

DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

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SUMMARY OF CANAL STATISTICS
FOR
DECEMBER 1922

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Sault Ste. Marie

Total traffic through the Canadian and American locks which closed December 24 and 20 respectively was 1,837,221 tons an increase of 55 per cent over December 1921. For the season the total traffic aggregated 66,064,219 tons an increase over 1921 of 37 per cent. The chief factors in this increase were heavy shipments of wheat (275,44,071 bushels) other grain (118,502,576 bushels) and iron ore (42,227,338 tons). Although iron ore shipments were 87 per cent above 1921 they were 25 per cent below 1920. Wheat and other grain shipments were records for the canals. Both bituminous and anthracite coal shipments during September to December inclusive were above the same period last year but for the season bituminous coal was 3,716,456 tons or 30 per cent and anthracite coal was 1,585,681 tons or 70 per cent below the 1921 shipments.

Welland Canal

The canal closed December 12 with a total traffic for the month of 25,091 tons and for the season of 3,391,419 tons. This latter was surpassed only in 1913 and 1914 when the total cargoes for the season were 3,570,714 tons and 3,860,969 tons respectively. Wheat shipments for the season aggregated 1,732,458 tons or 58,415,300 bushels which was a record for the canal. Shipments of American corn fell off 323,503 tons or 11,553,630 bushels from last year and oats also showed decrease of 11,453 tons or 673,706 bushels. Coal shipments also were light compared with 1921, bituminous coal showing a decrease of 468,503 tons or 61 per cent and anthracite coal shipments dropped from 13,130 tons to 45 tons.

St. Lawrence Canals

The canals closed December 13 with a total traffic for the month of 55,238 tons as against 19,648 tons last year. For the season the total traffic aggregated 4,319,919 tons compared with 3,734,065 tons in 1921. Wheat shipments for the season amounted to 58,901,500 bushels an increase of 30,475,500 bushels over 1921 and a record for the Canals. Corn and oats showed decreases but barley and rye showed substantial increases. Iron and steel, sugar, merchandise, pulpwood and lumber also showed increases over 1921 while coal shipments were 54,522 tons for anthracite and 184,874 tons for bituminous below 1921 shipments.

The following tables show the principal items of traffic for the canals open in December, also the totals for the several canals for the season for 1922:-

		Dec. 1922	Dec. 1921
<u>SAULT STE. MARIE CANAL</u>			
<u>Canadian & American Locks</u>			
Vessels	No.	479	366
Registered Tonnage	Tons	1,104,810	731,440
Passengers	No.	33	4
Flour	Bals.	660,800	524,030
Wheat	Bu.	33,059,098	24,758,825
Other Grains	"	10,360,059	6,303,200
Iron Ores	Tons	10,864	...
Soft Coal	"	376,050	52,990
Hard Coal	"	97,000	30,900
Total Freight	"	1,837,221	1,032,429

<u>SAULT STE. MARIE CANAL</u>		Dec.	Dec.
<u>Canadian Lock</u>		1922	1921
Vessels	No.	110	116
Registered Tonnage	Tons	115,220	177,727
Passengers	No.	32	4
Barley	Tons	3,985	5,099
Oats	"	10,742	17,495
Wheat	"	44,164	26,343
Flour	"	20,663	19,562
Total Freight	"	104,873	88,326
<u>WELLAND CANAL</u>			
Vessels	No.	31	22
Registered Tonnage	Tons	29,661	23,007
Barley	"
Corn	"	3,136	3,892
Oats	"	5,058	...
Wheat	"	3,454	3,813
Pulpwood	"	...	1,809
Soft Coal	"	8,650	6,150
Total Freight	"	25,091	19,756
<u>ST. LAWRENCE CANAL</u>			
Vessels	No.	211	53
Registered Tonnage	Tons	72,517	31,837
Passengers	No.
Corn	Tons	6,268	5,012
Oats	"	3,691	...
Rye	"	526	...
Wheat	"	14,707	1,905
Petroleum & Oils	"
Pulpwood	"	...	1,809
Hard Coal	"	13,443	1,420
Soft Coal	"	13,010	6,677
Sand	"	600	250
Total Freight	"	55,238	19,648
<u>MURRAY CANAL</u>			
Vessels	No.	5	2
Registered Tonnage	Tons	121	30
Passengers	No.
Total Freight	Tons	5	5
<u>ST. PETERS CANAL</u>			
Vessels	No.	67	73
Registered Tonnage	Tons	6,002	5,091
Passengers	No.	8	9
Total Freight	Tons	3,513	3,314

<u>SAULT STE. MARIE CANAL</u>		Season of Navigation	
<u>Canadian & American Locks</u>		1922	1921
Vessels	No.	17,378	12,824
Registered Tonnage	Tons	52,598,749	32,187,795
Passengers	No.	59,054	66,671
Flour	Bbls.	9,376,020	10,219,340
Wheat	Bu.	275,444,071	197,497,532
Other Grains	"	118,507,576	95,012,869
Iron Ores	Tons	42,227,338	22,595,323
Soft Coal	"	8,802,141	12,507,032
Hard Coal	"	672,347	2,256,138
Total Freight	"	66,064,219	48,254,116
<u>SAULT STE. MARIE</u>			
<u>Canadian Lock</u>			
Vessels	No.	3,702	3,863
Registered Tonnage	Tons	4,744,474	3,791,392
Passengers	No.	35,696	42,767
Barley	Tons	80,682	112,634
Oats	"	161,145	318,438
Wheat	"	370,677	458,944
Flour	"	469,488	446,910
Total Freight	"	1,708,396	1,997,592

<u>WELLAND CANAL</u>			
Vessels	No.	3,901	3,770
Registered Tonnage	Tons	3,545,735	3,329,371
Barley	"	92,801	53,619
Corn	"	434,860	758,383
Oats	"	127,481	138,934
Wheat	"	1,752,458	859,486
Pulpwood	"	152,806	150,428
Soft Coal	"	291,629	760,137
Total Freight	"	3,391,419	3,076,422
<u>ST. LAWRENCE CANAL</u>			
Vessels	No.	11,442	9,210
Registered Tonnage	Tons	5,067,948	4,484,843
Passengers	No.	72,433	56,905
Corn	Tons	416,176	773,671
Oats	"	125,597	141,054
Rye	"	134,059	50,188
Wheat	"	1,767,045	852,780
Petroleum and Oils	"	78,825	132,366
Pulpwood	"	321,951	299,425
Hard Coal	"	174,294	228,816
Soft Coal	"	578,702	763,576
Sand	"	174,985	171,094
Total Freight	"	4,319,919	3,734,065
<u>OTTAWA CANAL</u>			
Vessels	No.	2,112	1,807
Registered Tonnage	Tons	310,754	240,599
Passengers	No.	19,968	2,712
Total Freight	Tons	213,227	171,769
<u>RIDEAU CANAL</u>			
Vessels	No.	1,898	1,443
Registered Tonnage	Tons	106,682	100,036
Passengers	No.	6,319	11,484
Total Freight	Tons	86,382	95,012
<u>CHAMBLEY CANAL</u>			
Vessels	No.	1,418	1,238
Registered Tonnage	Tons	164,508	146,800
Passengers	No.	786	1,149
Total Freight	Tons	183,043	180,280
<u>TRINT CANAL</u>			
Vessels	No.	# 3,686	## 5,215
Registered Tonnage	Tons	145,635	153,115
Passengers	No.	80,574	100,049
Total Freight	Tons	43,038	44,247
<u>MURRAY CANAL</u>			
Vessels	No.	601	485
Registered Tonnage	Tons	17,560	58,871
Passengers	No.	465	7,104
Total Freight	Tons	1,843	45,280
<u>ST. PETERS CANAL</u>			
Vessels	No.	1,083	1,117
Registered Tonnage	Tons	75,095	77,025
Passengers	No.	740	757
Total Freight	Tons	52,737	56,123
<u>ST. ANDREWS CANAL</u>			
Vessels	No.	262	560
Registered Tonnage	Tons	46,524	27,514
Passengers	No.	2,130	7,208
Total Freight	Tons	25,387	6,231

- 2533 small pleasure craft also locked through.
- Includes small pleasure craft.

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