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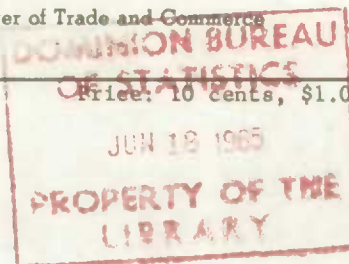
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SUMMARY OF CANAL STATISTICS

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Changes in presentation

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

- (1) The description of commodities has been changed to conform with the other publications dealing with water transportation.
- (2) The format of the text has been changed. It now consists of an analysis of the statistics contained in the four tables. Important changes in data, and reasons for these changes, where verifiable, will be noted.

Analysis of data

The opening dates for the three major canals in 1965 were as follows: St. Lawrence Canals, April 8 (April 8 in 1964); Welland Canal, April 1 (April 1); and the Canadian lock of the Sault Ste. Marie Canal, April 7 (April 13).

The total volume of freight transported through all Canadian canals in April 1965 decreased 16.3 per cent, to 6,078,799 tons from the 7,263,854 tons recorded in April 1964. Severe ice conditions and a major decline in wheat shipments resulted in a slow start to the 1965 canal navigation season, compared to the beginning of the season in 1964.

Total traffic recorded through the St. Lawrence Canals declined 11.5 per cent this month, to 2,910,447 tons from 3,288,630 tons in April of last year. At the Welland Canal total traffic was 20.2 per cent below the 1964 figure of 3,942,301 tons.

Shipments of wheat through the St. Lawrence and Welland Canals totalled 688,515 tons and 325,943 tons, respectively, compared to 1,145,052 tons and 989,645 tons in 1964, and 513,697 tons and 425,047 tons in April 1963. The relatively-larger difference between shipments of wheat through the St. Lawrence Canals compared to the Welland Canal in 1965 is accounted for by increased winter storage at Lake Ontario ports. The large figures for 1964 reflect the major wheat shipments to the U.S.S.R., which began in October 1963 and terminated in July 1964.

Total traffic through the Welland Canal also declined because of decreases in downbound shipments of corn and dried vegetables.

While the two major canals recorded a large decrease in downbound movements, they also recorded a small increase in upbound traffic, mainly as a result of the increased transportation of steel plate, sheet and strip, which was destined for U.S. Great Lakes ports.

The total volume of cargo moved through the Sault Ste. Marie Canals recorded a fall of 49.8 per cent, to 2,952,429 tons from 5,878,620 tons in April 1964. Downbound traffic shrank by 2,511,808 tons, to 2,554,872 tons from 5,066,680 tons, because of greatly reduced movements of wheat and iron ore. Upbound traffic also declined, to 397,557 tons from 811,940 tons. Bituminous coal accounted for 218,891 tons of this decline, and iron ore, 131,733 tons.

Transportation Section
Public Finance and Transportation Division

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

Canal	April 1965			1964	Cumulative	Cumulative
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight	Tonnage of freight	Tonnage of freight	Tonnage of freight
St. Peter's Canal	2	68	-	8		
Canso Canal	-	-	-	165		
Richelieu River Canals	14	2,581	1,490	11,597		
St. Lawrence Canals	506	1,934,088	2,910,447	3,288,630		
Ottawa River Canals	-	-	-	-		
Rideau Canal	-	-	-	-		
Murray Canal	14	800	-	-		
Trent Canal	-	-	-	-		
Welland Canal	514	2,358,462	3,145,014	3,942,301		
Sault Ste. Marie Canal - Can. lock ...	38	65,299	21,848	21,153		
St. Andrew's Canal	-	-	-	-		
Totals	1,088	4,361,298	6,078,799	7,263,854		
Sault Ste. Marie Canal - U.S. locks ..	483	..	2,930,581	5,857,467		

.. Figures not available.

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

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand Total
	Bulk	General	Bulk	General			
Meat, fresh, chilled or frozen	-	-	-	23	-	23	23
Butter	-	-	-	-	-	-	-
Milk powder	-	-	-	1,230	-	1,230	1,230
Barley	-	-	18,175	-	18,175	-	18,175
Corn	-	-	167,593	-	167,593	-	167,593
Oats	-	-	9,567	-	9,567	-	9,567
Rye	-	-	1,909	-	1,909	-	1,909
Wheat	-	-	688,515	-	688,515	-	688,515
Corn meal and flour	-	-	12	-	12	-	12
Malt and malt flour	-	-	12,512	-	12,512	-	12,512
Wheat flour	-	-	8,549	-	8,549	-	8,549
Cereals milled, n.e.s.	-	17	-	-	-	17	17
Dried and dehydrated fruits	1	27	-	-	1	27	28
Fruits and preparations, canned (except infant foods)	-	873	-	8	-	881	881
Vegetables, dried	37	613	134	-	171	613	784
Raw sugar	7,713	-	-	-	7,713	-	7,713
Molasses, crude	11,198	-	-	-	11,198	-	11,198
Sugar preparations (including confectionery)	-	747	-	65	-	812	812
Lard	-	61	-	-	-	61	61
Miscellaneous foods, food materials and food preparations, n.e.s.	-	500	-	24	-	524	524
Hulls, screenings, chaff and scourings	-	-	-	-	-	-	-
Ground cereals and by-products, n.e.s.	-	-	-	-	-	-	-
Soyabean oil meal and cake	-	-	-	-	-	-	-
Oil seed meals and cake, n.e.s.	-	-	5,120	-	5,120	-	5,120
Feeds of vegetable origin, n.e.s.	-	-	266	-	266	-	266
Ale, beer, stout and porter	-	1,304	-	-	-	1,304	1,304
Wines	-	2,859	-	-	-	2,859	2,859
Distilled alcoholic beverages	-	6,511	-	-	-	6,511	6,511
Raw hides and skins and undressed fur skins	-	216	-	457	-	673	673
Flaxseed	542	-	12,882	-	13,424	-	13,424
Soya beans	-	-	97,519	-	97,519	-	97,519
Rubber and allied gums, natural, and natural gums and resins	-	70	-	-	-	70	70
Logs	-	-	567	-	567	-	567
Pulpwood	826	-	-	-	826	-	826
Alumina and bauxite ore	-	-	-	-	-	-	-
Iron ore, crude, and concentrates, calcined, roasted or treated	1,012,638	-	-	-	1,012,638	-	1,012,638
Manganese ore	-	-	-	-	-	-	-
Ores, concentrates and precipitates, n.e.s.	15,491	55	-	-	15,491	55	15,546

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, April 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Synthetic rubber (including rubber compounds and reclaimed rubber)	-	-	-	16	-	16	16
Chemical specialties, industrial, n.e.s.	2,564	501	954	174	3,518	675	4,193
Gasoline	15,809	-	5,504	-	21,313	-	21,313
Fuel oil	32,750	-	25,585	-	58,335	-	58,335
Lubricating oils and greases	4,789	-	1,992	98	6,781	98	6,879
Coke of petroleum and coal	-	-	23,260	-	23,260	-	23,260
Coal tar and coal pitch	-	-	7,957	76	7,957	76	8,033
Petroleum and coal products, n.e.s.	11,233	19	3,748	-	14,981	19	15,000
Ferro-alloys	18,062	-	-	-	18,062	-	18,062
Pig iron	26,607	-	-	-	26,607	-	26,607
Bars and rods, steel	-	29,652	-	-	-	29,652	29,652
Plate, sheet and strip, steel	8,531	124,014	-	550	8,531	124,564	133,095
Structural shapes and sheet piling	-	78,838	-	-	-	78,838	78,838
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	3,620	-	-	-	3,620	3,620
Wire (including wire rope)	-	10,286	-	-	-	10,286	10,286
Aluminum (including alloys)	-	3,003	-	-	-	3,003	3,003
Metal fabricated basic products	-	13,884	-	58	-	13,942	13,942
Glass basic products	-	4,965	-	-	-	4,965	4,965
Cement	2,571	-	20,913	-	23,484	-	23,484
Non-metallic mineral basic products, n.e.s.	34	1,043	-	6	34	1,049	1,083
Machinery, n.e.s.	-	4,613	-	787	-	5,400	5,400
Passenger automobiles and chassis	-	821	-	655	-	1,476	1,476
Trucks, truck chassis and truck tractors, commercial	-	10	-	-	-	10	10
Motor vehicle engines, accessories, parts and assemblies	-	946	-	12	-	958	958
Miscellaneous end products, inedible, n.e.s.	246	3,128	-	714	246	3,842	4,088
Domestic package freight	13,296	-	8,237	-	21,533	-	21,533
Other freight	18,294	13,222	2,787	339	21,081	13,561	34,642
Total freight carried	1,294,063	374,071	1,471,791	5,089	2,765,854	379,160	3,145,014

(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, April 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	-	-	6,206	10,028	6,206	10,028
Pulpwood, lumber and logs	-	-	-	-	-	-
Wheat	-	-	-	492,083	-	492,083
Barley	-	-	-	25,361	-	25,361
Oats	-	-	-	23,580	-	23,580
Corn	-	-	-	17,122	-	17,122
Rye	-	-	-	7,229	-	7,229
Flaxseed	-	-	-	28,677	-	28,677
Soya beans	-	-	-	22,305	-	22,305
Flour	-	-	-	950	-	950
Mill products, screenings	-	-	-	13,000	-	13,000
Iron ore	-	-	-	1,886,738	-	1,886,738
Manufactured iron and steel	765	20,842	1,720	10,518	2,485	31,360
Pig iron	-	-	-	-	-	-
Scrap iron	-	-	-	-	-	-
Stone, broken, sand and gravel	-	27,176	-	-	-	27,176
Cement	-	2,524	-	-	-	2,524
Coal, bituminous	-	249,930	-	-	-	249,930
Coal, anthracite	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	10,130	-	-	-	10,130
Gasoline	7,616	16,731	-	-	7,616	16,731
Fuel oil	-	32,086	-	-	-	32,086
Other petroleum products	-	-	-	-	-	-
Motor vehicles	-	34	-	-	-	34
Miscellaneous merchandise	1,297	33,860	-	17,281	1,297	51,141
Domestic package freight	4,244	4,244	-	-	4,244	4,244
Total freight carried	13,922	397,557	7,926	2,554,872	21,848	2,952,429

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



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