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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

SUMMARY REPORT
CANAL STATISTICS

For
DECEMBER
and

SEASON OF NAVIGATION
1931

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

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OTTAWA

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

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

SUMMARY OF CANAL STATISTICS

FOR

DECEMBER

AND

SEASON OF NAVIGATION

1931

Sault Ste. Marie Canals:

Canadian and United States Locks:

The Canadian lock was opened for traffic April 13th, three days after the United States locks, and they all closed on December 15th. Total traffic through all locks amounted to 44,614,168 tons which was the lightest tonnage since 1908 and was only 61 per cent of the 1930 tonnage. The big decrease was in iron ore which decreased from 47,050,854 tons in 1930 to 24,259,899 tons. This, with the exception of 1921 with only 22,595,323 tons, was the lightest since 1904. Wheat shipments were also light, amounting to 189,272,600 bushels as against 243,832,889 bushels in 1930. This also was a new low record for the past 10 years. Other grains were slightly heavier than in 1930 amounting to 56,316,914 bushels as against 55,455,443 bushels in 1930. Except for 1922, bituminous coal at 9,889,144 tons created another low record for the past 21 years.

Welland Canal:

The new Welland Ship canal had a marked influence on the traffic using the canal and instead of decreases, as recorded by the St. Lawrence and Sault Ste. Marie canals, it showed an increase for the season of 1,185,976 tons over the 1930 tonnage. Coal and iron ore to Hamilton and Toronto were responsible for a large part of the increase. Total shipments of bituminous coal amounted to 2,041,940 which was an increase of 717,401 tons and iron ore amounted to 295,592 tons, or 254,730 tons over 1930 shipments. Wheat showed a decrease of 399,656 tons, rye a decrease of 38,630 tons and flax a decrease of 3,683 tons; all other grains showed increases, barley being heavier by 250,188 tons and oats by 122,681 tons.

St. Lawrence Canals:

Total freight tonnage using the St. Lawrence canals amounted to 6,036,980 tons which was 142,043 tons less than for 1930. Wheat, pulpwood, bituminous coal and iron and steel with decreases of 452,315 tons, 299,877 tons, 161,313 tons, and 44,610 tons, respectively, accounted for the majority of the decrease, petroleum, oils and gasoline were heavier by 190,283 tons, barley was heavier by 335,644 tons, oats by 122,104 tons, merchandise and paper by 84,931 tons and anthracite coal by 23,786 tons.

Sault Ste. Marie Canals:

Canadian and United States Locks:

		December 1931	December 1930
Vessels	No.	244	141
Registered Tonnage	Tons	218,584	196,601
Passengers	No.	16	10
Flour	Barrels	374,360	419,130
Wheat	Bushels	6,154,657	5,622,357
Other Grains	"	1,531,313	2,633,454
Iron Ores	Tons	-	-
Soft Coal	"	12,100	23,500
Total Freight	"	292,215	311,913

UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D. C. 20250

STATE OF CALIFORNIA
 COUNTY OF SAN DIEGO
 PUBLIC LANDS

8.100
 1000

This is to certify that the following lands are public lands of the United States, and are being offered for sale to the highest bidder for cash at public auction on the date and at the place hereinafter specified. The lands are described as follows:

Section 34, Township 35N, Range 12E, San Diego Meridian, San Diego County, California. The lands are being offered for sale to the highest bidder for cash at public auction on the date and at the place hereinafter specified. The lands are described as follows:

This is to certify that the following lands are public lands of the United States, and are being offered for sale to the highest bidder for cash at public auction on the date and at the place hereinafter specified. The lands are described as follows:

Section	Acres	Offered for Sale
34	360.00	Yes
35	360.00	Yes
36	360.00	Yes
37	360.00	Yes
38	360.00	Yes
39	360.00	Yes
40	360.00	Yes
41	360.00	Yes
42	360.00	Yes
43	360.00	Yes
44	360.00	Yes
45	360.00	Yes
46	360.00	Yes
47	360.00	Yes
48	360.00	Yes
49	360.00	Yes
50	360.00	Yes
51	360.00	Yes
52	360.00	Yes
53	360.00	Yes
54	360.00	Yes
55	360.00	Yes
56	360.00	Yes
57	360.00	Yes
58	360.00	Yes
59	360.00	Yes
60	360.00	Yes
61	360.00	Yes
62	360.00	Yes
63	360.00	Yes
64	360.00	Yes
65	360.00	Yes
66	360.00	Yes
67	360.00	Yes
68	360.00	Yes
69	360.00	Yes
70	360.00	Yes
71	360.00	Yes
72	360.00	Yes
73	360.00	Yes
74	360.00	Yes
75	360.00	Yes
76	360.00	Yes
77	360.00	Yes
78	360.00	Yes
79	360.00	Yes
80	360.00	Yes
81	360.00	Yes
82	360.00	Yes
83	360.00	Yes
84	360.00	Yes
85	360.00	Yes
86	360.00	Yes
87	360.00	Yes
88	360.00	Yes
89	360.00	Yes
90	360.00	Yes
91	360.00	Yes
92	360.00	Yes
93	360.00	Yes
94	360.00	Yes
95	360.00	Yes
96	360.00	Yes
97	360.00	Yes
98	360.00	Yes
99	360.00	Yes
100	360.00	Yes

Sault Ste. Marie Canal:
Canadien Lock:

		December 1931	December 1930
Vessels	No.	94	28
Registered Tonnage	Tons	69,784	34,639
Passengers	No.	14	10
Barley	Tons	1,272	2,472
Oats	"	6,911	4,845
Wheat	"	16,059	9,060
Flour	"	22,679	14,265
Total Freight	"	67,379	44,524

Welland Canal:

Vessels	No.	68	62
Registered Tonnage	Tons	79,462	63,302
Barley	"	859	5,952
Corn	"	6,160	-
Oats	"	11,210	7,544
Rye	"	-	3,793
Wheat	"	20,599	16,084
Flour	"	18,619	6,675
Gasolene	"	2,200	-
Petroleum & Other Oils	"	12,200	-
Sugar	"	3,862	1,625
Merchandise	"	1,178	446
Paper	"	-	-
Pulpwood	"	-	-
Soft Coal	"	11,010	12,266
Coke	"	10,444	-
Iron Ore	"	-	-
Other Ore	"	-	-
Sand	"	-	7,600
Total Freight	"	103,954	68,400

St. Lawrence Canals:

Vessels	No.	56	42
Registered Tonnage	Tons	46,794	39,924
Passengers	No.	-	-
Barley	Tons	-	7,992
Corn	"	3,808	-
Oats	"	6,341	6,868
Rye	"	-	-
Wheat	"	5,064	7,420
Flour	"	8,163	6,112
Gasolene	"	600	-
Petroleum & Other Oils	"	3,900	-
Sugar	"	1,700	-
Merchandise	"	-	4,935
Paper	"	-	-
Pulpwood	"	-	-
Hard Coal	"	-	-
Soft Coal	"	1,860	2,432
Sand	"	-	-
Total Freight	"	31,756	38,411

Ottawa Canal

Vessels	No.	-	-
Registered Tonnage	Tons	-	-
Passengers	No.	-	-
Total Freight	Tons	-	-

Trent Canal

Murray Canal

		1931	1930	1931	1930
Vessels	No.	3	-	3	-
Registered Tonnage	Tons	41	-	623	-
Passengers	No.	5	-	-	-
Total Freight	Tons	6	-	-	-

St. Peters Canal

St. Andrew's Canal

		1931	1930		
Vessels	No.	37	68	-	-
Registered Tonnage	Tons	2,963	5,512	-	-
Passengers	No.	-	-	-	-
Total Freight	Tons	1,911	1,856	-	-

No traffic on Rideau and Chambly canals during December 1931 and 1930.

Account	Debit	Credit	Balance
1000		1000.00	1000.00
1010	500.00		500.00
1020	200.00		300.00
1030	100.00		200.00
1040		100.00	300.00
1050		50.00	350.00
1060		25.00	375.00
1070		12.50	387.50
1080		6.25	393.75
1090		3.12	396.87
1100		1.56	398.43
1110		0.78	399.21
1120		0.39	399.60
1130		0.19	399.79
1140		0.09	399.88
1150		0.05	399.93
1160		0.02	399.95
1170		0.01	399.96
1180		0.00	399.96
1190		0.00	399.96
1200		0.00	399.96
1210		0.00	399.96
1220		0.00	399.96
1230		0.00	399.96
1240		0.00	399.96
1250		0.00	399.96
1260		0.00	399.96
1270		0.00	399.96
1280		0.00	399.96
1290		0.00	399.96
1300		0.00	399.96
1310		0.00	399.96
1320		0.00	399.96
1330		0.00	399.96
1340		0.00	399.96
1350		0.00	399.96
1360		0.00	399.96
1370		0.00	399.96
1380		0.00	399.96
1390		0.00	399.96
1400		0.00	399.96
1410		0.00	399.96
1420		0.00	399.96
1430		0.00	399.96
1440		0.00	399.96
1450		0.00	399.96
1460		0.00	399.96
1470		0.00	399.96
1480		0.00	399.96
1490		0.00	399.96
1500		0.00	399.96

Account	Debit	Credit	Balance
1000		1000.00	1000.00
1010	500.00		500.00
1020	200.00		300.00
1030	100.00		200.00
1040		100.00	300.00
1050		50.00	350.00
1060		25.00	375.00
1070		12.50	387.50
1080		6.25	393.75
1090		3.12	396.87
1100		1.56	398.43
1110		0.78	399.21
1120		0.39	399.60
1130		0.19	399.79
1140		0.09	399.88
1150		0.05	399.93
1160		0.02	399.95
1170		0.01	399.96
1180		0.00	399.96
1190		0.00	399.96
1200		0.00	399.96
1210		0.00	399.96
1220		0.00	399.96
1230		0.00	399.96
1240		0.00	399.96
1250		0.00	399.96
1260		0.00	399.96
1270		0.00	399.96
1280		0.00	399.96
1290		0.00	399.96
1300		0.00	399.96
1310		0.00	399.96
1320		0.00	399.96
1330		0.00	399.96
1340		0.00	399.96
1350		0.00	399.96
1360		0.00	399.96
1370		0.00	399.96
1380		0.00	399.96
1390		0.00	399.96
1400		0.00	399.96
1410		0.00	399.96
1420		0.00	399.96
1430		0.00	399.96
1440		0.00	399.96
1450		0.00	399.96
1460		0.00	399.96
1470		0.00	399.96
1480		0.00	399.96
1490		0.00	399.96
1500		0.00	399.96

SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1931

<u>Sault Ste. Marie Canals:</u>		<u>Season of Navigation</u>	
		<u>1931</u>	<u>1930</u>
<u>Canadian and United States Locks:</u>			
Vessels	No.	13,056	16,819
Registered Tonnage	Tons	35,917,607	54,830,314
Passengers	No.	33,582	45,458
Flour	Barrels	8,545,920	8,550,910
Wheat	Bushels	189,272,600	243,832,889
Other Grains	"	56,316,914	55,455,443
Iron Ore	Tons	24,259,964	47,050,854
Soft Coal	"	9,889,144	13,261,531
Hard Coal	"	496,590	782,630
Total Freight	"	44,614,168	72,897,895
<u>Sault Ste. Marie Canal:</u>			
<u>Canadian Lock:</u>			
Vessels	No.	3,094	2,956
Registered Tonnage	Tons	3,806,610	3,481,576
Passengers	No.	20,626	27,831
Barley	Tons	166,362	86,312
Oats	"	165,432	74,433
Wheat	"	755,794	454,247
Flour	"	495,278	402,199
Total Freight	"	2,227,410	1,691,471
<u>Welland Canal:</u>			
Vessels	No.	5,810	5,252
Registered Tonnage	Tons	7,019,293	5,574,567
Passengers	No.	6,887	1,580
Barley	Tons	447,418	197,230
Corn	"	81,685	31,529
Oats	"	224,796	102,115
Rye	"	26,011	64,641
Flax	"	25,478	29,161
Wheat	"	2,146,418	2,546,074
Flour	"	179,140	98,995
Other Mill Products	"	29,362	25,741
Fruit and Vegetables	"	-	-
Other Packing House Pds.	"	1,394	-
Agricultural Implements	"	489	2,979
Cement, Brick, Lime	"	15,917	3,811
Iron, pig-bloom	"	23,876	27,801
Iron and Steel	"	70,518	161,416
Gasoline	"	131,645	{ 478,933
Petroleum & Other Oils	"	434,470	
Sugar	"	199,649	135,001
Salt	"	16,509	3,875
Liquors, etc.	"	1,723	2,003
Merchandise	"	297,017	{ 288,825
Paper	"	136,186	
Pulpwood	"	209,415	364,371
Sawed Lumber	"	337	1,343
Hard Coal	"	8,291	3,008
Soft Coal	"	2,041,940	1,324,539
Coke	"	139,313	1,800
Copper Ore	"	7,561	18,145
Iron Ore	"	295,592	40,862
Other Ore	"	9,062	49,786
Sand	"	68,144	82,426
Total Freight	"	7,273,886	6,087,910

STATE OF TEXAS
 DEPARTMENT OF REVENUE
 TAX COLLECTION

Section of Highway	Amount	Year	Remarks
101.000	100.00	1910	
102.000	100.00	1910	
103.000	100.00	1910	
104.000	100.00	1910	
105.000	100.00	1910	
106.000	100.00	1910	
107.000	100.00	1910	
108.000	100.00	1910	
109.000	100.00	1910	
110.000	100.00	1910	
111.000	100.00	1910	
112.000	100.00	1910	
113.000	100.00	1910	
114.000	100.00	1910	
115.000	100.00	1910	
116.000	100.00	1910	
117.000	100.00	1910	
118.000	100.00	1910	
119.000	100.00	1910	
120.000	100.00	1910	
121.000	100.00	1910	
122.000	100.00	1910	
123.000	100.00	1910	
124.000	100.00	1910	
125.000	100.00	1910	
126.000	100.00	1910	
127.000	100.00	1910	
128.000	100.00	1910	
129.000	100.00	1910	
130.000	100.00	1910	
131.000	100.00	1910	
132.000	100.00	1910	
133.000	100.00	1910	
134.000	100.00	1910	
135.000	100.00	1910	
136.000	100.00	1910	
137.000	100.00	1910	
138.000	100.00	1910	
139.000	100.00	1910	
140.000	100.00	1910	
141.000	100.00	1910	
142.000	100.00	1910	
143.000	100.00	1910	
144.000	100.00	1910	
145.000	100.00	1910	
146.000	100.00	1910	
147.000	100.00	1910	
148.000	100.00	1910	
149.000	100.00	1910	
150.000	100.00	1910	

SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1931

		Season of Navigation	
		1931	1930
<u>St. Lawrence Canals:</u>			
Vessels	No.	10,522	9,519
Registered Tonnage	Tons	5,853,299	5,971,060
Passengers	No.	43,866	51,893
Barley	Tons	474,037	138,393
Buckwheat	"	2	1
Corn	"	83,845	98,441
Oats	"	194,681	72,577
Rye	"	41,017	49,203
Flax	"	17,671	17,078
Peas	"	5	1
Wheat	"	1,947,819	2,400,134
Flour	"	148,134	81,679
Hay	"	706	2,291
Other Mill Products	"	25,700	12,044
Fruit and Vegetables	"	5,880	6,655
Potatoes	"	7	195
Live Stock	"	165	172
Poultry, Game, Fish	"	60	98
Dressed Meats	"	8	34
Other Packing House Products	"	847	563
Hides and Leather	"		257
Wool	"		2
Other Animal Products	"	8,561	7,466
Agricultural Implements	"	575	513
Cement, Brick, Lime	"	583	8,625
H.F. Goods and Furniture	"	264	194
Iron, pig and bloom	"	2,977	7,716
Iron and Steel	"	87,697	131,857
Gasolene	"	63,906	
Petroleum and Other Oils	"	431,198	304,821
Sugar	"	155,751	136,469
Salt	"	4,322	1,443
Liquors, etc.	"	15,146	15,039
Merchandise	"	392,487	367,659
Paper	"	60,103	
Pulpwood	"	384,626	684,505
Sawed Lumber	"	33,618	38,861
Squared Timber	"	2,878	300
Shingles	"	245	30
Other Wood	"	599	3,017
Hard Coal	"	134,730	110,944
Soft Coal	"	815,619	916,932
Coke	"	2,520	862
Copper Ore	"	6,893	5,717
Iron Ore	"	42,747	66,470
Other Ore	"	19,362	34,384
Sand	"	428,989	455,377
Total Freight	"	6,036,980	6,179,023
<u>Ottawa Canal:</u>			
Vessels	No.	3,135	3,258
Registered Tonnage	Tons	620,791	693,000
Passengers	No.	24,648	22,982
Total Freight	Tons	492,919	540,933
<u>Rideau Canal:</u>			
Vessels	No.	511	517
Registered Tonnage	Tons	45,973	51,452
Passengers	No.	793	785
Total Freight	Tons	27,521	28,210

SUMMARY OF CANAL STATISTICS
FOR SEASON OF NAVIGATION, 1931

		Season of Navigation	
		1931	1930
<u>Chambly Canal:</u>			
Vessels	No.	521	779
Registered Tonnage	Tons	39,570	81,989
Passengers	No.	158	164
Total Freight	Tons	50,336	99,998
<u>Trent Canal:</u>			
Vessels	No.	2,406	1,726
Registered Tonnage	Tons	53,787	54,848
Passengers	No.	29,267	26,989
Total Freight	Tons	23,172	23,785
<u>Murray Canal:</u>			
Vessels	No.	482	443
Registered Tonnage	Tons	74,867	69,700
Passengers	No.	60	-
Total Freight	Tons	889	2,316
<u>St. Peter's Canal:</u>			
Vessels	No.	887	865
Registered Tonnage	Tons	73,373	79,784
Passengers	No.	126	194
Total Freight	Tons	X 47,326	59,973
<u>St. Andrew's Canal:</u>			
Vessels	No.	277	847
Registered Tonnage	Tons	30,475	115,645
Passengers	No.	202	893
Total Freight	Tons	16,276	89,715

TRAFFIC ON CANADIAN CANALS, 1931

Canal	Freight Tonnage	Compared with 1930	
		Increase	Decrease
Sault Ste. Marie	2,227,410	535,933	
Welland	7,273,886	1,185,976	
St. Lawrence	6,036,980		142,043
Chambly	50,336		49,662
St. Peter's	47,326		12,647
Murray	889		1,427
Ottawa	492,919		48,014
Rideau	27,521		689
Trent	23,172		613
St. Andrew's	X 16,276		73,439
TOTAL #	16,196,715	1,393,381	

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

X Subject to revision.

