

Attachment D. Volumes Discharged from Prior Lake

Volumes Discharged from the Prior Lake Outlet and Associated Elevations								
Year	Volume Discharged (ac*ft)	Depth Eliminated from Lake (ft)	Min Elevation for the Year	Date of Min Elevation	Max Elevation for the Year	Date of Max Elevation	Max Elevation without Outlet	Annual Rainfall
2022	0.00	0.00	898.34	11/21/2022	900.93	5/30/2022	900.93	18.68
2021	700	0.37	900.58	10/1/2021	902.62	4/28/2021	902.99	20.63
2020	8841	4.53	898.35	12/2/2020	900.90	5/27/2020	905.43	32.63
2019	21468	10.40	902.02	12/19/2019	903.93	3/30/2019	914.33	39.95
2018	11785	5.98	902.00	9/16/2018	903.32	6/26/2018	909.30	34.52
2017	11942	6.00	902.35	8/13/2017	903.56	5/29/2017	909.56	32.4
2016	9351	4.80	898.35	8/9/2016	900.90	12/1/2016	905.70	36.74
2015	3043	1.60	901.09	3/20/2015	902.91	12/21/2015	904.51	35.74
2014	12028	6.10	900.1	3/28/2014	906.16	6/30/2014	912.26	36.44
2013	7609	3.93	900.25	3/28/2013	903.95	7/22/2013	907.88	33.25
2012	5751	3.00	900.48	12/6/2012	903.59	6/25/2012	906.59	30.57
2011	20314	9.93	900.87	12/28/2011	903.95	4/5/2011	913.88	26.07
2010	1110	0.59	899.38	1/14/2010	902.78	12/23/2010	903.37	37.23
2009	0	0.00	898.98	9/30/2009	900.44	4/29/2009	900.44	27.41
2008	4993	2.61	900.28	12/29/2008	902.90	5/8/2008	905.51	23.88
2007	1395	0.74	900.55	8/10/2007	902.78	4/23/2007	903.52	28.59
2006	4331	2.27	900.50	12/14/2006	903.27	4/7/2006	905.54	27.77
2005	2299	1.21	900.71	1/18/2005	903.10	10/18/2005	904.31	38.02
2004	13	0.01	900.50	4/15/2004	902.79	7/12/2004	902.80	32.96
2003	5921	3.08	900.62	12/30/2003	903.17	5/23/2003	906.25	23.00
2002	9520	4.88	900.70	3/4/2002	903.60	9/10/2002	908.48	41.96
2001	8692	4.47	901.04	12/28/2001	904.28	5/7/2001	908.75	28.52
2000	80	0.04	901.52	2/20/2000	903.00	7/11/2000	903.04	26.09
1999	6240	3.24	902.00	11/25/1999	904.78	5/27/1999	908.02	33.29
1998			<i>902.05</i>	<i>1/1/1998</i>	<i>903.90</i>	<i>4/13/1998</i>		<i>35.00</i>
1997	4150	2.18	901.20	2/28/1997	902.90	4/21/1997	905.08	32.36
1996			<i>900.77</i>	<i>11/4/1996</i>	<i>902.98</i>	<i>4/10/1996</i>		<i>26.52</i>
1995			<i>902.26</i>	<i>9/26/1995</i>	<i>903.25</i>	<i>3/30/1995</i>		<i>30.62</i>
1994	1760	0.93	901.90	9/7/1994	903.05	10/24/1994	903.98	35.28
1993	10000	5.12	902.00	3/9/1993	904.49	7/14/1993	909.61	36.40
1992	8331	4.29	899.95	2/19/1992	903.16	10/12/1992	907.45	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>		
Average	6312 (when operated)	3.23 (when operated)	900.31		902.80		906.37	32.00
Unless otherwise noted, data is taken from annual Prior Lake Outlet operations reports								
<i>Italicized rainfall data is from MN Climatology office for 115N, 22W, 15 Prior Lake; all other rainfall as recorded at PLSLWD Office</i>								
<i>Italicized lake level data is from PLSLWD Historic Volunteer Collected Lake Level Data</i>								