YUKON ALASKA

15518040 NENANA RIVER AT HEALY

LOCATION.--Lat 63°51'15", long 148°57'20", in SE $\frac{1}{4}$ sec. 20, T. 12 S., R. 7 W. (Healy D-4 quad), Denali Borough,
   Hydrologic Unit 19040508, on left bank upstream side of Healy Spur railroad bridge, 0.3 mi east of Parks Hwy in
   Healy, 0.4 mi downstream from Healy Creek, and 4 mi upstream of Lignite Creek.

DRAINAGE AREA.--2,100 mi^2.

PERIOD OF RECORD.--April 1990 to September 1991 (year-round), May 2003 to September 2004 (no winter record).

GAGE.--Water-stage-recorder. Datum of gage is 1244.17 ft above NGVD of 1929. Prior to Sept. 26, 1990, non-recording
   gage site 60 ft downstream at same datum. A National Weather Service wire-weight is attached to the down-stream
   edge of the highway bridge and was established in June 1972.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 31,200 ft^3/s, September 15, 1990, gage height, 14.4 ft, from flood
   marks; minimum daily not determined, occurred during period of ice effect.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge 12,100 ft^3/s, October 4, 2003, gage height, 11.70 ft; minimum daily
   not determined, occurred during winter.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6300	---	---	---	---	---	---	e2500	8270	7590	7530	3790
2	7270	---	---	---	---	---	---	e2400	7720	7430	7780	3880
3	7490	---	---	---	---	---	---	e2600	7100	7990	6950	4010
4	10600	---	---	---	---	---	---	e3000	6970	7530	6510	3500
5	8290	---	---	---	---	---	---	e5000	6970	7660	6510	3000
6	7090	---	---	---	---	---	---	e7000	7060	7810	6680	2750
7	6350	---	---	---	---	---	---	e10000	7920	7450	6850	2600
8	5960	---	---	---	---	---	---	e9800	8510	7460	6760	2530
9	5300	---	---	---	---	---	---	e9100	8450	7160	6650	2490
10	4910	---	---	---	---	---	---	7400	8220	6830	6530	2480
11	4580	---	---	---	---	---	---	5640	8500	6430	6410	2490
12	4260	---	---	---	---	---	---	5960	8290	6540	6240	2470
13	3980	---	---	---	---	---	---	6360	7580	7200	6210	2540
14	3880	---	---	---	---	---	---	6420	7510	7740	6320	2510
15	3920	---	---	---	---	---	---	6980	7560	7600	6130	2430
16	3650	---	---	---	---	---	---	7040	7780	7280	6730	2300
17	3140	---	---	---	---	---	---	6280	8030	7150	7300	2160
18	2770	---	---	---	---	---	---	5320	8320	7000	6890	2070
19	2710	---	---	---	---	---	---	4650	8300	6880	6700	2050
20	e2600	---	---	---	---	---	---	4320	8630	6820	6710	2050
21	e2500	---	---	---	---	---	---	4390	8660	7250	6140	2170
22	2380	---	---	---	---	---	---	4730	8320	7150	6120	2160
23	2370	---	---	---	---	---	---	5210	8170	7070	6140	2280
24	e2400	---	---	---	---	---	---	6270	8170	6500	5700	2220
25	e2300	---	---	---	---	---	---	6940	8480	6110	5060	2000
26	e2200	---	---	---	---	---	---	7090	8750	6210	4740	2190
27	e2100	---	---	---	---	---	---	7300	9040	6570	5550	2770
28	e2000	---	---	---	---	---	---	7150	9140	6690	5500	2410
29	2180	---	---	---	---	---	---	6930	9060	6590	4760	2070
30	2090	---	---	---	---	---	---	7630	9030	6520	4410	2100
31	2540	---	---	---	---	---	---	7700	---	6190	4010	---
TOTAL	130110	---	---	---	---	---	---	189110	244510	218400	192520	76470
MEAN	4197	---	---	---	---	---	---	6100	8150	7045	6210	2549
MAX	10600	---	---	---	---	---	---	10000	9140	7990	7780	4010
MIN	2000	---	---	---	---	---	---	2400	6970	6110	4010	2000
AC-FT	258100	---	---	---	---	---	---	375100	485000	433200	381900	151700
CFSM	2.00	---	---	---	---	---	---	2.90	3.88	3.35	2.96	1.21
IN.	2.30	---	---	---	---	---	---	3.35	4.33	3.87	3.41	1.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 – 2004, BY WATER YEAR (WY)#

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4055	1407	1123	965	925	826	828	5890	10620	10380	8808	6777
MAX	4197	1407	1123	965	925	826	828	8945	14370	13410	11230	13440
(WY)	2004	1991	1991	1991	1991	1991	1991	1990	1990	2003	1990	1990
MIN	3913	1407	1123	965	925	826	828	2811	8150	7045	6210	2549
(WY)	1991	1991	1991	1991	1991	1991	1991	2003	2004	2004	2004	2004

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