



EEKLY UPDATE

March 25, 2016

ATTACHED

- *SMSC Prescribed Burns
- * Mediacom Letter
- *DRC Status & Map

LAKE ELEVATION

Our Water Resources Engineer, Pete Young, did a quick analysis (enclosed) of springtime lake elevations versus the annual high water elevations on Prior Lake. We looked at Spring Lake, but there is only data on ice-out going back to 2009 which isn't enough data to be useful. One of the key pieces of information to understand are the snow pack conditions in the upper watershed and the potential impacts to the lake elevation. To approximate the lake level when snow melt is complete we used the ice-out date. Note that over the 44 year record period (which includes 41 years of data and 3 years where there was no available data), 17 years the lake has been very close to or above the 2016 ice-out elevation which was 902.66. During that same record period the lake has been at or above 904.00 six times. Five out of the six years where the lake ended up exceeding 904.00 started off with a relatively high spring elevation. However, looking at the complete data set, in some cases the annual high elevation occurred very close to ice-out and in other cases the high elevation occurred in the summer or fall. Without more detailed analyses we can't conclude that spring lake elevations have a direct correlation to the eventual high water eleva-

tion for the year. For example, in 2014 the spring elevation was very close to the 41-year average and we ended up setting the annual high elevation record. Alternatively, the springs of 2011 and 2006 both started off with very high elevations that actually ended up being the high for the year and the lake dropped from there. Considering the level of unpredictability our best bet is to continue to monitor conditions and prepare using the lessons learned in 2014. The Natural Resources Director, Katy Gehler, is putting together a group of key staff to review what the trigger points (lake elevations) might be for action and what roles the City has to take those actions. Pete says Wednesday's ten inch snow alone does not suggest a radical change for this summer. Rather it would be cumulative rainfall events in quick succession which would most likely lead to flooding elevations.

PERSONNEL

UPDATES

Congratulations to **Public Works** employee Bryce Pap and his new wife, Kat, on their March 17th wedding in Hawaii!



USELESS FACT:

Chewing gum while peeling onions will keep you from crying.



CONSTRUCTION ON DOMINION HAS BEGUN











DATE	TIME	MEETING	Room	Liaison
03/27 Sun	-	60000 00000	-	-
03/28 Mon	5:00 PM	City Council Work Session	Parkview	All
03/28 Mon	7:00 PM	City Council	Chambers	All
04/01 Fri	7:30 AM	SCALE Executive Committee	Parkview	Ken
04/04 Mon	7:30 AM	EDAC	Parkview	Michelle C.
04/04 Mon	6:00 PM	Planning Commission	Chambers	Monique
04/05 Tues	7:30 AM	Technology Village Board	Little Prior	Ken
04/07 Thur	5:00 PM	Ladies Night Out	Sailer's Greenhouse	-
04/06 Wed	8:30 AM	Chamber Board Meeting	Chamber of Commerce	Mike
04/08 Fri	7:30 AM	SCALE General Membership	Parkview	Annette

	PL Ice-Out	PL Ice-	Ice-Out Lake	PL Annual	
Year	Date	Out Elev	Level Date	Max	PL Max Date
1973	3/30/1973	901.93	3/6/1973	902.23	5/15/1973
1975	4/26/1975	900.68	4/28/1975	903.19	7/7/1975
1976	4/2/1976	902.24	4/15/1976	902.26	4/23/1976
1977	4/6/1977	898.83	3/17/1977	898.83	3/17/1977
1979	4/20/1979	899.44	4/19/1979	902.04	9/23/1979
1980	4/17/1980	902.45	4/9/1980	902.45	4/9/1980
1982	4/17/1982	902.20	4/23/1982	902.20	4/23/1982
1983	4/6/1983	903.77	4/6/1983	905.68	7/20/1983
1984	4/12/1984	903.43	4/12/1984	903.60	4/16/1984
1985	4/11/1985	903.92	4/11/1985	903.93	4/9/1985
1986	4/5/1986	902.95	4/5/1986	903.94	5/14/1986
1987	3/14/1987	901.42	3/14/1987	901.54	3/6/1987
1988	4/4/1988	899.45	4/4/1988	899.63	1/1/1988
1989	4/15/1989	897.08	4/28/1989	897.08	4/28/1989
1990	3/30/1990	895.54	4/6/1990	899.38	8/9/1990
1991	4/6/1991	898.22	4/10/1991	900.92	6/12/1991
1992	4/6/1992	901.75	4/9/1992	903.26	10/10/1992
1993	4/18/1993	903.26	4/18/1993	904.64	7/12/1993
1994	4/4/1994	902.56	4/7/1994	903.05	10/26/1994
1995	4/25/1995	903.21	4/25/1995	903.25	3/30/1995
1996	4/20/1996	903.21	4/25/1995	902.98	4/9/1996
1997	4/6/1997	902.62	4/6/1997	903.57	9/2/1997
1998	3/28/1998	903.15	3/30/1998	904.40	7/10/1998
1999	3/31/1999	902.57	3/31/1999	904.78	5/27/1999
2000	4/6/2000	902.23	4/6/2000	903.02	7/10/2000
2001	4/15/2001	902.75	4/16/2001	904.33	4/30/2001
2002	4/13/2002	900.97	4/15/2002	903.40	10/17/2002
2003	4/4/2003	902.68	4/8/2003	903.15	5/20/2003
2004	4/4/2004	900.62	4/6/2004	902.80	6/23/2004
2005	4/4/2005	900.80	4/4/2005	903.08	10/19/2005
2006	4/6/2006	903.27	4/11/2006	903.27	4/11/2006
2007	3/28/2007	901.73	3/28/2007	902.79	4/23/2007
2008	4/21/2008	902.67	4/11/2008	902.90	5/7/2008
2009	4/4/2009	900.35	4/4/2009	900.45	4/28/2009
2010	3/31/2010	901.09	4/7/2010	902.78	12/23/2010
2011	4/11/2011	903.83	4/12/2011	903.83	4/12/2011
2012	3/17/2012	900.76	3/14/2012	903.59	6/25/2012
2013	4/28/2013	902.00	4/29/2013	903.95	7/21/2013
2014	4/20/2014	901.71	4/21/2014	906.17	6/30/2014
2015	3/29/2015	901.19	3/30/2015	902.91	12/21/2015
2016	3/15/2016	902.66	3/15/2016	n/a	n/a

Averages: 901.64 902.78