED (UG/L AS FE) (01046)	LEAD SED. SUSP. (UG/G) (29836)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITH-IUM SEDI-MENT SUSP. (UG/G) (35050)	LITH-IUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE SED. SUSP. (UG/G) (29839)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MER-CURY SED, SUSP. (UG/G) (29841)	MOLYB-DENUM SUSP. (UG/G) (29843)	MOLYB-DENUM, DIS-SOLVED (UG/LAS MO) (01060)	NICKEL SED. SUSP. (UG/G) (29845)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM SED. SUSP. (UG/G) (29847)
OCT 04...	30	11	E.04	22	<3.9	720	5.9	.05	<5	1.0	48	2.50	M
MAR 23...	M	--	.10	--	2.3	--	1.5	--	--	1.3	--	.74	--
JUN 04...	100	14	E.05	22	1.6	850	7.2	.05	2	.7	46	2.02	M
JUN 20...	30	10	<.08	27	2.0	840	5.1	.05	2	.8	47	1.35	M
JUL 11...	20	9.0	<.08	27	2.7	780	3.0	.06	3	1.0	51	.99	M
AUG 09...	M	10	<.08	25	2.7	760	1.5	.01	2	1.3	49	.29	M
SEP 11...	40	10	<.08	23	2.5	760	4.2	.03	4	1.1	56	.77	M

DATE	SELE-NIUM DIS-SOLVED (UG/L AS SE) (01145)	SILVER SED. SUSP. (UG/G) (29850)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM SEDI-MENT SUSP. (UG/G) (35040)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM SUS SED (UG/G) (49955)	TITA-NIUM SEDI-MENT SUSP. PERCENT (30317)	VANA-DIUM SED, SUSP. (UG/G) (29853)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC SED. SUSP. (UG/G) (29855)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URA-NIUM SEDI-MENT SUSP. (UG/G) (35046)	URA-NIUM, NATU-RAL DIS-SOLVED (UG/L AS U) (22703)
OCT 04...	<2.4	<.500000	<1.0	350	129	<50	.410	120	<10.0	120	2	<50	.75
MAR 23...	.7	--	<1.0	--	171	--	--	--	.6	--	3	--	1.02
JUN 04...	.4	<.500000	<1.0	330	102	<50	.460	130	.5	110	1	<50	.66
JUN 20...	.5	M	<1.0	320	108	<50	.490	130	.5	110	1	<50	.67
JUL 11...	E.2	M	<1.0	330	124	<50	.460	120	.5	100	5	<50	.75
AUG 09...	.5	<.500000	<1.0	360	136	<50	.460	120	.4	97	<1	<50	.89
SEP 11...	.4	<.500000	<1.0	390	131	<50	.430	120	.4	100	1	<50	.85

YUKON ALASKA

15356000 YUKON RIVER AT EAGLE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC PARTICU- LATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON SED, SUSP. PERCENT (30244)	CARBON, ORGANIC SUS- PENDEDED, TOTAL PERCENT (50465)	NITRO- GEN, PARTICU- LATE WAT FLT SUSP (MG/L AS N) (49570)	SEDI- MENT SUSP., FLOW- THROUGH CENTRIF (MG/L) (50279)	SEDI- MENT, SUS- PENDEDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)	SED SUSP. SIEVE DIEM. % FINER THAN .062 MM (70331)
OCT											
04...	E5.9	<.1	2.2	2.2	2.3	1.0	.186	175	187	90900	45
MAR											
23...	1.7	<.1	<.1	<.1	--	--	<.022	--	2	116	--
JUN											
04...	10.0	<.1	16.0	16.0	2.3	1.1	.628	817	883	522000	62
20...	4.5	1.8	5.5	7.3	2.1	.8	.253	831	873	837000	67
JUL											
11...	4.8	4.9	3.5	8.3	2.2	1.0	.174	521	554	344000	68
AUG											
09...	3.3	11.0	3.8	15.0	2.6	.6	E.162	723	730	371000	79
SEP											
11...	E6.0	E.2	E3.6	E3.9	2.2	1.0	E.116	205	207	78200	55

YUKON ALASKA

15388960 PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY (International Gaging Station)

LOCATION.--Lat 67°25'27", long 140°53'28", 3.1 mi upstream from old townsite of Ramparts House, at Alaska-Yukon Territory Boundary.

DRAINAGE AREA.--23,100 mi², approximately.

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 600 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Differences between data published herein and corresponding data in the reports of the Water Survey of Canada are due to variations in automated program techniques. After December 1978, data published in reports of the Water Survey of Canada are in International System (SI) units, and have been converted to inch-pound units for this report. Because the Water Survey of Canada computes discharge records by calendar year, data reported here are one year prior to those reported for U.S. gages.

COOPERATION.--Discharge records furnished by the Water Survey of Canada.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e4450	e1430	e975	e802	e759	e727	e717	e759	89700	14600	29300	17700
2	e4100	e1400	e971	e798	e759	e727	e717	e766	91500	13100	25900	16000
3	e3740	e1370	e960	e798	e759	e727	e717	e780	90000	11800	21900	14100
4	e3530	e1350	e946	e798	e756	e727	e720	e791	88600	11100	19100	12600
5	e3440	e1320	e936	e794	e756	e727	e720	e798	84000	10800	16700	11300
6	e3390	e1310	e922	e794	e756	e727	e720	e809	80900	12300	14200	10300
7	e3320	e1290	e918	e794	e752	e727	e720	e823	79800	13900	12100	9530
8	e3200	e1280	e911	e794	e752	e724	e720	e844	80500	13900	10600	8860
9	e3200	e1270	e904	e791	e752	e724	e724	e865	81600	15200	9750	8440
10	e3170	e1250	e897	e791	e752	e724	e724	e883	90000	19800	9390	e8190
11	e3060	e1220	e886	e791	e749	e724	e724	e929	96400	21500	9640	e7870
12	e2560	e1200	e883	e787	e749	e724	e727	e996	93900	18900	9960	e7630
13	e2320	e1180	e876	e787	e745	e724	e727	e1100	89300	15500	10100	e7380
14	e2250	e1160	e869	e784	e745	e724	e727	e1340	80200	12900	11700	e7060
15	e2230	e1140	e862	e784	e742	e724	e731	e1840	70300	11600	14100	e6570
16	e2250	e1130	e858	e780	e742	e724	e731	e3060	64600	12000	15400	e6180
17	e2320	e1120	e851	e780	e742	e724	e731	e5050	65300	16800	42400	e6070
18	e2370	e1110	e847	e777	e742	e724	e734	e6920	67100	22400	62500	e5930
19	e2380	e1090	e844	e777	e738	e724	e734	e9500	66000	21800	51600	e5680
20	e2380	e1080	e840	e773	e738	e724	e734	e13000	63600	18100	39900	e5540
21	e2330	e1060	e837	e773	e734	e724	e738	e17800	59700	14700	33100	e5400
22	e2290	e1050	e826	e770	e734	e724	e738	e23300	52600	12900	30600	e5330
23	e2230	e1030	e826	e770	e734	e724	e738	e30500	43800	17500	29300	e5260
24	e1920	e1020	e823	e770	e734	e724	e742	e38800	36400	23200	27700	e5080
25	e1780	e1020	e823	e770	e731	e724	e742	e49400	30600	21000	24800	e4840
26	e1720	e1010	e819	e770	e731	e724	e742	e67100	26700	17500	21900	e4700
27	e1660	e1010	e819	e766	e727	e720	e745	e70600	23400	14800	19400	e4590
28	e1600	e999	e816	e766	e727	e720	e745	e81200	20500	14500	17600	e4450
29	e1550	e989	e816	e766	e727	e720	e749	e84700	18100	16100	16700	e4270
30	e1500	e985	e812	e763	---	e717	e756	e87200	16100	18800	17500	e4060
31	e1460	---	e802	e763	---	e717	---	89700	---	26200	18500	---
TOTAL	79700	34873	26975	24221	21564	22439	21934	692153	1941200	505200	693340	230910
MEAN	2571	1162	870	781	744	724	731	22330	64710	16300	22370	7697
MAX	4450	1430	975	802	759	727	756	89700	96400	26200	62500	17700
MIN	1460	985	802	763	727	717	717	759	16100	10800	9390	4060
AC-FT	158100	69170	53500	48040	42770	44510	43510	1373000	3850000	1002000	1375000	458000
CFSM	.11	.05	.04	.03	.03	.03	.03	.97	2.80	.71	.97	.33
IN.	.13	.06	.04	.04	.03	.04	.04	1.11	3.13	.81	1.12	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	4652	1781	1062	788	661	631	768	37330	43810	15030	18610	17150
MAX	8241	3161	1479	991	855	852	1711	63160	86470	29580	37940	34320
(WY)	1996	1999	1999	1999	1998	1998	1998	1990	1992	1994	1991	1995
MIN	2571	1122	870	551	398	383	562	5991	20410	6041	10090	7697
(WY)	2000	1997	2000	1997	1997	1997	1997	1997	1999	1999	1994	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	2200905		4294509			
ANNUAL MEAN	6030		11730		11890	
HIGHEST ANNUAL MEAN					16090	
LOWEST ANNUAL MEAN					6569	
HIGHEST DAILY MEAN	49100	Aug 28	96400	Jun 11	248000	Jun 1 1992
LOWEST DAILY MEAN	a671	Apr 29	b717	Mar 30	c367	Mar 3 1997
ANNUAL SEVEN-DAY MINIMUM	671	Apr 29	718	Mar 28	369	Mar 1 1997
MAXIMUM PEAK FLOW			97800	Jun 11	250000	Jun 1 1992
MAXIMUM PEAK STAGE			38.89	Jun 11	50.76	Jun 1 1992
INSTANTANEOUS LOW FLOW					470	Mar 19 1990
ANNUAL RUNOFF (AC-FT)	4365000		8518000		8617000	
ANNUAL RUNOFF (CFSM)	.26		.51		.51	
ANNUAL RUNOFF (INCHES)	3.54		6.92		7.00	
10 PERCENT EXCEEDS	18800		34100		33900	
50 PERCENT EXCEEDS	1180		1190		1980	
90 PERCENT EXCEEDS	701		727		614	

a From Apr. 29 to May 7
 b From Mar. 30 to Apr. 3
 c From Mar. 3 to 6, 1997
 e Estimated

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE

LOCATION.--Lat 65°52'32", long 149°43'04", in SE¹/₄ SW¹/₄ sec. 7, T. 12 N., R. 10 W. (Livengood D-6 quad), Hydrologic Unit 19040404, on right bank, 115 ft upstream from bridge at MP 56.0 on Dalton Highway, 0.5 mi downstream from Woodcamp Creek, 2.5 mi upstream from Ray River, and 21 mi southwest of Stevens Village.

DRAINAGE AREA.--196,300 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder and supplementary water-stage recorder on bridge pier at same site and datum. Datum of gage is 240.00 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 950,000 ft³/s, June 15-16, 1964, "at Rampart" (station 15468000), drainage area, 199,400 mi², approximately.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	240000	e81000	e48000	e35000	e29000	e25000	e23000	e26500	436000	301000	340000	170000
2	244000	e75000	e48000	e35000	e28500	e25000	e23000	e27000	432000	288000	339000	165000
3	242000	e70000	e48000	e34000	e28500	e25000	e23000	e28000	421000	274000	322000	161000
4	237000	e65000	e47000	e34000	e28500	e24500	e23000	e29000	410000	258000	302000	156000
5	231000	e61000	e46000	e34000	e28000	e24500	e23000	e30000	407000	246000	286000	153000
6	225000	e58000	e46000	e34000	e28000	e24500	e23000	e32000	412000	238000	275000	151000
7	218000	e56000	e45000	e33500	e28000	e24500	e23000	e34000	426000	234000	265000	153000
8	209000	e55000	e45000	e33500	e27500	e24500	e23000	e36000	448000	232000	257000	155000
9	196000	e55000	e44000	e33000	e27500	e24500	e23000	e39000	475000	241000	249000	156000
10	190000	e56000	e44000	e33000	e27500	e24000	e23000	e42000	503000	260000	241000	157000
11	182000	e57000	e43000	e33000	e27000	e24000	e23000	e45000	525000	275000	234000	163000
12	174000	e58000	e43000	e32500	e27000	e24000	e23000	e49000	541000	283000	228000	173000
13	165000	e59000	e42000	e32500	e27000	e24000	e23000	e55000	552000	293000	222000	182000
14	163000	e60000	e42000	e32000	e26500	e24000	e23000	e61000	550000	301000	215000	185000
15	159000	e60000	e41000	e32000	e26500	e24000	e23000	e68000	534000	298000	210000	181000
16	163000	e60000	e41000	e31500	e26500	e24000	e23000	e78000	516000	289000	208000	176000
17	165000	e59000	e40000	e31500	e26500	e24000	e23000	e90000	507000	279000	207000	173000
18	160000	e59000	e40000	e31000	e26000	e23500	e23000	e110000	502000	270000	211000	169000
19	e150000	e58000	e40000	e31000	e26000	e23500	e23000	e130000	496000	261000	219000	163000
20	e142000	e57000	e39000	e31000	e26000	e23500	e23000	e160000	488000	256000	229000	157000
21	e138000	e56000	e39000	e30500	e26000	e23500	e23000	e200000	480000	255000	237000	152000
22	e132000	e55000	e39000	e30500	e25500	e23500	e23000	e300000	474000	253000	247000	147000
23	e126000	e55000	e38000	e30500	e25500	e23500	e23500	e320000	463000	247000	256000	143000
24	e121000	e54000	e38000	e30000	e25500	e23500	e23500	314000	443000	241000	255000	140000
25	e117000	e53000	e38000	e30000	e25500	e23500	e24000	281000	420000	237000	242000	139000
26	e114000	e52000	e37000	e30000	e25000	e23500	e24000	279000	396000	235000	226000	139000
27	e111000	e51000	e37000	e29500	e25000	e23500	e24500	297000	371000	251000	211000	140000
28	e106000	e51000	e37000	e29500	e25000	e23500	e25000	325000	349000	288000	198000	140000
29	e100000	e50000	e36000	e29500	---	e23000	e25500	376000	330000	301000	188000	138000
30	e93000	e49000	e36000	e29000	---	e23000	e26000	409000	314000	307000	180000	136000
31	e87000	---	e36000	e29000	---	e23000	---	428000	---	326000	175000	---
TOTAL	5100000	1745000	1283000	985000	749000	741500	702000	4698500	13621000	8318000	7474000	4713000
MEAN	164500	58170	41390	31770	26750	23920	23400	151600	454000	268300	241100	157100
MAX	244000	81000	48000	35000	29000	25000	26000	428000	552000	326000	340000	185000
MIN	87000	49000	36000	29000	25000	23000	23000	26500	314000	232000	175000	136000
AC-FT10120000	3461000	2545000	1954000	1486000	1471000	1392000	9319000	27020000	16500000	14820000	9348000	
CFSM	.84	.30	.21	.16	.14	.12	.12	.77	2.31	1.37	1.23	.80
IN.	.97	.33	.24	.19	.14	.14	.13	.89	2.58	1.58	1.42	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	99620	50310	36570	29880	25450	22490	22220	206300	342800	234200	199600	163100													
MAX	164500	69670	48450	37680	32140	28970	28170	373000	614100	320200	255100	229500													
(WY)	2001	1978	1983	1977	1981	1981	1981	1991	1992	1992	2000	2000													
MIN	75340	34530	26770	23550	19320	16000	14800	90680	226800	178900	142400	116500													
(WY)	1993	1990	1990	1996	1999	1999	1997	1992	1995	1996	1989	1989													

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1977 - 2001	
ANNUAL TOTAL	53092800		50130000			
ANNUAL MEAN	145100		137300		119800	
HIGHEST ANNUAL MEAN					144400	
LOWEST ANNUAL MEAN					93910	
HIGHEST DAILY MEAN	508000	Jun 23	552000	Jun 13	823000	Jun 11 1992
LOWEST DAILY MEAN	a20000	Apr 5	b23000	Mar 29	c14000	Apr 14 1997
ANNUAL SEVEN-DAY MINIMUM	20000	Apr 5	23000	Mar 29	14000	Apr 14 1997
MAXIMUM PEAK FLOW			554000	Jun 13	827000	Jun 11 1992
MAXIMUM PEAK STAGE			50.17	Jun 13	59.60	Jun 11 1992
ANNUAL RUNOFF (AC-FT)	105300000		99430000		86800000	
ANNUAL RUNOFF (CFSM)	.74		.70		.61	
ANNUAL RUNOFF (INCHES)	10.06		9.50		8.29	
10 PERCENT EXCEEDS	303000		323000		278000	
50 PERCENT EXCEEDS	60000		58000		56000	
90 PERCENT EXCEEDS	20200		23500		22000	

- a From Apr. 5 to 20
- b From Mar. 29 to Apr. 22
- c From Apr. 14 to 25
- e Estimated

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE--Continued

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	QUALITY ASSUR- ANCE DATA INDICA- TOR CODE (99111)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPERA- TURE AIR (DEG C) (00020)	TEMP- ERATURE WATER (DEG C) (00010)
JUN												
02...	1820	350.0	123	7.4	9.0	762	10.2	88				
02...	1824	750.0	125	7.5	9.0	762	10.1	87				
02...	1827	1070	124	7.6	9.0	762	10.1	87				
02...	1835	1420	126	7.5	9.0	762	10.1	87				
02...	1839	1790	126	7.6	9.0	762	10.0	86				
18...	1657	340.0	180	7.8	14.5	764	9.5	93				
18...	1700	644.0	178	7.8	14.5	764	9.5	93				
18...	1703	974.0	181	7.8	14.5	764	9.5	93				
18...	1706	1318	181	7.8	14.5	764	9.5	93				
18...	1709	1708	181	7.8	14.5	764	9.5	93				
JUL												
13...	1512	1710	205	7.6	15.5	761	9.0	90				
13...	1514	1320	206	7.6	15.5	761	8.9	90				
13...	1515	970.0	206	7.6	15.5	761	8.9	90				
13...	1517	640.0	206	7.6	15.5	761	8.9	90				
13...	1519	340.0	206	7.6	15.5	761	8.9	89				
AUG												
14...	1642	1700	228	7.6	14.0	762	9.5	92				
14...	1644	1360	226	7.7	14.0	762	9.6	93				
14...	1646	1050	225	7.7	14.0	762	9.6	93				
14...	1650	700.0	227	7.8	14.0	762	9.6	93				
14...	1652	350.0	228	7.8	14.0	762	9.4	91				
SEP												
21...	1355	380.0	232	7.6	7.5	753	11.1	94				
21...	1357	750.0	233	7.7	7.5	753	11.2	94				
21...	1359	1020	233	7.7	7.5	753	11.1	94				
21...	1401	1350	233	7.8	7.5	753	11.1	94				
21...	1402	1670	233	7.8	7.5	753	11.1	94				

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TURBID- ITY (NTU) (00076)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	UV	UV	BARO-	OXYGEN DIS- CENT OLVED (MG/L) (00300)	OXY-	HARD- NESS TOTAL (MG/L) CACO3) (00900)	CAL-	MAGNE-	SODIUM DIS- SOLVED (MG/L) AS NA) (00930)	ANC	POTAS-	
			ABSOR- BANCE WTR FLT (UNITS/ CM) (50624)	ABSOR- BANCE 280 NM, (UNITS/ CM) (61726)	METRIC PRES- SURE (MM OF HG) (00025)		GEN, DIS- OLVED (PER- CENT SATUR- ATION) (00301)		CIUM DIS- SOLVED (MG/L) AS CA) (00915)	SIUM, DIS- SOLVED (MG/L) AS MG) (00925)		WATER UNFL- TRD FET FIELD MG/L AS CACO3 (00410)	SIUM, DIS- SOLVED (MG/L) AS K) (00935)	
OCT 02...	64	120	--	--	763	13.2	97	100	28.5	7.79	2.5	73	.91	
MAR 21...	1.9	3.7	.045	.032	787	8.5	56	150	42.3	10.1	2.8	113	1.13	
JUN 02...	--	150	.636	.480	762	10.1	88	66	19.7	3.98	.7	48	.89	
JUN 18...	--	180	.236	.174	764	9.5	93	89	25.7	5.92	1.5	64	.92	
JUL 13...	--	300	.178	.131	761	8.9	89	98	27.2	7.19	2.1	--	1.21	
AUG 14...	--	4.3	.120	.086	762	9.5	92	110	30.3	8.14	2.7	80	1.53	
SEP 21...	--	27	.167	.121	753	11.1	94	110	30.1	8.14	2.4	79	.94	
									SOL- IDS, RISI- DUE AT 180 STITU- DEG. C DIS- SOLVED (MG/L) SIO2) (70300)	SOL- IDS, SUM OF CON- ENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMO- NIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AMMO- NIA + ORGANIC TOTAL (MG/L) AS N) (00625)
OCT 02...	88	.0	72	28.1	.6	<.1	7.3	135	119	.001	.062	<.002	.42	
MAR 21...	138	.0	113	33.1	1.1	E.1	6.8	173	166	.001	<.005	<.002	E.05	
JUN 02...	58	.0	47	12.9	.5	E.1	3.2	115	71	.002	.021	.004	.92	
JUN 18...	77	.0	64	22.1	.4	<.2	4.6	121	99	.001	.033	.003	.72	
JUL 13...	--	--	--	28.3	.4	E.1	5.7	131	116	.002	.040	.003	.29	
AUG 14...	95	.0	78	33.5	.8	.2	6.1	152	131	<.001	.029	.012	.41	
SEP 21...	95	.0	78	35.2	.5	<.2	6.0	145	130	.001	.028	.002	.23	
									ALUMI- NUM SED, SUS SOLVED (UG/L) AS AL) (01106)	ANTI- MONY DIS- SED, SOLVED (UG/L) AS SB) (29816)	ANTI- MONY DIS- SOLVED (UG/L) AS SB) (01095)	ARSENIC SED, SOLVED (UG/L) AS SB) (29818)	ARSENIC DIS- SOLVED (UG/L) AS SB) (01000)	BIARIUM SED. SUSP. (UG/G) (29820)
OCT 02...	.20	.313	E.003	<.001	.08	.09	6.6	22	.9	.14	11	<2.0	850	
MAR 21...	E.07	.016	E.003	.070	--	--	--	2	--	.09	--	.3	--	
JUN 02...	.43	.590	.015	<.007	.13	.09	6.6	65	1.3	.11	11	.5	900	
JUN 18...	.23	.523	.016	<.007	.12	.10	6.5	23	1.5	.19	12	.6	980	
JUL 13...	.14	.489	<.006	<.007	<.10	.10	6.4	26	1.7	.19	12	.6	800	
AUG 14...	.22	.467	<.006	<.007	<.10	.10	6.7	20	1.9	.20	14	.6	760	
SEP 21...	.13	.161	<.006	<.007	<.10	.08	6.2	20	1.4	.15	11	.6	950	

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	BAR-IUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM SED, SUSP. (UG/G) (29822)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON DIS-SOLVED (UG/L AS B) (01020)	CAD-MIUM SED. SUSP. (UG/G) (29826)	CAD-MIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM SED. SUSP. (UG/G) (29829)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT SEDI-MENT SUSP. (UG/G) (35031)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER SED. SUSP. (UG/G) (29832)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON SEDI-MENT SUSP. PERCENT (30269)
OCT 02...	42.1	1	<.06	<16	.5	E.03	96	E.5	17	.12	35	2.6	3.8
MAR 21...	64.8	--	<.06	9	--	<.04	--	<.8	--	.07	--	.8	--
JUN 02...	32.6	2	<.06	E5	.6	E.02	100	<.8	15	.22	28	4.4	3.6
JUN 18...	44.3	2	<.06	E6	.6	E.03	99	<.8	18	.09	36	2.9	3.8
JUL 13...	43.8	2	<.06	8	.6	E.03	96	<.8	18	.10	37	2.8	4.0
AUG 14...	49.5	1	<.06	20	.6	<.04	96	<.8	17	.07	36	2.0	4.3
SEP 21...	41.8	1	<.06	7	.7	<.04	100	<.8	15	.08	28	2.0	3.2

DATE	IRON DIS-SOLVED (UG/L AS FE) (01046)	LEAD SED. SUSP. (UG/G) (29836)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITH-IUM SEDI-MENT SUSP. (UG/G) (35050)	LITH-IUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE SED. SUSP. (UG/G) (29839)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MER-CURY SED. SUSP. (UG/G) (29841)	MOLYB-DENUM SUSP. (UG/G) (29843)	MOLYB-DENUM, DIS-SOLVED (UG/LAS MO) (01060)	NICKEL SED. SUSP. (UG/G) (29845)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM SED. SUSP. (UG/G) (29847)
OCT 02...	50	10	E.04	24	<3.9	730	4.5	.04	<5	.9	53	2.03	M
MAR 21...	10	--	<.08	--	2.5	--	8.9	--	--	1.1	--	.25	--
JUN 02...	230	17	.14	32	2.4	720	18.5	.05	2	.4	48	3.15	M
JUN 18...	60	13	.08	33	2.0	840	4.8	.15	2	.7	54	1.49	M
JUL 13...	20	11	E.07	30	2.5	770	2.4	.08	3	.9	55	1.22	M
AUG 14...	M	13	<.08	29	3.0	780	3.1	.04	3	1.2	52	.38	M
SEP 21...	50	10	.17	24	2.9	740	6.2	.03	3	.9	53	.93	M

DATE	SELE-NIUM DIS-SOLVED (UG/L AS SE) (01145)	SILVER SED. SUSP. (UG/G) (29850)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM SEDI-MENT SUSP. (UG/G) (35040)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM SUS SED (UG/G) (49955)	TITA-NIUM SEDI-MENT SUSP. PERCENT (30317)	VANA-DIUM SED. SUSP. (UG/G) (29853)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC SED. SUSP. (UG/G) (29855)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URA-NIUM SEDI-MENT SUSP. (UG/G) (35046)	URA-NIUM, NATU-RAL DIS-SOLVED (UG/L AS U) (22703)
OCT 02...	<2.4	<.500000	<1.0	310	127	<50	.420	120	<10.0	100	<1	<50	.75
MAR 21...	.6	--	<1.0	--	176	--	--	--	.5	--	2	--	1.03
JUN 02...	<.3	<.500000	<1.0	260	61.2	<50	.440	140	1.1	110	1	<50	.37
JUN 18...	.4	<.500000	<1.0	270	97.0	<50	.470	140	.7	130	1	<50	.64
JUL 13...	.4	M	<1.0	290	123	<50	.440	120	.5	110	1	<50	.75
AUG 14...	<.3	<.500000	<1.0	310	145	<50	.430	130	.4	110	<1	<50	.84
SEP 21...	.5	<.500000	<1.0	350	128	<50	.400	120	.5	110	2	<50	.76

YUKON ALASKA

15453500 YUKON RIVER NEAR STEVENS VILLAGE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC PARTICU- LATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON SED, SUSP. PERCENT (30244)	CARBON, ORGANIC SUS- PENDEd, TOTAL PERCENT (50465)	NITRO- GEN, PARTICU- LATE WAT FLT SUSP (MG/L AS N) (49570)	SEDI- MENT SUSP., FLOW- THROUGH CENTRIF (MG/L) (50279)	SEDI- MENT, DIS- CHARGE, SUS- PENDEd (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEd (T/DAY) (80155)	SED SUSP. SIEVE DIEM. % FINER THAN .062 MM (70331)
OCT											
02...	E7.2	--	--	--	2.1	1.1	.059	305	302	212000	80
MAR											
21...	1.9	<.1	.2	.3	--	--	<.022	--	11	695	--
JUN											
02...	17	2.2	5.1	7.3	2.2	1.5	.418	599	622	710000	71
18...	6.6	2.4	5.7	8.1	2.2	1.3	.371	483	504	653000	79
JUL											
13...	5.9	1.1	6.1	7.2	2.6	1.1	.133	502	507	405000	79
AUG											
14...	3.5	4.4	6.0	10	2.5	1.0	.184	453	466	269000	83
SEP											
21...	5.0	.6	1.7	2.3	2.0	1.2	.077	164	168	68900	48

YUKON ALASKA

15477730 LIESE CREEK NEAR BIG DELTA

LOCATION.--Lat 64°26'53", long 144°52'59", in SW¹/₄ sec.25, T.5 S., R.14 E., (Big Delta B-2 quad), Hydrologic Unit 19040503, on right bank, 1.7 mi upstream from mouth, 1.5 mi east of Pogo Mine Camp site, and 34 mi northeast of Big Delta.

DRAINAGE AREA.--1.08 mi².

PERIOD OF RECORD.--October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2200 ft above sea level, from topographic map.

REMARKS.--Records fair except for discharges below 0.2 ft³/s, estimated daily discharges and the period July 30 to September 24 which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.90	e.14	e.00	e.00	e.00	e.00	e.00	e.36	.89	.80	2.7	.42
2	e.80	e.14	e.00	e.00	e.00	e.00	e.00	e.30	.91	.97	2.2	.45
3	e.70	e.14	e.00	e.00	e.00	e.00	e.00	e.28	1.0	.58	2.0	.50
4	e.62	e.12	e.00	e.00	e.00	e.00	e.00	e.26	1.1	.43	1.7	.49
5	e.58	e.12	e.00	e.00	e.00	e.00	e.00	e.24	1.3	.46	1.6	.48
6	e.56	e.12	e.00	e.00	e.00	e.00	e.00	e.26	1.1	1.2	1.5	.45
7	e.54	e.10	e.00	e.00	e.00	e.00	e.00	e.30	2.0	3.6	1.5	.47
8	e.52	e.10	e.00	e.00	e.00	e.00	e.00	e.32	3.9	2.9	1.3	.50
9	e.48	e.10	e.00	e.00	e.00	e.00	e.00	e.36	1.7	1.7	1.3	.53
10	e.44	e.10	e.00	e.00	e.00	e.00	e.00	e.44	1.1	1.4	1.0	.53
11	e.40	e.10	e.00	e.00	e.00	e.00	e.00	e.46	.84	1.0	1.1	.53
12	e.38	e.10	e.00	e.00	e.00	e.00	e.00	e.50	.72	.87	1.1	.52
13	e.36	e.10	e.00	e.00	e.00	e.00	e.00	e.56	.61	.77	1.1	.50
14	e.34	e.08	e.00	e.00	e.00	e.00	e.00	e.62	.65	.78	.78	.46
15	e.34	e.08	e.00	e.00	e.00	e.00	e.00	e.74	.70	.70	.69	.42
16	e.32	e.08	e.00	e.00	e.00	e.00	e.00	e.80	.60	.53	.66	.43
17	e.30	e.08	e.00	e.00	e.00	e.00	e.00	e.84	.55	.42	.58	.43
18	e.30	e.08	e.00	e.00	e.00	e.00	e.00	e.96	.47	.41	.59	.44
19	e.28	e.08	e.00	e.00	e.00	e.00	e.00	e1.1	.41	.42	.58	.42
20	e.28	e.08	e.00	e.00	e.00	e.00	e.00	e1.6	.34	.42	.48	.43
21	e.26	e.08	e.00	e.00	e.00	e.00	e.00	e2.3	.27	.41	.54	.43
22	e.24	e.06	e.00	e.00	e.00	e.00	e.02	e3.5	.22	.36	.57	.42
23	e.22	e.06	e.00	e.00	e.00	e.00	e.04	e6.6	.19	.35	.49	.40
24	e.22	e.06	e.00	e.00	e.00	e.00	e.06	e4.6	.14	.72	.54	.40
25	e.20	e.06	e.00	e.00	e.00	e.00	e.08	e3.4	.11	.90	.55	.38
26	e.20	e.04	e.00	e.00	e.00	e.00	e.08	e2.5	.08	.74	.59	.35
27	e.18	e.04	e.00	e.00	e.00	e.00	e.10	2.0	.15	1.3	.59	.31
28	e.18	e.02	e.00	e.00	e.00	e.00	e.20	1.9	.27	1.4	.57	.30
29	e.16	e.02	e.00	e.00	---	e.00	e.30	.99	.44	5.5	.54	.31
30	e.16	e.00	e.00	e.00	---	e.00	e.38	.87	.86	5.7	.53	.30
31	e.16	---	e.00	e.00	---	e.00	---	.90	---	3.7	.44	---
TOTAL	11.62	2.48	0.00	0.00	0.00	0.00	1.26	40.86	23.62	41.44	30.41	13.00
MEAN	.37	.083	.000	.000	.000	.000	.042	1.32	.79	1.34	.98	.43
MAX	.90	.14	.00	.00	.00	.00	.38	6.6	3.9	5.7	2.7	.53
MIN	.16	.00	.00	.00	.00	.00	.00	.24	.08	.35	.44	.30
MED	.32	.08	.00	.00	.00	.00	.00	.80	.63	.78	.66	.43
AC-FT	23	4.9	.00	.00	.00	.00	2.5	81	47	82	60	26
CFSM	.35	.08	.00	.00	.00	.00	.04	1.22	.73	1.24	.91	.40
IN.	.40	.09	.00	.00	.00	.00	.04	1.41	.81	1.43	1.05	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2000	2000	2000	2000	2000	2001	2000	2000	2001	2000	2001
MEAN	.20	.041	.000	.000	.000	.000	.021	1.47	1.55	.86	1.58	.93	
MAX	.37	.083	.000	.000	.000	.000	.042	1.62	2.31	1.34	2.17	1.43	
(WY)	2001	2001	2000	2000	2000	2000	2001	2000	2000	2001	2000	2000	2000
MIN	.032	.000	.000	.000	.000	.000	.000	1.32	.79	.39	.98	.43	
(WY)	2000	2000	2000	2000	2000	2000	2000	2001	2001	2000	2001	2001	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 2000 - 2001

ANNUAL TOTAL	255.69	164.69		
ANNUAL MEAN	.70	.45	.56	
HIGHEST ANNUAL MEAN			.66	2000
LOWEST ANNUAL MEAN			.45	2001
HIGHEST DAILY MEAN	7.0	May 22	7.0	May 22 2000
LOWEST DAILY MEAN	a.00	Jan 1	.00	Oct 30 1999
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 30 1999
MAXIMUM PEAK FLOW			8.0	Jul 29
MAXIMUM PEAK STAGE			20.32	Jul 29
MAXIMUM PEAK STAGE			c22.2	May 23
ANNUAL RUNOFF (AC-FT)	507	327	404	
ANNUAL RUNOFF (CFSM)	.65	.42	.52	
ANNUAL RUNOFF (INCHES)	8.81	5.67	7.01	
10 PERCENT EXCEEDS	2.4	1.1	1.6	
50 PERCENT EXCEEDS	.10	.16	.06	
90 PERCENT EXCEEDS	.00	.00	.00	

- a Jan. 1 to May 7
- b Nov. 30 to Apr. 21
- c From floodmarks backwater from ice
- e Estimated

YUKON ALASKA

15477740 GOODPASTER RIVER NEAR BIG DELTA

LOCATION.--Lat 64°27'02", long 144°56'32", in SE¹/₄ sec.27, T.5 S., R.14 E., (Big Delta B-2 quad), Hydrologic Unit 19040503, on left bank, 0.2 mi northwest of Pogo Mine Camp site, 7 mi upstream from Central Creek, and 34 mi northeast of Big Delta.

DRAINAGE AREA.--677 mi².

PERIOD OF RECORD.--August 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1350 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	844	e160	e130	e96	e86	e80	e74	e310	773	888	2730	591
2	682	e160	e130	e96	e86	e80	e74	e300	959	814	1940	579
3	606	e150	e120	e94	e86	e80	e74	e280	1090	708	1530	796
4	580	e140	e120	e94	e84	e78	e74	e270	1090	594	1310	834
5	e570	e140	e120	e94	e84	e78	e74	e260	1470	538	1150	785
6	e560	e140	e120	e94	e84	e78	e74	e260	1490	950	1040	772
7	e540	e130	e120	e92	e84	e78	e74	e260	1530	1740	939	778
8	e520	e130	e120	e92	e84	e78	e74	e270	2260	1660	850	772
9	e500	e130	e120	e92	e84	e78	e74	e280	1380	1310	787	757
10	e450	e140	e120	e92	e84	e78	e76	e290	1070	981	740	724
11	e410	e140	e120	e92	e82	e78	e76	e310	967	785	715	691
12	e390	e140	e110	e92	e82	e78	e76	e320	943	665	812	664
13	e380	e150	e110	e90	e82	e78	e78	354	899	590	922	639
14	e360	e150	e110	e90	e82	e76	e78	424	740	658	860	607
15	e340	e150	e110	e90	e82	e76	e80	602	818	894	811	575
16	e320	e150	e110	e90	e82	e76	e82	717	772	755	779	555
17	e310	e150	e110	e90	e82	e76	e84	721	630	633	762	541
18	e290	e150	e110	e90	e82	e76	e86	781	578	561	744	524
19	e280	e150	e100	e90	e80	e76	e90	816	570	511	724	507
20	e270	e150	e100	e90	e80	e76	e96	906	542	477	701	492
21	e260	e150	e100	e90	e80	e76	e105	1030	489	461	663	483
22	e250	e150	e100	e90	e80	e74	e120	1130	450	506	634	470
23	e240	e140	e100	e88	e80	e74	e140	1440	432	524	623	460
24	e230	e140	e100	e88	e80	e74	e150	1450	400	837	633	443
25	e230	e140	e98	e88	e80	e74	e170	1020	362	1580	687	431
26	e220	e140	e98	e88	e80	e74	e200	836	332	1480	737	418
27	e210	e130	e98	e88	e80	e74	e230	848	671	1220	707	404
28	e200	e130	e98	e88	e80	e74	e260	1120	643	1490	665	388
29	e190	e130	e98	e88	---	e74	e290	821	655	2170	623	373
30	e180	e130	e96	e86	---	e74	e300	590	782	3600	595	372
31	e170	---	e96	e86	---	e74	---	667	---	3260	588	---
TOTAL	11582	4280	3392	2808	2302	2368	3533	19683	25787	33840	28001	17425
MEAN	374	143	109	90.6	82.2	76.4	118	635	860	1092	903	581
MAX	844	160	130	96	86	80	300	1450	2260	3600	2730	834
MIN	170	130	96	86	80	74	74	260	332	461	588	372
AC-FT	22970	8490	6730	5570	4570	4700	7010	39040	51150	67120	55540	34560
CFSM	.55	.21	.16	.13	.12	.11	.17	.94	1.27	1.61	1.33	.86
IN.	.64	.24	.19	.15	.13	.13	.19	1.08	1.42	1.86	1.54	.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
MEAN	218	105	77.3	54.9	42.8	39.6	109	830	991	735	983	596			
MAX	374	143	109	90.6	82.2	76.4	155	1262	1993	1092	1651	985			
(WY)	2001	2001	2001	2001	2001	2001	1998	2000	2000	2001	2000	2000			
MIN	149	90.1	57.5	28.9	13.6	10.5	73.1	635	468	419	590	421			
(WY)	2000	1999	1999	1999	1999	1999	2000	2001	1998	1999	1999	1999			

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1997 - 2001 #	
ANNUAL TOTAL	227564		155001			
ANNUAL MEAN	622		425		406	
HIGHEST ANNUAL MEAN					595	
LOWEST ANNUAL MEAN					272	
HIGHEST DAILY MEAN	7500	Aug 14	3600	Jul 30	7500	Aug 14 2000
LOWEST DAILY MEAN	a29	Feb 18	b74	Mar 22	c10	Mar 8 1999
ANNUAL SEVEN-DAY MINIMUM	29	Feb 18	74	Mar 22	10	Mar 8 1999
MAXIMUM PEAK FLOW			4120	Jul 30	10100	Aug 14 2000
MAXIMUM PEAK STAGE			15.86	Jul 30	19.49	Aug 14 2000
ANNUAL RUNOFF (AC-FT)	451400		307400		294400	
ANNUAL RUNOFF (CFSM)	.92		.63		.60	
ANNUAL RUNOFF (INCHES)	12.50		8.52		8.16	
10 PERCENT EXCEEDS	1630		929		981	
50 PERCENT EXCEEDS	195		220		180	
90 PERCENT EXCEEDS	31		78		33	

See Period of Record; partial years used in monthly statistics
a From Feb. 18 to Mar. 1
b From Mar. 22 to Apr. 9
c From Mar 8 to 24, 1999
e Estimated

YUKON ALASKA

15477761 UPPER WEST CREEK NEAR BIG DELTA

LOCATION.--Lat 64°25'01", long 144°50'55", in SW¹/₄ sec.6, T.6 S., R.15 E., (Big Delta B-2 quad), Hydrologic Unit 19040503, on right bank, 5.1 mi upstream from mouth, 3.4 mi southeast of Pogo Mine Camp site, and 31 mi northeast of Big Delta.

DRAINAGE AREA.--1.64 mi².

PERIOD OF RECORD.--October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,900 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	e1.6	e.98	e.52	e.38	e.28	e.24	.44	.38	.72	1.6	1.2
2	2.2	e1.6	e.96	e.50	e.36	e.28	e.24	.36	.37	.76	1.4	1.3
3	2.2	e1.6	e.92	e.50	e.36	e.28	e.24	.35	.37	.75	1.4	1.2
4	2.2	e1.5	e.90	e.50	e.36	e.28	e.24	.33	.42	.74	1.3	1.2
5	e2.1	e1.5	e.86	e.48	e.34	e.28	e.24	.35	.52	.75	1.3	1.2
6	e2.1	e1.5	e.84	e.48	e.34	e.28	e.24	.38	.47	.82	1.4	1.2
7	e2.1	e1.5	e.82	e.48	e.34	e.28	e.24	.36	.50	1.0	1.4	1.1
8	e2.1	e1.4	e.80	e.48	e.34	e.28	e.24	.43	.61	1.2	1.5	1.1
9	e2.0	e1.4	e.78	e.46	e.34	e.28	e.24	.45	.52	1.0	1.5	1.1
10	e2.0	e1.4	e.76	e.46	e.32	e.28	e.24	.42	.49	.91	1.5	1.1
11	e1.9	e1.4	e.74	e.46	e.32	e.28	e.24	.39	.49	.89	1.5	1.1
12	e1.9	e1.4	e.72	e.46	e.32	e.26	e.24	.42	.50	.87	1.5	1.1
13	e1.9	e1.4	e.72	e.44	e.32	e.26	e.24	.48	.51	.87	1.5	1.1
14	e1.9	e1.4	e.70	e.44	e.32	e.26	e.24	.48	.72	.87	1.5	1.0
15	e1.9	e1.4	e.68	e.44	e.32	e.26	e.26	.47	.73	.87	1.5	1.0
16	e1.9	e1.3	e.66	e.44	e.32	e.26	e.26	.56	.61	.84	1.5	.99
17	e1.9	e1.3	e.66	e.44	e.30	e.26	e.26	.50	.57	.83	1.5	.96
18	e1.9	e1.3	e.64	e.42	e.30	e.26	e.26	.45	.56	.83	1.4	.96
19	e1.9	e1.3	e.62	e.42	e.30	e.26	e.26	.53	.56	.83	1.4	.95
20	e1.9	e1.3	e.62	e.42	e.30	e.26	e.26	.56	.57	.86	1.4	.94
21	e1.9	e1.3	e.60	e.42	e.30	e.26	e.28	.84	.56	.88	1.4	.92
22	e1.8	e1.2	e.60	e.42	e.30	e.26	e.28	.81	.58	.89	1.4	.91
23	e1.8	e1.2	e.58	e.42	e.30	e.26	e.30	1.2	.59	.92	1.4	.91
24	e1.8	e1.2	e.58	e.42	e.30	e.24	e.32	.77	.60	1.2	1.3	.90
25	e1.8	e1.1	e.56	e.40	e.28	e.24	e.36	.59	.60	1.1	1.4	.88
26	e1.7	e1.1	e.56	e.40	e.28	e.24	e.40	.48	.62	1.1	1.3	.87
27	e1.7	e1.1	e.54	e.40	e.28	e.24	.54	.42	.68	1.2	1.3	.87
28	e1.7	e1.1	e.54	e.40	e.28	e.24	.52	e.42	.68	1.2	1.3	.86
29	e1.7	e1.0	e.54	e.40	---	e.24	.55	e.40	.68	1.6	1.3	.85
30	e1.7	e1.0	e.52	e.38	---	e.24	.53	e.40	.71	1.6	1.3	.83
31	e1.7	---	e.52	e.38	---	e.24	---	e.38	---	1.6	1.2	---
TOTAL	59.6	39.8	21.52	13.68	8.92	8.12	9.00	15.42	16.77	30.50	43.6	30.60
MEAN	1.92	1.33	.69	.44	.32	.26	.30	.50	.56	.98	1.41	1.02
MAX	2.3	1.6	.98	.52	.38	.28	.55	1.2	.73	1.6	1.6	1.3
MIN	1.7	1.0	.52	.38	.28	.24	.24	.33	.37	.72	1.2	.83
MED	1.9	1.3	.66	.44	.32	.26	.26	.44	.56	.88	1.4	1.0
AC-FT	118	79	43	27	18	16	18	31	33	60	86	61
CFSM	1.17	.81	.42	.27	.19	.16	.18	.30	.34	.60	.86	.62
IN.	1.35	.90	.49	.31	.20	.18	.20	.35	.38	.69	.99	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
MEAN	1.24	.87	.52	.36	.28	.25	.28	.75	1.11	1.22	2.12	2.04
MAX	1.92	1.33	.69	.44	.32	.26	.30	1.00	1.67	1.45	2.83	3.06
(WY)	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000	2000	2000
MIN	.55	.41	.34	.28	.25	.23	.25	.50	.56	.98	1.41	1.02
(WY)	2000	2000	2000	2000	2000	2000	2000	2001	2001	2001	2001	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR
ANNUAL TOTAL	457.32	297.53						
ANNUAL MEAN	1.25	.82						
HIGHEST ANNUAL MEAN							.92	1.03
LOWEST ANNUAL MEAN							.82	2000
HIGHEST DAILY MEAN	4.6	Aug 30	2.3	Oct 1	4.6	Aug 30	2000	2000
LOWEST DAILY MEAN	a.23	Mar 4	b.24	Mar 24	a.23	Mar 4	2000	2000
ANNUAL SEVEN-DAY MINIMUM	.23	Mar 4	.24	Mar 24	.23	Mar 4	2000	2000
MAXIMUM PEAK FLOW			c1.8	Jul 29	5.0	Aug 30	2000	2000
MAXIMUM PEAK STAGE			c20.57	Jul 29	20.98	Aug 30	2000	2000
MAXIMUM PEAK STAGE			c20.69	Oct 1	20.98	Aug 30	2000	2000
ANNUAL RUNOFF (AC-FT)	907	590			668			
ANNUAL RUNOFF (CFSM)	.76	.50			.56			
ANNUAL RUNOFF (INCHES)	10.37	6.75			7.63			
10 PERCENT EXCEEDS	2.7	1.6			1.9			
50 PERCENT EXCEEDS	1.2	.62			.54			
90 PERCENT EXCEEDS	.23	.26			.24			

a From Mar. 4 to Apr. 9

b From Mar. 24 to Apr. 14

c Maximum discharge 2.3 ft³/s, Oct.1, gage height 20.69 ft, occurred on falling stage following peak of Aug. 30, 2000; maximum independent peak discharge, 1.8 ft³/s, gage height 20.57 ft, Jul. 29

e Estimated

YUKON ALASKA

15477768 SONORA CREEK ABOVE TRIBUTARY NEAR BIG DELTA

LOCATION.--Lat 64°23'22", long 144°46'40", in SW¹/₄ sec.16, T.6 S., R.15 E. (Big Delta B-2 quad), Hydrologic Unit 19040503, on right bank, 2.5 miles upstream from mouth, 6.3 miles southeast of Pogo Mine Camp site, and 35 miles northeast of Big Delta.

DRAINAGE AREA.--6.05 mi².

PERIOD OF RECORD.--May, 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1650 ft above sea level, from topographic map.

EXTREMES FOR CURRENT YEAR.--

Water year 2000--Maximum discharge for period May through September, 34 ft³/s, May 22, 2000 gage height 21.17 ft; minimum not determined, occurs during winter; minimum observed outside period of record, 0.58 ft³/s March 21, 2000 result of discharge measurement.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e3.2	9.7	2.0	e2.4	10
2	---	---	---	---	---	---	---	e4.0	8.2	2.0	e2.3	11
3	---	---	---	---	---	---	---	e5.2	9.3	2.4	e2.3	11
4	---	---	---	---	---	---	---	e6.8	8.6	2.5	e2.2	10
5	---	---	---	---	---	---	---	e5.0	6.7	2.4	e2.2	9.6
6	---	---	---	---	---	---	---	e3.4	5.5	2.4	e2.2	9.5
7	---	---	---	---	---	---	---	e6.0	4.8	2.2	e2.3	9.3
8	---	---	---	---	---	---	---	e9.0	4.0	2.1	e2.3	9.5
9	---	---	---	---	---	---	---	e7.0	3.7	2.1	e2.4	9.2
10	---	---	---	---	---	---	---	e5.0	3.8	2.4	e2.6	9.2
11	---	---	---	---	---	---	---	e3.7	3.6	3.8	e3.8	9.6
12	---	---	---	---	---	---	---	e2.8	3.1	3.4	e9.0	9.6
13	---	---	---	---	---	---	---	3.8	2.8	2.8	e22	9.5
14	---	---	---	---	---	---	---	3.7	2.5	2.5	e16	9.5
15	---	---	---	---	---	---	---	3.4	2.4	2.4	e12	9.8
16	---	---	---	---	---	---	---	4.1	2.5	2.3	9.6	9.6
17	---	---	---	---	---	---	---	5.5	2.4	2.4	8.1	9.5
18	---	---	---	---	---	---	---	8.3	2.5	2.4	8.8	9.3
19	---	---	---	---	---	---	---	9.1	3.0	2.8	11	9.1
20	---	---	---	---	---	---	---	16	2.6	3.3	9.7	8.9
21	---	---	---	---	---	‡0.6	---	17	2.4	e2.9	8.8	8.8
22	---	---	---	---	---	---	---	21	3.6	e2.6	9.8	8.9
23	---	---	---	---	---	---	---	17	3.9	e2.8	9.9	8.9
24	---	---	---	---	---	---	---	27	2.9	e3.0	9.1	8.7
25	---	---	---	---	---	---	---	21	2.5	e2.8	9.9	9.1
26	---	---	---	‡0.7	---	---	---	14	2.4	e2.7	12	10
27	---	---	---	---	---	---	---	10	2.4	e2.6	10	9.5
28	---	---	---	---	---	---	---	7.6	2.4	e2.7	9.2	9.0
29	---	---	---	---	---	---	---	8.1	2.3	e2.5	8.8	8.6
30	---	---	---	---	---	---	---	9.1	2.1	e2.5	11	8.4
31	---	---	---	---	---	---	---	10	---	e2.4	11	---
TOTAL	---	---	---	---	---	---	---	276.8	118.6	80.1	242.7	282.6
MEAN	---	---	---	---	---	---	---	8.93	3.95	2.58	7.83	9.42
MAX	---	---	---	---	---	---	---	27	9.7	3.8	22	11
MIN	---	---	---	---	---	---	---	2.8	2.1	2.0	2.2	8.4
MED	---	---	---	---	---	---	---	7.0	3.0	2.5	9.0	9.5
AC-FT	---	---	---	---	---	---	---	549	235	159	481	561
CFSM	---	---	---	---	---	---	---	1.48	.65	.43	1.29	1.56
IN.	---	---	---	---	---	---	---	1.70	.73	.49	1.49	1.74

‡ Result of discharge measurement
e Estimated

YUKON ALASKA

15477768 SONORA CREEK ABOVE TRIBUTARY NEAR BIG DELTA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	e5.2	3.2	2.3	1.7	1.6	1.4	3.5	2.6	e4.2	7.7	4.3
2	7.1	4.6	3.2	2.3	1.7	1.6	1.4	2.8	2.5	e4.0	6.3	4.6
3	e6.6	4.6	3.0	2.3	1.7	1.6	1.3	2.5	2.4	e3.4	5.8	4.7
4	e6.4	4.6	2.9	2.2	1.8	1.6	1.3	2.4	2.8	e3.0	5.4	4.6
5	e6.4	4.4	2.9	2.2	1.7	1.6	1.3	2.3	5.0	e3.0	5.1	e4.4
6	e6.2	4.2	3.0	2.2	1.7	1.5	1.4	2.8	3.6	e3.6	4.9	e4.1
7	e6.2	4.1	3.1	2.1	1.7	1.5	1.4	2.5	3.5	e6.6	4.7	e4.1
8	e6.0	4.1	3.1	2.1	1.7	1.5	1.4	2.5	5.1	e8.2	4.5	e4.0
9	e6.0	4.1	3.2	2.1	1.7	1.5	1.4	3.1	3.8	e5.8	4.4	e3.9
10	e5.8	4.1	3.1	2.1	1.7	1.5	1.4	3.1	3.2	e4.6	4.4	e3.8
11	e5.6	4.1	2.9	2.1	1.6	1.5	1.4	3.1	2.8	e4.2	4.5	e3.8
12	e5.4	4.0	2.8	2.0	1.6	1.5	1.4	3.4	2.6	e4.0	4.8	e3.7
13	e5.4	4.0	2.7	2.0	1.7	1.5	1.4	4.0	2.6	e3.8	4.7	e3.6
14	e5.6	3.9	2.7	2.0	1.7	1.5	1.4	4.3	2.8	e3.4	4.7	e3.6
15	e5.8	3.9	2.7	1.9	1.7	1.5	1.4	5.0	3.3	e3.2	4.6	e3.6
16	e6.0	3.9	2.5	2.0	1.7	1.5	1.4	5.1	2.8	e3.0	4.7	e3.6
17	e6.2	3.8	2.4	2.0	1.7	1.5	1.4	4.8	2.5	e2.9	4.6	e3.5
18	e6.4	3.7	2.4	2.0	1.7	1.6	1.4	5.0	2.4	e2.8	4.5	e3.5
19	e6.4	3.7	2.4	2.0	1.7	1.5	1.4	5.6	2.3	e2.7	4.5	e3.5
20	e6.2	3.7	2.4	2.1	1.7	1.5	1.4	6.8	2.2	e2.8	4.4	e3.5
21	e6.2	3.6	2.5	2.0	1.6	1.5	1.7	7.5	2.2	e2.8	4.4	e3.4
22	e6.2	3.6	2.5	2.0	1.6	1.5	2.7	7.3	2.1	e2.8	4.3	e3.4
23	e6.0	3.6	2.4	2.0	1.6	1.5	3.3	12	2.1	e3.4	4.5	e3.3
24	e6.0	3.5	2.3	2.0	1.7	1.4	3.1	8.0	2.0	e6.2	4.8	e3.3
25	e5.8	3.5	2.2	1.9	1.7	1.4	3.2	5.0	e1.9	5.6	4.7	e3.2
26	e5.8	3.4	2.1	1.9	1.6	1.4	3.7	3.9	e1.9	5.1	4.6	3.1
27	e5.6	3.3	2.2	1.9	1.6	1.4	3.9	3.6	e2.4	5.8	4.5	3.1
28	e5.6	3.2	2.2	1.8	1.6	1.3	3.7	3.2	e2.8	6.2	4.5	3.0
29	e5.4	3.2	2.2	1.8	---	1.4	4.0	2.8	e3.0	7.8	4.4	3.0
30	e5.4	3.2	2.1	1.8	---	1.4	3.9	2.7	e4.0	8.9	4.4	3.1
31	e5.2	---	2.2	1.8	---	1.3	---	2.7	---	8.2	4.3	---
TOTAL	186.8	116.8	81.5	62.9	46.9	46.1	60.9	133.3	85.2	142.0	148.6	110.3
MEAN	6.03	3.89	2.63	2.03	1.68	1.49	2.03	4.30	2.84	4.58	4.79	3.68
MAX	7.9	5.2	3.2	2.3	1.8	1.6	4.0	12	5.1	8.9	7.7	4.7
MIN	5.2	3.2	2.1	1.8	1.6	1.3	1.3	2.3	1.9	2.7	4.3	3.0
MED	6.0	3.9	2.5	2.0	1.7	1.5	1.4	3.5	2.6	4.0	4.6	3.6
AC-FT	371	232	162	125	93	91	121	264	169	282	295	219
CFSM	1.00	.64	.43	.34	.28	.25	.34	.71	.47	.76	.79	.61
IN.	1.15	.72	.50	.39	.29	.28	.37	.82	.52	.87	.91	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)#

	2000	2001	2001	2001	2001	2001	2001	2001	2001	2000	2001	2001
MEAN	6.03	3.89	2.63	2.03	1.68	1.49	2.03	6.61	3.40	3.58	6.31	6.55
MAX	6.03	3.89	2.63	2.03	1.68	1.49	2.03	8.93	3.95	4.58	7.83	9.42
(WY)	2001	2001	2001	2001	2001	2001	2001	2000	2000	2001	2000	2000
MIN	6.03	3.89	2.63	2.03	1.68	1.49	2.03	4.30	2.84	2.58	4.79	3.68
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2000	2001	2001

SUMMARY STATISTICS

FOR 2001 WATER YEAR

WATER YEARS 2000 - 2001#

ANNUAL TOTAL	1221.3	
ANNUAL MEAN	3.35	3.35
HIGHEST ANNUAL MEAN		3.35
LOWEST ANNUAL MEAN		3.35
HIGHEST DAILY MEAN	12	May 23
LOWEST DAILY MEAN	a1.3	Mar 28
ANNUAL SEVEN-DAY MINIMUM	1.3	Mar 30
MAXIMUM PEAK FLOW	14	May 23
MAXIMUM PEAK STAGE	20.47	May 23
INSTANTANEOUS LOW FLOW	b1.3	Mar 25
ANNUAL RUNOFF (AC-FT)	2420	2420
ANNUAL RUNOFF (CFSM)	.55	.55
ANNUAL RUNOFF (INCHES)	7.51	7.51
10 PERCENT EXCEEDS	5.8	9.0
50 PERCENT EXCEEDS	3.1	3.3
90 PERCENT EXCEEDS	1.5	1.6

See Period of Record; partial years used in monthly statistics
a Mar. 28, 31, and Apr. 3-5
b Mar. 25 to Apr. 11
c Minimum observed outside period of record, result of discharge measurement
e Estimated

YUKON ALASKA

1547770 SONORA CREEK NEAR BIG DELTA

LOCATION.--Lat 64°22'40", long 144°48'41", in SE¹/₄ sec.20, T.6 S., R.15 E. (Big Delta B-2 quad), Hydrologic Unit 19040503, on left bank, 1.2 mi upstream from mouth, 6.5 mi southeast of Pogo Mine Camp site, and 34 mi northeast of Big Delta.

DRAINAGE AREA.--10.5 mi².

PERIOD OF RECORD.--August 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1450 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

REVISED RECORDS.--WDR AK-00-1: 1998 (M).

REVISIONS.-- The estimated maximum discharge for the water year 2000 has been revised to 61 ft³/s, May 22, 2000, gage height undetermined. Revised daily discharges, in cubic feet per second, for the period May 20 to 26, 2000 are given below. These figures supersede those published in reports for 2000.

Daily Discharges

	May 20...e29	May 21...e31	May 22...e38	May 23...e31	May 24...e49	May 25...e38	May 26...e25
MONTH	TOTAL	MEAN	MAX	MIN	AC-FT	CFSM	IN
May 2000	507.9	16.4	49	4.9	1010	1.56	1.80
Wtr year 2000	1043.8	5.91	49	.60	4290	.56	7.66

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e13	e6.2	e2.9	e1.9	e1.5	e1.4	e1.2	e5.2	3.6	5.4	13	6.6
2	e11	e6.0	e2.9	e1.9	e1.5	e1.4	e1.2	e4.4	3.2	4.9	10	7.3
3	e11	e5.8	e2.8	e1.9	e1.5	e1.4	e1.2	e3.8	3.1	4.2	9.1	7.5
4	e10	e5.6	e2.8	e1.9	e1.5	e1.4	e1.2	e3.6	3.6	3.9	8.4	7.2
5	e10	e5.4	e2.7	e1.9	e1.5	e1.4	e1.2	e3.4	8.1	3.9	8.1	7.0
6	e9.8	e5.4	e2.7	e1.8	e1.5	e1.3	e1.2	e3.6	5.6	4.7	7.6	6.9
7	e9.6	e5.2	e2.7	e1.8	e1.5	e1.3	e1.2	e3.8	5.5	7.8	7.2	7.0
8	e9.6	e5.0	e2.6	e1.8	e1.5	e1.3	e1.2	e4.0	9.4	13	6.9	7.0
9	e9.4	e4.9	e2.6	e1.8	e1.5	e1.3	e1.2	e4.3	6.4	9.2	6.8	6.9
10	e9.2	e4.7	e2.5	e1.8	e1.5	e1.3	e1.2	e4.8	4.8	7.1	6.7	6.7
11	e9.0	e4.6	e2.5	e1.8	e1.5	e1.3	e1.2	e5.4	4.0	6.0	6.9	6.7
12	e8.8	e4.5	e2.5	e1.7	e1.5	e1.3	e1.2	e6.0	3.6	5.4	7.6	6.6
13	e8.6	e4.4	e2.4	e1.7	e1.4	e1.3	e1.2	e6.8	3.5	5.3	7.2	6.3
14	e8.6	e4.2	e2.4	e1.7	e1.4	e1.3	e1.3	8.3	3.8	5.2	7.2	6.1
15	e8.8	e4.1	e2.4	e1.7	e1.4	e1.3	e1.3	9.3	4.8	4.9	7.0	6.0
16	e9.0	e4.0	e2.3	e1.7	e1.4	e1.3	e1.3	9.2	3.8	4.7	7.2	6.0
17	e9.2	e3.9	e2.3	e1.7	e1.4	e1.3	e1.4	8.9	3.3	4.4	7.0	5.9
18	e9.4	e3.8	e2.3	e1.7	e1.4	e1.3	e1.5	8.9	3.0	4.3	6.9	5.7
19	e9.2	e3.7	e2.2	e1.6	e1.4	e1.3	e1.6	10	2.9	4.2	6.8	5.7
20	e9.0	e3.7	e2.2	e1.6	e1.4	e1.3	e1.9	13	2.8	4.5	6.6	5.7
21	e8.8	e3.6	e2.2	e1.6	e1.4	e1.3	e2.4	14	2.7	4.5	6.5	5.6
22	e8.6	e3.5	e2.2	e1.6	e1.4	e1.3	e3.0	14	2.6	4.4	6.6	5.6
23	e8.2	e3.4	e2.1	e1.6	e1.4	e1.3	e3.6	22	2.5	4.9	7.2	5.5
24	e8.0	e3.4	e2.1	e1.6	e1.4	e1.3	e4.6	15	2.5	8.1	8.1	5.4
25	e7.8	e3.3	e2.1	e1.6	e1.4	e1.2	e5.8	9.0	2.4	8.5	7.8	5.3
26	e7.6	e3.2	e2.1	e1.6	e1.4	e1.2	e6.2	6.4	2.4	7.6	7.6	5.1
27	e7.2	e3.1	e2.0	e1.6	e1.4	e1.2	e6.4	5.5	3.3	8.9	7.3	5.0
28	e7.0	e3.1	e2.0	e1.6	e1.4	e1.2	e6.6	4.9	3.7	9.8	7.1	4.9
29	e6.8	e3.0	e2.0	e1.6	---	e1.2	e6.6	4.1	3.8	13	6.8	5.0
30	e6.6	e3.0	e2.0	e1.5	---	e1.2	e6.4	4.0	5.1	15	6.7	5.0
31	e6.4	---	e2.0	e1.5	---	e1.2	---	3.9	---	14	6.7	---
TOTAL	275.2	127.7	73.5	52.8	40.4	40.1	77.5	229.5	119.8	211.7	232.6	183.2
MEAN	8.88	4.26	2.37	1.70	1.44	1.29	2.58	7.40	3.99	6.83	7.50	6.11
MAX	13	6.2	2.9	1.9	1.5	1.4	6.6	22	9.4	15	13	7.5
MIN	6.4	3.0	2.0	1.5	1.4	1.2	1.2	3.4	2.4	3.9	6.5	4.9
AC-FT	546	253	146	105	80	80	154	455	238	420	461	363
CFSM	.85	.41	.23	.16	.14	.12	.25	.71	.38	.65	.71	.58
IN.	.97	.45	.26	.19	.14	.14	.27	.81	.42	.75	.82	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)#

MEAN	3.81	2.15	1.36	1.00	.82	.73	1.61	9.19	4.90	4.76	7.94	7.37
MAX	8.88	4.26	2.37	1.70	1.44	1.29	2.58	16.4	7.65	6.83	16.0	18.5
(WY)	2001	2001	2001	2001	2001	2001	2001	2000	2000	2001	2000	2000
MIN	1.63	1.31	.98	.71	.56	.45	.91	4.27	1.74	3.11	4.29	2.69
(WY)	2000	2000	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999

See Period of Record; partial years used in monthly statistics
e Estimated

YUKON ALASKA

15477770 SONORA CREEK NEAR BIG DELTA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1997 - 2001#
ANNUAL TOTAL	2516.80	1664.0	
ANNUAL MEAN	6.88	4.56	3.88
HIGHEST ANNUAL MEAN			5.91 2000
LOWEST ANNUAL MEAN			2.07 1998
HIGHEST DAILY MEAN	49 May 24	22 May 23	e49 May 24 2000
LOWEST DAILY MEAN	a.60 Feb 15	b1.2 Mar 25	.40 Mar 7 1998
ANNUAL SEVEN-DAY MINIMUM	.60 Feb 15	1.2 Mar 25	.40 Mar 7 1998
INSTANTANEOUS PEAK FLOW		26 May 23	e61 May 22 2000
INSTANTANEOUS PEAK STAGE		29.05 May 23	c
INSTANTANEOUS PEAK STAGE		d30.04 Apr 21	de33.4 May 12 2000
ANNUAL RUNOFF (AC-FT)	4990	3300	2810
ANNUAL RUNOFF (CFSM)	.65	.43	.37
ANNUAL RUNOFF (INCHES)	8.92	5.90	5.01
10 PERCENT EXCEEDS	19	8.9	8.4
50 PERCENT EXCEEDS	4.3	3.8	2.2
90 PERCENT EXCEEDS	.60	1.3	.60

See Period of Record; partial years used in monthly statistics
a From Feb. 15 to Apr. 14
b From Mar. 25 to Apr. 13
c Not determined
d Backwater from snow and ice
e Estimated

YUKON ALASKA

15477790 CENTRAL CREEK NEAR BIG DELTA

LOCATION.--Lat 64°22'37", long 144°56'35", in SE¹/₄ sec. 22, T. 6 S., R. 14 E. (Big Delta B-2 quad), Hydrologic Unit 19040503, on right bank, 0.5 mi upstream from mouth, 5 mi south of Pogo Mine Camp site, and 31 mi northeast of Big Delta.

DRAINAGE AREA.--115 mi².

PERIOD OF RECORD.--August 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1250 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e90	e36	e23	e12	e9.6	e7.8	e6.4	36	e82	174	282	66
2	e68	e36	e22	e12	e9.6	e7.8	e6.2	32	e84	143	187	66
3	e66	e35	e22	e12	e9.6	e7.8	e6.2	29	85	143	145	82
4	e64	e34	e21	e12	e9.4	e7.6	e6.2	25	81	85	126	82
5	e62	e33	e21	e12	e9.4	e7.6	e6.2	23	172	68	117	77
6	e62	e32	e20	e12	e9.4	e7.6	e6.2	27	148	106	105	76
7	e60	e31	e20	e12	e9.2	e7.6	e6.2	27	139	204	93	77
8	e58	e31	e19	e12	e9.2	e7.4	e6.2	28	262	298	84	82
9	e52	e31	e19	e12	e9.2	e7.4	e6.2	33	163	216	77	85
10	e48	e31	e18	e12	e9.0	e7.4	e6.2	36	104	134	73	80
11	e44	e32	e18	e12	e9.0	e7.4	e6.4	33	75	95	70	75
12	e40	e32	e18	e12	e8.8	e7.4	e6.4	34	62	73	80	71
13	e38	e32	e17	e12	e8.8	e7.2	e6.6	47	56	61	85	67
14	e38	e33	e17	e12	e8.8	e7.2	e6.6	61	78	59	82	63
15	e40	e33	e17	e12	e8.6	e7.2	e6.8	85	116	82	77	61
16	e42	e33	e16	e11	e8.6	e7.2	e6.8	99	79	68	76	59
17	e42	e32	e16	e11	e8.6	e7.0	e7.0	104	56	54	74	57
18	e40	e32	e16	e11	e8.4	e7.0	e7.0	114	44	48	72	55
19	e39	e32	e15	e11	e8.4	e7.0	e7.2	124	38	43	68	54
20	e38	e31	e15	e11	e8.4	e7.0	e7.4	155	34	39	63	52
21	e38	e31	e15	e11	e8.2	e6.8	e7.8	190	30	40	60	52
22	e37	e30	e14	e11	e8.2	e6.8	e8.6	228	27	44	59	50
23	e37	e30	e14	e11	e8.2	e6.8	e11	348	25	47	59	49
24	e36	e29	e14	e11	e8.2	e6.6	e19	311	23	92	102	47
25	e36	e28	e13	e11	e8.0	e6.6	e26	193	21	141	103	46
26	e37	e27	e13	e10	e8.0	e6.6	30	142	21	127	105	45
27	e38	e26	e13	e10	e8.0	e6.6	32	131	145	120	98	43
28	e38	e25	e13	e10	e8.0	e6.4	34	152	184	151	91	41
29	e36	e24	e13	e10	---	e6.4	37	106	111	307	79	40
30	e36	e24	e13	e9.8	---	e6.4	37	80	184	382	73	41
31	e37	---	e13	e9.8	---	e6.4	---	81	---	310	70	---
TOTAL	1437	926	518	349.6	244.8	220.0	372.8	3114	2729	3954	2935	1841
MEAN	46.4	30.9	16.7	11.3	8.74	7.10	12.4	100	91.0	128	94.7	61.4
MAX	90	36	23	12	9.6	7.8	37	348	262	382	282	85
MIN	36	24	13	9.8	8.0	6.4	6.2	23	21	39	59	40
AC-FT	2850	1840	1030	693	486	436	739	6180	5410	7840	5820	3650
CFSM	.40	.27	.15	.10	.08	.06	.11	.87	.79	1.11	.82	.53
IN.	.46	.30	.17	.11	.08	.07	.12	1.01	.88	1.28	.95	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)#

MEAN	24.0	11.6	5.42	3.30	2.41	1.98	10.1	138	88.6	73.0	114	73.2
MAX	46.4	30.9	16.7	11.3	8.74	7.10	12.4	241	170	128	237	170
(WY)	2001	2001	2001	2001	2001	2001	2001	2000	2000	2001	2000	2000
MIN	13.8	4.71	.75	.026	.000	.000	4.82	81.6	26.3	47.8	70.1	37.2
(WY)	2000	1999	1999	1999	1999	1999	2000	1998	1998	1999	1998	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1997 - 2001#	
ANNUAL TOTAL	29838.20		18641.2			
ANNUAL MEAN	81.5		51.1		46.5	
HIGHEST ANNUAL MEAN					75.5	
LOWEST ANNUAL MEAN					26.8	
HIGHEST DAILY MEAN	918	Aug 13	382	Jul 30	918	Aug 13 2000
LOWEST DAILY MEAN	a.00	Feb 18	b6.2	Apr 2	c.00	Jan 8 1999
ANNUAL SEVEN-DAY MINIMUM	.00	Feb 18	6.2	Apr 2	.00	Jan 8 1999
MAXIMUM PEAK FLOW			535	Jul 29	d1340	Aug 13 2000
MAXIMUM PEAK STAGE			44.53	Jul 29	45.43	Aug 13 2000
ANNUAL RUNOFF (AC-FT)	59180		36970		33690	
ANNUAL RUNOFF (CFSM)	.71		.44		.40	
ANNUAL RUNOFF (INCHES)	9.65		6.03		5.49	
10 PERCENT EXCEEDS	254		118		118	
50 PERCENT EXCEEDS	32		32		21	
90 PERCENT EXCEEDS	.00		7.2		.00	

See Period of Record; partial years used in monthly statistics
a From Feb. 18 to Apr. 19
b From Apr. 02 to Apr. 10
c No flow during winter months most years
d From rating extended above 395 ft³/s
e Estimated

YUKON ALASKA

15478040 PHELAN CREEK NEAR PAXSON

LOCATION.--Lat 63°14'27", Long 145°28'03", in SW¹/₄ sec. 28, T. 19 S., R. 12 E. (Mt.Hayes A-3 quad), Hydrologic Unit 19020102, on left bank about 1 mi downstream from terminus of Gulkana Glacier and 14.5 mi north of Paxson, Alaska.

DRAINAGE AREA.--12.2 mi².

PERIOD OF RECORD.--October 1966 to September 1978, annual maximums, water years 1984-85, October 1989 to current year. Water year 1994 not published, daily mean values of discharge are available from the computer files of the Alaska Science Center. Prior to October 1968, published as Gulkana Creek near Paxson.

GAGE.--Water-stage recorder. Datum of gage is 3,690.67 ft above sea level.

REMARKS.--Records fair except for the period July 20 to 31 and estimated daily discharges, which are poor. Large fluctuations from ice melt and alternate damming and storage release during melt season. Streamflow augmented by Gulkana Glacier and other glaciers that cover 7.5 mi² and 1.1 mi², respectively, of the drainage basin. A recording air temperature and precipitation gage at 4,860 ft above sea level, plus 3 snow and ice balance measurement sites, are located in the basin. Combined snow, ice, and water balances of the basin are published in other reports of the Geological Survey. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	10	5.9	4.5	3.3	2.6	2.2	2.7	72	264	338	101
2	22	10	5.8	4.5	3.1	2.5	2.2	2.6	66	276	277	100
3	21	9.8	5.9	4.4	3.0	2.4	2.2	2.5	56	244	250	87
4	20	9.8	5.9	4.3	3.0	2.4	2.2	2.4	65	226	238	67
5	20	9.6	6.0	4.3	3.1	2.5	2.1	2.5	78	253	210	53
6	20	9.5	5.9	4.3	3.1	2.5	2.2	2.5	100	206	210	35
7	19	9.4	5.8	4.3	3.0	2.5	2.2	2.4	104	181	203	31
8	17	9.3	5.8	4.2	2.8	2.5	2.2	2.6	88	166	196	27
9	17	8.7	5.7	4.1	2.8	2.5	2.2	2.6	90	150	191	27
10	16	8.6	5.8	3.9	2.8	2.5	2.2	2.6	101	162	198	30
11	16	8.5	5.7	4.0	2.8	2.5	2.2	2.6	119	152	190	30
12	15	8.1	5.5	4.1	2.8	2.5	2.2	2.9	152	143	191	28
13	15	8.1	5.3	3.9	2.9	2.5	2.2	3.3	120	154	213	27
14	14	8.0	5.4	3.9	e2.9	2.4	2.1	3.7	122	187	230	25
15	14	7.7	5.4	4.0	2.9	2.4	2.0	4.2	135	211	218	25
16	14	7.9	5.3	3.7	2.9	2.4	2.0	5.3	128	221	249	26
17	14	7.6	5.3	3.5	2.9	2.2	2.0	6.9	135	223	224	36
18	13	7.6	5.2	3.5	2.8	2.3	2.1	8.7	140	267	224	42
19	13	7.4	5.2	3.6	2.7	2.3	2.1	13	139	259	208	39
20	e13	7.4	5.1	3.5	2.7	2.3	2.2	e21	193	368	215	42
21	e13	7.3	5.1	3.5	2.7	2.3	2.2	e28	244	477	282	38
22	12	6.9	4.7	3.5	2.6	2.2	2.3	e23	222	616	269	27
23	12	6.9	4.9	3.5	2.6	2.2	2.4	e17	253	598	202	25
24	12	6.7	4.9	3.4	2.5	2.2	2.3	e14	252	573	198	23
25	12	6.6	4.7	3.3	2.6	2.2	2.4	13	225	505	185	21
26	12	6.3	4.8	3.4	2.8	2.2	2.5	14	319	477	159	20
27	e11	6.6	4.7	3.3	2.8	2.2	2.5	16	293	425	148	19
28	e11	6.5	4.7	3.3	2.6	2.2	2.5	23	302	371	155	19
29	e11	6.3	4.7	3.3	---	2.2	2.5	24	250	422	152	19
30	11	6.0	4.4	3.3	---	2.2	2.7	28	259	602	142	17
31	11	---	4.5	3.4	---	2.1	---	47	---	541	130	---
TOTAL	464	239.1	164.0	117.7	79.5	72.9	67.3	344.0	4822	9920	6495	1106
MEAN	15.0	7.97	5.29	3.80	2.84	2.35	2.24	11.1	161	320	210	36.9
MAX	23	10	6.0	4.5	3.3	2.6	2.7	47	319	616	338	101
MIN	11	6.0	4.4	3.3	2.5	2.1	2.0	2.4	56	143	130	17
AC-FT	920	474	325	233	158	145	133	682	9560	19680	12880	2190
CFSM	1.23	.65	.43	.31	.23	.19	.18	.91	13.2	26.2	17.2	3.02
IN.	1.41	.73	.50	.36	.24	.22	.21	1.05	14.70	30.25	19.80	3.37

e Estimated

YUKON ALASKA

15478040 PHELAN CREEK NEAR PAXSON--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2001, BY WATER YEAR (WY)#

MEAN	10.8	5.67	4.06	3.21	2.70	2.36	2.25	16.1	143	305	251	61.1
MAX	17.4	9.57	6.87	5.32	4.50	4.00	4.00	48.2	247	460	411	129
(WY)	1996	1996	1996	1996	1972	1971	1971	1995	1969	1976	1972	1995
MIN	5.55	2.50	2.00	1.48	1.00	1.00	1.00	2.39	72.9	181	73.6	14.3
(WY)	1999	1978	1978	1967	1967	1967	1967	1992	1975	1991	1992	1992

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1967 - 2001#	
ANNUAL TOTAL	20922.7		23891.5			
ANNUAL MEAN	57.2		65.5		67.9	
HIGHEST ANNUAL MEAN					91.6	
LOWEST ANNUAL MEAN					43.0	
HIGHEST DAILY MEAN	570	Jul 17	616	Jul 22	1330	Aug 13 1997
LOWEST DAILY MEAN	a2.8	Apr 12	b2.0	Apr 15	c1.0	Jan 16 1967
ANNUAL SEVEN-DAY MINIMUM	2.8	Apr 12	2.1	Apr 13	1.0	Jan 16 1967
MAXIMUM PEAK FLOW			897		2320	
MAXIMUM PEAK STAGE			9.32		11.51	
MAXIMUM PEAK STAGE			d10.78		df14.70	
ANNUAL RUNOFF (AC-FT)	41500		47390		49180	
ANNUAL RUNOFF (CFSM)	4.69		5.37		5.56	
ANNUAL RUNOFF (INCHES)	63.80		72.85		75.60	
10 PERCENT EXCEEDS	223		224		250	
50 PERCENT EXCEEDS	7.6		7.7		6.0	
90 PERCENT EXCEEDS	3.0		2.3		2.0	

- # See Period of Record
a From Apr. 12 to Apr. 28
b From Apr. 15 to Apr. 17
c For many days in the winter and spring during water years 1967, 1969, 1978, and 1991
d Backwater from snow and Ice
e Estimated
f Occurred in early Jun. as a result of flow over ice

YUKON ALASKA

15484000 SALCHA RIVER NEAR SALCHAKET

LOCATION.--Lat 64°28'22", long 146°55'26", in NE¹/₄ sec. 22, T. 5 S., R. 4 E. (Big Delta B-6 quad), Fairbanks North Star Borough, Hydrologic Unit 19040505, on right bank 0.2 mi upstream from bridge on Richardson Highway, 0.5 mi east of Sno-Shu Inn, 2 mi upstream from mouth, and 6 mi southeast of Salchaket.

DRAINAGE AREA.--2,170 mi², approximately.

PERIOD OF RECORD.--July 1909 to August 1910, published as "at mouth" (no winter records), October 1948 to current year.

GAGE.--Water-stage recorder. Datum of gage is 631.85 ft above sea level. Prior to August 10, 1910, nonrecording gage at site 1.5 mi downstream at different datum. October 1, 1948, to April 24, 1953, nonrecording gage, and April 25, 1953 to October 16, 1967, water-stage recorder at site 800 ft downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3630	e920	e680	e440	e370	e320	e270	e1100	2540	1470	8730	2130
2	3140	e880	e660	e440	e370	e320	e270	e1100	2820	2130	6600	2100
3	2880	e840	e660	e430	e360	e320	e270	e1050	3240	2350	5320	2120
4	2560	e820	e660	e430	e360	e320	e270	e1000	3650	2290	4800	2190
5	2440	e780	e640	e420	e360	e320	e270	e1000	3310	1990	4630	2160
6	2700	e760	e640	e420	e360	e310	e270	e1000	4100	1870	4150	2110
7	2890	e740	e640	e410	e360	e310	e270	e1050	3960	4550	3670	2070
8	2750	e720	e640	e410	e350	e310	e270	e1100	5300	5490	3270	2030
9	2570	e720	e640	e410	e350	e310	e280	e1150	6850	4300	2960	1990
10	e2400	e740	e620	e400	e350	e310	e280	e1200	4440	3500	2730	1960
11	2230	e760	e620	e400	e350	e310	e290	e1250	3320	2920	2580	1910
12	2060	e800	e620	e400	e350	e310	e300	e1300	2870	2460	2560	1840
13	1920	e840	e620	e400	e340	e310	e320	1360	2650	2130	3020	1780
14	2090	e880	e600	e390	e340	e310	e320	1500	2390	1950	3420	1740
15	2060	e900	e580	e390	e340	e310	e340	1690	2220	2000	3280	1680
16	e2000	e920	e580	e390	e340	e310	e340	2240	2370	2180	3600	1620
17	e1900	e920	e560	e390	e340	e310	e360	2630	2160	2110	3660	1570
18	e1800	e900	e560	e390	e330	e310	e380	2790	1860	1890	3650	1530
19	e1650	e900	e540	e380	e330	e310	e400	2980	1680	1750	3390	1490
20	e1500	e880	e540	e380	e330	e300	e440	3190	1600	1660	3260	1450
21	e1400	e860	e540	e380	e330	e290	e480	3670	1470	1540	3090	1420
22	e1300	e840	e520	e380	e330	e290	e550	4550	1350	1480	2890	1390
23	e1200	e820	e520	e380	e330	e290	e600	5140	1270	1620	2720	1360
24	e1160	e780	e500	e380	e330	e280	e700	5790	1190	1950	2620	1340
25	e1120	e760	e490	e380	e330	e280	e800	4970	1130	2600	2570	1310
26	e1100	e740	e480	e380	e330	e280	e850	3800	1070	3600	2560	1280
27	e1080	e720	e470	e380	e330	e270	e900	3300	1000	3580	2610	1260
28	e1060	e700	e460	e370	e320	e270	e1000	3490	1050	3560	2530	1230
29	e1040	e700	e450	e370	---	e270	e1050	4150	1200	4350	2410	1190
30	e1000	e680	e450	e370	---	e270	e1100	3120	1400	9630	2280	1160
31	e960	---	e440	e370	---	e270	---	2480	---	10700	2200	---
TOTAL	59590	24220	17620	12260	9610	9300	14240	76140	75460	95600	107760	50410
MEAN	1922	807	568	395	343	300	475	2456	2515	3084	3476	1680
MAX	3630	920	680	440	370	320	1100	5790	6850	10700	8730	2190
MIN	960	680	440	370	320	270	270	1000	1000	1470	2200	1160
AC-FT	118200	48040	34950	24320	19060	18450	28250	151000	149700	189600	213700	99990
CFSM	.89	.37	.26	.18	.16	.14	.22	1.13	1.16	1.42	1.60	.77
IN.	1.02	.42	.30	.21	.16	.16	.24	1.31	1.29	1.64	1.85	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2001, BY WATER YEAR (WY)#

MEAN	1085	505	355	259	210	190	403	4235	3823	2642	3029	2436
MAX	1969	1028	730	471	449	377	1373	8666	8640	7330	13350	6186
(WY)	1994	1994	1994	1992	1994	1992	1993	1962	1964	1949	1967	1952
MIN	484	230	160	130	62.0	60.0	104	1564	963	568	717	636
(WY)	1959	1954	1954	1954	1953	1953	1974	1964	1969	1958	1966	1966

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1949 - 2001#
ANNUAL TOTAL	778940	552210	
ANNUAL MEAN	2128	1513	1606
HIGHEST ANNUAL MEAN			2957
LOWEST ANNUAL MEAN			796
HIGHEST DAILY MEAN	25400	Aug 15	94100
LOWEST DAILY MEAN	a150	Mar 14	e60
ANNUAL SEVEN-DAY MINIMUM	150	Mar 14	60
INSTANTANEOUS PEAK FLOW		11200	Jul 31
INSTANTANEOUS PEAK STAGE		11.79	Jul 31
INSTANTANEOUS LOW FLOW			60
ANNUAL RUNOFF (AC-FT)	1545000	1095000	1163000
ANNUAL RUNOFF (CFSM)	.98	.70	.74
ANNUAL RUNOFF (INCHES)	13.35	9.47	10.06
10 PERCENT EXCEEDS	6300	3400	3930
50 PERCENT EXCEEDS	980	1000	646
90 PERCENT EXCEEDS	170	310	170

- # See Period of Record
- a From Mar. 14 to Mar. 22
- b From Mar. 27 to Apr. 8
- c Monthly mean published for Mar. 1953
- e Estimated

YUKON ALASKA

15485500 TANANA RIVER AT FAIRBANKS

LOCATION.--Lat 64°47'34", long 147°50'20", in NE¹/₄ SW¹/₄ sec. 25, T. 1 S., R. 2 W. (Fairbanks D-2 quad), Fairbanks North Star Borough, Hydrologic Unit 19040507, on right bank at the end of Groin No. 1 on Corps of Engineers flood-protection levee, 1.0 mi south of Fairbanks International Airport, and 1.0 mi upstream from Chena River.

DRAINAGE AREA.--Undefined. Part of river flows through Salchaket Slough and is ungaged.

PERIOD OF RECORD.--June 1973 to current year.

GAGE.--Water-stage recorder. Datum of gage is 400 ft above sea level. Prior to September 14, 1973, nonrecording gage, and September 14, 1973 to June 14, 1985, water-stage recorder, at site 2.8 mi upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 16, 1967 reached a stage of 34.4 ft, from floodmarks at site then in use; discharge, about 125,000 ft³/s, contained in reports of the Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33900	e10000	e6800	e6000	e6000	e5800	e5600	e11500	21600	44400	78000	37200
2	32600	e9200	e6600	e6000	e6000	e5800	e5600	e11500	22200	43900	77700	35800
3	30400	e8800	e6600	e6000	e6000	e5800	e5600	e11500	23800	43400	74800	36300
4	28800	e8600	e6600	e6000	e6000	e5800	e5600	e11500	25800	43900	72700	42900
5	27200	e8400	e6600	e6000	e6000	e5800	e5600	e12000	27000	44900	71000	42100
6	26500	e8200	e6600	e6000	e6000	e5800	e5600	e12500	28900	45300	68600	39400
7	26600	e8000	e6600	e6000	e5800	e5800	e5600	e13000	30900	46400	65500	37600
8	26400	e7800	e6600	e6000	e5800	e5800	e5600	e14000	33700	48200	63700	34500
9	25900	e7800	e6400	e6000	e5800	e5800	e5800	e14500	36800	45100	63900	32700
10	25000	e8000	e6400	e6000	e5800	e5800	e5800	e15500	36600	43000	63700	31500
11	e24000	e8400	e6400	e6000	e5800	e5800	e5800	e16000	35000	42000	62200	30500
12	e23500	e8600	e6200	e6000	e5800	e5800	e5800	e17300	35100	40200	59600	29500
13	22600	e9000	e6200	e6000	e5800	e5800	e6000	17900	36100	39600	57400	28500
14	22900	e9200	e6200	e6000	e5800	e5800	e6000	17500	37500	39800	56300	27600
15	22700	e9200	e6200	e6000	e5800	e5800	e6200	17200	38000	40800	57900	27600
16	21800	e9200	e6200	e6000	e5800	e5800	e6200	17800	37500	42300	61300	26800
17	20500	e9200	e6200	e6000	e5800	e5800	e6400	18500	37300	43200	64200	26100
18	19700	e9000	e6200	e6000	e5800	e5800	e6600	18900	37600	43700	65500	25400
19	18700	e8800	e6200	e6000	e5800	e5800	e6800	19600	38500	44900	63800	24900
20	16500	e8600	e6200	e6000	e5800	e5800	e7000	20400	40000	46900	61000	24400
21	e15000	e8400	e6200	e6000	e5800	e5800	e7200	22100	41100	50600	59500	24000
22	e14500	e8200	e6200	e6000	e5800	e5800	e7400	23500	42400	57700	59600	23700
23	e14500	e7800	e6200	e6000	e5800	e5800	e7800	24800	43700	60900	62900	23300
24	e14500	e7400	e6200	e6000	e5800	e5800	e8200	25700	44700	61500	56500	22900
25	e14000	e7200	e6200	e6000	e5800	e5600	e8600	26500	45200	63000	51500	22700
26	e13000	e7000	e6200	e6000	e5800	e5600	e9200	25700	45200	64500	48500	22400
27	e13000	e6800	e6200	e6000	e5800	e5600	e9600	24300	45400	66000	46300	21900
28	e13000	e6800	e6200	e6000	e5800	e5600	e10000	23200	45800	67900	43800	21300
29	e12500	e6800	e6200	e6000	---	e5600	e10500	23200	43000	69500	41600	20800
30	e11500	e6800	e6000	e6000	---	e5600	e11000	23000	42900	70400	40300	20300
31	e10500	---	e6000	e6000	---	e5600	---	22000	---	74800	39100	---
TOTAL	642200	247200	195800	186000	163600	178400	208700	572600	1099300	1578700	1858400	864600
MEAN	20720	8240	6316	6000	5843	5755	6957	18470	36640	50930	59950	28820
MAX	33900	10000	6800	6000	6000	5800	11000	26500	45800	74800	78000	42900
MIN	10500	6800	6000	6000	5800	5600	5600	11500	21600	39600	39100	20300
AC-FT	1274000	490300	388400	368900	324500	353900	414000	1136000	2180000	3131000	3686000	1715000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2001, BY WATER YEAR (WY)#

MEAN	13470	7627	6131	5586	5385	5331	7422	22230	36250	52600	48920	27270
MAX	20720	10370	8090	7135	6700	6761	12700	36290	51350	66090	70080	44880
(WY)	2001	1986	1986	1986	1991	1993	1995	1991	1992	1992	1997	1990
MIN	8669	5000	4500	4016	3207	3100	4230	14810	25120	39550	34680	16950
(WY)	1997	1977	1977	1974	1974	1974	1974	1998	1978	1996	1996	1976

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1973 - 2001#

ANNUAL TOTAL	7799450	7795500	
ANNUAL MEAN	21310	21360	20030
HIGHEST ANNUAL MEAN			22690
LOWEST ANNUAL MEAN			16080
HIGHEST DAILY MEAN	70600	Aug 16	78000
LOWEST DAILY MEAN	a5200	Mar 7	b5600
ANNUAL SEVEN-DAY MINIMUM	5200	Mar 7	5600
INSTANTANEOUS PEAK FLOW			79000
INSTANTANEOUS PEAK STAGE		25.19	Aug 2
ANNUAL RUNOFF (AC-FT)	15470000	15460000	14510000
10 PERCENT EXCEEDS	49500	49300	50000
50 PERCENT EXCEEDS	12200	11500	10000
90 PERCENT EXCEEDS	5250	5800	5000

See Period of Record, partial years used in monthly statistics
a From Mar. 7 to Apr. 10
b From Mar. 25 to Apr. 8
c From Feb. 14 to Mar. 31, 1974
e Estimated

YUKON ALASKA

15493000 CHENA RIVER NEAR TWO RIVERS

LOCATION.--Lat 64°54'10", long 146°21'25", in NE¹/₄ sec. 20, T. 1 N., R. 7 E. (Big Delta D-5 quad), Fairbanks North Star Borough, Hydrologic Unit 19040506, on left bank about 200 ft upstream from bridge at mi 39.5 on the Chena Hot Springs Highway, 15 mi upstream from South Fork Chena River, 22 mi east of Two Rivers, and 41 mi east of Fairbanks.

DRAINAGE AREA.--937 mi².

PERIOD OF RECORD.--October 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 719.7 ft above sea level from datum used by Alaska Department of Transportation and Public Facilities. Prior to April 25, 1994, water stage recorder at site 2.5 mi downstream at datum of 700 ft.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Corps of Engineers meteor-burst and GOES satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 13, 1967 reached a stage of 26.6 ft at site and datum of gage in use prior to April 25, 1994, from floodmarks, discharge not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1780	e430	e290	e190	e160	e150	e120	e335	829	721	2020	1180
2	1670	e420	e280	e190	e160	e150	e120	e325	854	1020	1600	1130
3	1460	e410	e280	e190	e160	e150	e120	e320	898	1200	1400	1110
4	1410	e390	e280	e190	e160	e150	e120	e315	871	946	1640	1070
5	1510	e380	e280	e190	e160	e140	e120	e350	927	844	1680	1030
6	1560	e380	e270	e180	e160	e140	e120	e390	1010	1760	1480	1010
7	1460	e370	e270	e180	e160	e140	e120	e440	1110	2690	1290	979
8	1390	e360	e270	e180	e160	e140	e120	483	2260	1940	1150	962
9	1300	e350	e270	e180	e150	e140	e120	518	2240	1410	1050	961
10	1080	e380	e270	e180	e150	e140	e125	607	1360	1110	985	947
11	e900	e400	e260	e180	e150	e140	e125	675	1040	909	976	918
12	e880	e460	e260	e180	e150	e140	e130	687	906	795	1140	891
13	e970	e500	e260	e180	e150	e140	e135	699	843	715	1370	865
14	1140	e550	e250	e180	e150	e140	e140	802	792	758	1360	834
15	1100	e550	e250	e170	e150	e140	e145	1060	739	1050	1830	804
16	1030	e540	e250	e170	e150	e140	e150	1260	705	1020	2290	778
17	923	e530	e240	e170	e150	e140	e160	1280	625	824	3090	764
18	e760	e520	e230	e170	e150	e135	e175	1330	565	718	2700	745
19	e720	e500	e230	e170	e150	e135	e190	1410	527	645	2660	727
20	e680	e490	e220	e170	e150	e135	e200	1600	515	591	2380	712
21	e650	e480	e220	e170	e150	e130	e210	1780	491	555	2070	696
22	e620	e440	e220	e170	e150	e130	e230	2070	454	545	1820	682
23	e600	e420	e210	e170	e150	e125	e240	2390	426	608	1660	669
24	e580	e380	e210	e170	e150	e125	e255	2160	407	664	1690	660
25	e600	e340	e210	e170	e150	e120	e270	1830	385	662	1730	641
26	e680	e320	e200	e170	e150	e120	e285	1520	364	741	1640	626
27	e640	e320	e200	e160	e150	e120	e295	1380	352	788	1530	613
28	e580	e310	e200	e160	e150	e120	e310	1570	364	843	1430	597
29	e520	e300	e200	e160	---	e120	e325	1260	360	2460	1330	580
30	e460	e290	e200	e160	---	e120	e340	946	372	3640	1250	566
31	e450	---	e190	e160	---	e120	---	842	---	2680	1210	---
TOTAL	30103	12510	7470	5410	4280	4175	5515	32634	23591	35852	51451	24747
MEAN	971	417	241	175	153	135	184	1053	786	1157	1660	825
MAX	1780	550	290	190	160	150	340	2390	2260	3640	3090	1180
MIN	450	290	190	160	150	120	120	315	352	545	976	566
AC-FT	59710	24810	14820	10730	8490	8280	10940	64730	46790	71110	102100	49090
CFSM	1.04	.45	.26	.19	.16	.14	.20	1.12	.84	1.23	1.77	.88
IN.	1.20	.50	.30	.21	.17	.17	.22	1.30	.94	1.42	2.04	.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2001, BY WATER YEAR (WY)

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001						
MEAN	570	274	187	132	107	93.8	226	1845	1364	1027	1271	1134																												
MAX	1656	617	369	242	246	246	171	578	4210	4038	2505	3207	2702																											
(WY)	1987	1987	1994	1994	1994	1991	1989	1971	1992	1984	1969	1990																												
MIN	260	120	85.5	38.1	20.2	21.9	68.3	625	323	380	437	455																												
(WY)	1969	1969	1977	1970	1970	1970	1982	1998	1969	1976	1976	1976																												

	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1968 - 2001	
	Value	Date	Value	Date	Value	Date
ANNUAL TOTAL	330930		237738			
ANNUAL MEAN	904		651		689	
HIGHEST ANNUAL MEAN					1080	1971
LOWEST ANNUAL MEAN					398	1997
HIGHEST DAILY MEAN	9530	Aug 14	3640	Jul 30	17700	Jun 3 1992
LOWEST DAILY MEAN	a92	Mar 17	b120	Mar 25	c20	Feb 6 1970
ANNUAL SEVEN-DAY MINIMUM	92	Mar 17	120	Mar 25	20	Feb 6 1970
MAXIMUM PEAK FLOW			4430	Jul 30	20000	Jun 3 1992
MAXIMUM PEAK STAGE			18.29	Jul 30	d22.04	Jun 3 1992
ANNUAL RUNOFF (AC-FT)	656400		471600		499500	
ANNUAL RUNOFF (CFSM)	.96		.70		.74	
ANNUAL RUNOFF (INCHES)	13.14		9.44		10.00	
10 PERCENT EXCEEDS	2310		1510		1620	
50 PERCENT EXCEEDS	486		426		325	
90 PERCENT EXCEEDS	96		140		82	

a From Mar. 17 to Mar. 26
b From Mar. 25 to Apr. 9
c From Feb. 6 to Mar. 12, 1970
d At site and datum then in use
e Estimated

YUKON ALASKA

15511000 LITTLE CHENA RIVER NEAR FAIRBANKS

LOCATION.--Lat 64°53'10", long 147°14'50", in SW¹/₄ NE¹/₄ sec. 25, T. 1 N., R. 2 E. (Fairbanks D-1 quad), Fairbanks North Star Borough, Hydrologic Unit 19040506, on downstream side of left bridge abutment at mi 11.9 Chena Hot Springs Highway, 22.5 mi upstream from mouth, and 14 mi northeast of Fairbanks.

DRAINAGE AREA.--372 mi².

PERIOD OF RECORD.--August 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 458.79 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Corps of Engineers meteor-burst and NOAA telephone telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	486	e170	e120	e90	e80	e70	e50	e130	190	150	344	399
2	e440	e160	e120	e90	e80	e70	e50	e120	183	181	298	381
3	e410	e150	e120	e90	e80	e70	e50	e120	177	210	270	370
4	e380	e150	e120	e90	e80	e70	e50	e120	172	198	271	361
5	e360	e140	e120	e90	e80	e70	e50	e120	168	194	276	344
6	e370	e140	e120	e90	e80	e70	e50	e130	171	218	265	333
7	e380	e140	e120	e90	e75	e70	e50	e140	236	310	248	321
8	e380	e130	e120	e90	e75	e70	e50	e150	674	300	233	310
9	e370	e130	e110	e90	e75	e65	e50	e160	894	254	221	307
10	e340	e130	e110	e85	e75	e65	e50	e180	528	224	212	297
11	e310	e140	e110	e85	e75	e65	e50	e200	400	202	218	288
12	e300	e150	e110	e85	e75	e65	e55	e220	326	190	258	281
13	e310	e160	e110	e85	e75	e65	e55	232	314	175	349	272
14	e320	e160	e110	e85	e75	e65	e55	263	317	190	366	263
15	e320	e170	e110	e85	e75	e65	e55	290	274	241	539	255
16	e300	e170	e110	e85	e75	e65	e60	296	240	234	707	248
17	e290	e160	e110	e85	e75	e65	e60	289	215	203	851	243
18	e270	e160	e110	e85	e75	e65	e60	277	195	187	763	238
19	e260	e160	e110	e85	e75	e60	e65	277	181	175	752	232
20	e240	e150	e110	e85	e75	e60	e70	301	180	165	687	228
21	e230	e150	e100	e85	e75	e60	e75	309	178	159	606	225
22	e220	e150	e100	e85	e70	e60	e80	323	164	156	544	220
23	e210	e150	e100	e85	e70	e55	e85	350	154	155	503	217
24	e200	e140	e100	e85	e70	e55	e95	369	147	154	495	213
25	e200	e140	e95	e85	e70	e55	e110	384	140	150	507	207
26	e210	e140	e95	e85	e70	e55	e110	390	135	148	518	204
27	e220	e130	e95	e80	e70	e50	e120	328	131	150	482	199
28	e210	e130	e95	e80	e70	e50	e120	306	130	158	450	195
29	e200	e130	e95	e80	---	e50	e130	273	128	284	424	191
30	e190	e130	e90	e80	---	e50	e130	231	127	524	401	188
31	e180	---	e90	e80	---	e50	---	203	---	411	389	---
TOTAL	9106	4410	3335	2655	2095	1920	2140	7481	7469	6650	13447	8030
MEAN	294	147	108	85.6	74.8	61.9	71.3	241	249	215	434	268
MAX	486	170	120	90	80	70	130	390	894	524	851	399
MIN	180	130	90	80	70	50	50	120	127	148	212	188
AC-FT	18060	8750	6610	5270	4160	3810	4240	14840	14810	13190	26670	15930
CFSM	.79	.40	.29	.23	.20	.17	.19	.65	.67	.58	1.17	.72
IN.	.91	.44	.33	.27	.21	.19	.21	.75	.75	.67	1.34	.80

e Estimated

YUKON ALASKA

15511000 LITTLE CHENA RIVER NEAR FAIRBANKS--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2001, BY WATER YEAR (WY)#

MEAN	194	104	70.7	47.4	35.4	31.0	90.7	551	344	289	382	318
MAX	490	264	176	112	74.8	72.0	270	1217	932	665	2147	686
(WY)	1987	1994	1986	1987	2001	1993	1993	1991	1992	1981	1967	1985
MIN	69.8	32.0	22.5	7.90	6.00	3.23	19.1	147	99.2	85.0	124	107
(WY)	1967	1967	1978	1970	1970	1967	1970	1998	1998	1997	1997	1966

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1966 - 2001#	
ANNUAL TOTAL	94881		68738			
ANNUAL MEAN	259		188		207	
HIGHEST ANNUAL MEAN					414	
LOWEST ANNUAL MEAN					103	
HIGHEST DAILY MEAN	1430	May 25	894	Jun 9	12000	Aug 13 1967
LOWEST DAILY MEAN	a24	Mar 16	b50	Mar 27	c.00	Mar 11 1967
ANNUAL SEVEN-DAY MINIMUM	24	Mar 16	50	Mar 27	.00	Mar 11 1967
MAXIMUM PEAK FLOW			1110	Jun 9	d17000	Aug 13 1967
MAXIMUM PEAK STAGE			18.23	Jun 9	31.95	Aug 13 1967
MAXIMUM PEAK STAGE			f19.66	Oct 3		
ANNUAL RUNOFF (AC-FT)	188200		136300		149600	
ANNUAL RUNOFF (CFSM)	.70		.51		.56	
ANNUAL RUNOFF (INCHES)	9.49		6.87		7.54	
10 PERCENT EXCEEDS	639		369		466	
50 PERCENT EXCEEDS	174		150		120	
90 PERCENT EXCEEDS	25		65		25	

See Period of Record; partial years used in monthly statistics

a From Mar. 16-29

b From Mar. 27 to Apr. 11

c From Mar. 11 to Apr. 15, 1967

d From rating curve extended above 3,000 ft³/s on basis of contracted-opening determination of peak flow

e Estimated

f Backwater from ice

YUKON ALASKA

15514000 CHENA RIVER AT FAIRBANKS

LOCATION.--Lat 64°50'45", long 147°42'04", in NW¹/₄ sec. 11, T. 1 S., R. 1 W. (Fairbanks D-2 quad), Fairbanks North Star Borough, Hydrologic Unit 19040506, on right bank 100 ft downstream from Steese Highway Bridge, 800 ft upstream from Wendell Street bridge, 0.3 mi upstream from Noyes Slough, 11 mi upstream from mouth, and 11 mi downstream from Chena Slough.

DRAINAGE AREA.--1,995 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1947 to September 1948 (no winter records), October 1948 to current year.

GAGE.--Water-stage recorder and supplementary gage. Datum of gage is 422.92 ft above sea level. Supplementary gage, Chena River at Lathrop Street (15514003), 1.6 mi downstream on left bank, used during winter period. See WSP 1936 and 2136 for history of changes prior to April 27, 1968.

REMARKS.--Records are good except for estimated daily discharges, which are fair. Regulation during high-flow periods began July 9, 1981 at Moose Creek Dam 31.8 mi upstream. Flows were not regulated this year. GOES satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD--Outstanding floods occurred in early May 1905 and 1911, late August 1930, and May 11-14, 1937. See WDR AK-90-1 for more information.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3640	e920	e715	e490	e440	e390	e330	e960	1570	847	4080	2380
2	3300	e840	e710	e490	e440	e390	e330	975	1470	910	3560	2320
3	3070	e810	e705	e480	e440	e390	e330	920	1430	1200	3060	2250
4	2850	e780	e700	e480	e430	e390	e330	895	1420	1450	2740	2190
5	2760	e760	e700	e470	e430	e390	e330	900	1410	1470	2690	2150
6	2840	e730	e700	e470	e430	e390	e330	904	1400	1430	2770	2080
7	2870	e700	e700	e470	e430	e390	e330	934	1470	1600	2630	2020
8	2800	e680	e700	e470	e430	e390	e330	972	1670	2680	2410	1960
9	2650	e700	e700	e470	e430	e390	e340	988	2800	2650	2220	1910
10	2410	e780	e695	e460	e420	e390	e340	1050	3310	2280	2070	1890
11	2130	e880	e695	e460	e420	e390	e350	1150	2620	1970	1960	1860
12	1910	e940	e695	e460	e420	e390	e350	1230	2180	1740	1910	1820
13	1950	e1000	e695	e460	e410	e390	e360	1290	1930	1570	1990	1770
14	2030	e1040	e695	e450	e400	e390	e360	1350	1810	1450	2280	1720
15	2180	e1100	e680	e450	e400	e390	e370	1430	1700	1500	2430	1670
16	2160	e1100	e660	e450	e400	e390	e380	1540	1600	1610	2960	1620
17	1990	e1060	e640	e450	e400	e390	e390	1690	1500	1670	3580	1570
18	1780	e1040	e615	e450	e400	e390	e410	1750	1400	1530	4340	1530
19	1580	e1020	e600	e450	e390	e380	e420	1780	1320	1410	4280	1500
20	e1400	e1000	e590	e460	e390	e380	e430	1830	1240	1330	4220	1460
21	e1300	e980	e580	e460	e390	e370	e460	1960	1190	1250	3950	1430
22	e1250	e970	e580	e460	e390	e360	e500	2120	1150	1180	3610	1410
23	e1200	e940	e580	e460	e390	e360	e560	2350	1090	1150	3350	1380
24	e1150	e860	e570	e460	e390	e350	e620	2650	1040	1150	3130	1350
25	e1100	e840	e560	e460	e390	e350	e700	2760	992	1190	3040	1330
26	e1200	e820	e550	e460	e390	e350	e760	2620	953	1230	3040	1300
27	e1300	e760	e545	e450	e390	e340	e800	2380	928	1290	2970	1280
28	e1200	e740	e530	e450	e390	e340	e840	2150	894	1370	2850	1250
29	e1100	e720	e515	e450	---	e340	e900	2150	866	1460	2730	1230
30	e1000	e700	e510	e450	---	e330	e930	2020	851	2380	2590	1200
31	e960	---	e500	e450	---	e330	---	1750	---	4180	2460	---
TOTAL	61060	26210	19610	14300	11470	11600	14210	49448	45204	50127	91900	50830
MEAN	1970	874	633	461	410	374	474	1595	1507	1617	2965	1694
MAX	3640	1100	715	490	440	390	930	2760	3310	4180	4340	2380
MIN	960	680	500	450	390	330	330	895	851	847	1910	1200
MED	1950	850	660	460	400	390	375	1540	1420	1450	2850	1640
AC-FT	121100	51990	38900	28360	22750	23010	28190	98080	89660	99430	182300	100800
CFSM	.99	.44	.32	.23	.21	.19	.24	.80	.76	.81	1.49	.85
IN.	1.14	.49	.37	.27	.21	.22	.26	.92	.84	.93	1.71	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 2001, BY WATER YEAR (WY)

MEAN	1202	593	448	343	283	261	469	3635	2565	2029	2458	2158
MAX	2413	1231	922	595	509	445	1406	10250	6721	6133	13120	5735
(WY)	1962	1994	1994	1987	1968	1968	1993	1948	1949	1949	1967	1962
MIN	461	297	194	163	120	120	209	1050	816	665	682	615
(WY)	1967	1959	1977	1977	1953	1958	1977	1998	1969	1958	1957	1957

YUKON ALASKA

15514000 CHENA RIVER AT FAIRBANKS--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1948 - 2001#	
ANNUAL TOTAL	629589		445969			
ANNUAL MEAN	1720		1222		1387	
HIGHEST ANNUAL MEAN					5119	
LOWEST ANNUAL MEAN					713	
HIGHEST DAILY MEAN	8620	Aug 16	4340	Aug 18	64600	Aug 15 1967
LOWEST DAILY MEAN	a230	Mar 11	b330	Mar 30	c120	Feb 1 1953
ANNUAL SEVEN-DAY MINIMUM	230	Mar 11	330	Mar 30	120	Feb 1 1953
INSTANTANEOUS PEAK FLOW			4460		74400	
INSTANTANEOUS PEAK STAGE			4.80		d18.82	
ANNUAL RUNOFF (AC-FT)	1249000		884600		1005000	
ANNUAL RUNOFF (CFSM)	.86		.61		.70	
ANNUAL RUNOFF (INCHES)	11.74		8.32		9.45	
10 PERCENT EXCEEDS	4060		2640		3140	
50 PERCENT EXCEEDS	1100		953		725	
90 PERCENT EXCEEDS	250		390		240	

See Period of Record
a Mar. 11 to Mar.17
b Mar. 30 to Apr. 8
c Monthly means published for Feb. 1953 and Mar. 1958
d Site then in use
e Estimated

YUKON ALASKA

15514000 CHENA RIVER AT FAIRBANKS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948-58, 1962-72, 1974-76, 1983-84, and 2001.

PERIOD OF RECORD.--
SUSPENDED SEDIMENT DISCHARGE, 1962-71.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	STREAM WIDTH (FT) (00004)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, TYPE CODES (82398)	SAMPLER TYPE (CODE) (84164)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY											
11...	1630	205	--	1160	10	3007	1.5	1.5	18	56	81
25...	1220	--	6.46	2780	10	3007	3.5	--	174	1310	75

YUKON ALASKA

15515500 TANANA RIVER AT NENANA

LOCATION.--Lat 64°33'55", long 149°05'30", in SE¹/₄ sec. 14, T. 4 S., R. 8 W. (Fairbanks C-5 quad), Hydrologic Unit 19040507, on left bank on east end of Alaska Railroad dock in Nenana, and 0.3 mi upstream from Nenana River.

DRAINAGE AREA.--25,600 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1962 to current year.

REVISED RECORDS.--WSP 2136: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 338.50 ft above sea level. Prior to March 10, 1965, on right bank 280 ft downstream from railroad bridge 0.5 mi upstream at present datum. March 10, 1965 to March 23, 1968, nonrecording gage on railroad bridge 0.5 mi upstream at present datum.

REMARKS.--Records fair. GOES satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 1948 reached a stage of 15.9 ft, discharge, about 135,000 ft³/s, contained in reports of Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42700	e15000	e8800	e7800	e7700	e7600	e7400	e13500	27300	54800	93300	48100
2	40700	e14000	e8800	e7800	e7700	e7600	e7400	e13500	28000	55200	92900	46000
3	37900	e13000	e8800	e7800	e7700	e7600	e7400	e13500	29700	54800	90300	45000
4	35800	e12000	e8600	e7800	e7700	e7600	e7400	e13500	30100	54700	88100	48400
5	35000	e11000	e8600	e7800	e7700	e7600	e7400	e14000	31600	55000	86200	51800
6	34300	e11000	e8600	e7800	e7700	e7600	e7400	e15000	34500	55000	81600	49900
7	33900	e10500	e8600	e7800	e7700	e7600	e7400	e16000	38100	55600	77200	47700
8	33500	e10500	e8600	e7800	e7700	e7600	e7500	e16500	41100	56600	74000	44500
9	32800	e11000	e8400	e7800	e7700	e7600	e7500	e17500	43800	54900	72800	41600
10	31900	e11000	e8400	e7800	e7700	e7600	e7500	e18000	47400	52000	71300	39500
11	31200	e11500	e8400	e7800	e7700	e7600	e7500	e18500	47300	50800	69600	38000
12	29900	e11500	e8200	e7800	e7700	e7600	e7600	e19000	48400	49900	67700	36800
13	28500	e11500	e8200	e7800	e7700	e7600	e7800	e19500	47400	49200	65600	35600
14	e27000	e12000	e8200	e7800	e7600	e7600	e7900	20000	46900	48500	65100	34200
15	e26500	e12000	e8200	e7800	e7600	e7600	e8000	19600	46500	48400	66700	33000
16	e26500	e12500	e8200	e7800	e7600	e7600	e8200	20500	47700	49900	70100	32100
17	e26000	e12500	e8000	e7800	e7600	e7600	e8300	22000	49000	51000	73400	31000
18	e25000	e12000	e8000	e7700	e7600	e7600	e8400	23000	49400	52000	74600	30000
19	e24000	e12000	e8000	e7700	e7600	e7600	e8600	23800	50300	52800	73300	29100
20	e23000	e11500	e8000	e7700	e7600	e7500	e8800	25200	52100	55200	71100	28500
21	e22000	e11000	e8000	e7700	e7600	e7500	e9000	26900	53400	59700	69000	27800
22	e21000	e10500	e8000	e7700	e7600	e7500	e9400	28300	53600	64300	67700	27300
23	e20000	e10500	e8000	e7700	e7600	e7500	e9800	29300	54600	68200	69400	26900
24	e19000	e10000	e8000	e7700	e7600	e7500	e10000	30300	55700	68800	68100	26400
25	e19000	e9600	e8000	e7700	e7600	e7500	e10500	30900	55400	68400	62800	26000
26	e18500	e9400	e8000	e7700	e7600	e7400	e11000	30200	56100	70500	59600	25700
27	e18500	e9200	e8000	e7700	e7600	e7400	e11500	29000	56800	72600	56900	25300
28	e18000	e9000	e7800	e7700	e7600	e7400	e12000	28300	57200	76700	54100	24900
29	e18000	e9000	e7800	e7700	---	e7400	e12500	28500	55200	78100	51700	24300
30	e17000	e8800	e7800	e7700	---	e7400	e13000	28900	53200	81500	50600	23700
31	e16000	---	e7800	e7700	---	e7400	---	27800	---	88500	49400	---
TOTAL	833100	335000	254800	240400	214100	233800	264100	680500	1387800	1853600	2184200	1049100
MEAN	26870	11170	8219	7755	7646	7542	8803	21950	46260	59790	70460	34970
MAX	42700	15000	8800	7800	7700	7600	13000	30900	57200	88500	93300	51800
MIN	16000	8800	7800	7700	7600	7400	7400	13500	27300	48400	49400	23700
MED	26500	11000	8200	7800	7600	7600	8100	20500	48000	55000	69600	32600
AC-FT	1652000	664500	505400	476800	424700	463700	523800	1350000	2753000	3677000	4332000	2081000
CFSM	1.05	.44	.32	.30	.30	.29	.34	.86	1.81	2.34	2.75	1.37
IN.	1.21	.49	.37	.35	.31	.34	.38	.99	2.02	2.69	3.17	1.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2001, BY WATER YEAR (WY)#

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001																				
MEAN	16930	9261	7369	6744	6530	6463	8741	30790	47630	59950	56830	33500	26870	14070	10770	9065	8171	8161	15090	62210	87390	76770	98210	57690	2001	1986	1986	1986	1993	1995	1963	1962	1988	1967	1990	11420	5517	4532	4694	4421	4071	5870	16030	29750	44920	41510	21710	1977	1977	1977	1977	1974	1974	1974	1964	1970	1996	1996	1976	1976

e Estimated

YUKON ALASKA

15515500 TANANA RIVER AT NENANA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1962 - 2001#	
ANNUAL TOTAL	9725800		9530500			
ANNUAL MEAN	26570		26110		24120	
HIGHEST ANNUAL MEAN					29310	1967
LOWEST ANNUAL MEAN					19530	1970
HIGHEST DAILY MEAN	87800	Aug 16	93300	Aug 1	183000	Aug 18 1967
LOWEST DAILY MEAN	a6000	Mar 6	b7400	Mar 26	c4000	Mar 6 1974
ANNUAL SEVEN-DAY MINIMUM	6000	Mar 6	7400	Mar 26	4000	Mar 6 1974
INSTANTANEOUS PEAK FLOW			94200	Aug 1	186000	Aug 18 1967
INSTANTANEOUS PEAK STAGE			12.47	Aug 1	d18.90	Aug 18 1967
ANNUAL RUNOFF (AC-FT)	19290000		18900000		17480000	
ANNUAL RUNOFF (CFSM)	1.04		1.02		.94	
ANNUAL RUNOFF (INCHES)	14.13		13.85		12.80	
10 PERCENT EXCEEDS	58400		59600		59000	
50 PERCENT EXCEEDS	17000		13500		12000	
90 PERCENT EXCEEDS	6000		7600		6200	

See Period of Record, partial years used in monthly statistics

a From Mar. 6 to Apr. 11

b From Mar. 26 to Apr. 7

c From Mar. 6 to Mar. 20, 1974

d At site then in use

e Estimated

YUKON ALASKA

15515500 TANANA RIVER AT NENANA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1954-57, 1963-64, 1966-75, 1978-1995, and 2001.

PERIOD OF RECORD.--
WATER TEMPERATURE: 1954 to 1956 (seasonal).

WATER QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	QUALITY ASSUR- ANCE DATA INDICA- TOR CODE (99111)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPERA- TURE AIR (DEG C) (00020)	TEMP- ERATURE WATER (DEG C) (00010)
MAY															
31...	1845	624.0	217	7.8	10.0	758	10.2	91							
31...	1846	520.0	216	7.8	10.0	758	10.4	93							
31...	1847	450.0	216	7.8	10.0	758	10.3	92							
31...	1848	350.0	216	7.9	10.0	758	10.4	93							
31...	1849	230.0	217	7.8	10.0	758	10.3	92							
JUN															
22...	1529	131.0	240	7.8	17.0	764	8.8	91							
22...	1532	258.0	239	7.8	17.0	764	8.8	91							
22...	1534	356.0	239	7.8	17.0	764	8.8	91							
22...	1543	442.0	239	7.8	17.0	764	8.7	90							
22...	1545	541.0	239	7.8	17.0	764	8.7	90							
JUL															
09...	1523	663.0	224	8.0	12.5	759	10.2	96							
09...	1524	568.0	223	8.0	12.5	759	10.2	96							
09...	1526	463.0	225	8.0	12.5	759	10.3	97							
09...	1528	383.0	225	8.0	12.5	759	10.2	96							
09...	1530	283.0	225	8.0	12.5	759	10.2	96							
AUG															
02...	1718	120.0	207	7.7	13.5	--	10.2	--							
02...	1720	220.0	207	7.8	13.5	--	10.0	--							
02...	1722	300.0	207	7.8	13.5	--	10.0	--							
02...	1723	400.0	208	7.7	13.5	--	10.0	--							
02...	1724	540.0	208	7.7	13.5	--	9.9	--							
SEP															
13...	1654	100.0	257	7.5	8.5	752	10.9	95							
13...	1655	170.0	257	7.6	8.5	752	10.9	94							
13...	1656	205.0	257	7.6	8.5	752	10.9	94							
13...	1657	260.0	257	7.6	8.5	752	10.8	94							
13...	1659	365.0	257	7.6	8.5	752	10.8	94							

YUKON ALASKA

15515500 TANANA RIVER AT NENANA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TURBID- ITY (NTU) (00076)	TURBID- HACH 2100AN (NTU) (99872)	UV	UV	BARO-	OXY- GEN (MG/L) (00300)	OXY-	HARD- NESS (MG/L) CACO3) (00900)	CAL- CIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM DIS- SOLVED (MG/L) AS NA) (00930)	ANC	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	
			ABSOR- BANCE WTR FLT (UNITS/ CM) (50624)	ABSOR- BANCE 280 NM, (UNITS/ CM) (61726)	BARO- METRIC PRES- SURE (MM OF HG) (00025)		OXY- GEN DIS- CENT OLVED (MG/L) (00300)					GEN, DIS- OLVED (PER- CENT SATUR- ATION) (00301)		ANC WATER UNFL- TRD FET FIELD CACO3 (00410)
OCT 03...	57	98	--	--	762	13.3	91	120	34.4	8.38	3.9	83	1.40	
MAR 20...	4.5	3.7	.029	.021	775	9.6	65	150	45.8	9.28	4.0	120	2.28	
MAY 31...	--	89	.243	.182	758	10.3	92	100	30.2	6.87	3.3	77	1.64	
JUN 22...	--	640	.065	.047	764	8.8	91	110	31.4	7.72	3.3	74	2.12	
JUL 09...	--	550	.075	.054	759	10.2	96	100	28.8	7.04	3.4	66	1.78	
AUG 02...	--	730	.415	.104	758	10.0	96	94	27.4	6.22	2.9	67	1.89	
SEP 13...	--	67	.110	.080	752	10.9	94	120	35.6	8.68	3.8	91	1.68	
									SOL- IDS, RISI- DUE AT 180 DEG. C DIS- SOLVED (MG/L) AS SOLVED (70300)	SOL- IDS, SUM OF CON- STITU- ENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMO- NIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AMMO- NIA + ORGANIC TOTAL (MG/L) AS N) (00625)
OCT 03...	101	.0	83	38.1	1.5	.1	10.1	165	149	.001	.171	.010	.34	
MAR 20...	148	.0	121	33.2	1.3	E.1	14.4	192	184	.002	.162	.048	.14	
MAY 31...	93	.0	76	27.6	1.4	E.1	8.7	151	126	.001	.066	<.002	.43	
JUN 22...	90	.0	89	38.7	<.1	E.1	6.6	141	--	.001	.085	.003	.61	
JUL 09...	80	.0	65	36.3	1.8	E.1	6.5	142	125	.001	.075	.006	.43	
AUG 02...	83	.0	68	31.1	1.1	E.1	6.7	134	119	.002	.062	.002	.70	
SEP 13...	111	.0	91	42.8	1.8	E.1	9.5	176	159	E.002	E.089	E.010	E.30	

YUKON ALASKA

15515500 TANANA RIVER AT NENANA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO-GEN, AMMO-NIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS TOTAL (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	NITRO-GEN, TOTAL, SED-IMNT SUSP, (WEIGHT PERCNT)	PHOS-PHORUS SEDI-MENT SUSP. PER-CENT	ALUMI-NUM SED, SUS (PER-CENT)	ALUMI-NUM, DIS-SOLVED (UG/L AS AL)	ANTI-MONY SED, SUSP. (UG/G)	ANTI-MONY, DIS-SOLVED (UG/L AS SB)	ARSENIC SED, SUSP. (UG/G)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM SED. SUSP. (UG/G)
OCT 03...	.17	.509	E.005	.005	.03	.06	6.2	18	.8	.20	9.9	<2.0	710
MAR 20...	.10	.028	<.006	<.007	--	--	--	1	--	.16	--	.5	--
MAY 31...	.19	.331	.007	<.007	<.10	.06	6.4	19	1.2	.19	12	1.0	710
JUN 22...	<.10	1.15	E.005	<.007	<.10	.08	8.0	21	1.6	.35	19	1.1	950
JUL 09...	E.07	.695	E.003	<.007	<.10	.07	7.2	17	1.5	.28	14	.9	820
AUG 02...	.14	1.86	E.004	<.007	<.10	.08	7.4	20	1.7	.36	18	1.1	870
SEP 13...	E.12	E.512	E.003	<.007	<.10	.07	6.5	12	1.1	.22	12	.9	760

DATE	BAR-IUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/G)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	BORON DIS-SOLVED (UG/L AS B)	CAD-MIUM SED. SUSP. (UG/G)	CAD-MIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM SED. SUSP. (UG/G)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT SEDI-MENT SUSP. (UG/G)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER SED. SUSP. (UG/G)	COP-PER, DIS-SOLVED (UG/L AS CU)	IRON SEDI-MENT SUSP. PERCENT (30269)
OCT 03...	27.9	1	<.06	23	.3	E.03	87	<.8	14	.20	29	2.9	3.2
MAR 20...	47.3	--	<.06	20	--	E.02	--	<.8	--	.21	--	.8	--
MAY 31...	29.4	1	<.06	19	.2	E.02	89	E.5	15	.15	33	3.9	3.5
JUN 22...	34.8	2	<.06	25	.2	<.04	110	E.5	22	.08	55	1.7	4.6
JUL 09...	30.0	2	<.06	19	.3	E.03	90	<.8	19	.10	46	1.8	4.0
AUG 02...	31.4	2	<.06	15	.4	E.02	91	<.8	18	.12	42	2.8	4.1
SEP 13...	32.5	1	<.06	18	.3	E.02	88	<.8	15	.14	35	2.6	3.4

DATE	IRON DIS-SOLVED (UG/L AS FE)	LEAD SED. SUSP. (UG/G)	LEAD, DIS-SOLVED (UG/L AS PB)	LITH-IUM SEDI-MENT SUSP. (UG/G)	LITH-IUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE SED. SUSP. (UG/G)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MER-CURY SED, SUSP. (UG/G)	MOLYB-DENUM SED. SUSP. (UG/G)	MOLYB-DENUM, DIS-SOLVED (UG/LAS MO)	NICKEL SED. SUSP. (UG/G)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM SED. SUSP. (UG/G)
OCT 03...	80	10	E.06	18	E2.9	670	30.0	.02	<5	1.0	42	1.40	M
MAR 20...	40	--	<.08	--	2.8	--	86.0	--	--	1.1	--	.76	--
MAY 31...	130	14	.09	19	2.5	730	20.5	.03	3	.8	44	.40	M
JUN 22...	10	18	<.08	31	4.2	890	3.3	.09	2	1.1	54	.47	M
JUL 09...	M	15	.14	27	3.6	750	10	.06	2	1.0	49	.56	M
AUG 02...	20	15	E.06	23	3.4	760	14.5	.05	2	1.0	44	.67	M
SEP 13...	40	13	.11	20	3.5	700	25.4	.02	2	1.0	42	.19	M

YUKON ALASKA

15515500 TANANA RIVER AT NENANA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SELE- NIUM DIS- SOLVED (UG/L AS SE) (01145)	SILVER SED. SUSP. (UG/G) (29850)	SIL- VER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM SEDI- MENT (UG/G) (35040)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	THAL- LIUM SUS SED (UG/G) (49955)	TITA- NIUM SEDI- MENT SUSP. PERCENT (30317)	VANA- DIUM SED, SUSP. (UG/G) (29853)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC SED. SUSP. (UG/G) (29855)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URA- NIUM SEDI- MENT SUSP. (UG/G) (35046)	URA- NIUM NATU- RAL DIS- SOLVED (UG/L AS U) (22703)
OCT 03...	<2.4	<.500000	<1.0	240	157	<50	.390	100	<10.0	68	<1	<50	.72
MAR 20...	.7	--	<1.0	--	192	--	--	--	.6	--	<1	--	.69
MAY 31...	.4	<.500000	<1.0	230	137	<50	.390	100	.6	77	<1	<50	.64
JUN 22...	.5	<.500000	<1.0	210	144	<50	.460	140	.5	110	<1	<50	.89
JUL 09...	.4	<.500000	<1.0	220	132	<50	.430	110	.5	98	<1	<50	.77
AUG 02...	.4	<.500000	<1.0	240	120	<50	.440	130	.5	96	2	<50	.77
SEP 13...	.5	<.500000	<1.0	250	158	<50	.410	110	.6	79	1	<50	.80

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC PARTICU- LATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON SED, SUSP. PERCENT (30244)	CARBON, ORGANIC SUS- PENDE, TOTAL PERCENT (50465)	NITRO- GEN, PARTICU- LATE WAT FLT SUSP (MG/L AS N) (49570)	SEDI- MENT SUSP., FLOW- THROUGH (MG/L) (50279)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED SUSP. SIEVE DIEM. % FINER THAN .062 MM (70331)
OCT 03...	E5.6	--	--	--	.50	.4	.033	660	802	79300	24
MAR 20...	1 .1	<.1	.2	.3	--	--	<.022	--	16	326	--
MAY 31...	6.5	<.1	2.0	2.1	.70	.5	.242	429	484	35900	36
JUN 22...	1.9	1.1	4.2	5.3	.60	.5	.305	1390	1440	208000	74
JUL 09...	2.2	.8	4.7	5.5	.60	.4	.249	1470	1550	227000	65
AUG 02...	3.9	2.0	9.5	12	.30	.4	.694	2810	2890	771000	65
SEP 13...	E3.4	E.3	E2.0	E2.3	.60	.5	E.059	756	709	67400	--

YUKON ALASKA

15518020 HEALY CREEK AT SUNTRANA NEAR HEALY

LOCATION.--Lat 63°51'10", long 148°50'26", in SW¹/₄ sec. 24, T. 12 S., R. 7 W. (Healy D-4 quad), Hydrologic Unit 19040508, on right bank 0.8 mi upstream from Suntrana Creek, 3.8 miles upstream of mouth, and 5.8 miles east-southeast of Healy, Alaska.

DRAINAGE AREA.--approximately 110 mi².

PERIOD OF RECORD.-- September 1998 to current year (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 1500 ft above sea level, from topographic map.

EXTREMES FOR WATER YEAR 1998-- Maximum discharge for period September 1-30, 1998, 227 ft³/s September 21, gage height 18.81 ft; minimum not determined, occurs during the winter.

REMARKS.--Records poor. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	e200
2	---	---	---	---	---	---	---	---	---	---	---	e190
3	---	---	---	---	---	---	---	---	---	---	---	e180
4	---	---	---	---	---	---	---	---	---	---	---	174
5	---	---	---	---	---	---	---	---	---	---	---	171
6	---	---	---	---	---	---	---	---	---	---	---	171
7	---	---	---	---	---	---	---	---	---	---	---	172
8	---	---	---	---	---	---	---	---	---	---	---	167
9	---	---	---	---	---	---	---	---	---	---	---	163
10	---	---	---	---	---	---	---	---	---	---	---	160
11	---	---	---	---	---	---	---	---	---	---	---	156
12	---	---	---	---	---	---	---	---	---	---	---	156
13	---	---	---	---	---	---	---	---	---	---	---	166
14	---	---	---	---	---	---	---	---	---	---	---	178
15	---	---	---	---	---	---	---	---	---	---	---	174
16	---	---	---	---	---	---	---	---	---	---	---	173
17	---	---	---	---	---	---	---	---	---	---	---	186
18	---	---	---	---	---	---	---	---	---	---	---	189
19	---	---	---	---	---	---	---	---	---	---	---	180
20	---	---	---	---	---	---	---	---	---	---	---	186
21	---	---	---	---	---	---	---	---	---	---	---	190
22	---	---	---	---	---	---	---	---	---	---	---	174
23	---	---	---	---	---	---	---	---	---	---	---	170
24	---	---	---	---	---	---	---	---	---	---	---	172
25	---	---	---	---	---	---	---	---	---	---	---	171
26	---	---	---	---	---	---	---	---	---	---	---	170
27	---	---	---	---	---	---	---	---	---	---	---	166
28	---	---	---	---	---	---	---	---	---	---	---	161
29	---	---	---	---	---	---	---	---	---	---	---	155
30	---	---	---	---	---	---	---	---	---	---	---	150
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	5171
MEAN	---	---	---	---	---	---	---	---	---	---	---	172
MAX	---	---	---	---	---	---	---	---	---	---	---	200
MIN	---	---	---	---	---	---	---	---	---	---	---	150
AC-FT	---	---	---	---	---	---	---	---	---	---	---	10260

e Estimated

YUKON ALASKA

15518020 HEALY CREEK AT SUNTRANA NEAR HEALY--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	e110	e90	e70	e55	e50	e60	e75	180	133	146	143
2	140	e110	e90	e70	e55	e50	e60	e70	167	110	131	138
3	139	e105	e85	e70	e55	e50	e60	e65	166	111	114	218
4	141	e105	e85	e70	e55	e50	e60	e60	245	114	116	194
5	139	e105	e85	e70	e55	e50	e55	e55	232	130	102	177
6	140	e105	e85	e65	e55	e50	e55	e55	414	200	99	179
7	137	e100	e80	e65	e55	e50	e55	e60	589	152	87	169
8	127	e100	e80	e65	e55	e50	e55	e65	630	138	98	164
9	e125	e100	e80	e65	e55	e50	e55	e70	542	104	97	154
10	e125	e95	e80	e65	e55	e50	e55	e80	421	104	81	147
11	136	e95	e80	e65	e55	e50	e60	102	367	96	78	142
12	131	e90	e75	e65	e55	e50	e60	279	344	194	91	138
13	131	e90	e75	e65	e55	e50	e65	488	378	127	652	137
14	132	e90	e75	e65	e55	e50	e70	531	345	97	304	134
15	132	e85	e75	e65	e55	e50	e75	645	256	84	431	131
16	131	e85	e75	e60	e55	e55	e80	611	382	93	360	127
17	128	e90	e75	e60	e55	e55	e95	514	427	110	233	e126
18	128	e90	e75	e60	e55	e60	e110	440	264	97	193	e124
19	130	e95	e80	e60	e55	e60	e130	328	167	90	144	123
20	128	e95	e80	e60	e55	e65	e150	277	155	82	131	114
21	125	e95	e80	e60	e50	e65	e110	240	133	238	124	116
22	e120	e90	e80	e60	e50	e65	e85	231	160	388	122	115
23	e126	e90	e75	e60	e50	e65	e65	274	140	312	117	128
24	136	e90	e75	e60	e50	e65	e70	285	137	563	302	122
25	131	e85	e75	e60	e50	e65	e75	403	120	849	355	118
26	118	e85	e75	e60	e50	e65	e80	548	162	407	244	113
27	e110	e85	e75	e60	e50	e65	e85	227	162	285	200	e110
28	e110	e85	e75	e60	e50	e60	e90	159	131	425	174	109
29	e105	e85	e70	e60	---	e60	e95	105	142	253	159	91
30	e105	e90	e70	e60	---	e60	e85	100	194	254	147	e105
31	e105	---	e70	e55	---	e60	---	160	---	150	144	---
TOTAL	3955	2820	2425	1955	1500	1740	2305	7602	8152	6490	5776	4106
MEAN	128	94.0	78.2	63.1	53.6	56.1	76.8	245	272	209	186	137
MAX	144	110	90	70	55	65	150	645	630	849	652	218
MIN	105	85	70	55	50	50	55	55	120	82	78	91
AC-FT	7840	5590	4810	3880	2980	3450	4570	15080	16170	12870	11460	8140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)#

	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
MEAN	128	94.0	78.2	63.1	53.6	56.1	76.8	245	272	209	186	155
MAX	128	94.0	78.2	63.1	53.6	56.1	76.8	245	272	209	186	172
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998
MIN	128	94.0	78.2	63.1	53.6	56.1	76.8	245	272	209	186	137
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999#	
ANNUAL TOTAL	48826			
ANNUAL MEAN	134		134	
HIGHEST ANNUAL MEAN			134	
LOWEST ANNUAL MEAN			134	
HIGHEST DAILY MEAN	849	Jul 25	849	Jul 25 1999
LOWEST DAILY MEAN	a50	Feb 21	50	Feb 21 1999
ANNUAL SEVEN-DAY MINIMUM	50	Feb 21	50	Feb 21 1999
MAXIMUM PEAK FLOW	1210	Aug 13	1210	Aug 13 1999
MAXIMUM PEAK STAGE	21.69	Aug 13	21.69	Aug 13 1999
MAXIMUM PEAK STAGE	b22.13	Dec 16	b22.13	Dec 16 1998
ANNUAL RUNOFF (AC-FT)	96850		96910	
10 PERCENT EXCEEDS	275		255	
50 PERCENT EXCEEDS	95		102	
90 PERCENT EXCEEDS	55		55	

See period of record, partial years used in monthly statistics
a From Feb. 21 to Mar. 15
b Backwater from ice
e Estimated

YUKON ALASKA

15518020 HEALY CREEK AT SUNTRANA NEAR HEALY--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	e65	e65	e60	e60	e65	e70	e95	e270	192	121	e550
2	119	e65	e60	e60	e60	e65	e70	102	e360	204	115	e480
3	121	e65	e60	e60	e60	e65	e70	100	e500	249	117	e420
4	114	e65	e60	e55	e60	e65	e70	88	e700	207	122	e380
5	e111	e65	e60	e55	e60	e65	e70	68	e1000	230	119	e340
6	108	e65	e60	e55	e60	e65	e70	79	e850	217	143	e400
7	e104	e65	e60	e55	e60	e65	e70	107	e600	200	148	e420
8	e104	e65	e60	e55	e60	e65	e70	116	e400	188	183	e460
9	e100	e65	e60	e55	e60	e65	e70	90	e500	183	245	e420
10	90	e65	e60	e55	e60	e65	e70	75	e600	266	215	e380
11	e85	e65	e60	e55	e60	e65	e70	e65	e700	498	686	e360
12	e85	e65	e60	e55	e60	e65	e70	e60	e500	402	e2500	e340
13	e80	e65	e60	e55	e60	e65	e70	e65	e440	241	e1500	e330
14	e80	e70	e60	e55	e60	e65	e70	e80	e400	196	e900	e320
15	e80	e70	e60	e55	e60	e65	e70	e95	329	191	e700	e300
16	e80	e70	e60	e55	e60	e65	e70	122	257	165	e500	e270
17	e75	e70	e60	e60	e60	e65	e70	145	244	151	e440	e250
18	e75	e70	e60	e60	e60	e65	e70	188	266	135	560	e240
19	e75	e75	e60	e60	e60	e65	e70	191	270	128	530	e240
20	e75	e75	e65	e60	e60	e65	e75	160	218	125	415	e260
21	e75	e75	e65	e65	e60	e65	e75	116	207	124	395	e300
22	e70	e75	e65	e65	e60	e65	e75	e130	339	121	442	e360
23	e70	e70	e65	e65	e60	e65	e75	e150	307	119	395	e350
24	e70	e70	e65	e65	e60	e65	e80	e130	318	119	384	e340
25	e70	e70	e65	e65	e60	e65	e80	e110	308	125	450	e320
26	e70	e70	e65	e65	e60	e65	e80	e100	259	120	435	e310
27	e70	e65	e65	e65	e65	e65	e80	e110	265	129	418	278
28	e70	e65	e65	e65	e65	e65	e85	e120	227	168	457	311
29	e65	e65	e65	e65	e65	e65	e85	e130	219	237	627	286
30	e65	e65	e65	e65	---	e70	e90	e150	213	149	e1100	274
31	e65	---	e60	e60	---	e70	---	e170	---	131	e700	---
TOTAL	2643	2035	1920	1845	1755	2025	2210	3507	12066	5910	16062	10289
MEAN	85.3	67.8	61.9	59.5	60.5	65.3	73.7	113	402	191	518	343
MAX	122	75	65	65	65	70	90	191	1000	498	2500	550
MIN	65	65	60	55	60	65	70	60	207	119	115	240
AC-FT	5240	4040	3810	3660	3480	4020	4380	6960	23930	11720	31860	20410

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)#

	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
MEAN	106	80.9	70.1	61.3	57.1	60.7	75.2	179	337	200	352	217
MAX	128	94.0	78.2	63.1	60.5	65.3	76.8	245	402	209	518	343
(WY)	1999	1999	1999	1999	2000	2000	1999	1999	2000	1999	2000	2000
MIN	85.3	67.8	61.9	59.5	53.6	56.1	73.7	113	272	191	186	137
(WY)	2000	2000	2000	2000	1999	1999	2000	2000	1999	2000	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000#	
ANNUAL TOTAL	46224		62267			
ANNUAL MEAN	127		170		152	
HIGHEST ANNUAL MEAN					170	
LOWEST ANNUAL MEAN					134	
HIGHEST DAILY MEAN	849		Jul 25	e2500	Aug 12	2000
LOWEST DAILY MEAN	a50		Feb 21	b55	Jan 4	1999
ANNUAL SEVEN-DAY MINIMUM	50		Feb 21	55	Jan 4	1999
MAXIMUM PEAK FLOW			c5500		Aug 12	2000
MAXIMUM PEAK STAGE			28.48		Aug 12	2000
ANNUAL RUNOFF (AC-FT)	91690		123500		110100	
10 PERCENT EXCEEDS	275		401		343	
50 PERCENT EXCEEDS	75		75		90	
90 PERCENT EXCEEDS	55		60		60	

See period of record, partial years used in monthly statistics
a From Feb. 21 to Mar. 15
b From Jan. 4 to Jan. 16
c From rating curve extended above 450 ft³/s on basis of slope-area measurement of peak flow
e Estimated

YUKON ALASKA

15518020 HEALY CREEK AT SUNTRANA NEAR HEALY--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	265	e170	e120	e100	e95	e95	e75	e200	309	161	517	150
2	265	e170	e120	e100	e95	e95	e75	e190	463	170	372	162
3	247	e170	e120	e100	e95	e95	e75	e180	588	162	487	597
4	258	e170	e110	e100	e95	e95	e75	e160	706	172	523	355
5	261	e160	e110	e100	e95	e95	e75	e150	698	176	325	306
6	257	e160	e110	e100	e95	e95	e75	e160	764	369	377	310
7	253	e160	e110	e100	e95	e95	e75	e170	417	466	308	273
8	257	e160	e110	e100	e95	e95	e75	e200	194	298	256	265
9	244	e160	e110	e100	e95	e95	e75	e230	238	219	262	263
10	241	e160	e110	e100	e95	e95	e75	e230	279	173	261	239
11	236	e160	e110	e100	e95	e95	e80	e220	305	176	289	228
12	230	e160	e105	e100	e95	e95	e80	e200	488	143	276	219
13	248	e150	e105	e100	e95	e95	e80	e220	306	134	259	214
14	256	e150	e105	e100	e95	e95	e80	e260	233	143	237	206
15	252	e150	e105	e100	e95	e90	e80	e320	219	138	230	201
16	239	e150	e105	e100	e95	e90	e80	e250	267	142	259	198
17	235	e150	e105	e100	e95	e85	e80	e170	325	144	240	196
18	225	e140	e105	e100	e95	e85	e80	179	365	158	208	199
19	224	e140	e105	e100	e95	e80	e80	235	334	151	202	190
20	210	e140	e105	e100	e95	e80	e85	301	296	147	208	186
21	201	e140	e105	e100	e95	e75	e90	304	294	140	229	184
22	e200	e140	e105	e100	e95	e75	e100	276	278	135	281	182
23	e195	e130	e105	e100	e95	e75	e110	277	314	150	321	175
24	e190	e130	e105	e100	e95	e75	e120	223	252	205	371	172
25	e200	e130	e105	e100	e95	e75	e130	182	230	345	264	170
26	189	e130	e105	e95	e95	e75	e140	176	194	456	192	167
27	173	e120	e105	e95	e95	e75	e150	231	164	635	212	164
28	e180	e120	e105	e95	e95	e75	e160	298	166	443	188	162
29	e180	e120	e100	e95	---	e75	e180	233	220	620	180	158
30	e180	e120	e100	e95	---	e75	e190	212	232	1000	178	146
31	e170	---	e100	e95	---	e75	---	201	---	806	157	---
TOTAL	6961	4410	3325	3070	2660	2665	2925	6838	10138	8777	8669	6637
MEAN	225	147	107	99.0	95.0	86.0	97.5	221	338	283	280	221
MAX	265	170	120	100	95	95	190	320	764	1000	523	597
MIN	170	120	100	95	95	75	75	150	164	134	157	146
AC-FT	13810	8750	6600	6090	5280	5290	5800	13560	20110	17410	17190	13160

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)#

MEAN	146	103	82.5	73.9	69.6	69.1	82.7	193	337	228	328	218
MAX	225	147	107	99.0	95.0	86.0	97.5	245	402	283	518	343
(WY)	2001	2001	2001	2001	2001	2001	2001	1999	2000	2001	2000	2000
MIN	85.3	67.8	61.9	59.5	53.6	56.1	73.7	113	272	191	186	137
(WY)	2000	2000	2000	2000	1999	1999	2000	2000	1999	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1998 - 2001#
ANNUAL TOTAL	70365	67075	
ANNUAL MEAN	192	184	163
HIGHEST ANNUAL MEAN			184
LOWEST ANNUAL MEAN			134
HIGHEST DAILY MEAN	2500	1000	2500
LOWEST DAILY MEAN	a55	b75	c50
ANNUAL SEVEN-DAY MINIMUM	55	75	50
MAXIMUM PEAK FLOW		1160	d5500
MAXIMUM PEAK STAGE		21.56	28.48
ANNUAL RUNOFF (AC-FT)	139600	133000	117800
10 PERCENT EXCEEDS	401	305	320
50 PERCENT EXCEEDS	121	158	106
90 PERCENT EXCEEDS	60	90	60

See period of record, partial years used in monthly statistics
a From Jan. 4 to Jan. 16
b From Mar. 21 to Apr. 10
c From Feb. 21 to Mar. 15, 1999
d From rating curve extended above 450 ft³/s on basis of slope-area measurement of peak flow
e Estimated

YUKON ALASKA

15518020 HEALY CREEK AT SUNTRANA NEAR HEALY--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975 to 1978, 1998 to current year

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	STREAM WIDTH (FT) (00004)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY											
17...	1620	68.0	18.84	162	10	3001	4.5	12.5	646	283	46
JUN											
28...	1354	41.0	19.03	146	10	3001	11.5	16.5	93	37	33
AUG											
30...	1554	73.0	19.02	173	10	3001	9.5	17.5	34	16	--

YUKON ALASKA

15518080 LIGNITE CREEK ABOVE MOUTH NEAR HEALY

LOCATION.--Lat 63°54'17", long 148°59'01", in SE¹/₄ NE¹/₄ sec. 6, T. 11 S., R. 7 W. (Healy D-4 quad), Hydrologic Unit 19040508, on right bank 300 ft downstream from culverts on access road to Usibelli Coal Mine office, 1,000 ft upstream from mouth, and 3.5 mi north of Healy.

DRAINAGE AREA.--48.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,300 ft above sea level, from topographic map. Prior to May 22, 1987 on left bank, 400 ft upstream at same datum. From May 22, 1987 to September 30, 1997 on left bank, 300 ft upstream at same datum.

REMARKS.--Records fair except for estimated daily discharges which are poor. Precipitation gage at station; daily values of precipitation are available from the computer files of the Alaska District. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	e28	e21	e16	e15	e14	e11	e46	37	21	121	28
2	e26	e27	e20	e16	e15	e14	e11	e42	40	21	69	29
3	e31	e27	e20	e16	e15	e14	e11	e36	39	21	87	50
4	e36	e27	e20	e16	e15	e14	e11	e40	40	21	118	36
5	e35	e27	e20	e16	e15	e14	e11	76	38	23	69	34
6	e32	e27	e19	e16	e15	e14	e11	60	35	45	56	36
7	e30	e27	e19	e16	e15	e14	e11	53	36	64	48	33
8	e29	e27	e19	e16	e15	e14	e11	62	34	50	44	38
9	e28	e26	e19	e16	e15	e14	e11	78	31	33	41	34
10	e27	e26	e19	e16	e15	e14	e12	75	33	26	39	30
11	e26	e26	e19	e16	e15	e14	e12	54	32	23	46	30
12	e26	e26	e18	e16	e15	e14	e12	56	49	21	56	29
13	e27	e26	e18	e16	e15	e14	e12	77	41	21	47	28
14	e28	e26	e18	e16	e15	e14	e12	110	34	22	41	28
15	e30	e26	e18	e16	e15	e14	e12	98	31	20	39	26
16	e34	e26	e18	e16	e15	e14	e12	82	29	19	42	26
17	e36	e26	e18	e16	e15	e13	e12	44	28	23	44	26
18	e35	e26	e18	e16	e15	e13	e13	49	27	28	43	24
19	e34	e25	e17	e16	e15	e12	e14	88	27	22	39	24
20	e32	e25	e17	e16	e15	e12	e15	89	26	20	40	24
21	e31	e24	e17	e16	e15	e12	e16	70	24	20	44	24
22	e30	e24	e17	e16	e14	e11	e17	64	23	22	41	24
23	e30	e23	e17	e16	e14	e11	e19	67	22	22	46	23
24	e29	e23	e17	e16	e14	e11	e20	53	21	50	47	23
25	e29	e22	e17	e16	e14	e11	e22	42	21	52	39	23
26	e29	e22	e17	e16	e14	e11	e24	38	21	92	38	23
27	e29	e22	e17	e15	e14	e11	e27	42	21	144	36	23
28	e29	e21	e17	e15	e14	e11	e32	43	21	93	33	23
29	e28	e21	e16	e15	---	e11	e38	38	21	92	31	22
30	e28	e21	e16	e15	---	e11	e48	35	23	161	31	23
31	e28	---	e16	e15	---	e11	---	34	---	191	28	---
TOTAL	926	750	559	491	413	396	500	1841	905	1483	1543	844
MEAN	29.9	25.0	18.0	15.8	14.8	12.8	16.7	59.4	30.2	47.8	49.8	28.1
MAX	36	28	21	16	15	14	48	110	49	191	121	50
MIN	24	21	16	15	14	11	11	34	21	19	28	22
MED	29	26	18	16	15	14	12	54	30	23	43	26
AC-FT	1840	1490	1110	974	819	785	992	3650	1800	2940	3060	1670
CFSM	.62	.52	.37	.33	.31	.27	.35	1.23	.63	.99	1.03	.58
IN.	.72	.58	.43	.38	.32	.31	.39	1.42	.70	1.15	1.19	.65

e Estimated

YUKON ALASKA

15518080 LIGNITE CREEK ABOVE MOUTH NEAR HEALY--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)#

MEAN	22.8	16.0	12.2	9.99	8.43	8.47	23.3	77.1	64.1	44.4	50.2	42.5
MAX	47.4	25.4	20.0	18.7	20.6	19.1	45.5	166	145	77.0	112	134
(WY)	1994	1994	1987	1995	1994	1994	1994	1992	1989	1986	2000	1990
MIN	10.3	4.87	1.65	.95	.000	.000	.000	40.1	30.2	25.6	22.7	17.6
(WY)	1988	1988	1988	1986	1986	1986	1986	1999	2001	1996	1999	1987

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1985 - 2001#	
ANNUAL TOTAL	14423.0		10651			
ANNUAL MEAN	39.4		29.2		31.3	
HIGHEST ANNUAL MEAN					43.6	
LOWEST ANNUAL MEAN					21.1	
HIGHEST DAILY MEAN	700	Aug 12	191	Jul 31	852	Jun 25 1989
LOWEST DAILY MEAN	a7.0	Jan 12	b11	Mar 22	c.00	Feb 1 1986
ANNUAL SEVEN-DAY MINIMUM	7.2	Jan 9	11	Mar 22	.00	Feb 1 1986
MAXIMUM PEAK FLOW			236		d2400	
MAXIMUM PEAK STAGE			3.48		f11.05	
MAXIMUM PEAK STAGE			g5.44		Apr 20	
ANNUAL RUNOFF (AC-FT)	28610		21130		22670	
ANNUAL RUNOFF (CFSM)	.82		.61		.65	
ANNUAL RUNOFF (INCHES)	11.15		8.24		8.84	
10 PERCENT EXCEEDS	96		49		68	
50 PERCENT EXCEEDS	25		23		20	
90 PERCENT EXCEEDS	8.0		14		5.0	

See Period of Record, partial years used in monthly statistics

a From Jan. 12 to 15

b From Mar. 22 to Apr. 9

c From Feb. 1 to Apr. 30, 1986

d Estimated discharge from rating curve extended above 280 ft³/s based on surface-float measurement at gage

e Estimated

f At site then in use, same datum

g Backwater from snow and ice

YUKON ALASKA

15518080 LIGNITE CREEK ABOVE MOUTH NEAR HEALY--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to 1981, 1986 to current year

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	STREAM WIDTH (FT) (00004)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)	TEMPER-	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED.	SED.	SED.	SED.
							ATURE WATER (DEG C) (00010)			SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SUSP. FALL DIAM. % FINER THAN .016 MM (70340)
MAY													
16...	1903	32.0	3.24	93	10	3001	1.5	5430	1360	17	24	34	43
JUN													
28...	2050	22.6	2.30	20	10	3001	17.5	106	5.8	--	--	--	--
JUL													
27...	1157	45.0	3.32	150	10	3001	9.0	6660	2700	12	18	26	34
AUG													
30...	1939	12.4	2.81	29	10	3001	21.0	53	4.2	--	--	--	--
DATE		SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN 2.00 MM (70336)					
MAY													
16...		50	54	67	87	98	99	100					
JUN													
28...		--	69	--	--	--	--	--					
JUL													
27...		40	42	55	75	91	97	98					
AUG													
30...		--	--	--	--	--	--	--					

YUKON ALASKA

15564879 SLATE CREEK AT COLDFOOT

LOCATION.--Lat 67°15'17", long 150°10'24", in NW¹/₄ sec. 15, T. 28 N., R. 12 W. (Wiseman B-1 quad), Hydrologic Unit 19040601, on left bank 80 ft downstream from bridge on Dalton Highway, 1.1 mi upstream from mouth and 0.1 mi north of Coldfoot.

DRAINAGE AREA.--73.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Annual maximums, water years 1981-94. May 1995 to current year (no winter records in water years 1995-98).

REVISED RECORDS.--WRD AK-99-1: 1984(M), 1989(M), 1993(M), 1994(M), 1998 (M).

GAGE.--Water-stage recorder. Elevation of gage is 1050 ft above sea level, from topographic map. Prior to May 5, 1995, nonrecording gage at site 145 ft upstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e78	e16	e4.0	e.40	e.00	e.00	e.00	e.00	478	79	68	109
2	e74	e15	e3.8	e.40	e.00	e.00	e.00	e.00	599	71	68	102
3	e68	e15	e3.4	e.40	e.00	e.00	e.00	e.00	791	67	68	95
4	e64	e14	e3.2	e.40	e.00	e.00	e.00	e.00	797	65	65	92
5	e58	e14	e3.0	e.40	e.00	e.00	e.00	e.00	574	62	63	96
6	e56	e14	e2.8	e.40	e.00	e.00	e.00	e.20	738	62	61	95
7	e52	e13	e2.6	e.20	e.00	e.00	e.00	e.40	694	58	59	95
8	e48	e13	e2.4	e.20	e.00	e.00	e.00	e.80	526	54	57	94
9	e46	e12	e2.2	e.20	e.00	e.00	e.00	e1.0	487	51	61	94
10	e43	e12	e2.0	e.20	e.00	e.00	e.00	e1.5	559	51	104	93
11	e40	e12	e2.0	e.20	e.00	e.00	e.00	e2.0	409	51	155	91
12	e38	e11	e1.8	e.20	e.00	e.00	e.00	e3.0	293	60	191	90
13	e37	e11	e1.6	e.00	e.00	e.00	e.00	e4.0	257	61	347	88
14	e36	e11	e1.6	e.00	e.00	e.00	e.00	e6.0	224	68	1500	88
15	e35	e11	e1.4	e.00	e.00	e.00	e.00	e8.0	167	67	1300	99
16	e34	e10	e1.4	e.00	e.00	e.00	e.00	e12	152	60	780	121
17	e34	e10	e1.2	e.00	e.00	e.00	e.00	e16	156	63	463	117
18	e33	e10	e1.2	e.00	e.00	e.00	e.00	e24	158	67	277	113
19	e32	e9.8	e1.0	e.00	e.00	e.00	e.00	e40	154	61	222	106
20	e31	e9.0	e1.0	e.00	e.00	e.00	e.00	e60	128	67	195	102
21	e30	e8.6	e1.0	e.00	e.00	e.00	e.00	e85	116	87	176	99
22	e28	e7.8	e.80	e.00	e.00	e.00	e.00	e110	108	81	146	99
23	e26	e7.4	e.80	e.00	e.00	e.00	e.00	e140	102	71	128	96
24	e25	e6.6	e.80	e.00	e.00	e.00	e.00	e160	96	65	121	93
25	e24	e6.2	e.80	e.00	e.00	e.00	e.00	e190	91	61	115	89
26	e23	e5.8	e.60	e.00	e.00	e.00	e.00	e210	89	58	112	85
27	e21	e5.4	e.60	e.00	e.00	e.00	e.00	e240	81	54	107	84
28	e20	e5.0	e.60	e.00	e.00	e.00	e.00	e280	73	57	102	80
29	e19	e4.6	e.60	e.00	---	e.00	e.00	362	77	72	98	77
30	e18	e4.4	e.60	e.00	---	e.00	e.00	402	73	77	94	76
31	e17	---	e.60	e.00	---	e.00	---	403	---	72	93	---
TOTAL	1188	304.6	51.40	3.60	0.00	0.00	0.00	2760.90	9247	2000	7396	2858
MEAN	38.3	10.2	1.66	.12	.000	.000	.000	89.1	308	64.5	239	95.3
MAX	78	16	4.0	.40	.00	.00	.00	403	797	87	1500	121
MIN	17	4.4	.60	.00	.00	.00	.00	.00	73	51	57	76
AC-FT	2360	604	102	7.1	.00	.00	.00	5480	18340	3970	14670	5670
CFSM	.52	.14	.02	.00	.00	.00	.00	1.21	4.20	.88	3.25	1.30
IN.	.60	.15	.03	.00	.00	.00	.00	1.40	4.69	1.01	3.75	1.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)#

	1995	1996	1997	1998	1999	2000	2001
MEAN	45.5	16.1	9.27	5.42	3.83	3.08	4.34
MAX	88.5	30.0	17.3	12.1	9.07	7.13	9.32
(WY)	1999	1999	1999	1999	1999	1998	1998
MIN	16.2	2.28	1.66	.12	.000	.000	71.7
(WY)	1997	1998	2001	2001	2001	2001	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1995 - 2001#
ANNUAL TOTAL	23241.80	25809.50	
ANNUAL MEAN	63.5	70.7	73.5
HIGHEST ANNUAL MEAN			84.0
LOWEST ANNUAL MEAN			65.9
HIGHEST DAILY MEAN	802 Jun 7	1500 Aug 14	a2850 May 26 1998
LOWEST DAILY MEAN	b.60 Dec 26	c.00 Jan 13	c.00 Jan 13 2001
ANNUAL SEVEN-DAY MINIMUM	.63 Dec 25	.00 Jan 13	.00 Jan 13 2001
MAXIMUM PEAK FLOW		2510 Aug 14	d4930 May 26 1998
MAXIMUM PEAK STAGE		18.01 Aug 14	19.73 May 26 1998
ANNUAL RUNOFF (AC-FT)	46100	51190	53280
ANNUAL RUNOFF (CFSM)	.87	.96	1.00
ANNUAL RUNOFF (INCHES)	11.78	13.08	13.61
10 PERCENT EXCEEDS	138	154	249
50 PERCENT EXCEEDS	10	11	66
90 PERCENT EXCEEDS	2.0	.00	2.0

See Period of Record; partial years used in monthly summary statistics
a Revised in 1999 from 2740 ft³/s
b From Dec. 26 to 31
c From Jan. 13 to May 5
d From rating curve extended above 2,190 ft³/s on basis of slope-area measurement at discharge 4,700 ft³/s, gage height 19.6 ft
e Estimated

YUKON ALASKA

15564879 SLATE CREEK AT COLDFOOT--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1998 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 1998 to current year (seasonal).

INSTRUMENTATION.--Water-temperature recorder since May 11, 1998. Electronic water temperature recorder set for 1-hour recording interval.

REMARKS.--No record October 1 to May 27 due to probe frozen in ice. Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on June 21 and August 22. No variation was found within the cross section on both dates. The variation found between mean stream temperature and sensor temperature was less than 0.5°C.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 14.5°C, July 5 and 21, 1998; minimum, 0.0°C, on many days during spring break up and winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 14.0°C, July 23; minimum, 0.0°C, several days in May and June.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	STREAM WIDTH (FT) (00004)	SAMPLE LOC- ATION, CROSS SECTION		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)
			(FT FM L BANK) (00009)	GAGE HEIGHT (FEET) (00065)			
JUN							
21...	1437	54.0	16.0	14.14	118	9.5	22.0
21...	1439	54.0	24.0	14.14	118	9.5	22.0
21...	1441	54.0	32.0	14.14	118	9.5	22.0
21...	1443	54.0	40.0	14.14	118	9.5	22.0
21...	1445	54.0	48.0	14.14	118	9.5	22.0
AUG							
22...	2012	60.0	6.00	14.10	146	9.0	14.0
22...	2013	60.0	16.0	14.10	146	9.0	14.0
22...	2014	60.0	26.0	14.10	146	9.0	14.0
22...	2015	60.0	36.0	14.10	146	9.0	14.0
22...	2016	60.0	46.0	14.10	146	9.0	14.0
22...	2017	60.0	56.0	14.10	146	9.0	14.0

YUKON ALASKA

15564879 SLATE CREEK AT COLDFOOT--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	.0	---
28	---	---	---	---	---	---	---	---	---	2.0	.0	.5
29	---	---	---	---	---	---	---	---	---	2.0	.0	1.0
30	---	---	---	---	---	---	---	---	---	2.0	.0	.5
31	---	---	---	---	---	---	---	---	---	1.5	.0	.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.0	.0	1.0	12.5	6.5	9.5	10.0	6.0	8.0	9.5	7.0	8.0
2	2.0	.0	1.0	12.5	7.0	10.0	9.0	7.0	8.0	9.5	5.0	7.5
3	2.5	.0	1.0	13.0	6.5	10.0	10.0	6.0	8.0	9.5	6.0	7.5
4	1.5	.5	1.0	11.0	7.0	9.0	10.5	5.0	7.5	8.0	6.5	7.0
5	3.5	.5	2.0	9.0	7.0	8.0	9.5	7.0	8.0	8.0	6.5	7.0
6	3.5	1.0	2.5	9.0	6.0	7.5	8.5	6.5	7.5	7.5	5.5	6.5
7	6.0	1.5	3.5	8.5	6.0	7.0	8.0	7.0	7.5	8.0	5.0	6.5
8	5.0	1.5	3.5	9.5	5.5	7.0	10.5	6.5	8.0	7.5	5.5	6.0
9	4.0	2.0	3.0	9.5	6.0	7.5	9.0	8.0	8.5	6.5	5.5	6.0
10	7.0	1.5	4.0	9.5	5.5	7.5	10.0	7.5	8.5	7.0	3.0	5.0
11	7.5	2.0	4.5	9.0	6.5	7.5	8.5	6.5	7.5	7.5	4.0	5.5
12	7.0	2.0	4.5	11.0	7.0	8.5	7.5	6.5	7.0	7.0	3.5	5.5
13	8.0	2.5	5.5	11.5	7.0	9.0	8.0	6.0	7.0	6.5	3.5	5.0
14	6.0	2.5	4.5	11.0	7.5	9.5	6.5	6.0	6.5	6.0	4.0	5.0
15	8.5	2.0	5.0	12.0	7.0	9.5	6.0	5.0	5.5	6.0	5.0	5.5
16	10.0	2.5	6.0	13.0	7.5	10.5	8.0	4.5	6.0	6.5	4.0	5.0
17	10.5	3.5	7.0	11.5	9.0	10.0	7.5	3.5	5.5	6.0	2.5	4.0
18	11.0	3.5	7.5	10.5	7.5	9.0	6.0	4.5	5.0	5.5	2.0	4.0
19	10.5	4.0	7.5	11.5	7.0	9.5	8.0	4.5	6.0	5.5	2.0	3.5
20	11.0	3.5	7.0	12.5	8.5	10.0	10.0	5.5	7.0	5.0	2.0	3.5
21	10.5	4.5	7.5	13.5	8.5	10.5	9.0	6.0	7.5	5.5	1.5	3.5
22	10.0	5.5	7.5	13.5	8.0	10.5	10.0	6.5	8.0	5.5	2.0	3.5
23	12.5	5.5	9.0	14.0	9.0	11.5	10.0	5.5	7.5	5.0	3.0	3.5
24	13.0	6.0	9.5	13.0	9.0	10.5	9.5	4.5	7.0	4.0	1.0	2.5
25	13.5	6.0	9.5	11.0	8.5	9.5	9.0	5.0	7.0	3.5	.5	2.0
26	12.0	6.0	9.0	11.0	7.5	9.0	9.5	5.5	7.5	3.0	.5	2.0
27	9.0	6.5	7.0	10.0	6.5	8.5	9.5	4.5	7.0	3.5	2.0	2.5
28	10.0	5.5	7.5	9.0	7.5	8.0	10.5	5.5	8.0	3.0	.5	1.5
29	11.5	5.5	8.5	8.0	6.5	7.0	9.0	7.0	7.5	2.5	.5	1.5
30	13.0	7.0	9.5	11.5	5.5	8.0	9.0	6.0	7.5	2.0	1.0	1.5
31	---	---	---	11.0	6.5	9.0	8.5	7.0	8.0	---	---	---
MONTH	13.5	.0	5.5	14.0	5.5	9.0	10.5	3.5	7.3	9.5	.5	4.6

YUKON ALASKA

15565447 YUKON RIVER AT PILOT STATION

LOCATION.--Lat 61°56'04", long 162°52'50", in SW¹/₄ SE¹/₄ sec. 5, T.21 N., R.74 W. (Marshall D-3 quad), Hydrologic Unit 19040805, on the right bank, .2 mi downstream from village of Pilot Station, 2.4 mi downstream from Atchuelinguk River, and 19 mi upstream from Andreafsky River.

DRAINAGE AREA.--321,000 mi² approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1975 to September 1996, April 1 to September 30, 2001.

REVISED RECORDS.--WRD-AK-99-1: 1998.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above sea level from topographic map.

REMARKS.--Records good, except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	e46000	e55000	e740000	815000	416000	466000
2	---	---	---	---	---	---	e46000	e60000	e760000	781000	416000	465000
3	---	---	---	---	---	---	e46000	e60000	e780000	746000	418000	459000
4	---	---	---	---	---	---	e46000	e65000	e800000	724000	423000	452000
5	---	---	---	---	---	---	e46000	e65000	e780000	704000	428000	445000
6	---	---	---	---	---	---	e46000	e70000	747000	680000	435000	438000
7	---	---	---	---	---	---	e46000	e75000	736000	656000	442000	429000
8	---	---	---	---	---	---	e46000	e80000	731000	631000	448000	417000
9	---	---	---	---	---	---	e46000	e85000	722000	609000	454000	406000
10	---	---	---	---	---	---	e46000	e90000	720000	588000	458000	396000
11	---	---	---	---	---	---	e46000	e95000	720000	567000	459000	387000
12	---	---	---	---	---	---	e46000	e100000	722000	546000	457000	379000
13	---	---	---	---	---	---	e46000	e110000	723000	525000	453000	373000
14	---	---	---	---	---	---	e46000	e120000	731000	506000	448000	366000
15	---	---	---	---	---	---	e46000	e130000	748000	488000	446000	360000
16	---	---	---	---	---	---	e46000	e140000	771000	471000	444000	355000
17	---	---	---	---	---	---	e46000	e150000	799000	461000	440000	352000
18	---	---	---	---	---	---	e46000	e160000	816000	458000	435000	348000
19	---	---	---	---	---	---	e48000	e180000	834000	454000	430000	343000
20	---	---	---	---	---	---	e48000	e200000	858000	453000	431000	e341000
21	---	---	---	---	---	---	e48000	e210000	865000	452000	426000	340000
22	---	---	---	---	---	---	e48000	e230000	858000	450000	423000	339000
23	---	---	---	---	---	---	e48000	e250000	854000	448000	425000	336000
24	---	---	---	---	---	---	e48000	e280000	865000	445000	431000	334000
25	---	---	---	---	---	---	e50000	e320000	873000	441000	437000	328000
26	---	---	---	---	---	---	e50000	e360000	875000	436000	443000	321000
27	---	---	---	---	---	---	e50000	e400000	e873000	430000	451000	314000
28	---	---	---	---	---	---	e50000	e440000	871000	425000	456000	309000
29	---	---	---	---	---	---	e55000	e500000	872000	422000	462000	304000
30	---	---	---	---	---	---	e55000	e580000	848000	419000	465000	298000
31	---	---	---	---	---	---	---	e680000	---	418000	467000	---
TOTAL	---	---	---	---	---	---	1426000	6340000	23892000	16649000	13667000	11200000
MEAN	---	---	---	---	---	---	47530	204500	796400	537100	440900	373300
MAX	---	---	---	---	---	---	55000	680000	875000	815000	467000	466000
MIN	---	---	---	---	---	---	46000	55000	720000	418000	416000	298000
AC-FT	---	---	---	---	---	---	2828000	12580000	47390000	33020000	27110000	22220000
CFSM	---	---	---	---	---	---	.15	.64	2.48	1.67	1.37	1.16
IN.	---	---	---	---	---	---	.17	.73	2.77	1.93	1.58	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)#

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	254400	128300	76600	61980	53460	48430	46430	266900	584600	455300	398000	359400														
MAX	335900	188800	94840	76000	65360	56770	55000	501700	844600	563500	515800	481300														
(WY)	1991	1987	1986	1986	1994	1980	1989	1991	1985	1992	1981	1994														
MIN	170600	72500	50000	50000	38380	35160	38430	100200	364400	314000	315000	252700														
(WY)	1979	1989	1988	1988	1984	1984	1976	1985	1978	1996	1990	1976														

SUMMARY STATISTICS FOR 2001 WATER YEAR WATER YEARS 1976 - 2001#

ANNUAL MEAN										227400		
HIGHEST ANNUAL MEAN										253700		1994
LOWEST ANNUAL MEAN										185300		1978
HIGHEST DAILY MEAN			875000		Jun 26				be1100000		Jun 5 1985	
LOWEST DAILY MEAN									c35000		Feb 23 1984	
ANNUAL SEVEN-DAY MINIMUM									35000		Feb 23 1984	
MAXIMUM PEAK FLOW		a901000		Jun 25					d1070000		Jun 9 1985	
MAXIMUM PEAK STAGE		a27.09		Jun 25					d27.50		Jun 9 1985	
MAXIMUM PEAK STAGE									f36.25		May 25 1989	
ANNUAL RUNOFF (AC-FT)									164700000			
ANNUAL RUNOFF (CFSM)									.71			
ANNUAL RUNOFF (INCHES)									9.63			
10 PERCENT EXCEEDS									510000			
50 PERCENT EXCEEDS									135000			
90 PERCENT EXCEEDS									48000			

See Period of Record, partial years used in monthly statistics
a Maximum recorded, but may have been higher during period of estimated discharge, Jun. 27
b Jun. 5-8, 1985
c From Feb. 23 to Mar. 27, 1984
d Maximum recorded, but may have been higher during period of estimated discharge, Jun. 5-8, 1985
e Estimated
f Backwater from ice

YUKON ALASKA

15565447 YUKON RIVER AT PILOT STATION--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKALINITY WAT DIS FIX END FIELD CACO3 (MG/L) (39036)	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLORIDE DIS-SOLVED (MG/L) AS CL (00940)	FLOURIDE DIS-SOLVED (MG/L) AS F (00950)	SILICA, DIS-SOLVED (MG/L) AS SIO2 (00955)	SOLIDS, RISTI-DUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	NITROGEN NITRITE DIS-SOLVED (MG/L) AS N (00613)	NITROGEN NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)
APR 19...	165	.0	135	140	27.1	1.3	E.1	11.4	200	185	.003	.206	.054
JUL 05...	82	.0	67	--	22.2	.7	E.1	5.6	131	105	.001	.048	.003
JUL 25...	93	.0	76	--	27.1	.9	E.1	6.2	129	118	.002	.068	.004
AUG 14...	88	.0	72	--	29.0	.9	.2	6.5	132	120	.001	.065	.006
AUG 30...	91	.0	75	77	29.4	.8	<.2	6.5	130	123	.001	.073	.005
SEP 21...	95	.0	78	80	29.8	.8	<.2	7.3	146	128	.002	.071	.004

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L) AS N (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L) AS N (00623)	PHOSPHORUS TOTAL (MG/L) AS P (00665)	PHOSPHORUS DIS-SOLVED (MG/L) AS P (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L) AS P (00671)	NITROGEN, TOTAL, SEDI-MENT WEIGHT PERCENT (62845)	PHOSPHORUS SEDI-MENT SUSP. PERCENT (30292)	ALUMINIUM, NUM SED, SUSP. PERCENT (30221)	ALUMINIUM, NUM SOLVED (UG/L) AS AL (01106)	ANTIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	ARSENIC DIS-SOLVED (UG/L) AS AS (01000)	BARIUM SED. SUSP. (UG/G) (29820)
APR 19...	.17	.15	.027	<.006	<.007	--	--	--	1	--	--	.4	--
JUL 05...	.59	.17	.338	.007	<.007	<.10	.09	6.6	13	1.4	12	1.0	910
JUL 25...	E.43	.13	E.312	.008	<.007	E.12	E.11	E7.5	13	E2.2	E19	.9	E950
AUG 14...	.57	.19	.508	E.005	E.004	.10	.1	7.7	15	2.1	19	.8	990
AUG 30...	.46	.20	.441	.006	<.007	.10	.09	7.5	14	1.7	17	.9	1000
SEP 21...	.41	.14	.257	E.005	<.007	.10	.1	7.3	11	1.5	17	.9	990

DATE	BARIUM, DIS-SOLVED (UG/L) AS BA (01005)	BERYLLIUM, SED. SUSP. (UG/G) (29822)	BERYLLIUM, DIS-SOLVED (UG/L) AS BE (01010)	BORON, DIS-SOLVED (UG/L) AS B (01020)	CADMIUM, DIS-SOLVED (UG/L) AS CD (29826)	CADMIUM, DIS-SOLVED (UG/L) AS CD (01025)	CHROMIUM, SED. SUSP. (UG/G) (29829)	CHROMIUM, DIS-SOLVED (UG/L) AS CR (01030)	COBALT, SEDI-MENT SUSP. (UG/G) (35031)	COBALT, DIS-SOLVED (UG/L) AS CO (01035)	COPPER SED. SUSP. (UG/G) (29832)	COPPER, DIS-SOLVED (UG/L) AS CU (01040)	IRON, SEDI-MENT SUSP. PERCENT (30269)
APR 19...	77.0	--	<.06	17	--	<.04	--	<.8	--	.20	--	1.0	--
JUL 05...	45.1	2	<.06	E6	.4	E.03	98	<.8	18	.10	35	2.9	3.9
JUL 25...	43.4	E2	<.06	9	E.5	E.02	E110	<.8	E20	.07	E46	2.4	E4.9
AUG 14...	47.4	2	<.06	20	.5	<.04	110	<.8	21	.08	47	3.9	4.9
AUG 30...	46.9	2	<.06	9	.6	<.04	110	<.8	19	.06	42	2.8	4.6
SEP 21...	43.8	2	<.06	9	.6	<.04	93	<.8	18	.09	46	2.3	4.5

YUKON ALASKA

15565447 YUKON RIVER AT PILOT STATION--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD SED. SUSP. (UG/G) (29836)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITH- IUM SEDI- MENT (UG/G) (35050)	LITH- IUM DIS- SOLVED (UG/L AS LI) (01130)	MAN- GANESE SED. SUSP. (UG/G) (29839)	MAN- GANESE, DIS- SOLVED (UG/L AS MN) (01056)	MER- CURY SED. SUSP. (UG/G) (29841)	MOLYB- DENUM SED. SUSP. (UG/G) (29843)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (29845)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM SED. SUSP. (UG/G) (29847)
APR 19...	80	--	<.08	--	3.0	--	95.8	--	--	.9	--	.47	--
JUL 05...	170	12	.29	30	1.9	810	12.6	.09	2	.8	54	.82	M
JUL 25...	110	E15	.15	E34	2.5	E1000	3.5	E.06	E3	.9	E63	.43	M
AUG 14...	50	16	.20	32	2.7	950	2.9	.05	2	1.1	58	.74	M
AUG 30...	90	16	.20	33	2.5	860	4.1	.06	2	1.0	47	.25	M
SEP 21...	150	18	E.06	34	2.7	880	9.9	.06	2	.9	44	.33	M

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER SED. SUSP. (US/G) (29850)	SIL- VER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM SEDI- MENT (UG/G) (35040)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	THAL- LIUM SUS SED (UG/G) (49955)	TITA- NIUM SEDI- MENT SUSP. (UG/G) (30317)	VANA- DIUM SED. SUSP. (UG/G) (29853)	VANA- DIUM DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (29855)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URA- NIUM SEDI- MENT SUSP. (UG/G) (35046)	URA- NIUM NATU- RAL DIS- SOLVED (UG/L AS U) (22703)
APR 19...	.4	--	<1.0	--	205	--	--	--	1.0	--	2	--	1.01
JUL 05...	.4	M	<1.0	220	103	<50	.450	130	.7	110	<1	<50	.51
JUL 25...	.5	<.500000	<1.0	E280	115	<50	E.480	E150	.6	E130	<1	<50	.68
AUG 14...	<.3	<.500000	<1.0	280	121	<50	.470	150	.6	130	<1	<50	.77
AUG 30...	.6	<.500000	3.0	230	121	<50	.440	140	.6	120	1	<50	.70
SEP 21...	.5	<.500000	<1.0	230	130	<50	.440	130	.6	130	<1	<50	.77

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC PARTICU- LATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON SED. SUSP. PERCENT (30244)	CARBON ORGANIC SUS- PENDED, TOTAL PERCENT (50465)	NITRO- GEN, PARTI- CULTE WAT FLT SUSP (MB/L AS N) (49570)	SEDI- MENT SUSP., FLOW- THROUGH (MG/L) (50279)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SEIVE DIAM. % FINER THAN .062 MM (70331)
APR 19...	2.2	<.1	.4	.5	--	--	<.022	--	4	512	--
JUL 05...	--	.2	6.1	6.3	1.3	1.1	.316	492	463	850000	67
JUL 25...	4.6	<.1	E6.0	E6.1	E2.0	E1.1	E.180	E296	--	--	--
AUG 14...	6.2	3.3	5.3	8.7	1.6	.9	.255	581	927	120000	82
AUG 30...	5.4	1.3	6.8	8.1	1.5	.9	.373	511	500	629000	85
SEP 21...	4.9	--	--	--	2.1	1.5	--	266	302	277000	81