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SUMMARY OF CANAL STATISTICS

APRIL 1966

Changes in presentation

Commencing with this issue, the following changes will be evident in the presentation of monthly canal statistics:

(1) Data pertaining to the St. Peter's Canal, the Richelieu River Canals, the Ottawa River Canals, the Rideau Canal, the Murray Canal, the Trent Canal, and the St. Andrew's Canal have been aggregated, as it is felt that the volume of traffic moving through these canals does not warrant an individual breakdown.

(2) The commodity tables for the Welland and St. Lawrence Canals will no longer distinguish cargo as either bulk or general. In their place, cumulative totals for the current year as well as monthly and cumulative figures for the previous year will be published to facilitate comparison. The list of commodities published has been changed to include all types of commodities with annual shipments through a canal system exceeding 10,000 tons.

Analysis of data

The opening dates for the three major canals in 1966 were as follows: St. Lawrence Canals, April 15 (April 8 in 1965); Welland Canal, April 4 (April 1); and the Canadian lock of the Sault Ste. Marie Canal, April 4 (April 7).

The total tonnage of freight transported through all Canadian canals during April increased 61.6 per cent to 9,820,946 tons from the 6,078,799 tons reported last year when adverse ice conditions and a major decline in wheat shipments resulted in a slow start to the canal navigation season.

The total traffic recorded through the St. Lawrence Canals increased 1,418,747 tons or 48.7 per cent this month to 4,329,194 tons. Similarly the Welland Canal reported an increase, rising 2,133,113 tons or 67.8 per cent to 5,278,127 tons.

Iron ore was the commodity carried in greatest volume through both the Welland and St. Lawrence Canals, totalling 1,474,919 tons and 1,436,571 tons respectively, compared to 1,113,051 tons and 1,012,638 tons in April 1965.

Shipments of wheat substantially exceeded the quantities transported in April 1965. Tonnages through the Welland and St. Lawrence Canals rose 1,028,352 tons and 605,422 tons this month to a total of 1,354,295 tons and 1,293,937 tons respectively.

Tonnage moved through the Sault Ste. Marie Canals expanded considerably to 7,453,090 tons this month from 2,952,429 tons last year. Of this increase, iron ore accounted for 2,654,987 tons, wheat 1,096,042 tons, and bituminous coal, 173,973 tons.

Governments and Transportation Division
Transportation and Public Utilities Section

June 1966
8504-517

DOMINION BUREAU
OF STATISTICS

MAY 1966

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

Canal	April 1966			Tonnage of freight April 1965	Cumulative tonnage of freight	
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight		1966	1965
Canso Canal	111	104,024	112,395	-		
St. Lawrence Canals	679	2,838,209	4,329,194	2,910,447		
Welland Canal	843	4,059,125	5,278,127	3,145,014		
Sault Ste. Marie Canal - Can. lock ...	125	276,415	100,394	21,848		
All other canals	59	1,643	836	1,490		
Totals	1,817	7,279,416	9,820,946	6,078,799		
Sault Ste. Marie Canal - U.S. locks ..	552	..	7,352,696	2,930,581		

.. Figures not available.

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
	tons					
Meat, fresh, chilled or frozen	1,088	212	1,300	23		
Milk powder	4	29	33	1,230		
Barley	-	147,271	147,271	18,175		
Corn	-	297,849	297,849	167,593		
Oats	-	54,524	54,524	9,567		
Rye	-	20,654	20,654	1,909		
Wheat	-	1,293,937	1,293,937	688,515		
Cereals, unmilled, n.e.s.	2	-	2	17		
Corn meal and flour	-	-	-	12		
Malt and malt flour	-	-	-	12,512		
Wheat flour	-	1,999	1,999	8,549		
Cereals, milled, n.e.s.	3	-	3	17		
Fruit juices, unfermented, not concentrated, and fruit juice concentrates	942	-	942	488		
Fruits, preserved, not canned, n.e.s.	1,299	70	1,369	4,839		
Fruits and preparations, canned (except infant foods)	1,495	-	1,495	881		
Vegetables, dried	41	4,375	4,416	784		
Vegetables and vegetable preparations, n.e.s.	1,769	168	1,937	1,264		
Raw sugar	6,945	-	6,945	7,713		
Molasses, crude	7,221	-	7,221	11,198		
Cocoa and chocolate	-	39	39	241		
Lard	-	546	546	61		
Miscellaneous foods, food materials and food preparations, n.e.s.	922	291	1,213	524		
Hay, forage and straw	-	-	-	-		
Hulls, screenings, chaff and scourings	6	9,286	9,292	-		
Wheat bran, shorts and middlings	-	-	-	-		
Ground cereals and by-products, n.e.s.	-	-	-	-		
Soyabean oil meal and cake, n.e.s.	-	9,233	9,233	5,120		
Oil seed meals and cake, n.e.s.	-	-	-	266		
Brewers' and distillers' grains and solubles	-	-	-	-		
Feeds of vegetable origin, n.e.s.	124	-	124	-		
Ale, beer, stout and porter	1,158	7	1,165	1,304		
Wines	4,872	-	4,872	2,859		
Distilled alcoholic beverages	7,211	107	7,318	6,511		
Raw hides and skins and undressed fur skins	424	1,167	1,591	673		
Flaxseed	-	32,702	32,702	13,424		
Rapeseed	-	-	-	8		
Soyabeans	-	101,016	101,016	97,519		

PROPERTY OF THE LIBRARY

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
Tons						
Rubber and allied gums, natural, and natural gums and resins	-	-	-	70		
Logs	-	577	577	567		
Pulpwood	5,050	629	5,679	826		
Alumina and bauxite ore	6,770	-	6,770	-		
Iron ore, crude, and concentrates, calcined, roasted or treated	1,436,571	-	1,436,571	1,012,638		
Manganese ore	8,169	-	8,169	-		
Ores, concentrates and precipitates, n.e.s.	-	12	12	15,546		
Iron and steel scrap	-	-	-	8,999		
Non-ferrous and precious metal scrap	148	4,799	4,947	977		
Slags, drosses and other by-products	6	-	6	-		
Coal, bituminous, sub-bituminous, and lignite	62,097	23,786	85,883	34,567		
Crude petroleum, petroleum tops and natural gasoline	-	-	-	5,897		
Bentonite	-	-	-	-		
China clay	4,505	-	4,505	5,949		
Clay and other crude refractory materials, n.e.s.	830	11,529	12,359	4,860		
Sand and gravel	-	-	-	-		
Fluorspar	5,747	-	5,747	11,888		
Gypsum	-	-	-	8,345		
Salt	-	24,260	24,260	21,734		
Crude non-metallic minerals (except coal and petroleum), n.e.s.	617	720	1,337	740		
Lumber and timber	82	69	151	-		
Veneer, plywood and wood building boards	2,977	20	2,997	3,745		
Pulp	2,880	-	2,880	3,837		
Newsprint paper	60,543	-	60,543	45,674		
Building paper and building board (except wood, plastic and gypsum board)	881	-	881	1,192		
Cordage, twine and rope (except braided cords and threads)	11,404	-	11,404	9,655		
Animal oils and fats (except marine)	33	346	379	1,378		
Fish and marine animal oils	70	-	70	117		
Soyabean oil	-	299	299	4,052		
Vegetable oils and fats, except essential oils, n.e.s.	6,721	-	6,721	2,355		
Oils, fats, waxes, extracts and derivatives, animal and vegetable, n.e.s.	29	-	29	179		
Metallic salts and peroxy salts, of inorganic acids	944	45	989	4,286		
Inorganic chemicals, n.e.s.	481	5,277	5,758	1,874		
Glycol	-	4,777	4,777	186		
Organic chemicals, n.e.s.	5,203	4,991	10,194	1,906		
Fertilizers and fertilizer materials, n.e.s.	17	-	17	109		
Synthetic rubber (including rubber compounds and reclaimed rubber)	534	4,016	4,550	74		
Plastic materials, not shaped, and plastics basic shapes and forms	363	1,563	1,926	96		
Chemical specialties, industrial, n.e.s.	972	739	1,711	1,813		
Gasoline	11,630	-	11,630	1,955		
Fuel oil	116,552	3,694	120,246	126,139		
Lubricating oils and greases	20,248	322	20,570	3,533		
Coke of petroleum and coal	-	15,114	15,114	23,260		
Coal tar and coal pitch	-	-	-	5,596		
Petroleum and coal products, n.e.s.	19	10,431	10,450	16,894		
Ferro-alloys	2,343	29	2,372	18,085		
Pig iron	34,006	-	34,006	26,607		
Primary iron and steel, n.e.s.	36,219	-	36,219	1,126		
Bars and rods, steel	26,146	1,036	27,182	32,669		
Plate, sheet and strip, steel	89,186	2,368	91,554	159,622		
Structural shapes and sheet piling	55,778	3	55,781	92,344		

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
tons						
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	3,902	52	3,954	4,871		
Wire (including wire rope)	12,312	23	12,335	11,721		
Aluminum (including alloys)	2,121	-	2,121	3,163		
Non-ferrous metals, n.e.s.	990	15	1,005	493		
Metal fabricated basic products	14,460	225	14,685	16,313		
Glass basic products	5,498	29	5,527	6,674		
Cement	23	-	23	47		
Non-metallic mineral basic products, n.e.s.	3,432	57	3,489	1,310		
Miscellaneous fabricated materials ...	387	-	387	1,691		
Tractors	4,408	629	5,037	-		
Machinery, n.e.s.	7,035	504	7,539	8,866		
Passenger automobiles and chassis ...	5,214	331	5,545	3,079		
Motor vehicle engines, accessories, parts and assemblies	1,672	157	1,829	1,482		
Equipment	832	264	1,096	422		
Personal and household goods	3,667	85	3,752	1,280		
Domestic package freight	24,817	37,957	62,774	37,026		
Other	28,812	20,054	48,866	24,252		
Total freight carried	2,171,879	2,157,315	4,329,194	2,910,447		

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
tons						
Meat, fresh, chilled or frozen	787	112	899	-		
Milk powder	-	-	-	1,230		
Barley	-	159,117	159,117	9,116		
Corn	-	313,444	313,444	174,635		
Oats	-	58,100	58,100	5,098		
Rye	-	31,991	31,991	1,909		
Wheat	-	1,354,295	1,354,295	325,943		
Cereals, unmilled, n.e.s.	-	-	-	-		
Corn meal and flour	-	-	-	12		
Malt and malt flour	-	12,599	12,599	9,628		
Wheat flour	-	1,999	1,999	8,549		
Cereals, milled, n.e.s.	-	-	-	-		
Fruit juices, unfermented, not concentrated, and fruit juice concentrates	632	-	632	234		
Fruits, preserved, not canned, n.e.s.	329	-	329	3,343		
Fruits and preparations, canned (except infant foods)	867	-	867	571		
Vegetables, dried	-	3,815	3,815	765		
Raw sugar	4,819	-	4,819	4,622		
Molasses, crude	-	-	-	11,198		
Syrup	-	-	-	-		
Cocoa and chocolate	913	-	913	75		
Lard	-	546	546	-		
Hay, forage and straw	-	-	-	-		
Hulls, screenings, chaff and scourings	6	9,286	9,292	-		
Wheat bran, shorts and middlings	-	-	-	-		
Ground cereals and by-products, n.e.s.	-	-	-	-		
Soyabean oil meal and cake	-	3,901	3,901	4,663		
Oil seed meals and cake, n.e.s.	-	-	-	-		

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
	tons					
Brewers' and distillers' grains and solubles	-	-	-	-	-	-
Feeds of vegetable origin, n.e.s.	120	-	120	-	-	-
Ale, beer, stout and porter	954	2	956	1,249	-	-
Wines	3,839	-	3,839	2,491	-	-
Distilled alcoholic beverages ..	6,207	107	6,314	5,420	-	-
Raw hides and skins and undressed fur skins	392	-	392	461	-	-
Flaxseed	-	35,674	35,674	12,882	-	-
Rapeseed	-	-	-	-	-	-
Soyabeans	-	130,397	130,397	101,389	-	-
Rubber and allied gums, natural, and natural gums and resins	-	-	-	-	-	-
Logs	-	177	177	567	-	-
Pulpwood	4,800	189	4,989	826	-	-
Alumina and bauxite ore	6,770	-	6,770	-	-	-
Iron ore, crude, and concentrates, calcined, roasted or treated	1,262,533	212,386	1,474,919	1,113,051	-	-
Manganese ore	8,169	-	8,169	-	-	-
Ores, concentrates and precipitates, n.e.s.	-	12	12	-	-	-
Iron and steel scrap	148	-	148	-	-	-
Non-ferrous and precious metal scrap ..	-	-	-	977	-	-
Coal, bituminous, sub-bituminous, and lignite	-	756,656	756,656	574,645	-	-
Bentonite	-	-	-	-	-	-
China clay	2,640	-	2,640	2,600	-	-
Clay and other crude refractory materials, n.e.s.	222	23,142	23,364	6,001	-	-
Sand and gravel	14,970	20,126	35,096	18,683	-	-
Limestone	-	-	-	6,004	-	-
Crushed stone, including stone refuse (except limestone flux and crushed limestone)	169,317	-	169,317	72,939	-	-
Stone, crude, n.e.s.	9,676	-	9,676	191	-	-
Fluorspar	5,747	-	5,747	11,888	-	-
Salt	-	34,460	34,460	-	-	-
Crude non-metallic minerals (except coal and petroleum), n.e.s.	487	4,878	5,365	685	-	-
Veneer, plywood and wood building boards	2,308	1	2,309	1,681	-	-
Pulp	2,880	-	2,880	3,837	-	-
Newsprint paper	68,040	-	68,040	58,254	-	-
Building paper and building board (except wood, plastic and gypsum board)	334	-	334	856	-	-
Cordage, twine and rope (except braided cords and threads)	11,402	-	11,402	9,635	-	-
Animal oils and fats (except marine) ..	14	-	14	193	-	-
Fish and marine animal oils	59	-	59	-	-	-
Vegetable oils and fats, except essential oils, n.e.s.	2,045	-	2,045	281	-	-
Oils, fats, waxes, extracts and derivatives, animal and vegetable, n.e.s.	-	-	-	115	-	-
Metallic salts and peroxy salts, of inorganic acids	259	11	270	6,300	-	-
Inorganic chemicals, n.e.s.	149	3,643	3,792	545	-	-
Glycol	-	-	-	2,973	-	-
Organic chemicals, n.e.s.	7,493	4,603	12,096	3,636	-	-
Fertilizers and fertilizer materials, n.e.s.	17	-	17	71	-	-
Synthetic rubber (including rubber compounds and reclaimed rubber)	11	3,889	3,900	-	-	-
Plastic materials, not shaped, and plastics basic shapes and forms	112	1,503	1,615	16	-	-
Chemical specialties, industrial, n.e.s.	530	682	1,212	4,193	-	-
Gasoline	20,314	6,947	27,261	21,313	-	-
Fuel oil	32,070	24,295	56,365	58,335	-	-

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

Commodity	April 1966			Total April 1965	Cumulative total	
	Upbound	Downbound	Total		1966	1965
	tons					
Lubricating oils and greases	14,799	318	15,117	6,879		
Coke of petroleum and coal	-	15,114	15,114	23,260		
Coal tar and coal pitch	3,025	3,022	6,047	8,033		
Petroleum and coal products, n.e.s. . .	2,308	8,680	10,988	15,000		
Ferro-alloys	2,272	-	2,272	18,062		
Pig iron	34,006	-	34,006	26,607		
Primary iron and steel, n.e.s.	41,671	6,808	48,479	1,126		
Bars and rods, steel	22,524	-	22,524	29,652		
Plate, sheet and strip, steel	86,847	184	87,031	133,095		
Structural shapes and sheet piling ...	38,346	3	38,349	78,838		
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	2,087	8	2,095	3,620		
Wire (including wire rope)	10,490	23	10,513	10,286		
Aluminum (including alloys)	1,724	-	1,724	3,003		
Non-ferrous metals, n.e.s.	952	10	962	394		
Metal fabricated basic products	11,264	60	11,324	13,942		
Glass basic products	4,146	-	4,146	4,965		
Cement	3,758	9,314	13,072	23,484		
Non-metallic mineral basic products, n.e.s.	2,205	12	2,217	1,083		
Tractors	3,296	607	3,903	-		
Machinery, n.e.s.	3,867	230	4,097	5,400		
Passenger automobiles and chassis ...	1,832	298	2,130	1,476		
Motor vehicle engines, accessories, parts and assemblies	1,328	135	1,463	958		
Equipment	409	94	503	289		
Domestic package freight	34,765	12,707	47,472	21,533		
Other	19,779	6,434	26,213	47,255		
Total freight carried	2,001,081	3,277,046	5,278,127	3,145,014		

TABLE 4. Tonnage of Freight Transported through the Sault Ste. Marie Canals, by Commodity and by Direction
April 1966

Commodity	Upbound		Downbound		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	-	-	19,838	24,227	19,838	24,227
Pulpwood, lumber and logs	-	-	-	-	-	-
Wheat	-	772	1,038	1,587,353	1,038	1,588,125
Barley	-	-	7,351	157,879	7,351	157,879
Oats	-	-	8,452	85,948	8,452	85,948
Corn	-	-	-	80,801	-	80,801
Rye	-	-	2,273	65,029	2,273	65,029
Flaxseed	-	-	-	35,367	-	35,367
Soyabeans	-	-	-	12,586	-	12,586
Flour	-	-	-	2,156	-	2,156
Mill products, screenings	-	-	2,370	27,639	2,370	27,639
Iron ore	-	-	-	4,541,725	-	4,541,725
Manufactured iron and steel	4,321	31,584	8,959	31,628	13,280	63,212
Pig iron	-	-	-	1,023	-	1,023
Scrap iron	-	-	-	-	-	-
Stone, broken, sand and gravel	-	144,112	-	-	-	144,112
Cement	-	13,410	-	-	-	13,410
Coal, bituminous	-	423,902	-	-	-	423,902
Coal, anthracite	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	29,011	-	-	-	29,011
Gasoline	1,149	18,018	-	4,130	1,149	22,148
Fuel oil	8,293	52,838	-	5,027	8,293	57,865
Other petroleum products	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-
Miscellaneous merchandise	8,649	45,293	5,139	9,070	13,788	54,363
Domestic package freight	14,576	14,576	7,986	7,986	22,562	22,562
Total freight carried	36,988	773,516	63,406	6,679,574	100,394	7,453,090



Date	Description	Amount
1/1/2020	Initial deposit	1000.00
2/1/2020	Withdrawal	500.00
3/1/2020	Interest	10.00
4/1/2020	Deposit	200.00
5/1/2020	Withdrawal	100.00
6/1/2020	Interest	15.00
7/1/2020	Deposit	300.00
8/1/2020	Withdrawal	150.00
9/1/2020	Interest	20.00
10/1/2020	Deposit	400.00
11/1/2020	Withdrawal	200.00
12/1/2020	Interest	25.00
1/1/2021	Final balance	1000.00

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