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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

SUMMARY REPORT
CANAL STATISTICS

For
DECEMBER
and
SEASON OF NAVIGATION
1930



Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

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COMMISSION ON TRADE AND COMMERCE

STATE DEPARTMENT

COMMISSION ON TRADE AND COMMERCE

STATE DEPARTMENT

For

Information

and

Recommendations

Submitted by the Commission on Trade and Commerce

to the Secretary of State

1940

DEPARTMENT OF TRADE AND COMMERCE
 DOMINION BUREAU OF STATISTICS
 TRANSPORTATION AND PUBLIC UTILITIES BRANCH
 OTTAWA

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 Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

SUMMARY OF CANAL STATISTICS

FOR

DECEMBER

AND

SEASON OF NAVIGATION

1930

Sault Ste. Marie Canals:

Canadian and United States Locks:

The canals opened on April 24 and closed on December 12, which was 10 days later than in 1929 in opening and 2 days earlier in closing. The total freight passing through the locks during the season was 72,897,973 tons, a decrease from 1929 of 19,718,925 tons. The largest decrease was in iron ore which amounted to 47,050,854 tons as against 64,917,703 tons in 1929. The 1929 ore tonnage was the heaviest in the history of the canals, the tonnage in 1928 being 53,321,452 tons and in 1927, 50,098,068 tons. Wheat, amounting to 243,832,889 bushels, was heavier than in 1929 by 18,411,186 bushels, but less than in 1928 - 1922, inclusive, and 1915. Other grains amounted to 55,455,443 bushels which was lighter than any year since 1912 with the exceptions of 1918, 1919 and 1920.

Welland Canal:

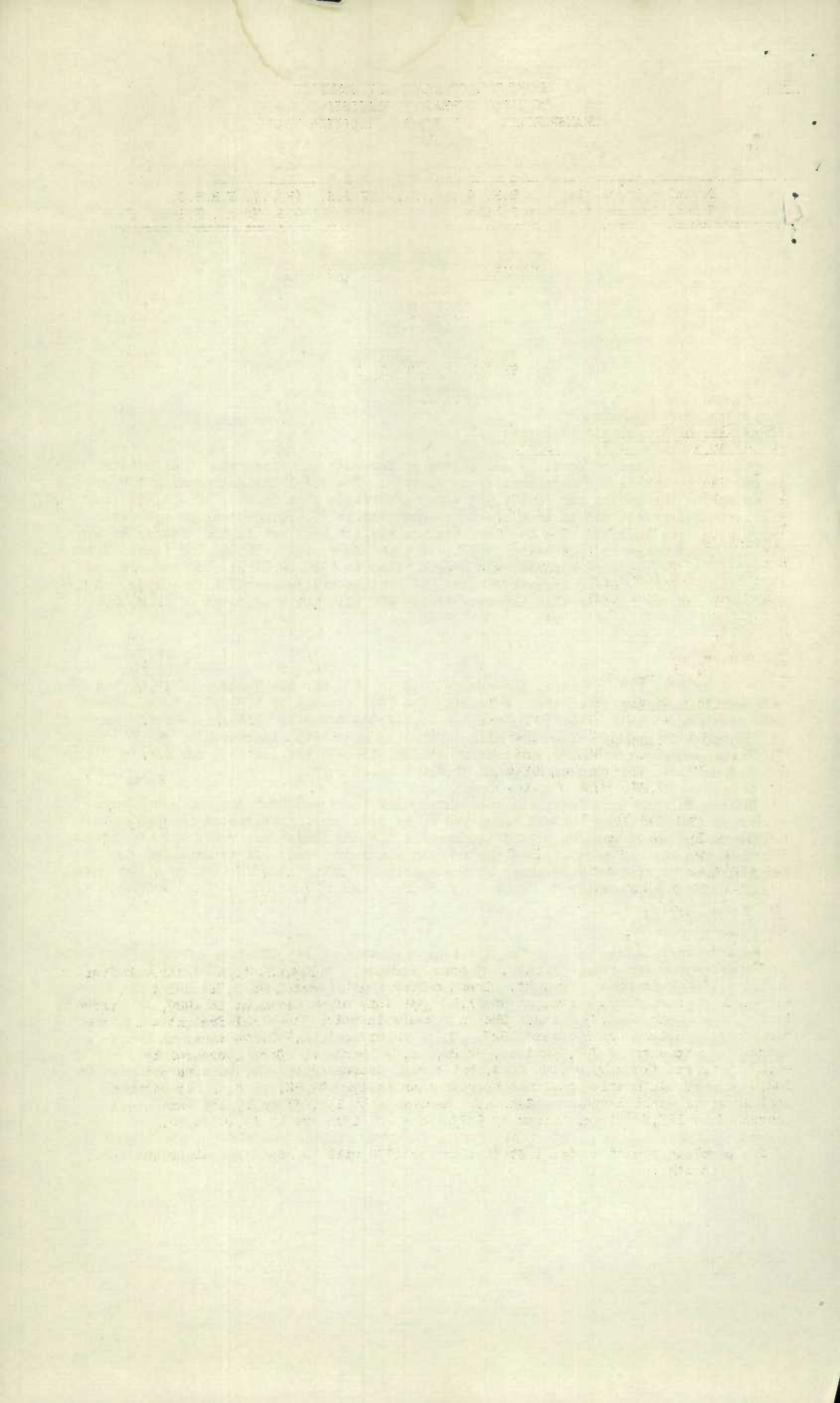
Total traffic did not equal the record made in 1928 nor the tonnage of 1927, but was heavier than any other year, exceeding the 1929 tonnage by 1,318,044 tons. Wheat made the largest gain of 861,529 tons, or 28,717,630 bushels. Bituminous coal increased by 579,655 tons and petroleum and oils (including gasoline), increased by 264,256 tons. The large decreases were 146,901 tons of barley, 136,440 tons of iron and steel, 103,643 tons of sand, 96,281 tons of oats and 39,812 tons of corn.

The new Welland Ship Canal was open throughout the season for the whole distance except at Thorold where the old locks had to be used, which restricted the use of the canals to the small vessels. In September all the new locks were ready for use but the dredging was not completed so the draught was restricted. It is expected that the work will be sufficiently advanced by the opening of navigation in 1931 to allow transit of all upper lake vessels.

St. Lawrence Canals:

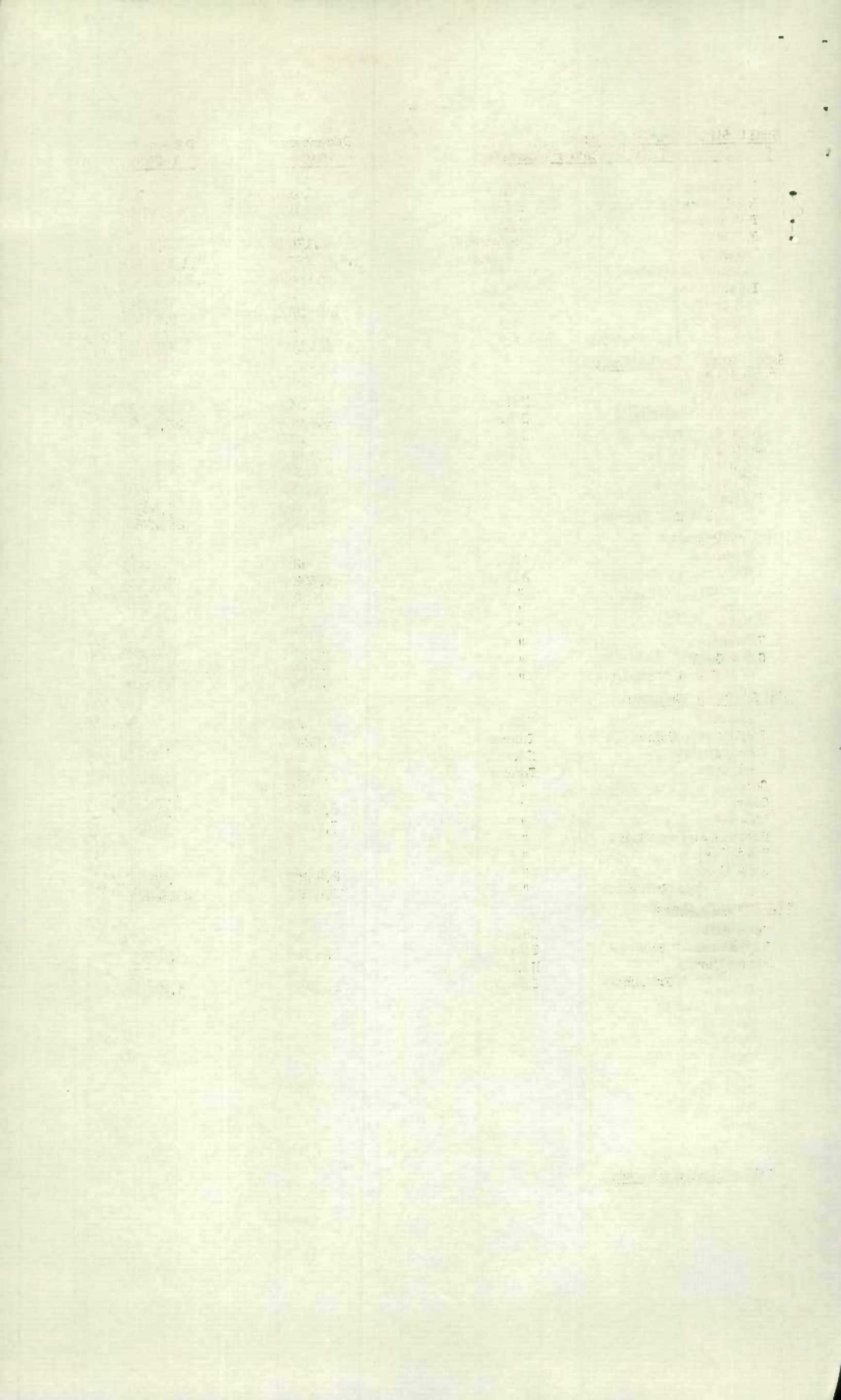
Total traffic amounted to 6,179,023 tons, including 5,163,020 tons of through freight and 1,016,003 tons of way freight. These compare with a total of 5,718,651 tons, 4,592,312 tons of through freight and 1,126,339 tons of way freight in 1929, the increase in the total being 460,432 tons. The only years in which the total freight using the canals was heavier were 1928 and 1927. Wheat amounted to 2,400,134 tons, an increase over 1929 shipments of 799,552 tons, or 26,651,730 bushels. Corn increased by 46,276 tons and flour by 46,129 tons, but barley decreased by 204,342 tons and oats by 102,050 tons. Anthracite coal was heavier than in 1929 by 52,808 tons but bituminous coal showed a small decrease. Sand also decreased by 135,933 tons, iron and steel decreased by 127,776 tons, lumber by 9,738 tons and iron ore by 15,103 tons.

The complete report on Canal Statistics for 1930 will be ready for distribution in about two months.



<u>Sault Ste. Marie Canals:</u>		<u>December</u>	<u>December</u>
<u>Canadian and United States Locks:</u>		<u>1930</u>	<u>1929</u>
Vessels	No.	141	170
Registered Tonnage	Tons	196,601	318,372
Passengers	No.	10	25
Flour	Barrels	419,130	429,500
Wheat	Bushels	5,622,357	9,159,903
Other Grains	"	2,633,454	2,691,932
Iron Ore	Tons	-	31,136
Soft Coal	"	23,500	37,000
Hard Coal	"	-	-
Total Freight	"	311,913	480,918
<u>Sault Ste. Marie Canal:</u>			
<u>Canadian Lock:</u>			
Vessels	No.	28	28
Registered Tonnage	Tons	34,639	28,747
Passengers	No.	10	22
Barley	Tons	2,472	1,320
Oats	"	4,845	3,400
Wheat	"	9,060	500
Flour	"	14,265	7,465
Total Freight	"	44,524	26,246
<u>Welland Canal:</u>			
Vessels	No.	62	49
Registered Tonnage	Tons	63,302	57,535
Barley	"	5,952	840
Corn	"	-	-
Oats	"	7,544	3,149
Wheat	"	16,084	15,339
Soft Coal	"	12,266	11,050
Total Freight	"	68,400	47,603
<u>St. Lawrence Canals:</u>			
Vessels	No.	42	62
Registered Tonnage	Tons	39,924	40,501
Passengers	No.	-	-
Barley	Tons	7,992	2,029
Corn	"	-	1,372
Oats	"	6,868	2,395
Wheat	"	7,420	7,926
Petroleum and Oils	"	-	-
Hard Coal	"	-	-
Soft Coal	"	2,432	5,898
Total Freight	"	38,411	23,942
<u>St. Peters Canal:</u>			
Vessels	No.	68	67
Registered Tonnage	Tons	5,512	5,813
Passengers	No.	-	3
Total Freight	Tons	1,856	3,216

Other canals closed.



SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1930

		Season of Navigation	
		1930	1929
<u>Sault Ste. Marie Canals:</u>			
<u>Canadian and United States Locks:</u>			
Vessels	No.	16,819	19,794
Registered Tonnage	Tons	54,830,314	68,240,279
Passengers	No.	45,458	54,418
Flour	Barrels	8,550,910	9,163,920
Wheat	Bushels	243,832,889	225,421,703
Other Grains	"	55,455,443	68,127,000
Iron Ore	Tons	47,050,854	64,917,703
Soft Coal	"	13,261,531	15,103,803
Hard Coal	"	782,630	729,571
Total Freight	"	72,897,973	92,619,031
<u>Sault Ste. Marie Canal:</u>			
<u>Canadian Lock:</u>			
Vessels	No.	2,956	3,585
Registered Tonnage	Tons	3,481,576	4,876,832
Passengers	No.	27,831	33,357
Barley	Tons	86,000	158,479
Oats	"	74,433	141,399
Wheat	"	452,777	620,525
Flour	"	404,059	444,098
Total Freight	"	1,691,549	2,374,119
<u>Welland Canal:</u>			
Vessels	No.	5,252	4,393
Registered Tonnage	Tons	5,574,567	4,286,650
Barley	"	197,230	344,131
Corn	"	31,529	71,341
Oats	"	102,115	198,396
Rye	"	64,641	49,138
Flax	"	29,161	18,301
Wheat	"	2,546,074	1,684,545
Flour	"	98,995	53,254
Other Mill Products	"	25,741	16,757
Fruit and Vegetables	"	-	3,117
Other Packing House Products	"	-	75
Agricultural Implements	"	2,979	8,370
Cement, Brick, Lime	"	3,811	319
Iron, pig-bloom	"	27,801	35,149
Iron, Steel	"	161,416	297,856
Petroleum - Other Oils	"	478,933	214,677
Sugar	"	135,001	152,958
Salt	"	3,875	2,681
Liquors, etc.	"	2,003	941
Merchandise	"	288,825	230,486
Pulpwood	"	364,371	331,957
Sawed Lumber	"	1,343	2
Hard Coal	"	3,008	2,275
Soft Coal	"	1,324,539	744,884
Coke	"	1,800	23,431
Copper Ore	"	18,145	2,425
Iron Ore	"	40,362	79,922
Other Ore	"	49,786	16,409
Sand	"	82,426	186,069
Total Freight	"	6,087,910	4,769,866

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MINISTRY OF NATIONAL DEFENSE

Form No. 100-1

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SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1930

		Season of Navigation	
		1930	1929
<u>St. Lawrence Canals:</u>			
Vessels	No.	9,519	10,831
Registered Tonnage	Tons	5,971,060	5,777,440
Passengers	No.	51,893	71,405
Barley	Tons	138,393	342,735
Buckwheat	"	1	-
Corn	"	98,441	52,165
Oats	"	72,577	174,627
Rye	"	49,203	40,137
Flax	"	17,078	14,830
Peas	"	1	14
Wheat	"	2,400,134	1,600,582
Flour	"	81,679	35,550
Hay	"	2,291	7,993
Other Mill Products	"	12,044	15,210
Fruit and Vegetables	"	6,655	8,813
Potatoes	"	195	140
Live Stock	"	172	273
Poultry, Game, Fish	"	98	51
Dressed Meats	"	34	4
Other Packing House Products	"	569	1,037
Hides and Leather	"	257	556
Wool	"	2	11
Other Animal Products	"	7,466	8,256
Agricultural Implements	"	513	663
Cement, Brick, Lime	"	8,625	875
H.H. Goods and Furniture	"	194	206
Iron, pig and bloom	"	7,716	22,364
Iron, Steel	"	131,857	259,633
Petroleum - Other Oils	"	304,821	238,246
Sugar	"	136,469	132,227
Salt	"	1,443	2,284
Liquors, etc.	"	15,039	13,230
Merchandise	"	367,659	342,276
Pulpwood	"	684,503	674,376
Sawed Lumber	"	38,861	48,599
Squared Timber	"	300	9,995
Shingles	"	30	21
Other Wood	"	3,017	500
Hard Coal	"	110,944	58,136
Soft Coal	"	916,932	921,466
Coke	"	862	-
Copper Ore	"	5,717	1,723
Iron Ore	"	66,470	81,573
Other Ore	"	34,384	15,964
Sand	"	455,377	591,310
Total Freight	"	6,179,023	5,718,651

Ottawa Canal:

Vessels	No.	3,360	3,615
Registered Tonnage	Tons	693,860	664,939
Passengers	No.	22,382	22,995
Total Freight	Tons	540,933	537,037

Rideau Canal:

Vessels	No.	517	761
Registered Tonnage	Tons	51,452	64,861
Passengers	No.	785	1,115
Total Freight	Tons	28,210	45,901

SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1930

		Season of Navigation	
		1930	1929
<u>Chambly Canal:</u>			
Vessels	No.	779	966
Registered Tonnage	Tons	81,989	123,428
Passengers	No.	164	313
Total Freight	Tons	99,998	123,077
<u>Trent Canal:</u>			
Vessels	No.	1,726	2,053
Registered Tonnage	Tons	54,843	65,903
Passengers	No.	26,989	33,908
Total Freight	Tons	23,785	17,843
<u>Murray Canal:</u>			
Vessels	No.	443	449
Registered Tonnage	Tons	69,700	40,063
Passengers	No.	-	-
Total Freight	Tons	2,316	4,875
<u>St. Peter's Canal:</u>			
Vessels	No.	865	936
Registered Tonnage	Tons	79,784	74,438
Passengers	No.	194	370
Total Freight	Tons	59,973	49,650
<u>St. Andrew's Canal:</u>			
Vessels	No.	847	678
Registered Tonnage	Tons	115,645	89,867
Passengers	No.	893	1,084
Total Freight	Tons	89,715	58,628

TRAFFIC ON CANADIAN CANALS, 1930

Canal	Freight Tonnage	Compared with 1929	
		Increase	Decrease
Sault Ste. Marie	1,691,549		682,570
Welland	6,087,910	1,313,044	
St. Lawrence	6,179,023	460,372	
Chambly	99,998		23,079
St. Peter's	59,973	10,323	
Murray	2,316		2,559
Ottawa	540,933	3,896	
Rideau	28,210		17,691
Trent	23,785	5,942	
St. Andrew's	89,715	31,087	
TOTAL #	14,803,412	1,103,765	

Includes duplications and is affected by the proportion of the total traffic at Sault Ste. Marie using the Canadian lock.

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