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SUMMARY OF CANAL STATISTICS

NOVEMBER 1965

An analysis of November canal data revealed several important changes and developments:

The total tonnage of freight transported through all Canadian canals during November increased 11.3 per cent, to 13,195,056 tons from 11,856,792 tons in November 1964.

The cumulative total of freight moving through all Canadian canals up to the end of November amounted to 96,583,330 tons - an increase of 6.1 per cent from the 91,061,661 tons reported in the corresponding period last year. April - November totals for the two major systems, the St. Lawrence and the Welland, were 42,595,817 tons and 51,551,917 tons, respectively.

During November the total amount of tonnage moved through the St. Lawrence Canals was 6,176,289 tons, an increase of 16.4 per cent over the 5,305,865 tons reported for the same month in 1964. The Welland Canal also reported an increase, rising 7.9 per cent, to 6,667,533 tons from 6,180,921 tons in November of the previous year.

Shipments of wheat through both systems continued on a larger scale. The St. Lawrence Canals reported 1,247,587 tons, and the Welland, 1,268,676 tons. For the same month in 1964, 753,064 tons were moved through the St. Lawrence Canals and 753,061 tons through the Welland.

Iron ore transported through the St. Lawrence Canals was down slightly, to 1,641,144 tons from 1,665,420 tons in the same month of last year. The movement of this commodity through the Welland Canal, however, was down 22.6 per cent, to 1,635,649 tons from 2,113,248 tons.

Iron and steel products continued to move in large tonnages through both the major canal systems. Bars and rods, and structural shapes and sheet piling were down in volume, but plate, sheet, and strip, steel moved in larger quantities, to amount to a greater overall total for these products. The St. Lawrence Canals reported: bars and rods, steel, 43,961 tons (58,785 tons in November 1964); plate, sheet and strip, steel, 226,176 tons (97,163 tons); and structural shapes and sheet piling, 43,386 tons (67,036 tons). The Welland Canal reported: bars and rods, steel, 32,482 tons (45,067 tons); plate, sheet, and strip, steel, 184,980 tons (81,870 tons); and structural shapes and sheet piling, 37,576 tons (47,359 tons).

Soya beans moved in greater volume downbound through both major systems. The St. Lawrence reported 194,113 tons (75,303 tons in November 1964); the Welland reported 251,223 tons (142,648 tons).

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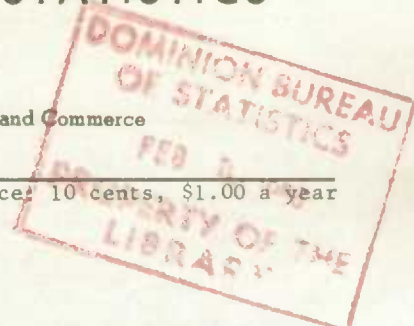


TABLE 1. Vessel Passages, Registered Net Tonnage, and Tonnage of Freight for All Canals

Canal	November 1965			1964	Cumulative	Cumulative
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight	Tonnage of freight	Tonnage of freight 1965	Tonnage of freight 1964
St. Peter's Canal	35	1,069	336	58	481	480
Canso Canal	135	138,294	136,149	224,381	1,005,495	1,245,179
Richelieu River Canals	81	15,388	10,991	10,188	87,741	92,138
St. Lawrence Canals	1,025	4,171,154	6,176,289	5,305,865	42,595,817	38,987,183
Ottawa River Canals	-	-	-	-	615	12,681
Rideau Canal	-	-	-	-	-	-
Murray Canal	7	94	-	-	-	-
Trent Canal	-	-	-	-	13	64
Welland Canal	1,104	5,070,394	6,667,533	6,180,921	51,551,917	49,815,109
Sault Ste. Marie Canal - Can. lock ...	207	397,726	203,758	135,377	1,339,627	905,820
St. Andrew's Canal	-	-	-	2	1,624	3,007
Totals	2,594	9,794,119	13,195,056	11,856,792	96,583,330	91,061,661
Sault Ste. Marie Canal - U.S. locks ..	1,233	..	8,782,926	9,186,562	86,105,062	91,221,467

.. Figures not available.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, November 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand Total
	Bulk	General	Bulk	General			
	tons						
Meat, fresh, chilled or frozen	-	195	-	8,260	-	8,455	8,455
Butter	-	-	-	23	-	23	23
Milk powder	-	-	-	18,932	-	18,932	18,932
Barley	-	-	157,978	-	157,978	-	157,978
Corn	-	-	684,857	-	684,857	-	684,857
Oats	-	-	142,950	-	142,950	-	142,950
Rye	-	-	6,195	-	6,195	-	6,195
Wheat	-	-	1,247,587	-	1,247,587	-	1,247,587
Corn meal and flour	-	-	10,652	-	10,652	-	10,652
Malt and malt flour	-	-	7,774	10	7,774	10	7,784
Wheat flour	-	-	29,933	-	29,933	-	29,933
Cereals milled, n.e.s.	9	-	6,097	1,219	6,106	1,219	7,325
Dried and dehydrated fruits	-	22	-	117	-	139	139
Fruits and preparations, canned (except infant foods)	-	4,898	-	3,868	-	8,766	8,766
Vegetables, dried	40	-	33,167	-	33,207	-	33,207
Raw sugar	27,320	-	-	-	27,320	-	27,320
Molasses, crude	-	-	-	-	-	-	-
Sugar preparations (including confectionery)	-	599	-	73	-	672	672
Lard	-	14	7,936	3,047	7,936	3,061	10,997
Miscellaneous foods, food materials and food preparations, n.e.s.	-	921	-	2,283	-	3,204	3,204
Hulls, screenings, chaff and scourings	-	-	18,313	-	18,313	-	18,313
Ground cereals and by-products, n.e.s.	-	120	1,112	-	1,112	120	1,232
Soyabean oil meal and cake	-	-	113,682	-	113,682	-	113,682
Oil seed meals and cake, n.e.s.	-	-	26,432	1,540	26,432	1,540	27,972
Feeds of vegetable origin, n.e.s.	7	6	59,049	1,069	59,056	1,075	60,131
Ale, beer, stout and porter	-	1,068	-	9	-	1,077	1,077
Wines	-	4,190	-	51	-	4,241	4,241
Distilled alcoholic beverages	-	6,268	-	241	-	6,509	6,509
Raw hides and skins and undressed fur skins	-	444	-	14,096	-	14,540	14,540
Flaxseed	-	-	99,751	2,204	99,751	2,204	101,955
Soya beans	-	-	194,113	-	194,113	-	194,113
Rubber and allied gums, natural, and natural gums and resins	-	20,844	-	-	-	20,844	20,844
Logs	-	61	6,177	108	6,177	169	6,346
Pulpwood	11,342	-	-	-	11,342	-	11,342
Alumina and bauxite ore	-	-	-	-	-	-	-
Iron ore, crude, and concentrates, calcined, roasted or treated	1,641,144	-	-	-	1,641,144	-	1,641,144
Manganese ore	33,143	-	-	103	33,143	103	33,246
Ores, concentrates and precipitates, n.e.s.	-	-	-	-	-	-	-

See note at end of table.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, November 1965 - Concluded

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
tons							
Iron and steel scrap	23	-	49,732	-	49,755	-	49,755
Non-ferrous and precious metal scrap ..	-	248	-	2,407	-	2,655	2,655
Slags, drosses and other by-products ..	-	-	5,331	1,000	5,331	1,000	6,331
Coal, bituminous, sub-bituminous, and lignite	64,936	-	59,238	-	124,174	-	124,174
Crude petroleum, petroleum tops and natural gasoline	-	-	-	-	-	-	-
Bentonite	-	-	17,099	-	17,099	-	17,099
China clay	2,414	-	-	-	2,414	-	2,414
Clay and other crude refractory materials, n.e.s.	-	100	8,425	195	8,425	295	8,720
Fluorspar	11,296	-	-	-	11,296	-	11,296
Gypsum	5,822	-	-	28	5,822	28	5,850
Phosphate rock	-	-	-	-	-	-	-
Salt	-	-	42,005	67	42,005	67	42,072
Sulphur in ores, crude and refined (except pharmaceutical grade)	-	-	-	-	-	-	-
Crude non-metallic minerals (except coal and petroleum), n.e.s.	1,380	37	1,040	278	2,420	315	2,735
Veneer, plywood and wood building boards	-	2,917	-	196	-	3,113	3,113
Pulp	22,101	-	2,675	-	24,776	-	24,776
Newsprint paper	-	57,263	-	3,872	-	61,135	61,135
Cordage, twine and rope (except braided cords and threads)	-	4,803	-	-	-	4,803	4,803
Animal oils and fats (except marine) ..	-	23	21,974	199	21,974	222	22,196
Soyabean oil	-	10	1,233	-	1,233	10	1,243
Vegetable oils and fats, (except essential oils), n.e.s.	5,579	39	333	316	5,912	355	6,267
Metallic salts and peroxysalts, of inorganic acids	-	25	-	435	-	460	460
Inorganic chemicals, n.e.s.	174	1,980	11,331	4,243	11,505	6,223	17,728
Organic chemicals, n.e.s.	8,209	886	2,319	1,610	10,528	2,496	13,024
Fertilizers and fertilizer materials, n.e.s.	-	11	-	15	-	26	26
Synthetic rubber (including rubber compounds and reclaimed rubber)	-	663	2,823	8,864	2,823	9,527	12,350
Chemical specialties, industrial, n.e.s.	5,574	2,834	2,617	2,688	8,191	5,522	13,713
Gasoline	24,570	-	-	-	24,570	-	24,570
Fuel oil	246,558	113	9,885	20	256,443	133	256,576
Lubricating oils and greases	32,973	20	-	993	32,973	1,013	33,986
Coke of petroleum and coal	480	-	12,056	-	12,536	-	12,536
Coal tar and coal pitch	-	-	5,961	52	5,961	52	6,013
Petroleum and coal products, n.e.s.	-	1	9,462	267	9,462	268	9,730
Ferro-alloys	3,975	57	-	-	3,975	57	4,032
Pig iron	58,018	-	-	-	58,018	-	58,018
Bars and rods, steel	-	42,422	-	1,539	-	43,961	43,961
Plata, sheet and strip, steel	21,610	197,200	-	7,366	21,610	204,566	226,176
Structural shapes and sheet piling ...	-	42,935	-	451	-	43,386	43,386
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	7,731	-	215	-	7,946	7,946
Wire (including wire rope)	-	11,419	-	167	-	11,586	11,586
Aluminum (including alloys)	-	4,776	-	510	-	5,286	5,286
Metal fabricated basic products	-	12,819	-	1,396	-	14,215	14,215
Glass basic products	-	5,930	-	275	-	6,205	6,205
Cement	456	-	-	-	456	-	456
Non-metallic mineral basic products, n.e.s.	-	5,091	298	4,471	298	9,562	9,860
Machinery, n.e.s.	220	7,526	-	10,255	220	17,781	18,001
Passenger automobiles and chassis	-	9,395	-	8,422	-	17,817	17,817
Trucks, truck chassis and truck tractors, commercial	-	244	-	1,135	-	1,379	1,379
Motor vehicles engines, accessories, parts and assemblies	-	1,472	-	4,751	-	6,223	6,223
Miscellaneous end products, inedible, n.e.s.	2,432	8,577	-	3,523	2,432	12,100	14,532
Domestic package freight	37,778	-	59,135	-	96,913	-	96,913
Other	14,889	32,189	47,031	35,179	61,920	67,368	129,288
Total freight carried	2,284,472	501,406	3,225,758	164,653	5,510,230	666,059	6,176,289

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.
 (2) Includes tons of non-toll traffic using only the Lachine canal.

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, by Direction, and by Type of Cargo, November 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Meat, fresh, chilled or frozen	-	-	-	7,101	-	7,101	7,101
Butter	-	-	-	-	-	-	-
Milk powder	-	-	-	18,507	-	18,507	18,507
Barley	-	-	188,126	-	188,126	-	188,126
Corn	-	-	725,354	-	725,354	-	725,354
Oats	-	-	149,775	-	149,775	-	149,775
Rye	-	-	6,195	-	6,195	-	6,195
Wheat	-	-	1,268,676	-	1,268,676	-	1,268,676
Corn meal and flour	-	-	10,652	-	10,652	-	10,652
Malt and malt flour	-	-	7,774	-	7,774	-	7,774
Wheat flour	-	-	29,933	-	29,933	-	29,933
Cereals milled, n.e.s.	9	-	6,097	1,217	6,106	1,217	7,323
Dried and dehydrated fruits	-	-	-	-	-	-	-
Fruits and preparations, canned (except infant foods)	-	1,841	-	3,365	-	5,206	5,206
Vegetables, dried	9	-	24,219	-	24,228	-	24,228
Raw sugar	-	-	-	-	-	-	-
Molasses, crude	2,218	-	-	-	2,218	-	2,218
Syrup	2,617	-	-	-	2,617	-	2,617
Lard	-	-	7,936	3,047	7,936	3,047	10,983
Hulls, screenings, chaff and scourings	-	-	18,313	-	18,313	-	18,313
Ground cereals and by-products, n.e.s.	-	120	123	-	123	120	243
Soyabean oil meal and cake	-	-	77,403	-	77,403	-	77,403
Oil seed meals and cake, n.e.s.	-	-	26,011	1,540	26,011	1,540	27,551
Feeds of vegetable origin, n.e.s.	-	-	59,049	1,069	59,049	1,069	60,118
Ale, beer, stout and porter	-	987	-	9	-	996	996
Wines	-	3,350	-	46	-	3,396	3,396
Distilled alcoholic beverages	-	5,446	-	189	-	5,635	5,635
Raw hides and skins and undressed fur skins	-	200	-	10,016	-	10,216	10,216
Flaxseed	-	-	104,089	2,204	104,089	2,204	106,293
Soya beans	-	-	251,223	-	251,223	-	251,223
Rubber and allied gums, natural, and natural gums and resins	-	17,092	-	-	-	17,092	17,092
Logs	-	-	5,192	48	5,192	48	5,240
Pulpwood	11,342	-	-	-	11,342	-	11,342
Alumina and bauxite ore	-	-	-	-	-	-	-
Iron ore, crude, and concentrates, calcined, roasted or treated	1,486,233	-	149,416	-	1,635,649	-	1,635,649
Manganese ore	32,406	-	-	-	32,406	-	32,406
Ores, concentrates and precipitates, n.e.s.	-	-	-	103	-	103	103
Iron and steel scrap	23	-	42,267	-	42,290	-	42,290
Coal, bituminous, sub-bituminous, and lignite	-	-	703,418	-	703,418	-	703,418
Bentonite	-	-	17,099	-	17,099	-	17,099
Dolomite	-	-	-	-	-	-	-
Clay and other crude refractory materials, n.e.s.	-	-	14,269	191	14,269	191	14,460
Sand and gravel	5,491	-	17,805	-	23,296	-	23,296
Limestone	16,598	-	-	-	16,598	-	16,598
Crushed stone, including stone refuse (except limestone flux and crushed limestone)	50,464	-	-	-	50,464	-	50,464
Fluorspar	6,528	-	-	-	6,528	-	6,528
Gypsum	-	-	-	28	-	28	28
Salt	-	-	82,934	25	82,934	25	82,959
Sulphur in ores, crude and refined (except pharmaceutical grade)	-	-	-	-	-	-	-
Crude non-metallic minerals (except coal and petroleum), n.e.s.	1,329	4	976	192	2,305	196	2,501
Veneer, plywood and wood building boards	-	1,378	-	117	-	1,495	1,495
Pulp	20,004	-	2,675	-	22,679	-	22,679
Newsprint paper	-	68,651	-	3,872	-	72,523	72,523
Cordage, twine and rope (except braided cords and threads)	-	3,920	-	-	-	3,920	3,920
Animal oils and fats (except marine) ..	-	23	21,083	33	21,083	56	21,139
Vegetable oils and fats, except essential oils, n.e.s.	3,084	17	333	316	3,417	333	3,750
Metallic salts and peroxysalts, of inorganic acids	-	-	-	9	-	9	9
Inorganic chemicals, n.e.s.	-	252	22,624	2,839	22,624	3,091	25,715
Organic chemicals, n.e.s.	8,167	675	2,319	1,190	10,486	1,865	12,351

See note at end of table.

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, by Direction, and by Type of Cargo, November 1965 - Concluded

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Synthetic rubber (including rubber compounds and reclaimed rubber	-	12	2,823	8,561	2,823	8,573	11,396
Chemical specialties, industrial, n.e.s.	10,001	1,016	7,570	2,019	17,571	3,035	20,606
Gasoline	25,483	-	7,217	-	32,700	-	32,700
Fuel oil	57,384	-	20,145	20	77,529	20	77,549
Lubricating oils and greases	35,423	3	-	964	35,423	967	36,390
Coke of petroleum and coal	480	-	12,056	-	12,536	-	12,536
Coal tar and coal pitch	-	-	8,399	52	8,399	52	8,451
Petroleum and coal products, n.e.s.	-	-	5,226	242	5,226	242	5,468
Ferro-alloys	3,960	44	-	-	3,960	44	4,004
Pig iron	54,050	-	-	-	54,050	-	54,050
Bars and rods, steel	-	31,595	-	887	-	32,482	32,482
Plate, sheet and strip, steel	9,534	171,549	-	3,897	9,534	175,446	184,980
Structural shapes and sheet piling	-	37,550	-	26	-	37,576	37,576
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	4,390	-	142	-	4,532	4,532
Wire (including wire rope)	-	8,962	-	43	-	9,005	9,005
Aluminum (including alloys)	-	4,208	-	205	-	4,413	4,413
Metal fabricated basic products	-	8,946	-	1,023	-	9,969	9,969
Glass basic products	-	3,726	-	273	-	3,999	3,999
Cement	2,788	-	8,310	-	11,098	-	11,098
Non-metallic mineral basic products, n.e.s.	-	2,642	298	4,007	298	6,649	6,947
Machinery, n.e.s.	120	2,734	-	9,383	120	12,117	12,237
Passenger automobiles and chassis	-	6,104	-	8,094	-	14,198	14,198
Trucks, truck chassis and truck tractors, commercial	-	78	-	1,135	-	1,213	1,213
Motor vehicle engines, accessories, parts and assemblies	-	1,010	-	4,477	-	5,487	5,487
Miscellaneous end products, inedible, n.e.s.	476	1,914	-	2,553	476	4,467	4,943
Domestic package freight	34,418	-	31,575	-	65,993	-	65,993
Other freight	49,024	14,965	52,563	27,650	101,587	42,615	144,202
Total freight carried	1,929,663	405,404	4,199,540	132,926	6,129,203	538,330	6,667,533

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.

TABLE 4. Tonnage of Freight Transported through the Sault Ste. Marie Canals, by Commodity and by Direction, November 1965

Commodity	Upbound(1)		Downbound(1)		Total	
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks
	tons					
Paper and woodpulp	-	-	15,259	24,342	15,259	24,342
Pulpwood, lumber and logs	950	950	-	-	950	950
Wheat	-	-	25,095	1,520,171	25,095	1,520,171
Barley	-	-	10,393	253,886	10,393	253,886
Oats	-	-	5,473	208,755	5,473	208,755
Corn	-	-	-	56,182	-	56,182
Rye	-	-	-	25,915	-	25,915
Flaxseed	-	-	-	128,037	-	128,037
Soya beans	-	-	-	24,232	-	24,232
Flour	-	-	-	4,600	-	4,600
Mill products, screenings	-	-	12,803	137,138	12,803	137,138
Iron ore	-	-	-	4,949,274	-	4,949,274
Manufactured iron and steel	3,187	34,077	20,561	44,933	23,748	79,010
Pig iron	147	147	-	-	147	147
Scrap iron	-	-	-	-	-	-
Stone, broken, sand and gravel	-	134,020	1,800	1,800	1,800	135,820
Cement	-	39,866	-	-	-	39,866
Coal, bituminous	-	1,009,919	-	-	-	1,009,919
Coal, anthracite	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	35,363	-	-	-	35,363
Gasoline	5,616	33,284	-	12,467	5,616	45,751
Fuel oil	8,982	111,164	-	2,662	8,982	113,826
Other petroleum products	-	-	3,294	3,294	3,294	3,294
Motor vehicles	-	-	-	-	-	-
Miscellaneous merchandise	11,442	56,899	10,428	64,979	21,870	121,878
Domestic package freight	40,429	40,429	27,899	27,899	68,328	68,328
Total freight carried	70,753	1,496,118	133,005	7,490,566	203,758	8,986,684

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.



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