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## DOMINION BUREAU OF STATISTICS

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DOMINION BUREAU  
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AUGUST 1955

The amount of freight transported through the ten Canadian canals during the month of August totalled 4,531,213 tons, an increase of 596,479 tons or 15.2 per cent over the August 1954 total of 3,934,734 tons. Increased traffic was reported by the three major systems, the St. Lawrence, the Welland and the Sault Ste. Marie, as well as the Ottawa River, the St. Peter's, the Murray and the St. Andrew's Canals. Commodities responsible for the overall advance over the previous August include wheat, iron ore and other freight. The number of vessel passages advanced to 4,423 from 3,916 and the registered net tonnage rose to 4,256,575 tons from 3,772,438. The number of passengers carried this August rose to 85,567 from 49,886 while the number of pleasure craft lockages dropped to 16,755 from 17,401.

St. Lawrence Canals: The volume of freight transported through the St. Lawrence system during August amounted to 1,477,278 tons as compared with 1,304,378 tons in August 1954, a gain of 172,900 tons or 13.3 per cent. Although the tonnage of a number of commodities including barley, corn, flaxseed and wheat was lower than in the previous August, an overall increase was reported as the tonnage was higher for such commodities as oats, rye, fuel oil, iron ore and other freight. Oats shipments advanced to 30,680 tons from 18,744; fuel oil rose to 136,047 tons from 105,788; iron ore increased to 304,411 tons from 63,351 and cargoes of other freight totalled 275,128 as against 187,386 in the previous August. Vessel passages numbered 1,424 aggregating 1,109,625 registered net tons as compared with 1,255 vessels of 1,037,085 net tons in the preceding August.

Welland Ship Canal: The total freight shipped through the Welland Ship Canal in August increased to 2,642,669 tons from 2,240,200 in August 1954, an increase of 402,469 tons or 18 per cent. Commodities which contributed to the advance this August include: wheat which totalled 319,232 tons as compared with 216,197 tons one year earlier; gasoline which advanced to 75,903 tons from 44,198; bituminous coal which rose to 656,190 tons from 606,611; iron ore which increased to 681,769 tons from 335,902 and other freight which was up to 275,064 tons from 156,865 the previous August. Decreases were reported for such commodities as barley, corn, flaxseed and pulpwood. A total of 1,209 vessels of 2,423,945 registered net tons were cleared through the system as compared with the August 1954 total of 1,111 vessels of 2,130,935 net tons.

Sault Ste. Marie Canal - Canadian and United States Locks: The amount of freight shipped through the combined system this August rose to 17,046,424 tons from 12,903,734, a gain of 4,142,690 tons or 32.1 per cent due mainly to increased eastbound shipments of iron ore which advanced to 13,869,972 tons from 9,705,969; wheat and barley shipments decreased. Westbound shipments of bituminous coal rose to 1,586,259 tons from 1,406,478 the previous August. The number of vessel passages increased to 3,596 from 2,770 while the registered net tonnage rose to 12,980,724 net tons from 9,794,423

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

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SUMMARY OF CANAL STATISTICS

		August, 1955			August, 1954		
		Up	Down	Total	Up	Down	Total
<b>ST. LAWRENCE CANALS</b>							
Vessel Passages	Number	701	723	1,424	630	625	1,255
Registered Net Tonnage of Vessels	Tons	545,674	563,951	1,109,625	520,561	516,524	1,037,085
Passengers	Number	-	7	7	4	-	4
Pleasure Craft	"			253			226
<b>COMMODITIES</b>							
Wheat	Tons	-	190,342	190,342	-	238,316	238,316
Corn	"	-	8,121	8,121	12,731	50,345	63,076
Oats	"	-	30,680	30,680	-	18,744	18,744
Barley	"	-	67,008	67,008	-	121,321	121,321
Rye	"	-	13,348	13,348	-	2,798	2,798
Flaxseed	"	-	11,143	11,143	-	56,221	56,221
Other grain	"	-	2,008	2,008	-	-	-
Flour	"	-	3,456	3,456	-	2,195	2,195
Mill products	"	-	-	-	-	6,394	6,394
Coal, anthracite	"	-	-	-	-	-	-
Coal, bituminous	"	225	205,902	206,127	13,500	201,611	215,111
Iron ore	"	304,411	-	304,411	63,351	-	63,351
Petroleum, crude	"	32,700	-	32,700	36,250	-	36,250
Sand, gravel, crushed stone	"	1,485	46,970	48,455	1,080	38,300	39,380
Pulpwood	"	99,322	-	99,322	107,735	-	107,735
Gasoline	"	4,082	2,600	6,682	2,540	4,500	7,040
Fuel oil	"	131,347	4,700	136,047	85,271	20,517	105,788
Petroleum oils & other pet. products	"	14,150	5,435	19,585	-	-	-
Autos, trucks and parts	"	250	75	325	-	426	426
Wood pulp	"	766	-	766	2,961	-	2,961
Paper	"	20,772	852	21,624	28,971	914	29,885
All other freight	"	155,393	119,735	275,128	104,152	83,234	187,386
<b>TOTAL FREIGHT</b>	"	<b>764,903</b>	<b>712,375</b>	<b>1,477,278</b>	<b>458,542</b>	<b>845,836</b>	<b>1,304,378</b>
<b>WELLAND SHIP CANAL</b>							
Vessel Passages	Number	607	602	1,209	555	556	1,111
Registered Net Tonnage of Vessels	Tons	1,230,411	1,193,534	2,423,945	1,075,536	1,055,399	2,130,935
Passengers	Number	6	23	29	-	6	6
Pleasure Craft	"			8			12
<b>COMMODITIES</b>							
Wheat	Tons	-	319,232	319,232	-	216,197	216,197
Corn	"	-	19,145	19,145	-	64,385	64,385
Oats	"	-	34,289	34,289	-	34,562	34,562
Barley	"	-	78,069	78,069	-	155,578	155,578
Rye	"	-	12,489	12,489	-	-	-
Flaxseed	"	-	24,387	24,387	-	83,123	83,123
Other grain	"	-	3,388	3,388	-	69,222	69,222
Flour	"	200	3,005	3,205	1,300	2,695	3,995
Mill products	"	-	-	-	-	3,480	3,480
Coal, anthracite	"	-	-	-	-	4,344	4,344
Coal, bituminous	"	-	656,190	656,190	-	606,611	606,611
Iron ore	"	235,743	446,026	681,769	58,043	277,859	335,902
Petroleum, crude	"	-	145,980	145,980	-	104,869	104,869
Sand, gravel, crushed stone	"	21,002	3,179	24,181	10,503	6,789	17,292
Pulpwood	"	68,436	16,774	85,210	72,680	39,030	111,710
Gasoline	"	26,189	49,714	75,903	17,500	26,698	44,198
Fuel oil	"	66,990	34,750	101,740	80,390	82,110	162,500
Petroleum oils & other pet. products	"	30,434	17,297	47,731	-	-	-
Autos, trucks and parts	"	576	28	604	114	65	179
Wood pulp	"	766	3,200	3,966	2,961	2,640	5,601
Paper	"	47,178	2,949	50,127	57,431	2,156	59,587
All other freight	"	113,209	161,855	275,064	72,528	84,337	156,865
<b>TOTAL FREIGHT</b>	"	<b>610,723</b>	<b>2,031,946</b>	<b>2,642,669</b>	<b>373,450</b>	<b>1,866,750</b>	<b>2,240,200</b>

SUMMARY OF CANAL STATISTICS

	August, 1955		August, 1954		
	Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks	
<b>SAULT STE. MARIE CANALS</b>					
<u>EASTBOUND</u>					
Vessel Passages	Number	610	1,808	514	1,384
Registered Net Tonnage of Vessels	Tons	279,890	6,525,185	226,890	4,859,531
Passengers	Number	43,491	44,265	27,176	27,708
<u>COMMODITIES</u>					
Wheat	Tons	49,941	431,204	20,870	626,146
Corn	"	-	1,352	3,164	100,083
Oats	"	18,540	58,490	23,575	74,423
Barley	"	24,213	101,710	51,349	214,506
Rye	"	3,310	38,507	-	-
Flaxseed	"	468	25,674	1,146	96,673
Other grain and mill products	"	24,306	26,973	22,869	24,543
Flour	"	11,302	11,302	8,990	9,990
Iron ore	"	-	13,869,972	-	9,705,969
Sand, gravel, crushed stone	"	24,280	24,280	13,600	13,600
Petroleum, crude	"	2,800	116,371	3,000	69,882
Pulpwood	"	30,528	66,928	37,068	80,016
Paper and wood pulp	"	29,167	29,167	22,660	22,660
All other freight	"	31,910	149,404	14,981	51,089
<b>TOTAL</b>		<b>250,765</b>	<b>14,951,334</b>	<b>223,272</b>	<b>11,089,580</b>
<u>WESTBOUND</u>					
Vessel Passages	Number	620	1,788	518	1,386
Registered Net Tonnage of Vessels	Tons	363,893	6,455,539	300,328	4,934,892
Passengers	Number	41,698	42,491	22,449	23,010
<u>COMMODITIES</u>					
Coal, anthracite	Tons	-	21,388	-	3,117
Coal, bituminous	"	25,253	1,586,259	36,609	1,406,478
Iron ore	"	-	36,848	-	43,680
Sand, gravel, crushed stone	"	-	205,980	-	177,329
Gasoline	"	15,042	57,198	18,230	44,551
Fuel oil	"	24,981	53,361	14,696	19,337
Petroleum oils & other pet. products	"	1,057	1,057	-	-
Autos, trucks and parts	"	1,065	7,856	642	5,258
All other freight	"	32,867	125,143	37,890	114,404
<b>TOTAL</b>		<b>100,265</b>	<b>2,095,090</b>	<b>108,067</b>	<b>1,814,154</b>
<b>TOTAL Vessel passages</b>	<b>Number</b>	<b>1,230</b>	<b>3,596</b>	<b>1,032</b>	<b>2,770</b>
" <b>Registered Net Tonnage of Vessels</b>	<b>Tons</b>	<b>643,783</b>	<b>12,980,724</b>	<b>527,218</b>	<b>9,794,423</b>
" <b>Passengers</b>	<b>Number</b>	<b>85,189</b>	<b>86,756</b>	<b>49,625</b>	<b>50,718</b>
" <b>Pleasure Craft</b>	<b>"</b>	<b>156</b>	<b>156</b>	<b>150</b>	<b>150</b>
" <b>Freight</b>	<b>Tons</b>	<b>351,030</b>	<b>17,046,424</b>	<b>331,339</b>	<b>12,903,734</b>
<u>OTHER CANALS</u>					
	<b>Vessel Passages</b>	<b>Registered Net Tonnage of Vessels</b>	<b>Passengers</b>	<b>Pleasure Craft</b>	<b>Total Freight</b>
August, 1955	<b>No.</b>	<b>Tons</b>	<b>No.</b>	<b>No.</b>	<b>Tons</b>
Ottawa River Canals	206	50,237	-	1,327	44,250
Rideau Canal	39	1,056	151	6,184	58
Richelieu River Canal	124	13,988	-	-	13,617
Trent Canal	16	240	-	8,177	23
Murray Canal	9	3,419	-	546	68
St. Peter's Canal	106	2,452	10	-	912
St. Andrew's Canal	60	7,830	181	104	1,308
All Canadian Canals	4,423	4,256,575	85,567	16,755	4,531,213
August, 1954					
Ottawa River Canals	196	45,247	-	1,566	38,300
Rideau Canal	37	1,021	158	7,022	359
Richelieu River Canal	125	19,320	-	-	19,437
Trent Canal	38	522	-	8,074	41
Murray Canal	13	6,045	-	269	-
St. Peter's Canal	63	965	6	-	-
St. Andrew's Canal	46	4,080	87	82	680
All Canadian Canals	3,916	3,772,438	49,886	17,401	3,934,734

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