

DOMINION BUREAU OF STATISTICS

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Memorandum

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SUMMARY OF CANAL STATISTICS
AUGUST, 1956

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The volume of freight cleared through the Canadian canals during August totalled 5,545,229 tons, an increase of 1,014,016 tons or 22.4 per cent over the August 1955 total of 4,531,213 tons. Increased traffic was reported by the three major systems, the Sault Ste. Marie, the Welland Ship and the St. Lawrence, as well as three of the smaller canals. Heavier shipments of wheat, barley, bituminous coal and iron ore were mainly responsible for the advance over the previous August. The number of vessel passages rose to 5,164 from 4,423 and the registered net tonnage advanced to 4,892,138 tons from 4,256,575. A total of 22,724 pleasure craft passed through the locks as against 16,755 in August 1954, and the number of passengers carried totalled 55,021 as compared with 85,567.

Sault Ste. Marie Canals - Canadian and United States Locks: While the amount of freight transported through the Canadian lock in August rose to 528,688 tons from 351,030 in August 1955, the total shipped through the combined system decreased to 11,153,286 tons from 17,046,424, a decline of 5,893,138 tons or 34.6 per cent. Eastbound shipments of wheat rose to 780,464 tons from 431,204; barley advanced to 255,676 tons from 101,710 and oats increased to 95,286 tons from 58,490. However, iron ore dropped to 7,617,719 tons from 13,869,972. Westbound shipments of bituminous coal decreased to 1,483,585 tons from 1,586,259. The number of vessel passages declined to 2,754 from 3,596 while the registered net tonnage fell to 8,754,269 from 12,980,724.

Welland Ship Canal: The volume of freight moved through the Welland Ship canal in August amounted to 3,050,436 tons as compared with the August 1955 total of 2,642,669. The advance of 407,767 tons, or 15.4 per cent, was due to heavier traffic in such commodities as wheat, barley, bituminous coal and fuel oil. Wheat shipments totalled 392,058 tons as compared with 319,232 tons a year earlier; barley advanced to 183,512 tons from 78,069; bituminous coal increased to 763,132 tons from 656,190 and fuel oil to 161,913 tons from 101,740. Shipments of gasoline declined to 43,858 tons from 75,903. During the month a total of 1,304 vessels of 2,423,945 net tons passed through the canal as compared with 1,209 vessels of 2,423,945 net tons in August 1955.

St. Lawrence Canals: The total freight transported through the St. Lawrence system during August increased to 1,896,171 tons from 1,477,278 tons in August 1955, a gain of 418,893 tons or 28.4 per cent. Commodities contributing to this increase included: wheat, barley, bituminous coal and iron ore. Shipments of wheat were up by 133,512 tons, advancing to 323,854 tons from 190,342 in the corresponding month last year; barley rose to 183,628 tons from 67,008; bituminous coal increased to 275,139 tons from 206,127 and cargoes of iron ore were up to 371,257 tons from 304,411. Vessel passages numbered 1,664 aggregating 1,353,507 registered net tons as compared with 1,424 vessels of 1,109,625 net tons in August 1955.

Prepared in the Public Finance and Transportation Division.

Transportation and Public Utilities Section.

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SUMMARY OF CANAL STATISTICS

	AUGUST, 1956					Cumulative Tons of freight-1956
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
ALL CANADIAN CANALS	5,164	4,892,138	55,021	22,724	5,545,229	24,666,604
Canso Canal	428	18,095	-	-	5,250	28,978
Murray Canal	53	5,802	227	595	-	-
Ottawa River Canals	214	54,602	-	1,728	48,600	177,300
Richelieu River Canal	120	15,769	158	-	15,247	61,451
Rideau Canal	32	881	130(1)	8,865	2	156
St. Andrew's Canal	55	4,644	45(2)	116	645	3,843
St. Lawrence Canals	1,664	1,353,507	12	253	1,896,171	8,239,149
St. Peter's Canal	81	2,529	14	-	105	742
Sault Ste. Marie Canal	1,182	770,738	54,433	154	528,688	2,097,794
Trent Canal	31	530	-(3)	11,004	85	179
Welland Ship Canal	1,304	2,665,041	2	9	3,050,436	14,057,012

	AUGUST, 1955					Cumulative-1955
ALL CANADIAN CANALS	4,423	4,256,575	85,567	16,755	4,531,213	21,106,355
Canso Canal	-	-	-	-	-	-
Murray Canal	9	3,419	-	546	68	368
Ottawa River Canals	206	50,237	-	1,327	44,250	153,425
Richelieu River Canal	124	13,988	-	-	13,617	54,349
Rideau Canal	39	1,056	151	6,184	58	139
St. Andrew's Canal	60	7,830	181	104	1,308	2,839
St. Lawrence Canals	1,424	1,109,625	7	253	1,477,278	6,845,700
St. Peter's Canal	106	2,452	10	-	912	4,247
Sault Ste. Marie Canals	1,230	643,783	85,189	156	351,030	1,328,553
Trent Canal	16	240	-	8,177	23	76
Welland Ship Canal	1,209	2,423,945	29	8	2,642,669	12,716,659

	August, 1956		August, 1955		Cumulative-1956	Cumulative-1955
	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	591	1,364	610	1,808	6,164	6,857
Registered net tonnage	383,448	4,289,153	279,890	6,525,185	23,800,186	27,702,192
Number of passengers	27,364	27,691	43,491	44,265	55,974	90,008

Commodities (Cargo tons)

Newsprint and wood pulp	29,193	29,193	29,167	29,167	109,496	122,519
Pulpwood	4,824	71,930	30,528	66,928	233,732	327,348
Wheat	174,374	780,464	49,941	431,204	5,619,799	3,909,818
Barley	55,332	255,676	24,213	101,710	1,417,265	1,081,532
Oats	46,076	95,286	18,540	58,490	520,132	403,200
Corn	-	-	-	1,352	1,362	124,562
Rye	-	27,263	3,310	38,507	412,806	209,337
Flaxseed	1,927	35,750	468	25,674	230,368	191,756
Flour	6,358	6,358	11,302	11,302	41,071	43,741
Other grain & mill products	34,289	40,213	24,306	26,973	162,661	112,888
Iron ore	22,078	7,617,719	-	13,869,972	41,725,419	55,118,235
Manufactured iron & steel	16,717	16,717	16,993	48,824	76,122	160,583
Pig iron	-	23,030	7,250	51,797	126,976	170,830
Scrap iron	-	41,935	-	35,260	163,511	158,999
Sand, gravel and stone	20,800	20,800	24,280	24,280	80,600	54,086
Petroleum, crude	-	134,116	2,800	116,371	628,893	283,608
Other petroleum products	2,000	2,000	689	689	16,490	138,392
All other freight	2,523	9,173	6,978	12,834	28,418	31,645
TOTAL FREIGHT	416,491	9,207,623	250,765	14,951,334	51,595,121	62,643,079

- (1) (Exclusive of 7,028 paying passengers on sight seeing pleasure boat cruises.
(Exclusive of 24,125 passengers carried in pleasure craft.
- (2) Exclusive of 379 passengers carried in pleasure craft.
- (3) 43,256 passengers carried in small boats.

One passenger through one lock station recorded as "1".
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

	August, 1956		August, 1955		Cumulative-1956	Cumulative-1955
	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	591	1,390	620	1,788	6,323	6,940
Registered net tonnage	387,290	4,465,116	63,893	6,455,539	24,523,389	28,223,953
Number of passengers	27,069	27,425	41,698	42,491	55,729	87,773
Commodities (Cargo tons)						
Cement	-	15,187	-	24,874	134,496	127,182
Coal, bituminous	30,567	1,483,585	25,253	1,586,259	6,296,969	5,755,022
Coal, anthracite	-	88,259	-	21,388	256,299	178,329
Coke	-	-	-	10,500	14,675	37,917
Iron ore	-	21,872	-	36,848	211,786	99,744
Manufactured iron & steel	424	6,990	82	15,628	115,595	117,241
Salt	6,400	18,377	22	21,816	64,906	45,779
Sand, gravel and stone	2,000	134,210	-	205,980	989,097	1,032,696
Gasoline	3,900	42,423	15,042	57,198	223,002	218,590
Fuel oil	24,684	70,977	24,981	53,361	291,013	224,955
Other petroleum products	5,330	5,330	1,057	1,057	21,889	26,960
Autos, trucks & parts	883	4,713	1,065	7,856	30,196	40,450
All other freight	38,009	53,740	32,763	52,325	249,427	233,017
TOTAL FREIGHT	112,197	1,945,663	100,265	2,095,090	8,899,350	8,137,882
SAULT STE. MARIE CANALS						
TOTAL						
Number of vessel passages	1,182	2,754	1,230	3,596	12,487	13,797
Registered net tonnage	770,738	8,754,269	643,783	12,980,724	48,323,575	55,926,145
Number of passengers	54,433	55,116	85,189	86,756	111,703	177,781
Number of pleasure craft	154	154	156	156	429	527
Tons of freight	528,688	11,153,286	351,030	17,046,424	60,494,471	70,780,961
WELLAND SHIP CANAL						
	August, 1956			August, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
Number of vessel passages	658	646	1,304	1,209	5,677	5,857
Registered net tonnage	1,360,190	1,304,851	2,665,041	2,423,945	12,269,793	11,878,007
Number of passengers	2	-	2	29	107	93
Number of pleasure craft	-	-	9	8	9	42
Commodities (Cargo tons)						
Wheat	-	392,058	392,058	319,232	2,156,628	1,835,431
Corn	-	7,208	7,208	19,145	122,589	108,663
Oats	-	47,266	47,266	34,289	177,050	186,131
Barley	-	183,512	183,512	78,069	796,476	773,361
Rye	-	4,312	4,312	12,489	243,491	145,557
Flaxseed	-	33,548	33,548	24,387	180,858	117,959
Other grain	-	18,894	18,894	3,388	94,612	45,312
Flour	-	480	480	3,205	5,377	8,362
Mill products	-	1,350	1,350	-	10,988	374
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	763,132	763,132	656,190	3,799,350	3,448,095
Coke	-	3,200	3,200	n.a.	12,276	n.a.
Iron ore	340,222	353,661	693,883	681,769	2,799,954	2,459,991
Petroleum, crude	-	135,382	135,382	145,980	722,706	676,108
Sand, gravel and stone	10,777	2,100	12,877	24,181	108,197	99,554
Salt	-	17,601	17,601	n.a.	85,848	n.a.
Pulpwood	80,500	45,849	126,349	85,210	314,575	324,636
Gasoline	19,998	23,860	43,858	75,903	209,951	302,930
Fuel oil	51,871	110,042	161,913	101,740	614,028	539,666
Petroleum oils & other petroleum prod.	44,214	44,552	88,766	47,731	294,343	280,785
Iron and steel	16,132	7,335	23,467	n.a.	66,710	n.a.
Autos, trucks and parts	592	24	616	604	7,381	2,289
Wood pulp	9,436	4,629	14,065	3,966	44,701	28,298
Newsprint	40,388	3,904	44,292	50,127	203,996	223,259
Other manufactured products	22,881	37,964	60,845	n.a.	225,289	n.a.
All other freight	86,928	84,634	171,562	275,064	759,638	1,109,898
TOTAL FREIGHT	723,939	2,326,497	3,050,436	2,642,669	14,057,012	12,716,659



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SUMMARY OF CANAL STATISTICS

	August, 1956			August, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	813	851	1,664	1,424	7,100	6,491
Registered net tonnage	666,658	686,849	1,353,507	1,109,625	6,052,260	5,550,775
Number of passengers	7	5	12	7	26	25
Number of pleasure craft			253	253	631	721
<u>Commodities (Cargo tons)</u>						
Wheat	2,870	320,984	323,854	190,342	1,690,841	1,375,086
Corn	-	12,436	12,436	8,121	98,041	74,516
Oats	-	23,605	23,605	30,680	106,985	110,684
Barley	-	183,628	183,628	67,008	652,753	608,999
Rye	-	1,216	1,216	13,348	158,437	147,597
Flaxseed	-	20,265	20,265	11,143	88,471	83,247
Other grain	-	-	-	2,008	10,367	13,060
Flour	-	-	-	3,456	4,766	7,656
Mill products	-	2,050	2,050	-	13,061	2,351
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	275,139	275,139	206,127	990,341	960,111
Coke	-	3,200	3,200	n.a.	11,037	n.a.
Iron ore	371,257	-	371,257	304,411	1,694,216	877,283
Petroleum, crude	48,855	-	48,855	32,700	198,610	170,140
Sand, gravel and stone	1,130	47,700	48,830	48,455	175,505	172,742
Salt	-	17,233	17,233	n.a.	85,675	n.a.
Pulpwood	107,350	-	107,350	99,322	284,422	246,812
Gasoline	2,800	8,800	11,600	6,682	53,932	49,858
Fuel oil	96,398	7,536	103,934	136,047	538,683	639,118
Petroleum oils & other petroleum prod.	22,450	6,647	29,097	19,585	85,091	73,096
Iron and steel	13,388	1,018	14,406	n.a.	56,650	n.a.
Autos, trucks and parts	822	17	839	325	3,166	1,050
Wood pulp	9,120	1,429	10,549	766	34,984	17,975
Newsprint	20,865	442	21,307	21,624	92,174	99,479
Other manufactured products	43,428	6,042	49,470	n.a.	183,255	n.a.
All other freight	126,336	89,715	216,051	275,128	927,686	1,114,840
TOTAL FREIGHT	867,069	1,029,102	1,896,171	1,477,278	8,239,149	6,845,700
<u>CANSO CANAL</u>						
Number of vessel passages	215	213	428	-	1,998	-
Registered net tonnage	9,248	8,847	18,095	-	109,154	-
Number of passengers	-	-	-	-	-	-
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	462	-
Fish	-	3,026	3,026	-	8,512	-
Coal	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Ores	-	-	-	-	-	-
Pulpwood	-	-	-	-	-	-
Gasoline	550	177	727	-	3,608	-
Petroleum oils and other petroleum prod.	905	-	905	-	4,190	-
Iron and steel	-	-	-	-	-	-
Newsprint	-	-	-	-	-	-
All other freight	460	132	592	-	12,206	-
TOTAL FREIGHT	1,915	3,335	5,250	-	28,978	-