

DOMINION BUREAU OF STATISTICS

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SUMMARY OF CANAL STATISTICS

August, 1958

The volume of freight transported through Canadian canals during August totalled 4,794,663 tons, down 240,852 tons or 4.8 per cent from the August 1957 total of 5,035,515 tons. Decreased freight traffic was reported at the Sault Ste. Marie, Welland Ship, St. Lawrence and five of the smaller canals. Commodities primarily responsible for the decline from the previous August were flaxseed, bituminous coal and iron ore. Vessel passages declined to 3,907 from 4,422 and total registered net tonnage to 4,224,773 tons from 4,521,318. The number of passengers carried in vessels passed through the locks rose to 61,824 from 44,497.

Sault Ste Marie Canals - Canadian and United States Locks:

Cargoes shipped through the combined system dropped 28.7 per cent in August to 11,878,121 tons from 16,665,387 tons in August 1957. Freight traffic through the Canadian lock showed a corresponding decline to 174,614 tons from 282,263. Major factors in the combined decrease were a drop in east bound shipments of iron ore to 9,287,291 tons from 13,450,045, in east bound shipments of wheat to 314,198 tons from 531,223 and in west bound shipments of bituminous coal to 1,358,708 from 1,449,875. Vessel passages declined to 2,814 from 3,459 and total registered net tonnage of vessels to 9,348,804 tons from 13,029,806.

Welland Ship Canal:

Total freight cleared through the Welland Ship Canal amounted to 2,878,998 tons, 2.7 per cent below the 2,958,911 tons carried in August 1957. Cargoes of flaxseed fell to 47,928 tons from 122,297, bituminous coal to 641,943 tons from 737,274 and crude petroleum to 43,243 tons from 137,501. Shipments of corn, on the other hand, increased to 52,047 tons from 19,220, barley to 71,791 tons from 42,809, and sand, gravel and stone to 73,649 tons from 18,743. During the month a total of 1,221 vessels of 2,501,796 registered net tons passed through the canal as compared with the August 1957 total of 1,239 vessels of 2,683,048 net tons.

St. Lawrence Canals:

Freight tonnage carried through the St. Lawrence Canals during August amounted to 1,640,185 tons as compared with 1,667,402 tons in August 1957, a decline of 27,217 tons or 1.6 per cent. Although tonnages of a number of commodities including wheat, corn, barley, pulpwood and other freight were higher than in the previous August, an overall decrease was recorded as flaxseed shipments fell to 47,609 tons from 105,354, iron ore to 243,399 tons from 364,939 and iron and steel to 23,963 tons from 59,695. A total of 1,327 vessels aggregating 1,662,653 registered net tons passed through the system as against 1,582 vessels of 1,166,104 net tons in August 1957.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

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SUMMARY OF CANAL STATISTICS

	August, 1958					Cumulative tons of freight 1958
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
ALL CANADIAN CANALS	3,907	4,224,773	61,824	13,770	4,794,663	21,092,029
Canso Canal	142	57,993	3	-	56,630	301,554
Murray Canal	62	6,726	-	757	200	383
Ottawa River Canals	167	43,296	-	2,277	30,600	30,600
Richelieu River Canal	92	13,403	3	-	12,665	66,914
Rideau Canal	23	484	114(1)	10,020	15	38
St. Andrew's Canal	43	3,331	-(2)	262	577	2,501
St. Lawrence Canals	1,327	1,162,653	2	272	1,640,185	7,026,631
St. Peter's Canal	67	1,108	47	-	170	778
Sault Ste. Marie Canal	739	430,137	61,653	155	174,614	712,389
Trent Canal	24	3,846	-	-(3)	9	49
Welland Ship Canal	1,221	2,501,796	2	27	2,878,998	12,950,192

	August, 1957					Cumulative-1957
ALL CANADIAN CANALS	4,422	4,521,318	44,497	27,468	5,035,515	23,807,622
Canso Canal	169	41,267	-	-	42,194	201,589
Murray Canal	61	7,269	19	621	-	-
Ottawa River Canals	324	81,169	-	1,700	68,640	253,140
Richelieu River Canal	117	16,324	99	-	12,830	56,228
Rideau Canal	33	851	142	9,794	125	5,712
St. Andrew's Canal	40	3,849	-	174	553	3,272
St. Lawrence Canals	1,582	1,166,104	15	270	1,667,402	7,829,597
St. Peter's Canal	72	4,288	92	4	2,581	3,446
Sault Ste. Marie Canal	763	516,794	44,130	140	282,263	984,967
Trent Canal	22	355	-	14,765	16	42
Welland Ship Canal	1,239	2,683,048	-	-	2,958,911	14,469,629

	August, 1958		August, 1957		Cumulative-1958	Cumulative-1957
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks

SAULT STE. MARIE CANALS
EASTBOUND

Number of vessel passages	495	1,380	472	1,724	4,962	7,002
Registered net tonnage	182,309	4,600,036	224,502	6,502,846	17,907,683	29,357,901
Number of passengers	55,465	59,829	38,649	41,656	118,156	79,493

Commodities (Cargo tons)

Newsprint and wood pulp	26,701	27,312	22,659	25,959	118,472	117,932
Pulpwood, lumber and logs	-	58,082	-	71,528	215,906	218,034
Wheat	17,797	314,198	49,288	531,223	4,086,086	3,737,208
Barley	17,882	99,896	17,453	95,634	1,270,309	808,564
Oats	4,863	42,890	20,124	87,214	464,588	449,466
Corn	4,612	35,001	-	-	123,109	61,378
Rye	-	11,739	-	2,465	169,789	145,486
Flaxseed	4,116	56,742	2,882	146,516	167,682	437,391
Flour	2,311	2,311	8,775	10,756	23,848	38,471
Other grain & mill products	14,638	22,707	16,633	24,454	122,176	110,201
Iron ore	-	9,287,291	-	13,450,045	31,118,387	57,952,954
Manufactured iron & steel	14,607	19,060	16,299	23,626	89,137	141,832
Pig iron	-	7,616	-	27,838	66,881	113,711
Scrap iron	1,128	12,465	-	20,708	68,081	141,322
Sand, gravel and stone	22,310	22,310	19,760	19,760	72,080	62,820
Petroleum, crude	-	43,243	-	126,601	202,134	537,500
Other petroleum products	-	-	2,750	2,750	12,511	17,830
All other freight	2,682	2,896	2,809	2,950	15,618	10,929
TOTAL FREIGHT	133,647	10,065,759	179,432	14,670,027	38,406,794	65,103,029

- (1) Exclusive of 4,984 paying passengers on sightseeing pleasure boat cruises.
 (2) Exclusive of 30,705 passengers carried in pleasure craft.
 (3) 1,031 passengers carried in pleasure craft.
 Not available.
 One passenger through one lock station recorded as "1".
 One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

	August, 1958		August, 1957		Cumulative-1958	Cumulative-1957
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
SAULT STE. MARIE CANALS						
WESTBOUND						
Number of vessel passages	244	1,434	291	1,735	5,151	7,121
Registered net tonnage	247,828	4,748,768	292,292	6,526,960	18,428,924	29,865,561
Number of passengers	6,188	59,506	5,481	41,548	117,913	79,883
Commodities (Cargo tons)						
Cement	-	53,163	-	28,746	160,681	135,033
Coal, bituminous	200	1,358,708	18,595	1,449,875	3,589,487	5,952,263
Coal, anthracite	-	25,914	-	53,451	36,414	250,105
Coke	-	-	-	22,675	20,731	60,306
Iron ore	-	85,396	-	39,580	116,659	222,367
Manufactured iron & steel	-	11,534	671	17,855	76,902	108,746
Scrap iron	-	11,800	-	6,700	11,800	18,800
Salt	3,322	15,003	1,021	18,380	68,081	65,998
Sand, gravel and stone	3,021	136,364	6,101	208,654	687,999	1,034,982
Gasoline	5,600	37,845	12,700	37,740	185,522	205,745
Fuel oil	3,600	31,395	32,263	66,999	258,052	263,690
Other petroleum products	2,700	2,700	999	999	6,050	12,350
Autos, trucks & parts	275	2,742	416	6,100	16,910	32,588
All other freight	22,249	39,798	30,065	37,606	194,774	229,245
TOTAL FREIGHT	40,967	1,812,362	102,831	1,995,360	5,430,062	8,592,218

SAULT STE. MARIE CANALS						
TOTAL						
Number of vessel passages	739	2,814	763	3,459	10,113	14,123
Registered net tonnage	430,137	9,348,804	516,794	13,029,806	36,336,607	59,223,462
Number of passengers	61,653	119,335	44,130	83,204	236,069	159,376
Number of pleasure craft	155	155	140	140	437	493
Tons of freight	174,614	11,878,121	282,263	16,665,387	43,836,856	73,695,247

	August, 1958			August, 1957	1958	1957
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL							
Number of vessel passages		633	588	1,221	1,239	5,310	5,854
Registered net tonnage		1,291,975	1,209,821	2,501,796	2,683,048	10,049,598	12,538,878
Number of passengers		2	-	2	-	852	21
Number of pleasure craft				27	-	94	-
Commodities (Cargo tons)							
Wheat		-	232,868	232,868	248,213	2,201,278	1,678,068
Corn		-	52,047	52,047	19,220	126,308	118,758
Oats		1,471	25,693	27,164	21,150	181,498	127,023
Barley		-	71,791	71,791	42,829	893,621	429,206
Rye		-	13,451	13,451	546	67,766	4,606
Flaxseed		-	47,928	47,928	122,297	132,048	400,102
Other grain		-	1,311	1,311	8,846	30,273	85,031
Flour		225	3,388	3,613	1,372	14,931	5,611
Mill products		-	3,693	3,693	-	17,013	7,737
Coal, anthracite		-	-	-	-	7,269	-
Coal, bituminous		-	641,943	641,943	737,274	2,807,563	3,909,442
Coke		-	2,350	2,350	4,283	26,561	15,500
Iron ore		275,794	557,232	833,026	871,535	2,893,310	3,827,879
Petroleum, crude		-	43,243	43,243	137,501	195,836	656,474
Sand, gravel and stone		73,649	-	73,649	18,743	151,023	62,359
Salt		-	29,041	29,041	15,239	86,894	66,546
Pulpwood		105,050	34,858	139,908	131,232	391,862	331,456
Gasoline		25,573	10,800	36,373	28,134	186,199	177,138
Fuel oil		67,023	102,082	169,105	133,978	634,200	639,917
Petroleum oils & other petroleum prod.		60,398	10,126	70,524	74,426	222,789	292,335
Iron and steel		9,954	14,174	24,128	45,892	68,572	129,369
Autos, trucks and parts		1,029	15	1,044	453	6,160	4,052
Wood pulp		3,101	3,842	6,943	4,471	25,282	22,157
Newsprint		56,916	-	56,916	58,200	262,644	269,637
Other manufactured products		56,687	65,724	122,411	68,623	350,996	190,608
All other freight		88,196	86,332	174,528	164,454	968,296	1,018,618
TOTAL FREIGHT		825,066	2,053,932	2,878,998	2,958,911	12,950,192	14,469,629



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	August, 1958			August, 1957	1958	1957
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	666	661	1,327	1,582	6,232	7,263
Registered net tonnage	587,196	575,457	1,162,653	1,166,104	5,353,999	5,574,627
Number of passengers	2	-	2	15	24	92
Number of pleasure craft	-	-	272	270	776	683
<u>Commodities (Cargo tons)</u>						
Wheat	-	285,533	285,533	219,835	1,793,730	1,347,913
Corn	-	46,924	46,924	18,257	86,497	77,112
Oats	-	17,646	17,646	23,278	120,979	85,428
Barley	-	53,954	53,954	32,262	723,013	313,347
Rye	-	3,389	3,389	546	26,094	4,605
Flaxseed	-	47,609	47,609	105,354	118,407	315,964
Other grain	-	3,559	3,559	-	21,070	11,504
Flour	-	2,723	2,723	1,565	10,837	7,844
Mill products	-	526	526	200	11,803	4,614
Coal, anthracite	-	-	-	-	3,100	-
Coal, bituminous	41,885	145,613	187,498	210,710	592,666	1,146,060
Coke	-	2,863	2,863	4,099	15,462	6,268
Iron ore	243,399	-	243,399	364,939	985,103	1,816,036
Petroleum, crude	43,540	-	43,540	11,855	192,070	35,674
Sand, gravel and stone	-	29,700	29,700	68,400	36,082	245,900
Salt	-	26,033	26,033	12,100	82,886	48,395
Pulpwood	130,206	-	130,206	116,544	302,794	267,353
Gasoline	-	2,600	2,600	21,235	12,000	71,278
Fuel oil	89,608	23,218	112,826	105,150	312,819	472,953
Petroleum oils & other petroleum prod.	26,060	15,210	41,270	15,550	125,415	86,316
Iron and steel	19,766	4,197	23,963	59,695	83,859	132,111
Autos, trucks and parts	1,040	15	1,055	286	7,210	2,249
Wood pulp	3,012	-	3,012	1,321	13,206	15,758
Newsprint	37,191	-	37,191	41,058	141,120	152,209
Other manufactured products	43,256	16,877	60,133	51,209	128,870	128,815
All other freight	135,139	97,894	233,033	181,954	1,079,539	1,033,891
TOTAL FREIGHT	814,102	826,083	1,640,185	1,667,402	7,026,631	7,829,597
<u>CANSO CANAL</u>						
Number of vessel passages	69	73	142	169	655	718
Registered net tonnage	26,692	31,301	57,993	41,267	305,806	212,495
Number of passengers	3	-	3	-	13	9
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	2,519	645
Fish	15	1,798	1,813	2,432	5,929	5,893
Coal	-	-	-	-	30	25
Coke	-	-	-	-	-	-
Ores	5,240	4,000	9,240	-	9,240	4,307
Pulpwood	-	3,300	3,300	2,200	15,930	11,628
Gasoline	14,544	4,240	18,784	21,857	109,271	76,008
Petroleum oils and other petroleum prod.	19,692	512	20,204	8,688	111,626	42,873
Iron and steel	-	-	-	1,500	850	3,150
Newsprint	-	-	-	-	-	870
All other freight	682	2,607	3,289	5,517	46,189	86,190
TOTAL	40,173	16,457	56,630	42,194	301,534	201,589