

Attachment D:
 Volumes Discharged from Prior Lake

Volumes Discharged from Prior Lake and Associated Elevations

Year	Volume Discharged (ac*ft)	Depth Eliminated from Lake (ft)	Min Elevation for the Year	Date of Min Elev	Max Elevation for the Year	Date of Max Elev	Max Elevation <i>without</i> the Outlet	Average Rainfall
2010								
2009	0	0.00	898.98	9/30/2009	900.44	4/29/2009	900.44	27.41
2008	4,993	4.28	900.28	12/29/2008	902.90	5/8/2008	907.18	23.88
2007	1,395	1.20	900.55	8/10/2007	902.78	4/23/2007	903.98	28.59
2006	4,331	3.71	900.50	12/14/2006	903.27	4/7/2006	906.98	27.77
2005	2,299	1.97	900.71	1/18/2005	903.10	10/18/2005	905.07	38.02
2004	13	0.01	900.50	4/15/2004	902.79	7/12/2004	902.80	32.96
2003	5,921	5.07	900.62	12/30/2003	903.17	5/23/2003	908.24	23.00
2002	9,520	8.16	900.70	3/4/2002	903.60	9/10/2002	911.76	41.96
2001	8,692	7.45	901.04	12/28/2001	904.28	5/7/2001	911.73	28.52
2000	80	0.07	901.52	2/20/2000	903.00	7/11/2000	903.07	26.09
1999	6,240	5.35	902.00	11/25/1999	904.78	5/27/1999	910.13	33.29
1998			<i>902.05</i>	<i>1/1/1998</i>	<i>903.90</i>	<i>4/13/1998</i>		35.00*
1997	4,150	3.56	901.20	2/28/1997	902.90	4/21/1997	906.46	32.36*
1996			<i>900.77</i>	<i>11/4/1996</i>	<i>902.98</i>	<i>4/10/1996</i>		26.52*
1995			<i>902.26</i>	<i>9/26/1995</i>	<i>903.25</i>	<i>3/30/1995</i>		30.62*
1994	1760+		901.90	9/7/1994	903.05	10/24/1994	903.05	35.28*
1993	10,000+		902.00	3/9/1993	904.49	7/14/1993	904.49	36.40*
1992	8,331	7.14	899.95	2/19/1992	903.16	10/12/1992	910.30	35.86
1991			<i>898.11</i>	<i>4/1/1991</i>	<i>900.92</i>	<i>6/13/1991</i>		
1990			<i>895.46</i>	<i>4/24/1990</i>	<i>899.38</i>	<i>8/10/1990</i>		
1989			<i>895.49</i>	<i>11/27/1989</i>	<i>897.15</i>	<i>4/3/1989</i>		
1988			<i>896.90</i>	<i>11/11/1988</i>	<i>899.63</i>	<i>1/1/1988</i>		
1987			<i>899.63</i>	<i>12/31/1987</i>	<i>901.54</i>	<i>3/6/1987</i>		
1986			<i>901.22</i>	<i>2/14/1986</i>	<i>903.96</i>	<i>5/15/1986</i>		
1985			<i>902.23</i>	<i>9/12/1985</i>	<i>903.93</i>	<i>4/25/1985</i>		
1984			<i>901.75</i>	<i>10/9/1984</i>	<i>903.60</i>	<i>6/24/1984</i>		
1983	Outlet Installed		<i>901.76</i>	<i>1/17/1983</i>	<i>905.68</i>	<i>7/20/1983</i>		
1982			<i>900.06</i>	<i>3/24/1982</i>	<i>902.56</i>	<i>5/21/1982</i>		
1981			<i>898.91</i>	<i>7/31/1981</i>	<i>899.88</i>	<i>9/17/1981</i>		
1980			<i>899.92</i>	<i>12/29/1980</i>	<i>902.60</i>	<i>4/18/1980</i>		
Averages	3731	3.20	900.36		902.69		906.77	31.61

Unless otherwise noted, data is taken from annual outlet operations reports

* Rainfall data is from MN Climatology office for 115N, 22W, 15 Prior Lake; all other rainfall as recorded at PLSLWD office

Italics data from PLSLWD Historic Lake Level Volunteer Collected Data