

**2002 TRAFFIC STATEMENT: ST. MARYS FALLS CANAL, MICHIGAN
U.S. ARMY CORPS OF ENGINEERS, DETROIT DISTRICT**

The 2002 commercial navigation season through the United States locks began on March 25, 2002, and ended 297 days later on January 15, 2003. On March 19, 2002, the U.S. Coast Guard icebreaker MACKINAW passed upbound through the Poe Lock. The first commercial vessel for the season was the M/V INDIANA HARBOR on March 25, downbound with western coal for Muskegon, Michigan. The Poe Lock remained in service until 12:00 p.m. on January 15, 2003. The last commercial vessel, the tug RELIANCE and barge PML 9000, passed through the Poe Lock that day, downbound for Sault Ste. Marie, Ontario.

Delays are defined as the elapsed time a vessel spends waiting to proceed with a lockage. Twelve vessels reported being delayed by ice for a total of 9 hours 49 minutes. Tow malfunctions/breakdowns contributed 49 minutes and lock hardware malfunctions accounted for 2 hours 44 minutes. Lock maintenance and testing totaled 20 hours 32 minutes. All other delays amounted to 24 hours 46 minutes. The St. Marys River was reported as being closed by the U.S. Coast Guard for visibility and other reasons for a total of 4 days 3 hours 29 minutes.

The largest cargo reported for a single passage in the 2002 season was 67,847 net tons of iron ore, carried by the M/V OBLEBAY NORTON (Oglebay Norton Marine Services Company) on August 13. The greatest total seasonal cargo transported by an individual vessel was 2,876,399 net tons of iron ore carried by the M/V GEORGE A. STINSON (Stinson, Inc., operated by American Steamship Company).

Cargo flow was greatest during the month of August, with 9,996,958 net tons passing through the locks. A total of 4,543 cargo carriers passed through the locks during the 2002 season, an increase of 234 from 2001. An annual total of 82,044,087 net tons of freight were recorded. This was 5,656,926 net tons above the 2001 total. Total vessel passages decreased from 8,731 in 2001 to 8,680 in 2002. Freight increased by 7.41 percent and total passages decreased by 0.58 percent.

Comparing the movement of cargo in and out of Lake Superior, 11 commodities experienced decreases from 2001 volumes ranging from 5.04 percent (wheat) to 100 percent (sunflower seeds). Eight commodities increased in volume ranging from 4.07 percent (coal) to 487.94 percent (scrap iron). The greatest single gain in cargo tonnage was 6,466,376 net tons of iron ore, while the most significant decrease was 458,417 net tons of stone.

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The periods of operation and total passages of all craft for each of the three operational locks during the 2002 season are as follows:

Lock	Traffic		Days In Operation	Total Passages
	Opening Day	Closing Day		
MacArthur	April 7	December 26	262	4,505
Poe	March 25	January 15	297	4,128
Davis	Used only occasionally.		0	47

The following tabulation shows the number of cargo vessel passages recorded for the past 10 navigation seasons through American canal:

Year	No. of Passages	Year	No. of Passages
2002	4,543	1997	4,836
2001	4,309	1996	4,439
2000	4,845	1995	4,446
1999	4,595	1994	4,485
1998	4,648	1993	4,320

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

Month	2002 (Net Tons)	2001 (Net Tons)	Increase/Decrease
March	1,020,504	1,147,982	-127,478
April	7,137,947	8,134,813	-996,866
May	9,148,280	8,994,529	153,751
June	8,948,526	8,893,689	54,837
July	9,892,229	9,037,884	854,345
August	9,996,958	8,623,956	1,373,002
September	8,729,343	7,896,868	832,475
October	8,888,950	8,125,610	763,340
November	8,286,988	7,507,747	779,241
December	7,744,664	6,691,660	1,053,004
January 2003/2002	2,249,698	1,332,423	917,275
Totals	82,044,087	76,387,161	5,656,926

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**STATISTICAL REPORT OF LAKE COMMERCE PASSING THROUGH THE CANAL
AT SAULT STE. MARIE, MICHIGAN, FOR THE 2002 SEASON**

Commodity		Direction		Total Net Tons	Previous 3 Seasons' Average
		Westbound	Eastbound		
Wood Products		45,547	160,965	206,512	176,631
Vegetable Products					
Wheat		0	7,238,580	7,238,580	7,730,964
Barley		0	151,843	151,843	112,806
Oats		20,886	2,526	23,412	225,690
Corn		11,905	65,097	77,002	886,766
Rye		0	0	0	0
Flaxseed		0	727,492	727,492	506,997
Soybeans		6,366	1,200,435	1,206,801	2,016,184
Sunflower seeds		0	0	0	50,479
Mill products, screenings		0	469,695	469,695	722,577
Mineral Products					
Iron ore		143,105	45,098,196	45,241,301	43,451,789
Mfd. iron and steel		366,362	163,265	529,627	192,072
Scrap iron		90,687	57,256	147,943	74,774
Stone*		3,727,320	136,467	3,863,787	4,721,737
Cement		455,058	2,238	457,296	530,279
Coal		2,415,517	17,316,647	19,732,164	18,144,733
Potash		0	588,495	588,495	601,765
Salt		430,538	0	430,538	450,507
Petroleum Products					
Gasoline		64,815	0	64,815	72,044
Fuel oil		126,696	0	126,696	121,164
Miscellaneous merchandise		174,965	585,123	760,088	779,803
Freight	Net Tons	8,079,767	73,964,320	82,044,087	81,569,761
Vessel Passages **	Number	4,977	3,703	8,680	9,005
Lockages	Number	4,063	3,139	7,202	7,416
Passengers	Number	90,442	22,154	112,596	121,448

* Includes broken stone, gravel, and sand.

** Includes three government vessels prior to March 25, 2002.

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 2002 AND 2001**

ITEMS		TOTAL TRAFFIC		Amount of Increase/ Decrease	Amount of Increase/ Decrease
		SEASON 2002	SEASON 2001		
Vessel passages	Number	8,680	8,731	-51	-0.58%
Cargo carriers	Number	4,543	4,309	234	5.43%
Non-cargo carriers	Number	4,137	4,422	-285	-6.45%
Lockages	Number	7,202	7,165	37	0.52%
Passengers	Number	112,596	111,361	1,235	1.11%
Freight	Net Tons	82,044,087	76,387,161	5,656,926	7.41%
Wood Products		206,512	165,464	41,048	24.81%
Vegetable Products					
Wheat		7,238,580	7,622,861	-384,281	-5.04%
Barley		151,843	63,769	88,074	138.11%
Oats		23,412	209,756	-186,344	-88.84%
Corn		77,002	387,507	-310,505	-80.13%
Rye		0	0	0	0
Flaxseed		727,492	639,845	87,647	13.70%
Soybeans		1,206,801	1,586,535	-379,734	-23.93%
Sunflower seeds		0	47,843	-47,843	-100.00%
Mill products, screenings		469,695	662,369	-192,674	-29.09%
Mineral Products					
Iron ore		45,241,301	38,776,957	6,464,344	16.67%
Mfd. iron and steel		529,627	165,176	364,451	220.64%
Scrap iron		147,943	25,163	122,780	487.94%
Stone*		3,863,787	4,322,204	-458,417	-10.61%
Cement		457,296	524,009	-66,713	-12.73%
Coal		19,732,164	18,961,219	770,945	4.07%
Potash		588,495	549,963	38,532	7.01%
Salt		430,538	583,859	-153,321	-26.26%
Petroleum Products					
Gasoline		64,815	105,565	-40,750	-38.60%
Fuel oil		126,696	164,869	-38,173	-23.15%
Miscellaneous merchandise		760,088	822,228	-62,140	-7.56%
Totals		82,044,087	76,387,161	5,656,926	7.41%

*Includes broken stone, gravel, and sand.

The U.S. Canal opened March 25, 2002, and closed January 15, 2003, a season of 297 days.

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**STATISTICAL REPORT OF FREIGHT TONNAGE TRANSITS BY LOCK
AT SAULT STE. MARIE, MICHIGAN, FOR THE 2002 SEASON**

Month	MacArthur	Poe	Davis	Westbound	Eastbound	Total
March	0	1,020,504	0	38,219	982,285	1,020,504
April	1,115,438	6,022,509	0	628,641	6,509,306	7,137,947
May	2,061,913	7,086,367	0	1,091,081	8,057,199	9,148,280
June	1,975,020	6,973,506	0	1,049,796	7,898,730	8,948,526
July	2,190,105	7,702,124	0	906,298	8,985,931	9,892,229
August	2,427,671	7,562,997	6290	1,071,842	8,925,116	9,996,958
September	1,751,712	6,977,631	0	934,284	7,795,059	8,729,343
October	2,172,904	6,716,046	0	1,091,443	7,797,507	8,888,950
November	1,870,584	6,416,404	0	756,511	7,530,477	8,286,988
December	1,507,560	6,237,104	0	385,445	7,359,219	7,744,664
January '03	0	2,249,698	0	126,207	2,123,491	2,249,698
Totals	17,072,907	64,964,890	6,290	8,079,767	73,964,320	82,044,087

Vessel Flag	MacArthur Lock	Poe Lock	Davis Lock	Total Net Tons	MacArthur Lock	Poe Lock	Davis Lock	Total Passages
American	4,178,477	55,281,557	0	59,460,034	1,931	2,771	15	4,717
Canadian	9,965,475	7,222,099	6,290	17,193,864	1,510	836	9	2,355
Foreign	2,928,955	2,461,234	0	5,390,189	373	180	0	553
Gov't.	0	0	0	0	685	319	23	1,027
All Other	0	0	0	0	6	22	0	28
Totals	17,072,907	64,964,890	6,290	82,044,087	4,505	4,128	47	8,680

This report is subject to revision.

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

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