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DOMINION BUREAU OF STATISTICS

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DOMINION BUREAU
OF STATISTICS

SEP 1 SUMMARY OF CANAL STATISTICS

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JULY, 1957

The volume of freight cleared through Canadian canals during July totalled 5,532,998 tons, a decrease of 195,222 tons or 3.4 per cent from the July 1956 total of 5,728,220 tons. Decreases in freight tonnage were registered by the Sault Ste. Marie, the St. Lawrence, the St. Andrew's and the Trent canals, but increases were recorded in traffic through the Welland Ship and five of the smaller canals. The number of vessel passages declined to 4,705 from 5,112 and the registered net tonnage dropped to 4,808,467 tons from 5,167,807. The number of passengers was lower in the current July, declining to 32,554 from 45,044 while pleasure craft lockages increased to 26,924 from 23,438 in July, 1956.

Sault Ste. Marie Canals - Canadian and United States Locks: Although the amount of freight shipped through the Canadian lock declined this July to 226,045 tons from 551,793, the total transported through the combined system rose to 17,744,529 tons from 6,825,951, an advance of 10,918,578 tons or 160 per cent due mainly to increased shipments of iron ore which advanced to 14,727,979 tons from 3,009,279. Westbound cargoes of bituminous coal rose to 879,906 tons from 819,684. The number of vessel passages increased to 3,755 aggregating 14,463,155 net tons from 2,098 vessels of 5,402,545 net tons in July of last year.

Welland Ship Canal: The tonnage of freight transported through the Welland Ship canal in July amounted to 3,308,935 tons as compared with the July 1956 total of 3,169,051. The advance of 139,884 tons or 4.4 per cent was due to heavier traffic in iron ore which rose to 1,092,238 tons from 477,132 and fuel oil which advanced to 205,461 tons from 156,014. Decreases were reported for several commodities including wheat, barley, flaxseed and bituminous coal. The biggest drop was registered in bituminous coal which declined to 615,083 tons from 868,380. A total of 1,338 vessels of 2,749,942 net tons was cleared through the system as compared with the July 1956 total of 1,260 vessels of 2,788,903 net tons.

St. Lawrence Canals: Total freight cleared through the St. Lawrence system during July declined to 1,850,485 tons from 1,939,301 in July 1956, a decrease of 88,816 tons or 4.6 per cent. Although the tonnage of a number of commodities including flaxseed, bituminous coal, iron ore and newsprint was higher than in the previous July, these increases were offset by declines, particularly in wheat and barley. Shipments of wheat dropped to 342,450 tons from 500,224 and barley declined to 61,653 tons from 149,796. Pulpwood also recorded a decrease with total shipments of 60,844 tons as against 82,552. Vessel passages numbered 1,715 aggregating 1,289,314 registered net tons, compared with 1,681 vessels of 1,425,388 net tons in the previous July.

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

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SUMMARY OF CANAL STATISTICS

	July, 1957					Cumulative Tons of freight-1957	
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight		
ALL CANADIAN CANALS	4,705	4,808,467	32,554	26,924	5,532,998	18,772,107	
Canso Canal	188	52,235	2	-	57,738	159,395	
Murray Canal	77	5,997	-	767	-	-	
Ottawa River Canals	315	81,023	-	1,732	69,300	184,500	
Richelieu River Canal	127	18,222	25	-	18,270	43,398	
Rideau Canal	87	2,995	246 ⁽¹⁾	11,434	1,075	5,587	
St. Andrew's Canal	40	3,277	- ⁽²⁾	162	945	2,719	
St. Lawrence Canals	1,715	1,289,314	8	264	1,850,485	6,162,195	
St. Peter's Canal	65	943	45	-	196	865	
Sault Ste. Marie Canal	739	601,296	32,228	247	226,045	702,704	
Trent Canal	14	223	- ⁽³⁾	12,318	9	26	
Welland Ship Canal	1,338	2,749,942	-	-	3,308,935	11,510,718	
			July, 1956				Cumulative -1956
ALL CANADIAN CANALS	5,112	5,167,807	45,044	23,438	5,728,220	19,121,375	
Canso Canal	426	16,332	-	-	4,729	23,728	
Murray Canal	66	5,525	321	585	-	-	
Ottawa River Canals	211	52,130	-	1,232	46,800	128,700	
Richelieu River Canal	107	13,502	62	-	13,205	46,204	
Rideau Canal	37	977	150	10,023	111	154	
St. Andrew's Canal	106	9,981	64	114	3,073	3,198	
St. Lawrence Canals	1,681	1,425,388	2	238	1,939,301	6,342,978	
St. Peter's Canal	76	1,273	-	-	75	637	
Sault Ste. Marie Canals	1,121	853,452	44,445	173	551,793	1,569,106	
Trent Canal	21	344	-	11,073	82	94	
Welland Ship Canal	1,260	2,788,903	-	-	3,169,051	11,006,576	

	July, 1957		July, 1956		Cumulative-1957	Cumulative-1956
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
SAULT STE. MARIE CANALS						
EASTBOUND						
Number of vessel passages	392	1,885	546	1,054	5,278	4,800
Registered net tonnage	218,173	7,271,511	384,435	2,747,400	22,855,055	19,511,033
Number of passengers	26,153	29,912	22,308	22,464	37,837	28,283
Commodities (Cargo tons)						
Newsprint and wood pulp	23,637	24,220	19,681	20,159	91,973	80,303
Pulpwood, lumber and logs	-	60,040	11,150	65,710	146,506	161,802
Wheat	39,488	780,752	224,967	1,391,801	3,205,985	4,839,335
Barley	13,878	124,406	58,354	345,000	712,930	1,161,589
Oats	8,547	120,763	56,570	169,407	362,252	424,846
Corn	-	-	-	-	61,378	1,362
Rye	546	35,043	593	142,259	143,021	385,543
Flaxseed	816	91,521	989	25,829	290,875	194,618
Flour	10,187	10,187	9,120	9,120	27,715	34,713
Other grain & mill products	17,245	23,178	32,729	37,878	85,747	122,448
Iron ore	-	14,727,979	-	3,009,279	44,502,909	34,107,700
Manufactured iron & steel	20,876	33,697	18,926	22,286	118,206	59,405
Pig iron	-	33,665	-	28,571	85,873	103,946
Scrap iron	-	27,505	-	17,470	120,614	121,576
Sand, gravel and stone	16,360	16,360	18,400	18,400	43,060	59,800
Petroleum, crude	-	127,556	-	133,606	410,899	494,777
Other petroleum products	2,800	2,800	-	-	15,080	14,490
All other freight	3,441	3,568	2,637	2,637	7,979	19,245
TOTAL FREIGHT	157,821	16,243,240	454,116	5,439,412	50,433,002	42,387,498

- (1) Exclusive of 6,905 paying passengers on sight seeing pleasure boat cruises.
- (2) Exclusive of 33,238 passengers carried in pleasure craft.
- (3) Exclusive of 775 passengers carried in pleasure craft.
- (3) 45,044 passengers carried in small boats.
One passenger through one lock station recorded as "1".
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

	July, 1957		July, 1956		Cumulative -1957	Cumulative - 1956
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
SAULT STE. MARIE CANALS						
WESTBOUND						
Number of vessel passages	347	1,870	575	1,044	5,386	4,933
Registered net tonnage	383,123	7,191,644	469,017	2,655,145	23,338,601	20,058,273
Number of passengers	6,075	29,949	22,137	22,274	38,335	28,304
Commodities (Cargo tons)						
Cement	-	34,554	-	28,892	106,287	119,309
Coal, bituminous	9,146	879,906	14,517	819,684	4,502,388	4,813,384
Coal, anthracite	-	75,432	-	64,161	196,654	168,040
Coke	-	-	-	2,523	37,631	14,675
Iron ore	-	101,401	-	60,149	182,787	189,914
Manufactured iron & steel	1,812	22,547	858	13,176	90,891	108,605
Scrap iron	-	-	-	n.a.	12,100	n.a.
Salt	176	5,706	30	11,257	47,618	46,529
Sand, gravel and stone	-	213,403	-	181,319	826,328	854,887
Gasoline	5,430	35,492	11,648	61,632	168,005	180,579
Fuel oil	10,900	66,478	18,005	70,073	196,691	220,036
Other petroleum products	583	5,833	8,037	8,037	11,351	16,559
Autos, trucks & parts	1,119	7,892	1,518	7,440	26,488	25,483
All other freight	39,058	52,645	43,064	58,196	191,639	195,687
TOTAL FREIGHT	68,224	1,501,289	97,677	1,386,539	6,596,858	6,953,687
SAULT STE. MARIE CANALS						
TOTAL						
Number of vessel passages	739	3,755	1,121	2,098	10,664	9,733
Registered net tonnage	601,296	14,463,155	853,452	5,402,545	46,193,656	39,569,306
Number of passengers	32,228	59,861	44,445	44,738	76,172	56,587
Number of pleasure craft	247	247	173	173	353	275
Tons of freight	226,045	17,744,529	551,793	6,825,951	57,029,860	49,341,185

	July, 1957			July, 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
WELLAND SHIP CANAL						
Number of vessel passages	689	649	1,338	1,260	4,615	4,373
Registered net tonnage	1,371,958	1,377,984	2,749,942	2,788,903	9,855,830	9,604,752
Number of passengers	-	-	-	-	21	105
Number of pleasure craft	-	-	-	-	-	-
Commodities (Cargo tons)						
Wheat	-	489,570	489,570	626,939	1,429,855	1,764,570
Corn	-	21,024	21,024	28,463	99,538	115,381
Oats	-	29,369	29,369	48,000	105,873	129,784
Barley	-	63,677	63,677	198,236	386,377	612,964
Rye	-	-	-	64,443	4,060	239,179
Flaxseed	-	90,679	90,679	23,254	277,805	147,310
Other grain	-	30,735	30,735	4,631	76,185	75,718
Flour	213	262	475	1,759	4,239	4,897
Mill products	-	3,390	3,390	5,289	7,737	9,638
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	615,083	615,083	868,380	3,172,168	3,036,218
Coke	-	6,446	6,446	4,190	11,217	9,076
Iron ore	501,521	590,717	1,092,238	477,132	2,956,344	2,106,071
Petroleum, crude	-	112,919	112,919	148,178	518,973	587,324
Sand, gravel and stone	6,568	-	6,568	51,019	43,616	95,320
Salt	-	26,450	26,450	23,142	51,307	68,247
Pulpwood	48,074	32,554	80,628	74,214	200,224	188,226
Gasoline	24,000	10,549	34,549	47,695	149,004	166,093
Fuel oil	22,844	182,617	205,461	156,014	505,939	452,115
Petroleum oils & other petroleum prod.	32,297	26,039	58,336	53,236	217,909	205,577
Iron and steel	5,935	37,416	43,351	8,441	83,477	43,243
Autos, trucks and parts	873	-	873	4,490	3,599	6,765
Wood pulp	-	-	-	3,515	17,686	30,636
Newsprint	62,569	286	62,855	42,238	211,437	159,704
Other manufactured products	21,183	41,737	62,920	44,273	121,985	164,444
All other freight	74,121	97,218	171,339	161,880	854,164	588,076
TOTAL FREIGHT	800,198	2,508,737	3,308,935	3,169,051	11,510,718	11,006,576



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SUMMARY OF CANAL STATISTICS

	July, 1957			July, 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
ST. LAWRENCE CANALS						
Number of vessel passages	853	862	1,715	1,681	5,681	5,436
Registered net tonnage	636,814	652,500	1,289,314	1,425,388	4,408,523	4,698,753
Number of passengers	8	-	8	2	77	14
Number of pleasure craft	-	-	264	238	413	378
Commodities (Cargo tons)						
Wheat	-	342,450	342,450	500,224	1,128,078	1,366,987
Corn	-	16,564	16,564	14,461	58,855	85,605
Oats	-	16,014	16,014	32,890	62,150	83,380
Barley	-	61,653	61,653	149,796	281,085	469,125
Rye	-	-	-	10,609	4,059	157,221
Flaxseed	-	84,992	84,992	16,593	210,610	68,206
Other grain	-	2,558	2,558	-	11,504	10,367
Flour	-	1,828	1,828	1,293	6,279	4,766
Mill products	-	2,013	2,013	2,352	4,414	11,011
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	2,885	242,236	245,121	184,907	935,350	715,202
Coke	-	-	-	3,929	2,169	7,837
Iron ore	441,537	960	442,497	403,515	1,451,097	1,322,959
Petroleum, crude	10,064	-	10,064	36,925	23,819	149,755
Sand, gravel and stone	-	63,000	63,000	44,775	177,500	126,675
Salt	-	11,438	11,438	31,066	36,295	68,442
Pulpwood	60,844	-	60,844	82,552	150,809	177,072
Gasoline	7,043	8,100	15,143	16,357	50,043	42,332
Fuel oil	95,865	24,940	120,805	115,078	367,803	434,749
Petroleum oils & other petroleum prod.	21,788	1,719	23,507	12,094	70,766	55,994
Iron and steel	1,517	36,227	37,744	11,020	72,416	42,244
Autos, trucks and parts	337	18	355	1,113	1,963	2,327
Wood pulp	3,956	-	3,956	4,219	14,437	24,435
Newsprint	35,610	286	35,896	15,456	111,151	70,867
Other manufactured products	19,985	31,331	51,316	39,826	77,606	133,785
All other freight	90,944	109,783	200,727	208,251	851,937	711,635
TOTAL FREIGHT	792,375	1,058,110	1,850,485	1,939,301	6,162,195	6,342,978
CANSO CANAL						
Number of vessel passages	98	90	188	426	549	1,570
Registered net tonnage	26,322	25,913	52,235	16,332	171,228	91,059
Number of passengers	-	2	2	-	9	-
Number of pleasure craft	-	-	-	-	-	-
Commodities (Cargo tons)						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	645	462
Fish	23	1,930	1,953	2,615	3,461	5,486
Coal	-	-	-	-	25	-
Coke	-	-	-	-	-	-
Ores	-	4,307	4,307	-	4,307	-
Pulpwood	1,850	-	1,850	-	9,428	-
Gasoline	9,725	7,240	16,965	420	54,151	2,881
Petroleum oils and other petroleum prod.	10,058	2,000	12,058	1,000	34,185	3,285
Iron and steel	-	-	-	-	1,650	-
Newsprint	-	-	-	-	870	-
All other freight	10,366	10,239	20,605	694	50,673	11,614
TOTAL FREIGHT	32,022	25,716	57,738	4,729	159,395	23,728