

54 001

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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

Memorandum

SUMMARY OF CANAL STATISTICS  
OCTOBER, 1956

Price per year \$1.00

The amount of freight transported through the eleven Canadian canals during the month of October totalled 5,118,784 tons, an increase of 733,984 tons or 16.7 per cent over the October, 1955 total of 4,384,800 tons. Increased traffic was reported by the Welland, the St. Lawrence and three of the smaller canals, while a decrease was recorded at the Canadian lock of the Sault Ste. Marie canal. Commodities responsible for the overall advance over the previous October include wheat, bituminous coal, iron ore and fuel oil. The number of vessel passages advanced to 3,964 from 3,263 and the registered net tonnage rose to 4,567,420 tons from 3,890,151 in October, 1955.

Sault Ste. Marie Canals - Canadian and United States Locks: Although the amount of freight through the Canadian lock declined this October to 275,391 tons from 288,037 in October 1955, the total cleared through the combined system rose to 16,394,498 tons from 15,175,994, a gain of 1,218,504 tons or 8.0 per cent, due mainly to increased eastbound shipments of iron ore which advanced to 13,087,974 tons from 12,260,842; wheat rose to 537,760 tons from 473,417 and crude petroleum increased to 115,839 tons from 66,488. West-bound shipments of bituminous coal rose to 1,339,567 tons from 1,116,809 in the previous October. The number of vessel passages increased to 2,903 from 2,789 while the registered net tonnage rose to 13,632,491 net tons from 12,882,895.

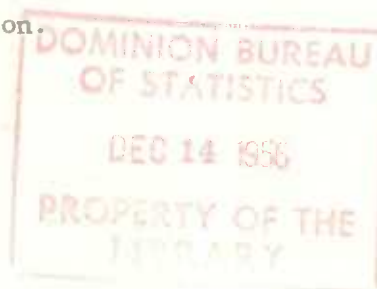
Welland Ship Canal: Total freight transported through the Welland Ship canal in October increased to 2,987,708 tons from 2,529,568 in October 1955, an increase of 458,140 tons or 18.1 per cent. Commodities which contributed to the advance this October include: wheat which totalled 277,035 tons as compared with 211,684 tons a year earlier; bituminous coal which advanced to 658,883 tons from 558,989; iron ore which rose to 896,721 tons from 720,973 and fuel oil which increased to 118,812 tons from 76,765 in the preceding October. Decreases were reported for flaxseed and crude petroleum. A total of 1,182 vessels of 2,583,811 registered net tons cleared through the system as compared with the October 1955 total of 1,029 vessels of 2,201,106 net tons.

St. Lawrence Canals: The volume of freight shipped through the St. Lawrence system during October amounted to 1,790,603 tons as compared with 1,526,240 tons in October 1955, a gain of 264,363 tons or 17.3 per cent. Although the tonnage of a number of commodities including rye, flour, crude petroleum and newsprint was lower than in the previous October, an overall increase was reported as the tonnage was higher for such commodities as wheat, corn, oats, barley, bituminous coal, iron ore, gasoline and fuel oil. Wheat shipments advanced to 308,291 tons from 175,818; bituminous coal rose to 251,936 tons from 228,180; iron ore increased to 352,445 tons from 300,604 and cargoes of fuel oil totalled 132,405 tons as against 111,895 in the previous October. Vessel passages numbered 1,458 aggregating 1,283,697 registered net tons as compared with 1,253 vessels of 1,127,128 net tons in the preceding October.

Prepared in the Public Finance and Transportation Division.

Transportation and Public Utilities Section.

8504-517:106





SUMMARY OF CANAL STATISTICS

	OCTOBER, 1956		OCTOBER, 1955		Cumulative 1956	Cumulative - 1955
	Canadian lock	Canadian and U.S. locks	Canadian Lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
<u>SAULT STE. MARIE CANALS</u>						
<u>WESTBOUND</u>						
Number of vessel passages	214	1,445	215	1,405	9,216	9,788
Registered net tonnage	373,264	6,808,595	283,099	6,557,551	37,645,691	41,030,973
Number of passengers	13	67	118	168	61,326	97,944
<u>Commodities (Cargo tons)</u>						
Cement	-	-	-	35,527	162,936	177,746
Coal, bituminous	11,452	1,339,567	2,600	1,116,809	9,083,096	8,157,905
Coal, anthracite	-	66,345	5,777	37,568	411,118	229,785
Coke	-	6,014	-	-	21,672	40,845
Iron ore	-	61,824	-	17,314	335,646	146,206
Manufactured iron & steel	917	24,199	248	24,194	156,067	164,364
Salt	4,679	17,998	113	21,833	93,246	102,418
Sand, gravel and stone	3,803	213,343	-	140,819	1,412,844	1,354,650
Gasoline	10,900	56,745	11,229	57,421	334,982	296,972
Fuel oil	21,159	50,451	22,343	46,932	385,516	310,873
Other petroleum products	517	517	3,697	3,697	23,817	34,560
Autos, trucks & parts	1,126	5,818	616	7,872	37,029	51,278
All other freight	40,503	49,318	39,614	66,411	349,896	360,669
<b>TOTAL FREIGHT</b>	<b>95,056</b>	<b>1,892,139</b>	<b>86,237</b>	<b>1,576,397</b>	<b>12,807,865</b>	<b>11,428,271</b>

SAULT STE. MARIE CANALS  
TOTAL

Number of vessel passages	384	2,903	421	2,789	18,314	19,480
Registered net tonnage	587,935	13,632,491	495,817	12,882,895	74,734,587	81,356,979
Number of passengers	60	161	235	348	123,194	198,396
Number of pleasure craft	22	22	15	15	512	581
Tons of freight	275,391	16,394,498	288,037	15,175,994	93,336,045	102,026,153

	OCTOBER, 1956			OCTOBER 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	605	577	1,182	1,029	8,029	7,969
Registered net tonnage	1,308,250	1,275,561	2,583,811	2,201,106	17,241,549	16,226,753
Number of passengers	-	-	-	-	111	103
Number of pleasure craft	-	-	-	-	11	43

Commodities (Cargo tons)

Wheat	-	277,035	277,035	211,684	2,720,045	2,274,355
Corn	-	34,346	34,346	19,798	176,902	138,462
Oats	-	75,150	75,150	36,681	268,905	252,501
Barley	-	156,773	156,773	137,913	1,089,670	1,017,559
Rye	-	3,492	3,492	20,575	253,792	175,547
Flaxseed	-	65,882	65,882	78,892	261,594	217,608
Other grain	-	73,703	73,703	73,282	189,050	131,354
Flour	-	315	315	1,222	6,130	12,282
Mill products	-	2,142	2,142	-	14,364	6,271
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	658,883	658,883	558,989	4,991,928	4,659,544
Coke	800	3,522	4,322	n.a.	20,612	n.a.
Iron ore	403,079	493,642	896,721	720,973	4,718,387	3,924,487
Petroleum, crude	-	131,953	131,953	96,548	975,627	867,797
Sand, gravel and stone	3,692	4,880	8,572	16,510	126,388	140,122
Salt	-	18,649	18,649	n.a.	119,668	n.a.
Pulpwood	56,207	23,778	79,985	75,408	487,674	473,162
Gasoline	15,667	20,565	36,232	34,931	290,759	376,846
Fuel oil	65,220	46,592	111,812	76,765	838,897	716,431
Petroleum oils & other petroleum prod.	27,221	19,161	46,382	54,473	404,667	391,802
Iron and steel	17,730	8,764	26,494	n.a.	113,184	n.a.
Autos, trucks and parts	447	6	453	220	8,359	2,958
Wood pulp	8,818	5,525	14,343	7,862	61,970	41,660
Newsprint	43,673	2,066	45,739	53,182	293,203	312,089
Other manufactured products	17,436	37,446	54,882	n.a.	314,029	n.a.
All other freight	68,704	94,744	163,448	253,660	1,083,174	1,617,951
<b>TOTAL FREIGHT</b>	<b>728,694</b>	<b>2,259,014</b>	<b>2,987,708</b>	<b>2,529,568</b>	<b>19,828,978</b>	<b>17,750,788</b>



1010701999

SUMMARY OF CANAL STATISTICS

	OCTOBER, 1956			OCTOBER 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	714	744	1,458	1,253	10,087	9,027
Registered net tonnage	625,400	658,297	1,283,697	1,127,128	12,886,732	7,765,227
Number of passengers	4	-	4	-	30	25
Number of pleasure craft	-	-	27	45	713	879
<u>Commodities (Cargo tons)</u>						
Wheat	900	307,391	308,291	175,818	2,268,683	1,744,262
Corn	-	24,415	24,415	12,847	134,522	95,459
Oats	765	36,952	37,717	25,889	160,865	156,712
Barley	-	111,224	111,224	96,048	888,771	753,717
Rye	-	1,814	1,814	9,271	160,251	167,627
Flaxseed	-	39,819	39,819	40,836	137,042	127,427
Other grain	-	17,981	17,981	9,426	29,940	23,916
Flour	-	315	315	2,058	5,999	11,482
Mill products	1,185	439	1,624	-	15,930	6,960
Coal, anthracite	-	-	-	-	-	3,887
Coal, bituminous	83	251,853	251,936	228,180	1,536,318	1,391,929
Coke	-	-	-	n.a.	13,920	n.a.
Iron ore	352,445	-	352,445	300,604	2,426,767	1,521,231
Petroleum, crude	43,803	-	43,803	47,125	287,213	243,765
Sand, gravel and stone	3,100	35,100	38,200	26,678	256,275	240,090
Salt	-	12,718	12,718	n.a.	107,132	n.a.
Pulpwood	77,737	-	77,737	77,700	451,168	417,920
Gasoline	5,600	13,500	19,100	13,750	92,557	71,858
Fuel oil	96,655	35,750	132,405	111,895	818,646	897,715
Petroleum oils & other petroleum prod.	9,678	2,061	11,739	17,242	119,854	115,234
Iron and steel	14,655	2,282	16,937	n.a.	87,950	n.a.
Autos, trucks and parts	379	5	384	268	3,564	2,032
Wood pulp	9,402	-	9,402	6,329	46,037	26,704
Newsprint	19,893	973	20,866	22,551	134,740	145,873
Other manufactured products	31,916	4,885	36,801	n.a.	260,367	n.a.
All other freight	118,137	104,793	222,930	301,725	1,368,023	1,683,732
<b>TOTAL FREIGHT</b>	<b>786,333</b>	<b>1,004,270</b>	<b>1,790,603</b>	<b>1,526,240</b>	<b>11,812,534</b>	<b>9,849,532</b>
<u>CANSO CANAL</u>						
Number of vessel passages	224	207	431	156	2,818	282
Registered net tonnage	22,407	16,331	38,738	8,280	173,138	14,565
Number of passengers	-	-	-	29	-	29
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	n.a.	-	n.a.
Fruit and vegetables	-	186	186	" "	691	" "
Fish	2	1,992	1,994	" "	12,542	" "
Coal	60	-	60	" "	60	" "
Coke	-	-	-	" "	-	" "
Ores	-	-	-	" "	-	" "
Pulpwood	-	-	-	" "	-	" "
Gasoline	3,550	-	3,550	" "	7,733	" "
Petroleum oils and other petroleum prod.	2,320	-	2,320	" "	6,995	" "
Iron and steel	-	-	-	" "	-	" "
Newsprint	-	-	-	" "	-	" "
All other freight	1,389	495	1,884	" "	14,811	" "
<b>TOTAL FREIGHT</b>	<b>7,321</b>	<b>2,673</b>	<b>9,994</b>	<b>3,364</b>	<b>42,832</b>	<b>6,440</b>