

Reversals to Lake Michigan (1985 - Present)
Million Gallons

	Date(s)	O'Brien Lock	CRCW	Wilmette	Total Volume
2021	None				0.0
2020	5/17-5/18		1731.6	766.7	2,498.3
2020	5/15			50.1	50.1
2019	10/3			54.5	54.5
2018	None				0.0
2017	10/14-10/15		2456.4	289.8	2,746.2
2017	4/29-4/30			19.3	19.3
2016	7/24			34.0	34.0
2015	6/15-6/16		997.5	167.2	1,164.7
2014	6/30-7/1		362.0	163.0	525.0
2013	4/18-4/19	3185.6	6104.7	1429.2	10,719.5
2012	None				0.0
2011	7/23		1716.2	504.3	2,220.5
2011	5/29			107.0	107.0
2010	7/24		5784.6	750.3	6,534.9
2009	6/19			191.6	191.6
2009	3/8			143.1	143.1
2009	2/26-2/27			78.9	78.9
2008	12/27-12/28			460.8	460.8
2008	9/13-9/16	2669.2	5438.2	2941.7	11,049.1
2007	8/23-8/24			224.0	224.0
2006	None				0.0
2005	None				0.0
2004	None				0.0
2003	None				0.0
2002	8/22		1296.4	455.4	1,751.8
2001	10/13			90.7	90.7
2001	8/31			75.3	75.3
2001	8/2		883.1	139.9	1,023.0
2000	None				0.0
1999	6/13			9.7	9.7
1998	None				0.0
1997	8/16-8/17		402.0	157.0	559.0
1997	2/20-2/22	1458.0	1947.0	774.0	4,179.0
1996	7/17-7/18	1032.0	519.0		1,551.0
1995	None				0.0
1994	None				0.0
1993	None				0.0
1992	None				0.0
1991	None				0.0
1990	11/27-11/28	224.0	86.0	154.0	464.0
1990	8/17-8/18			9.5	9.5
1990	5/9-5/10		208.0	289.0	497.0
1989	8/3-8/4			52.0	52.0
1988	None				0.0
1987	8/25-8/26			18.0	18.0
1987	8/13-8/14		986.0	971.0	1,957.0
1986	10/3			53.0	53.0
1985	8/6			58.0	58.0
1985	3/4			153.3	153.3

REVERSALS TO LAKE MICHIGAN

The number of reversals from the Chicago Area Waterway System to Lake Michigan has been reduced with the onset of TARP. There are two types of reversals: gate reversals and lock reversals. The more common is a gate reversal which is characterized by a smaller volume of water released through adjacent gates to the lock. The other type of reversal is a lock reversal, during which the locks are opened to maximize reversal flow. Lock reversals allow a much greater volume of water to flow back to Lake Michigan. They are only necessary in cases of severe storms.