

RAINY RIVER BASIN--Continued

05128000 NAMAKAN RIVER AT OUTLET OF LAC LA CROIX, ONTARIO
(International Gaging Station)

LOCATION.--Lat 48°21'14", long 92°13'01", at Campbell's Camp, on Lac La Croix Lake, used to determine discharge at outlet [Lat 48°23'00", long 92°10'40", 2.5 mi east of Campbell's Camp].

DRAINAGE AREA.--5,170 mi².

PERIOD OF RECORD.--September 1921 to January 1922, April 1922 to current year, in reports of Geological Survey. Monthly discharge only for some periods, published in WSP 1308. August 1921 to current year, in reports of Water Survey of Canada.

GAGE.--Water-stage recorder. Datum of gage is sea level (United States and Canadian Boundary Survey). Prior to October 1933, nonrecording gages at various sites on Lac la Croix. October 1933 to Mar. 13, 1963, nonrecording gage at present site and datum.

REMARKS.--Records furnished by Water Survey of Canada.

COOPERATION.--This station is one of the international stations maintained by Canada under agreement with the United States.

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	3990	5830	3710	2700	e2230	e1950	2090	3530	7270	5790	5190	4270
2	4060	5830	3670	2680	2220	e1940	2120	3570	7240	5900	5080	4200
3	4130	5760	3600	2650	2200	e1940	2230	3600	7170	5970	5010	4170
4	4170	5690	3530	2630	e2190	e1930	2300	3640	7060	6000	4910	4060
5	4240	5470	3520	2630	e2170	e1920	2360	3740	6960	6140	4910	3990
6	4340	5470	3490	2620	2150	e1920	2400	3780	6820	6250	4940	3990
7	4450	5400	3440	2620	e2150	e1910	2460	3920	6740	6360	4980	3990
8	4630	5300	3380	2600	2140	e1910	2510	4130	6640	6430	5050	3990
9	4770	5190	3340	2590	e2130	e1900	2550	4270	6600	6460	5050	3990
10	4870	5160	3300	2570	e2110	e1890	2600	4450	6500	6570	5080	3920
11	5050	5050	3270	2550	e2100	e1890	2630	4590	6390	6600	5120	3850
12	5160	4940	3230	e2540	e2090	e1880	2680	4770	6280	6670	5120	3810
13	5300	4800	3190	e2530	e2080	e1880	2740	4910	6140	6640	5120	3740
14	5440	4770	3160	2510	e2070	e1870	2790	5080	6040	6670	5120	3670
15	5540	4700	3110	2490	e2070	e1870	2870	5330	5930	6670	5050	3640
16	5580	4630	3070	2480	e2050	1860	2920	5540	5830	6570	5080	3570
17	5720	4590	3050	2480	e2040	1860	2970	5760	5760	6430	5050	3530
18	5830	4560	3020	2450	e2040	1850	2990	5930	5650	6360	5010	3500
19	5930	4410	2990	2440	e2030	1850	3070	6140	5610	6280	5010	3600
20	6040	4380	2960	e2430	e2020	1840	3110	6320	5580	6180	4940	3530
21	6000	4310	2920	e2420	e2010	1840	3150	6570	5510	6110	4910	3530
22	6070	4200	2900	2400	e2010	1840	3200	6780	5510	6000	4870	3530
23	6140	4170	2870	2390	e2000	1840	3250	6850	5540	5900	4800	3490
24	6220	4100	2850	2370	e1990	1880	3300	6990	5510	5790	4730	3430
25	6070	4060	2820	2350	e1980	1940	3330	7130	5510	5720	4660	3400
26	6180	3990	2780	2340	e1980	1970	3360	7270	5470	5720	4630	3350
27	6180	3880	2760	2320	e1970	2000	3400	7310	5510	5610	4560	3320
28	6140	3850	2760	2300	e1960	2020	3450	7310	5510	5510	4480	3280
29	6110	3810	2750	2280	e1950	2040	3490	7310	5540	5440	4340	3230
30	6040	3780	2740	2270	---	2060	3510	7340	5610	5300	4310	3190
31	6000	---	2720	2250	---	2080	---	7240	---	5230	4340	---
TOTAL	166390	142080	96900	76880	60130	59370	85830	171100	183430	189270	151450	110760
MEAN	5367	4736	3126	2480	2073	1915	2861	5519	6114	6105	4885	3692
MAX	6220	5830	3710	2700	2230	2080	3510	7340	7270	6670	5190	4270
MIN	3990	3780	2720	2250	1950	1840	2090	3530	5470	5230	4310	3190
AC-FT	330000	281800	192200	152500	119300	117800	170200	339400	363800	375400	300400	219700
CFSM	1.04	.92	.60	.48	.40	.37	.55	1.07	1.18	1.18	.94	.71
IN.	1.20	1.02	.70	.55	.43	.43	.62	1.23	1.32	1.36	1.09	.80

05128000 NAMAKAN RIVER AT OUTLET OF LAC LA CROIX, ONTARIO--Continued
(International Gaging Station)

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2000, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3064	2918	2605	2199	1895	1683	2584	7643	7947	6095	4066	3163
MAX	14200	10610	7189	4568	3432	2996	9071	16900	22120	15930	11200	13140
(WY)	1978	1978	1972	1978	1966	1966	1945	1938	1950	1968	1944	1988
MIN	744	624	567	547	540	535	614	899	1475	1263	1123	774
(WY)	1999	1977	1977	1977	1924	1924	1977	1977	1924	1924	1998	1998

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1921 - 2000
ANNUAL TOTAL	1726820	1493590	
ANNUAL MEAN	4731	4081	3840
HIGHEST ANNUAL MEAN			7270
LOWEST ANNUAL MEAN			964
HIGHEST DAILY MEAN	8860	May 30	7340
LOWEST DAILY MEAN	1670	Mar 27	1840
ANNUAL SEVEN-DAY MINIMUM	1700	Mar 21	1850
INSTANTANEOUS PEAK FLOW			7380
INSTANTANEOUS PEAK ELEVATION			1186.17
INSTANTANEOUS LOW FLOW			1820
ANNUAL RUNOFF (AC-FT)	3425000	2963000	2782000
ANNUAL RUNOFF (CFSM)	.92	.79	.74
ANNUAL RUNOFF (INCHES)	12.43	10.75	10.09
10 PERCENT EXCEEDS	8160	6280	8270
50 PERCENT EXCEEDS	4450	3920	2680
90 PERCENT EXCEEDS	1920	2020	1180

a Occurred May 31 to June 2, 1950.
b Many days in 1924.
e Estimated.

