

**2001 TRAFFIC STATEMENT: ST. MARYS FALLS CANAL, MICHIGAN
U.S. ARMY CORPS OF ENGINEERS, DETROIT DISTRICT**

The 2001 commercial navigation season through the United States locks began on March 25, 2001, and ended 297 days later on January 15, 2002. On March 15, the U.S. Coast Guard Cutter MACKINAW passed upbound through the Poe Lock. The first commercial vessel for the season was the ITB JOYCE VANENKEVORT/GREAT LAKES TRADER on March 25, upbound for Marquette, Michigan. The Poe Lock remained in service until 0800 on January 15, 2002. The last commercial vessel, the M/V ALGOMARINE, passed through the Poe Lock on January 14, downbound for Owen Sound, Ontario.

Delays are defined as the elapsed time a vessel spends waiting to proceed with a lockage. Five vessels reported being delayed by ice for a total of 5 hours 22 minutes. Tow malfunctions/breakdowns contributed 3 hours 18 minutes and lock hardware malfunctions accounted for 9 hours 44 minutes. Lock maintenance and testing totaled 4 days 21 hours. All other delays amounted to 2 hours 28 minutes. The St. Marys River was reported as being closed by the U.S. Coast Guard for a total of 3 days 9 hours 38 minutes due to visibility and 1 hour for other reasons.

The largest cargo reported for a single passage in the 2001 season was 65,981 net tons of iron ore, carried by the M/V EDGAR B. SPEER (Great Lakes Fleet, Inc.) on August 21. This vessel also carried the greatest total seasonal cargo through the locks – 2,917,165 net tons (of iron ore).

Cargo flow was greatest during the month of July, with 9,037,884 net tons passing through the locks. A total of 4,309 cargo carriers passed through the locks during the 2001 season, a decrease of 546 from the 2000 season. An annual total of 76,387,161 net tons of freight were recorded. This was 8,542,905 tons below the 2000 total. Total vessel passages decreased from 8,975 in 2000 to 8,734 in 2001. Freight decreased by 10.06 percent and total passages decreased by 2.69 percent.

Comparing the movement of cargo in and out of Lake Superior, 13 commodities experienced decreases from 2000 volumes ranging from 2.72 percent (wheat) to 53.90 percent (scrap iron). Seven commodities increased in volume ranging from 6.53 percent (coal) to 50.87 percent (salt). The greatest single gain in cargo tonnage was 1,162,952 net tons of coal, while the most significant decrease was 7,772,007 net tons of iron ore.

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The periods of operation and total passages of all craft for each of the three operational locks during the 2001 season are as follows:

Lock	Traffic		Days In Operation	Total Passages
	Opening Day	Closing Day		
MacArthur	April 8	December 22	259	4,791
Poe	March 25	January 15	297	3,884
Davis	Used only occasionally.		0	56

The following tabulation shows the number of cargo vessel passages recorded for the past ten navigation seasons through American canal:

Year	No. of Passages	Year	No. of Passages
2001	4,309	1996	4,439
2000	4,845	1995	4,446
1999	4,595	1994	4,485
1998	4,648	1993	4,320
1997	4,836	1992	4,565

The following is a comparative monthly statement of freight tonnage moved through the St. Marys Falls Canal during the past two navigation seasons:

Month	2001 (Net Tons)	2000 (Net Tons)	Increase/Decrease
March	1,147,982	1,588,022	-440,040
April	8,134,813	8,601,595	-466,782
May	8,994,529	9,475,938	-481,409
June	8,893,689	8,914,315	-20,626
July	9,037,884	9,859,588	-821,704
August	8,623,956	9,832,508	-1,208,552
September	7,896,868	9,166,844	-1,269,976
October	8,125,610	9,532,396	-1,406,786
November	7,507,747	8,875,203	-1,367,456
December	6,691,660	7,961,050	-1,269,390
January 2002/2001	1,332,423	1,122,607	209,816
Totals	76,387,161	84,930,066	-8,542,905

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**STATISTICAL REPORT OF LAKE COMMERCE PASSING THROUGH THE CANAL
AT SAULT STE. MARIE, MICHIGAN, FOR THE 2001 SEASON**

Commodity	Direction		Total Net Tons	Previous 3 Seasons' Average
	Westbound	Eastbound		
Wood Products	22,659	142,805	165,464	168,283
Vegetable Products				
Wheat	15,278	7,607,583	7,622,861	7,936,091
Barley	0	63,769	63,769	134,802
Oats	0	209,756	209,756	192,640
Corn	8,047	379,460	387,507	1,151,741
Rye	0	0	0	0
Flaxseed	0	639,845	639,845	471,205
Soybeans	11,574	1,574,961	1,586,535	2,012,008
Sunflower seed	0	47,843	47,843	115,792
Mill products, screenings	0	662,369	662,369	843,294
Mineral Products				
Iron ore	0	38,776,957	38,776,957	46,623,009
Mfd. iron and steel	154,260	10,916	165,176	218,017
Scrap iron	0	25,163	25,163	95,904
Stone*	4,042,765	279,439	4,322,204	4,925,608
Cement	524,009	0	524,009	538,620
Coal	2,484,682	16,476,537	18,961,219	17,408,490
Potash	0	549,963	549,963	675,991
Salt	537,323	46,536	583,859	444,601
Petroleum Products				
Gasoline	105,565	0	105,565	59,991
Fuel oil	164,869	0	164,869	93,017
Miscellaneous merchandise	185,038	637,190	822,228	916,707
Freight Net Tons	5,008	3,723	8,731	9,420
Vessel Passages ** Number	4,063	3,102	7,165	7,596
Lockages Number	89,646	21,715	111,361	139,932
Passengers Number	8,256,069	68,131,092	76,387,161	85,025,811

* Includes broken stone, gravel, and sand.

** Includes three Government vessels prior to March 25, 2001.

Representing Operators of U.S.-Flag Vessels on the Great Lakes

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**COMPARATIVE STATISTICAL STATEMENT OF LAKE COMMERCE
PASSING THROUGH THE CANAL AT SAULT STE. MARIE, MICHIGAN
FOR THE SEASONS 2001 AND 2000**

ITEMS		TOTAL TRAFFIC		Amount of Increase/ Decrease	Amount of Increase/ Decrease
		SEASON 2001	SEASON 2000		
Vessel passages	Number	8,731	8,975	-244	-2.72%
Cargo carriers	Number	4,309	4,845	-536	-11.06%
Non-cargo carriers	Number	4,422	4,130	292	7.07%
Lockages	Number	7,165	7,452	-287	-3.85%
Passengers	Number	111,361	109,666	1,695	1.55%
Freight	Net Tons	76,387,161	84,930,066	-8,542,905	-10.06%
Wood Products		165,464	203,033	-37,569	-18.50%
Vegetable Products					
Wheat		7,622,861	7,835,946	-213,085	-2.72%
Barley		63,769	123,747	-59,978	-48.47%
Oats		209,756	290,847	-81,091	-27.88%
Corn		387,507	578,783	-191,276	-33.05%
Rye		0	0	0	N/A
Flaxseed		639,845	568,849	70,996	12.48%
Soybeans		1,586,535	2,291,968	-705,433	-30.78%
Sunflower seeds		47,843	0	47,843	N/A
Mill products, screenings		662,369	826,019	-163,650	-19.81%
Mineral Products					
Iron ore		38,776,957	46,548,964	-7,772,007	-16.70%
Mfd. iron and steel		165,176	331,009	-165,833	-50.10%
Scrap iron		25,163	54,583	-29,420	-53.90%
Stone*		4,322,204	4,835,809	-513,605	-10.62%
Cement		524,009	488,087	35,922	7.36%
Coal		18,961,219	17,798,267	1,162,952	6.53%
Potash		549,963	676,321	-126,358	-18.68%
Salt		583,859	386,996	196,863	50.87%
Petroleum Products					
Gasoline		105,565	70,501	35,064	49.74%
Fuel oil		164,869	137,572	27,297	19.84%
Miscellaneous merchandise		822,228	882,765	-60,537	-6.86%
Totals		76,387,161	84,930,066	-8,542,905	-10.06%

*Includes broken stone, gravel, and sand.

The U.S. Canal opened March 25, 2001, and closed January 15, 2002, a season of 297 days.

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**STATISTICAL REPORT OF FREIGHT TONNAGE TRANSITS BY LOCK
AT SAULT STE. MARIE, MICHIGAN, FOR THE 2001 SEASON**

Month	MacArthur	Poe	Davis	Westbound	Eastbound	Total
March	0	1,147,982	0	68,691	1,079,291	1,147,982
April	1,325,378	6,809,435	0	724,859	7,409,954	8,134,813
May	2,190,271	6,804,258	0	883,341	8,111,188	8,994,529
June	1,842,414	7,051,275	0	1,102,863	7,790,826	8,893,689
July	1,710,417	7,327,467	0	1,016,377	8,021,507	9,037,884
August	2,061,175	6,562,781	0	1,072,635	7,551,321	8,623,956
September	1,920,676	5,976,192	0	908,967	6,987,901	7,896,868
October	1,589,399	6,532,243	3,968	1,048,646	7,076,964	8,125,610
November	1,608,719	5,895,107	3921	785,726	6,722,021	7,507,747
December	1,697,927	4,993,733	0	603,744	6,087,916	6,691,660
January '02	0	1,332,423	0	40,220	1,292,203	1,332,423
Totals	15,946,376	60,432,896	7,889	8,256,069	68,131,092	76,387,161

Vessel Flag	MacArthur Lock	Poe Lock	Davis Lock	Total Net Tons	MacArthur Lock	Poe Lock	Davis Lock	Total Passages
American	3,201,114	51,660,381	0	54,861,495	1,962	2,540	13	4,515
Canadian	9,518,837	6,371,904	7,889	15,898,630	1,366	736	14	2,116
Foreign	3,226,425	2,400,611	0	5,627,036	397	234	2	633
Gov't.	0	0	0	0	1053	367	29	1,449
All Other	0	0	0	0	11	7	0	18
Totals	15,946,376	60,432,896	7,889	76,387,161	4,789	3,884	58	8,731

This report is subject to revision.

Source: U.S. Army Corps of Engineers, Detroit District.

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