MONTHLY



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

October, 1959

Due largely to the increased volume of west bound iron ore, total freight cleared through Canadian canals during October increased 66 p.c. to 7,711,970 tons from 4,636,589 in October, 1958. Heavier traffic was reported by the Welland, St. Lawrence, Sault Ste. Marie and Canso canals. Vessel passages were up 15 p.c. to 4,259 from 3,704 while the registered net tonnage increased 59 p.c. to 6,442,-160 tons from 4,045,898. Pleasure craft lockages increased to 1,757 from 1,516 and the number of passengers rose to 3,708 from 1,412.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight cleared through the combined system dropped 64 p.c. to 4,254,678 tons from 11,847,518 in October 1958. Traffic using the Canadian canal increased to 172,990 tons from 162,447. Because of the steel strike, east bound shipments of iron ore through the combined system were reduced to 1,154,580 tons from 8,773,620. Total eastbound freight dropped to 2,713,615 tons from 10,370,007 while westbound freight rose 4 p.c. to 1,541,063 tons from 1,477,511. Vessel passages through both canals declined to 1,488 from 2,287 while the registered net tonnage dropped to 3,716,519 tons from 9,885,404.

Welland Ship Canal: The volume of freight transported through the Welland Ship Canal during October increased 40 p.c. to 3,784,475 tons from 2,694,603 in the corresponding month last year. Major increases included iron ore up to 1,034,311 tons from 530,647, bituminous coal up to 562,000 tons from 484,059, fuel oil to 130,187 tons from 82,955, oats to 132,534 tons from 61,544 and barley to 178,675 tons from 123,954. Total eastbound freight rose 5 p.c. to 2,131,659 tons while westbound freight more than doubled, rising to 1,652,816 tons from 666,663. Vessel passages during the month totalled 1,128 with a registered net tonnage of 2,989,222 tons as against 1,084 vessels of 2,345,305 tons in October 1958.

St. Lawrence Canals: Freight cleared through the St. Lawrence canals during October increased to 3,582,269 tons from 1,636,039 in October, 1958. Shipments of westbound iron ore which rose to 1,218,626 tons from 259,142 accounted for 49 p.c. of the increase. Grain traffic also was heavier. Wheat shipments were up to 513,825 tons from 335,094, oats to 121,651 tons from 36,237, and barley to 153,549 tons from 88,922. Other commodities showing increases included coal, up to 242,124 tons from 163,930 and fuel oil up to 190,282 tons from 70,406. Total eastbound freight was up 55 p.c. to 1,484,999 tons from 960,776 while westbound freight trebled, rising to 2,097,270 tons from 675,263. During the month 2,112 vessels of 2,956,247 registered net tons passed through the canals, compared with 1,564 vessels of 1,223,576 tons in October 1958.

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

8504-517-109

SUMMARY OF CANAL STATISTICS

	Number of vessel	Registered net tonnage	Number of	Number of pleasure	Ton s
	passages	of vessels	passengers	craft	freint
			OCTOBER, 1959	4 757	7 77 070
ALL CANADIAN CANALS:	4,259	6,442,160	3,708	1,757	7,711,970
Canso Canal	180	90,855	-	-	98,341
Murray Canal	27 279	6,667	13	40 178	56,700
Ottawa River Canals Richelieu River Canal	120	69,364	1.3	9	16,277
Rideau Canal	3	193	2 (1)	698	
St. Andrew's Canal	58	4,372	7 (2)	76	880
St. Lawrence Canals	2,112	2,956,247	115	36 (4)	3,582,269
St. Peter's Canal	15 335	236 306,182	3,452	7 (4)	32 172,990
Sault Ste. Marie Canal Trent Canal	2	23	- (3)	701	6
Welland Ship Canal	1,128	2,989,222	119	8 (4)	3,784,475
			OCTOBER, 1958		
ALL CANADIAN CANALS:	3,704	4,045,898	1,412	1,516	4,636,589
Canso Canal	187	62,499			66,971
Murray Canal	24	5,110	-	57	-
Ottawa River Canals	257	68,541	-	154	58,500
Richelieu River Canal	97	16,403	-		16,693
Rideau Canal	9	301	31 (1)	563	12
St, Andrew's Canal	74	5,674	- (2)	50	1,154
St. Lawrence Canals	1,564	1,223,576		34	1,636,039
St. Peter's Canal Sault Ste. Marie Canal	360	317,757	1,381	24	162,447
Trent Canal	7	94	- (3)	633	16
Welland Ship Canal	1,084	2,345,305		1	2,694,603
			OCTOBER, 1954		
SAULT STE. MARIE CANALS EAST BOUND					
Canadian Lock	197	121,921	3,284	- 6	88,310
Canadian and U.S. Locks	731	1,803,318	3,582	4	2,713,619
SAULT STE. MARIE CANALS					
WEST BOUND					
Canadian Lock	138	184,261	168	3	84,480
Canadian and U.S. Locks	757	1,913,201	3,298	3	1,541,063
SAULT STE. MARIE CANALS					
TOTAL					
Canadian Lock - October, 1959	335	306,182	3,452	7	172,990
Can. & U.S. Locks - October, 1959	1,488	3,716,519	6,880	7	4,254,678
Canadian Lock - October, 1958	360	317,757	1,381	24 24	162,447
Can. & U.S. Locks - October, 1958	2,287	9,885,404	3,033	24	11,047,510
WELLAND SHIP CANAL					
East Bound	530	1,421,879	18	3	2,131,659
West Bound	598	1,567,343	101 119	5 8	1,652,816
Total - October 1959 Total - October 1958	1,128	2,989,222 2,345,305	- 119	1	3,784,475 2,694,600
ST. LAWRENCE CANALS East Bound	1,030	1,437,223	44	17	1,484,999
West Bound	1,082	1,519,024	71	19	2,097,270
Total - October 1959	2,112	2,956,247	115	36	3,582,269
Total - October 1958	1,564	1,223,576		34	1,636,039

Exclusive of 256 paying passengers on sight seeing pleasure boat cruises, and 1,556 passengers carried in pleasure craft (543 and 1,316 in 1958)
 Exclusive of 116 passengers carried in pleasure craft.
 2,072 passengers carried in small boats. (1,851 in 1958)
 Included with number of vessel passages.

One passenger through one lock station recorded as "l". One pleasure craft through one lock station recorded as "l".

SUMMARY OF CANAL STATISTICS

October, 1959

	EAST	BOUND	WEST	BOUND	TOTAL		
COMMODITIES	Canadian			Canadian and		Canadian an	
	Lock	U.S. Locks	Lock	U.S. Locks	Lock	U.S. Locks	
SAULT STE. MARIE CANALS:							
Wheat	7,803	786,180		-	7,803	786,180	
Corn	-	1,329	-	-	-	1,329	
Oats	7,850	149,372	-	-	7,850	149,372	
Barley	2,261	320,917	-		2,261	320,917	
Rye	-	18,490	-		-	18,490	
Flour		15,332	62	62	62	15,394	
Mill products, other	12,524	41,138	-		12,524	41,138	
Flaxseed	-	84,146	-			84,146	
Products of agriculture, other	2,862	2,862	180	180	3,042	3,042	
Coal, bituminous			2,017	1,024,703	2,017	1,024,703	
Coal, anthracite			_	47,328		47,328	
Coke		-		5,882		5,882	
Iron ore		1,154,580		22,444	-	1,177,024	
Sand, gravel and stone	11,233	11,233		173,635	11,233	184,868	
Pulpwood, lumber and logs		35,060		-	_	35,060	
Gasoline		_	20,841	39,268	20,841	39,268	
Fuel, road, and petroleum			VIII -				
residual oils		_	33,652	104,454	33,652	104,454	
Iron, pig		39,781	-		-	39,781	
Manufactured iron and steel	4,579	4,579	24	439	4,603	5,018	
Motor vehicles			51	4.987	51	4,987	
Cement			-	40,832		40,832	
Paper and wood pulp	13.614	14,601	***	_	13,614	14,601	
Scrap iron and steel		6,775		_		6,775	
Domestic package freight	8,452	8,452	17,319	17,319	25,771	25,771	
Manufactures and miscellaneous -	,	0,-52	2.,,02.	,	,	,	
other	17,332	18,788	10,334	59,530	27,666	78,318	
TOTAL	88,510	2,713,615	84,480	1,541,063	172,990	4,254,678	

	E	AST BOUND			WEST BOUND			TOTAL	
TELLAND SHIP CANAL:	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
Wheat	485,500		485,500	18,320		18,320	503,820		503,820
Corn	50,993		50,993	10,520		.0,520	50,993		50,993
Oats	132,534		132,534				132,534		132,534
	178,675		178,675				178,675		178,67
Barley	3,778		3,778	_			3,778		3,77
Rye	29,284	2,579	31,863	224		224	29,508	2,579	32,08
Flour	5,145	2,319	5,145	1	9	10	5,146	9	5,15
Mill products, other	125,804		125,804		-	-	125,804		125,80
Soybeans	8,724	382	9,106				8,724	382	9,10
Beans and peas				-	-		9,401	1,155	10,55
Malt	9,401	1,155	10,556	-	-	-			
Flaxseed	76,272		76,272	-	200	-	76,272	1 700	76,27
Products of agriculture, other			21,812	252	309	561	20,644	1,729	22,37
Packing house products	9,892		18,623	-	-	-	9,892	8,731	18,62
Animals and products, other		4,908	16,937		568	568	12,029	5,476	17,50
Coal, bituminous	532,632	-	532,632	29,368	-	29,368	562,000	-	562,00
Coke	5,566		5,566	919	-	919	6,485	-	6,48
Iron ore	104,963	-	104,963	929,348	-	929,348	1,034,311	-	1,034,31
Aluminum ore and concentrates	-		-	5,090	-	5,090	5,090	-	5,09
Gravel and sand	16,550	-	16,550	10,567	-	10,567	27,117	-	27,11
Stone	3,353	-	3,353	87,893	386	88,279	91,246	386	91,63
Salt	12,932	-	12,932	-	-	-	12,932		12,93
Products of mines, other	5,200	141	5,341	17,534	587	18,121	22,734	728	23,46
Pulpwood	-	-	-	30,720	**	30,720	30,720	-	30,72
Products of forests, other	259	483	742		1,113	1,113	259	1,596	1,85
Gasoline	5,377	-	5,377	52,234		52,234	57,611		57,61
Fuel, road and petroleum	-,		2,	02,20		,			
residual oils	62 007	47	62,054	68,133		68,133	130,140	47	130,18
Petroleum products, refined -	02,007	٦,	02,034	00,200		00,200	200,210		200,00
other	2,930	1.927	4,857	18,723		18,723	21,653	1,927	23,58
Soybean oil	4,801	1,32/	4,801	10,723		10,725	4,801	.,	4,80
	15,174		18,938	26,963	1.584	28,547	42,137	5,348	47,48
Chemicals			15,529	1,173		1,173	16,624	78	16,70
Sodium (soda) products	15,451				-		9,926		9,92
Tar, pitch and creosote	9,926	-	9,926	16 000	-	16 902			16,80
Iron, pig	-	-	-	16,802	-	16,802	16,802	-	10,00
Iron and steel, bar rod			1 612		7 700	7 700		0 2/2	0.27
and slab		1,513				7,729		9,242	9,24
Iron and steel, other		3,124		-	,	52,821		55,945	55,94
Manufactured iron and steel	-	4,844	4,844	-	53,600	53,600	-	58,444	58,44

SUMMARY OF CANAL STATISTICS

October, 1959



COMMODITIES		T BOUND General	Total	Bulk	EST BOUND General	Total	Bulk	T O T A L General	Total
WELLAND SHIP CANAL: - (Cont'd)		General	TOLAT	Bulk	General	10181	DUIK	"THE LEE AL	10ca1
Motor vehicles	-	1,273	1,273	-	4,651	4,651		5,924	5,924
Cement	13,503	_	13,503	21,865	-	21,865	35,368	-	35,368
Woodpulp	3,154	-	3,154	26,792	-	26,792	29,946	-	29,946
Newsprint paper	-	_	-		63,190	63,190	-	63,190	63,190
Syrup and molasses,									
refined and residual	22	213	235	8,419	-	8,419	8,441	213	8,654
Food products, in cans									
and packages	321		4,783	-	3,960	3,960	321	8,422	8,743
Feed, animal and poultry	51,475		56,101	-			51,475	4,626	56,101
Scrap iron and steel	24,016	-	24,016	1,792	-	1,792	25,808	-	25,808
Domestic package freight	20,023	-	20,023	31,711		31,711	51,734	-	51,734
Manufactures and	2	25 262	07 023	7 010	10 (5)	57 161	1/) / 00	7/ 017	OF 207
miscellaneous - other	2,668		27,931	7,812	49,654	57,466	10,480	74,917	85,397
TOTAL.	2,060,726	70,933	2,131,659	1,412,655	240,161	1,652,816	3,4/3,381	311,094	3,784,475
ST. LAWRENCE CANALS:									
Wheat	435,776		435,776	78,049		78,049	513,825	-	513,825
Corn	57,234	-	57,234	3,080	-	3,080	60,314	-	60,314
Oats	121,651	-	121,651		-	_	121,651	_	121,651
Barley	153,549	-	153,549	-	-	_	153,549	-	153,549
Flour	29,312	2,579	31,891	-	-	-	29,312	2,579	31,891
Mill products, other	7,044	_	7,044	12	9	21	7,056	9	7,065
Soybeans	53,544	-	53,544	-	-	-	53,544	10	53,544
Soybean oil cake and meal	26,969		26,969	225	_	225	27,194	-	27,194
Beans and peas	8,724	382	9,106	70	95	165	8,794	477	9,271
Malt	4,583	1,155	5,738	_		-	4,583	1,155	5,738
Flaxseed	68,306	-	68,306		-	-	68,306	_	68,306
Products of agriculture -									
other	15,645	2,159	17,804	2,677	2,071	4,748	18,322	4,230	22,552
Packing house products	9,892	8,771	18,663	-			9,892	8,771	18,663
Animals and products -									
other	12,818	5,432	18,250	53	973	1,026	12,871	6,405	19,276
Coal, bituminous	173,423	-	173,423	68,701	-	68,701	242,124	-	242,124
Coke	5,566	-	5,566	-	-	-	5,566		5,566
Iron ore		-		1,218,626	***	1,218,626	1,218,626	-	1,218,626
Aluminum ore and									
concentrates	-	-	-	5,090	-	5,090	5,090	-	5,090
Gravel and sand	60,592	_	60,592	676	-	676	61,268		61,268
Petroleum, crude	-	-	-	55,793	-	55,793	55,793	-	55,793
Salt	7,500	-	7,500	-	_	-	7,500	-	7,500
Phosphate rock	-	-	-	11,851	-	11,851	11,851	-	11,851
Sulphur	-	-	-	5,936	-	5,936	5,936	-	5,936
Products of mines, other	5,091	747	5,838	17,733	1,893	19,626	22,824	2,640	25,464
Pulpwood	-		-	41,942	_	41,942	41,942	-	41,942
Products of forests, other	633	789	1,422	-	6,190	6,190	633	6,979	7,612
Gasoline	2,295	_	2,295	2,381		2,381	4,676	**	4,676
Fuel, road and petroleum									
residual oils	7,425	157	7,582	182,700	-	182,700	190,125	157	190,282
Petroleum products, refined									
other	7,471	1,927	9,398	11,099	7	11,106	18,570	1,934	20,504
Chemicals	10,326	4,054	14,380	12,743	3,077	15,820	23,069	7,131	30,200
Iron, pig	-	-	_	44 000	41	16,843	16,802	41	16,843
Iron and steel, bar, rod									
ans slab		678	678		8,639	8,639		9,317	9,317
Iron and steel, other		3,390	3,390		57,913	57,913	-	61,303	61,303
Manufactured iron and steel		6,242	6,242	-	59,721	59,721	-	65,963	65,963
Motor vehicles	_	1,608	1,608	_	6,749	6,749	-	8,357	8,357
Cement	2,369	218	2,587	8,859	-	8,859	11,228	218	11,446
Wood pulp	-,	-		27,143		27,143	27,143	_	27,143
Newsprint paper		7	7	-	43,507	43,507	- ,	43,514	43,514
Syrup and molasses refined					,	,_,,			,
and residual	22	213	235	9,915		9,915	9,937	213	10,150
Sugar	-	-	_	8,391	1	8,392	8,391	1	8,392
Food products, in cans									
and packages	321	9,931	10,252	_	8,047	8,047	321	17,978	18,299
Feed, animal and poultry	50,325	4,626	54,951	212	-	212	50,537	4,626	55,163
Scrap iron and steel	3,294	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,294	611	78	689	3,905	78	3,983
Domestic package freight	42,789	_	42,789	22,289	_	22,289	65,078	-	65,078
Manufactures and	,,,,,,		,						
miscellaneous - other	6,665	38,780	45,445	14,289	70,311	84,600	20,954	109,091	130,045
TOTAL	1,391,154	93,845	1,484,999	1,827,948	269,322	2,097,270	3,219,102	363,167	3,582,269