

05128000 NAMAKAN RIVER AT OUTLET OF LAC LA CROIX, ONTARIO—Continued

(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 U.S. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,750	1,790	2,380	2,120	2,060	1,880	1,730	5,760	11,700	8,160	3,950	2,040
2	1,740	1,850	2,380	2,140	2,050	1,870	1,750	5,790	11,700	8,050	3,850	2,010
3	1,720	1,920	2,370	2,130	2,040	1,860	1,780	5,790	11,500	7,910	3,780	2,000
4	1,710	1,940	2,340	2,120	2,030	1,860	1,830	5,830	11,400	7,800	3,640	1,970
5	1,710	2,010	2,330	2,110	2,030	1,860	1,900	5,860	11,400	7,660	3,570	1,920
6	1,700	2,060	2,320	2,090	2,010	1,850	2,000	5,900	11,200	7,520	3,470	1,860
7	1,700	2,080	2,310	2,090	2,000	1,850	2,130	5,930	11,200	7,340	3,370	1,820
8	1,680	2,160	2,300	2,080	2,000	1,840	2,300	6,000	11,100	7,170	3,280	1,790
9	1,700	2,220	2,280	2,070	1,990	1,840	2,470	6,250	10,800	6,990	3,190	1,770
10	1,710	2,210	2,260	2,070	1,980	1,830	2,670	6,710	10,700	6,850	3,090	1,740
11	1,690	2,250	2,250	2,060	1,970	1,830	2,900	7,130	10,500	6,670	3,030	1,690
12	1,670	2,290	2,290	2,070	1,960	1,820	3,110	7,520	10,300	6,500	2,900	1,670
13	1,670	2,320	2,290	2,080	1,960	1,810	3,300	7,800	10,200	6,360	2,830	1,640
14	1,680	2,340	2,280	2,070	1,960	1,790	3,490	8,090	10,200	6,210	2,760	1,600
15	1,650	2,360	2,260	2,060	1,950	1,790	3,640	8,370	10,300	6,040	2,690	1,580
16	1,580	2,380	2,230	2,050	1,940	1,780	3,810	8,650	10,200	5,930	2,650	1,550
17	1,590	2,390	2,220	2,040	1,930	1,770	3,990	8,900	10,000	5,760	2,650	1,520
18	1,600	2,390	2,200	2,040	1,930	1,760	4,130	9,070	9,890	5,650	2,760	1,480
19	1,590	2,430	2,190	2,060	1,910	1,750	4,310	9,320	9,680	5,610	2,700	1,520
20	1,550	2,420	2,200	2,070	1,920	1,740	4,520	9,500	9,460	5,510	2,620	1,510
21	1,550	2,440	2,180	2,070	1,920	1,720	4,700	9,680	9,290	5,400	2,580	1,490
22	1,530	2,460	2,170	2,090	1,910	1,710	4,840	9,850	9,150	5,230	2,540	1,450
23	1,550	2,380	2,150	2,090	1,910	1,700	4,980	10,100	8,930	5,120	2,500	1,440
24	1,550	2,450	2,140	2,080	1,900	1,690	5,120	10,200	8,790	4,870	2,460	1,420
25	1,550	2,460	2,120	2,080	1,890	1,680	5,300	10,300	8,720	4,770	2,390	1,400
26	1,550	2,450	2,100	2,080	1,890	1,670	5,400	10,800	8,580	4,590	2,330	1,370
27	1,560	2,430	2,080	2,070	1,890	1,660	5,510	11,100	8,510	4,450	2,270	1,350
28	1,550	2,410	2,070	2,070	1,880	1,650	5,580	11,300	8,550	4,340	2,240	1,300
29	1,550	2,390	2,050	2,080	---	1,650	5,650	11,500	8,440	4,240	2,210	1,300
30	1,650	2,390	2,070	2,070	---	1,660	5,720	11,700	8,300	4,130	2,180	1,270
31	1,740	---	2,120	2,070	---	1,710	---	11,700	---	4,060	2,130	---
TOTAL	50,720	68,070	68,930	64,470	54,810	54,880	110,560	262,400	300,690	186,890	88,610	48,470
MEAN	1,636	2,269	2,224	2,080	1,958	1,770	3,685	8,465	10,020	6,029	2,858	1,616
MAX	1,750	2,460	2,380	2,140	2,060	1,880	5,720	11,700	11,700	8,160	3,950	2,040
MIN	1,530	1,790	2,050	2,040	1,880	1,650	1,730	5,760	8,300	4,060	2,130	1,270
AC-FT	100,600	135,000	136,700	127,900	108,700	108,900	219,300	520,500	596,400	370,700	175,800	96,140
CFSM	0.32	0.44	0.43	0.40	0.38	0.34	0.71	1.64	1.94	1.17	0.55	0.31
IN.	0.36	0.49	0.50	0.46	0.39	0.39	0.80	1.89	2.16	1.34	0.64	0.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2005, BY WATER YEAR (WY)

MEAN	3,024	2,884	2,589	2,194	1,891	1,682	2,613	7,628	7,896	6,019	4,038	3,133
MAX	14,200	10,610	7,189	4,568	3,432	2,996	9,071	16,900	22,120	15,930	11,200	13,140
(WY)	(1978)	(1978)	(1972)	(1978)	(1966)	(1966)	(1945)	(1938)	(1950)	(1968)	(1944)	(1988)
MIN	744	624	567	547	540	535	614	899	1,475	1,263	1,123	774
(WY)	(1999)	(1977)	(1977)	(1977)	(1924)	(1924)	(1977)	(1977)	(1924)	(1924)	(1998)	(1998)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1921 - 2005	
ANNUAL TOTAL	1,299,600		1,359,500			
ANNUAL MEAN	3,551		3,725		3,817	
HIGHEST ANNUAL MEAN					7,270	1950
LOWEST ANNUAL MEAN					964	1924
HIGHEST DAILY MEAN	8,620	May 12	11,700	May 30 - June 2	a28,200	May 31, 1950
LOWEST DAILY MEAN	1,530	Oct 22	1,270	Sep 30	535	Feb 4, 1924
ANNUAL SEVEN-DAY MINIMUM	1,550	Oct 20	1,340	Sep 24	535	Feb 4, 1924
MAXIMUM PEAK FLOW			11,800	May 31	28,200	May 31, 1950
MAXIMUM PEAK STAGE			1,187.95	May 31	a1,193.30	May 31, 1950
INSTANTANEOUS LOW FLOW			b1,230	Sep 30	c535	Feb 1, 1924
ANNUAL RUNOFF (AC-FT)	2,578,000		2,697,000		2,765,000	
ANNUAL RUNOFF (CFSM)	0.687		0.720		0.738	
ANNUAL RUNOFF (INCHES)	9.35		9.78		10.03	
10 PERCENT EXCEEDS	7,870		8,990		8,230	
50 PERCENT EXCEEDS	2,260		2,210		2,670	
90 PERCENT EXCEEDS	1,790		1,660		1,180	

- a Occurred May 31 to June 2, 1950.
- b Falling stage.
- c Many days in 1924.

