

54 001

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU
OF STATISTICS

JUN 20 1955

PROPERTY OF THE
LIBRARY
MemorandumSUMMARY OF CANAL STATISTICS

Price per year \$1.00

APRIL, 1955

In this report, the first for the 1955 season of navigation, a number of changes have been made in the commodity classification for the three major canal systems, the St. Lawrence, the Welland Ship and the Sault Ste. Marie. These changes have been adopted to standardize the breakdown of commodities as much as possible and to show separately, the major commodities only, transported through the canals. Changes made for the Sault Ste. Marie canal include the following: a separate breakdown of coke, lumber, copper, salt, scrap iron and structural steel has been dropped, while paper and woodpulp, and autos, trucks and parts have been added; other grain has been broken down into corn, oats, rye, barley flaxseed, and other grain and mill products; while oil and gas has been divided into gasoline, fuel oil, and, petroleum oils, and other petroleum products. Sugar was dropped from both the Welland and St. Lawrence lists while flaxseed, other grain, and mill products have been added. Petroleum and other oils has been divided into fuel oil and petroleum oils and other petroleum products. In addition, a breakdown of the traffic by direction (up or down) is shown for these two canals for the first time. Data for April, 1954 has been re-compiled on a basis comparable with the current year.

The amount of freight transported through the ten Canadian canals during the month of April totalled 2,699,072 short tons, a gain of 1,045,260 tons or 63.2 per cent over the April, 1954 total of 1,653,812 tons. Increased shipments of wheat, barley, other grains, bituminous coal and other freight through the Welland and St. Lawrence systems were mainly responsible for the significant advance over the previous April. The number of vessel passages rose appreciably to 1,796 aggregating 2,745,060 registered net tons as compared with 1,254 of 1,703,506 tons in April, 1954.

St. Lawrence Canals: The volume of freight passing through the St. Lawrence canals from the opening date of the current season, April 10th, to April 30 amounted to 635,138 tons, an increase of 290,453 tons or 84.3 per cent over the April, 1954 total of 344,685 tons. As at the Welland, this increase was due mainly to increased tonnages of wheat, barley, bituminous coal and other freight.

Welland Ship Canal: Although the Welland canal opened on March 30, five days later than in the previous year, the amount of freight traffic rose to 1,956,984 tons from 1,151,543, an increase of 805,441 tons or 69.9 per cent. Shipments of wheat advanced to 204,150 tons from 38,552 in the corresponding period of 1954; the tonnage of barley rose to 112,401 tons from 37,404; bituminous coal increased to 1,044,781 tons from 630,221; and other freight tonnage rose to 137,754 tons from 101,172. The number of vessel passages numbered 847 totalling 1,950,464 net tons as compared with 587 vessels of 1,160,291 tons in the corresponding period of 1954.

Sault Ste. Marie Canal - Canadian and United States Locks: During April, 159 vessels totalling 222,513 registered net tons transported 100,858 tons of freight through the Canadian lock at Sault Ste. Marie. In the previous April, 167 vessels of 219,348 net tons carried 151,703 tons of cargo through the lock. Decreased shipments were reported for such commodities as corn, oats, barley, and other grains, coal, pulpwood, flour and other freight. The first vessel passage was recorded on April 11th, one day later than in 1954. Freight traffic through the combined system was, however, almost double the 1954 total, advancing to 4,695,665 tons from 2,360,476 due mainly to a heavier volume of wheat, iron ore and bituminous coal.

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

8504-517:45

SUMMARY OF CANAL STATISTICS

		April, 1955			April, 1954		
		Up	Down	Total	Up	Down	Total
ST. LAWRENCE CANALS							
Vessel Passages	Number	309	297	606	192	169	361
Registered Net Tonnage of Vessels	Tons	278,597	281,752	560,349	162,445	153,626	316,071
Passengers	Number	-	-	-	-	-	-
Pleasure Craft	"	-	-	9	-	-	-
COMMODITIES							
Wheat	Tons	-	239,202	239,202	-	73,663	73,663
Corn	"	-	23,216	23,216	-	7,691	7,691
Oats	"	-	5,110	5,110	-	3,784	3,784
Barley	"	-	30,874	30,874	-	14,442	14,442
Rye	"	-	8,441	8,441	-	-	-
Flaxseed	"	-	4,927	4,927	-	9,618	9,618
Other grain	"	-	3,668	3,668	-	-	-
Flour	"	-	485	485	-	300	300
Mill products	"	-	1,977	1,977	-	-	-
Coal, anthracite	"	-	-	-	-	-	-
Coal, bituminous	"	125	108,432	108,557	165	77,178	77,343
Iron ore	"	8,360	-	8,360	-	-	-
Petroleum, crude	"	16,875	-	16,875	16,400	-	16,400
Sand, gravel, crushed stone	"	-	1,800	1,800	-	-	-
Pulpwood	"	-	-	-	-	-	-
Gasoline	"	1,450	4,200	5,650	2,812	7,935	10,747
Fuel oil	"	38,571	4,600	43,171	23,286	3,218	26,504
Petroleum oils & other pet. products	"	7,450	1,400	8,850	-	-	-
Autos, trucks and parts	"	-	27	27	39	55	94
Wood pulp	"	5,739	-	5,739	555	-	555
Paper	"	16,331	-	16,331	20,978	-	20,978
All other freight	"	69,555	32,323	101,878	64,043	18,523	82,566
TOTAL FREIGHT		164,456	470,682	635,138	128,278	216,407	344,685
WELLAND SHIP CANAL							
Vessel Passages	Number	459	388	847	319	268	587
Registered Net Tonnage of Vessels	Tons	1,023,415	927,049	1,950,464	606,034	554,257	1,160,291
Passengers	Number	4	-	4	-	-	-
Pleasure Craft	"	-	-	1	-	-	-
COMMODITIES							
Wheat	Tons	10	204,140	204,150	-	38,552	38,552
Corn	"	-	25,799	25,799	-	7,364	7,364
Oats	"	-	12,115	12,115	-	10,591	10,591
Barley	"	118	112,283	112,401	-	37,404	37,404
Rye	"	-	26,606	26,606	-	-	-
Flaxseed	"	-	14,184	14,184	-	6,187	6,187
Other grain	"	-	23,851	23,851	-	9,210	9,210
Flour	"	-	641	641	-	300	300
Mill products	"	-	-	-	-	-	-
Coal, anthracite	"	-	-	-	-	-	-
Coal, bituminous	"	-	1,044,781	1,044,781	-	630,221	630,221
Iron ore	"	5,672	7,265	12,937	-	18,609	18,609
Petroleum, crude	"	-	113,688	113,688	-	73,675	73,675
Sand, gravel, crushed stone	"	16,939	-	16,939	14,202	-	14,202
Pulpwood	"	-	-	-	-	-	-
Gasoline	"	28,726	10,877	39,603	24,047	19,700	43,747
Fuel oil	"	50,649	39,000	89,649	46,801	71,990	118,791
Petroleum oils & other pet. products	"	31,198	5,800	36,998	-	-	-
Autos, trucks and parts	"	149	16	165	810	8	818
Wood pulp	"	3,694	-	3,694	-	-	-
Paper	"	41,029	-	41,029	40,700	-	40,700
All other freight	"	45,790	91,964	137,754	50,637	50,535	101,172
TOTAL FREIGHT		223,974	1,733,010	1,956,984	177,197	974,346	1,151,543

SUMMARY OF CANAL STATISTICS

		April, 1955		April, 1954		
		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks	
SAULT STE. MARIE CANALS						
<u>EASTBOUND</u>						
Vessel Passages	Number	57	433	62	268	
Registered Net Tonnage of Vessels	Tons	54,939	1,820,544	67,564	934,852	
Passengers	Number	-	4	-	4	
<u>COMMODITIES</u>						
Wheat	Tons	8,764	453,841	3,462	152,843	
Corn	"	-	10,080	5,698	60,493	
Oats	"	2,647	39,488	19,698	97,909	
Barley	"	1,080	215,578	23,372	116,643	
Rye	"	1,137	44,714	2,082	21,613	
Flaxseed	"	-	21,750	7,560	16,049	
Other grain and mill products	"	3,105	3,105	4,875	4,875	
Flour	"	1,424	1,424	3,165	3,165	
Iron ore	"	-	2,967,391	-	1,377,968	
Sand, gravel, crushed stone	"	-	-	-	-	
Petroleum, crude	"	-	31,854	-	51,094	
Pulpwood	"	-	-	1,854	5,054	
Paper and wood pulp	"	19,193	22,793	14,693	15,438	
All other freight	"	14,865	57,041	4,870	36,812	
TOTAL	"	52,215	3,869,059	91,329	1,959,956	
<u>WESTBOUND</u>						
Vessel Passages	Number	102	543	105	340	
Registered Net Tonnage of Vessels	Tons	167,574	2,387,519	151,784	1,219,205	
Passengers	Number	6	15	-	4	
<u>COMMODITIES</u>						
Coal, anthracite	Tons	-	18,625	-	6,500	
Coal, bituminous	"	8,200	578,722	19,330	254,768	
Iron ore	"	-	11,297	-	-	
Sand, gravel, crushed stone	"	-	100,399	-	40,027	
Gasoline	"	6,800	22,925	3,900	24,496	
Fuel oil	"	9,460	9,460	4,966	15,065	
Petroleum oils & other pet. products	"	6,128	22,139	-	-	
Autos, trucks and parts	"	166	1,430	275	1,224	
All other freight	"	17,889	61,609	31,903	58,440	
TOTAL	"	48,643	826,606	60,374	400,520	
TOTAL	Vessel Passages	Number	159	976	167	608
"	Registered Net Tonnage of Vessels	Tons	222,513	4,208,063	219,348	2,154,057
"	Passengers	Number	6	19	-	8
"	Pleasure Craft	"	6	6	1	1
"	Freight	Tons	100,858	4,695,665	151,703	2,360,476
<u>OTHER CANALS</u>						
		Vessel Passages	Registered Net Tonnage of Vessels	Passengers	Pleasure Craft	Total Freight
1955		No.	Tons	No.	No.	Tons
Ottawa River Canals	20	4,233	-	13	-	2,825
Rideau Canal	-	-	-	-	-	-
Richelieu River Canal	14	2,230	-	-	-	2,720
Trent Canal	-	-	-	-	-	-
Murray Canal	5	2,855	-	9	-	300
St. Peter's Canal	145	2,416	29	-	-	247
St. Andrew's Canal	-	-	-	-	-	-
All Canadian Canals	1,796	2,745,060	39	38	-	2,699,072
1954						
Ottawa River Canals	4	1,385	-	9	-	-
Rideau Canal	-	-	-	-	-	-
Richelieu River Canal	29	4,601	-	-	-	5,514
Trent Canal	-	-	-	8	-	-
Murray Canal	1	35	-	10	-	-
St. Peter's Canal	105	1,775	3	-	-	367
St. Andrew's Canal	-	-	-	-	-	-
All Canadian Canals	1,254	1,703,506	14	28	-	1,653,812

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010701969