

HIGHLIGHTS
 Valley Branch Watershed – Lake Levels
 July 1
 2016

June's precipitation was just average (4.29 inches at Lake Jane), versus a Minnesota average of 4.25 inches. All lakes were little changed for the month with Long Lake up slightly and Eagle Point down about the same amount. Because of road closers and difficult driving in the area, I didn't check the West Lakeland storage site. I tried to check the bench mark on Long Lake, and although the cottonwood tree was still there, the benchmark nails were gone

On a yearly basis all lakes in the Tri-lakes area were higher than a year ago, but little change in the other lakes over the year.

Storage values in the Project 1007 lakes on July 1, 2016 is consistent with previous values, therefore no problems.

	Acres	Overflow	Level Elev.	Acre ft. Storage	Total
Long Lake	90	937.50	940.38	-259.20	
O+D	220	928.35	929.03	-149.60	-365.60
Jane	160	922.35	922.08	43.20	
					-494.42
Eagle Pt.	130	894.00	894.28	-36.40	
Elmo	274	884.10	884.33	-63.02	-128.82
Horseshoe	60	875.20	875.69	-29.40	

		Tri Lakes	Lower Lakes	Total
Storage	10/1/14	4	-105	-101
Below	11/1/14	143	-54	89
Overflow	5/1/15	-366	-129	-494
	6/1/15	-366	-92	125
	7/1/15	217	-92	125
	8/1/15	34	-92	-61
	9/1/15	-366	-129	-494
	10/1/15	51	-103	-32
	5/1/16	-366	-129	-494
	6/1/16	-366	-129	-559
	7/1/16	-366	-129	-495

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISHEAGLE POINT	ELMO	HORSE- SHOE	DOWN- SILVER	LAKE	GRAVEL PIT	WLSS LOWER
2011										
4/1	939.14	927.79	920.26		894.45	883.68	871.78	886.16		
5/1	940.07	929.14	920.67	889.62	894.58	883.53	872.68	885.42		
6/1	938.99	929.22	920.77	889.78	894.55	883.76	874.79	885.32		
7/1	938.77	929.30	920.99	890.00	894.76	884.04	875.63	885.22	899.10	
8/1	940.86	929.34	922.11		896.76	884.81	875.78		989.48	866.68
9/1	939.68	929.09	922.20	890.90	896.08	885.06	875.73	887.61	989.07	866.77
10/1	937.60	928.70	921.85	890.78	894.23	884.26	875.53	887.04	988.51	865.14
10/28	937.15	928.40	921.65	890.74	893.83	884.26	874.98	887.06		858.28
12/1	937.06	928.16	921.53		893.13	884.23	874.59			
2012										
4/1	937.53	928.25	921.80		893.73	884.31	875.52		988.29	862.45
5/1	937.40	928.25	921.67	891.78	893.60	884.33	875.48	886.56	988.55	865.56
6/1	938.36	929.03	921.94	892.24	894.35	884.36	875.70	886.32	989.22	865.70
7/1	937.75	928.97	921.87	892.24	894.25	884.21	875.43	886.16	989.64	864.93
8/1	937.26	928.83	921.72	891.92	894.04	884.22	874.78	885.72	988.68	
9/1	936.32	928.35	921.33	891.68	893.25	883.89	873.86	885.41	988.15	
10/1	935.60	927.69	920.87	891.00	893.21	883.65	873.00	884.66	987.75	
11/1	935.58	927.45	920.74	890.88		883.61	872.90			
12/1	935.60	927.27	920.74	890.56		883.11	872.90	884.50		
2013										
5/1	938.42	928.11	921.63		894.35		874.93		989.03	
6/1	939.20	928.92	921.79		894.27	884.37	875.77	887.44	989.22	
7/1	941.67	929.75	922.56	892.59	894.93	884.98	875.87	890.24	989.64	866.15
8/1	939.60	929.07	922.09		894.55	884.20	875.88	889.46	989.86	866.01
9/1	937.64	928.80	921.67		893.78	884.04	874.68	888.57	988.19	858.13
10/1	936.39	928.41	921.39	891.53	893.63	883.94	873.82	887.94	988.11	
11/1	936.18	928.32	921.41	891.75	893.57	884.14	873.40	887.64	988.06	
11/20	935.72	928.17	921.41	891.75	893.57	884.18	873.48	887.62		
2014										
5/1	940.52	929.18	922.11		896.02	884.60	875.54	889.51	988.41	
6/1	941.76	929.71	922.55		895.88	884.58	876.08	890.58	988.46	866.54
7/1	942.65	930.13	923.79		896.83	885.38	876.02		988.74	866.65
8/1	939.27	929.17	922.47		896.03	884.38	876.04	889.95		865.98
9/1	937.82	929.11	921.95		894.38	884.44	875.98	889.45		865.88
10/1	937.12	928.91	921.77		894.12	884.32	875.68	888.87		865.28
11/1	937.27	928.68	921.13		893.95	884.27	875.43	888.35		865.20
2015										
5/1	936.65	928.01	920.59		No read	884.30	875.43	886.67	No read	No read
6/1	937.41	928.09	920.64		No read	884.36	875.56	886.55	No read	No read
7/1	937.78	928.39	920.78			884.38	875.46	886.33	No read	No read
8/1	938.26	928.99	920.83		894.08	884.30	875.46	885.95	No read	No read
9/1	937.35	928.93	920.71		894.28	884.30	874.96	885.48	No read	No read
10/1	937.82	929.08	920.85		894.15	884.30	875.66	886.44	No read	No read
2016										
5-1	940.52	929.17	922.29		894.58	884.47	875.94	886.26		861.58
6-1	939.67	929.03	922.21		894.88	884.43	875.73	886.00		860.20
7-1	940.36	929.03	922.06		894.28	884.33	875.69	885.79		
Month Diff.	0.69	0.00	-0.13		-0.60	-0.10	-0.04	-0.21		-1.38
Year Diff.	2.58	0.64	1.30			-0.05	0.23	-0.54		
Overflow	937.50	928.35	922.35	927.80	894.00	884.10	875.20	891.50		



Minnesota Association of Watershed Districts, Inc.

MINNESOTA CLIMATOLOGICAL NETWORK

Year: 1966 Month: 06 Ob Time: am pm County: Township: Range: Section: 8

Name: Charles W. Taylor County Name: Washington Township Name:
 Address: 4677 Birchbark Tr. No. Lake Elmo, Minn. 55042 Telephone No: (612) 777-2979

24-HOUR AMOUNTS: All the end of each month forward forms to
 Office of State Climatology
 Department of Natural Resources
 University of Minnesota, 279 North Hall
 St. Paul, Minnesota 55108

REMARKS: Give times and comments about events (Temperature and Phenology items are very useful)

Type of Gauge (Check One)
 Cyl Test Tube
 Wedge Other

RAIN MELTED SNOW ETC. (INST & HDTHS)	SNOW IN TENTHS	SNOW ON GROUND INCHES	Hour	Remarks
0.20			01	
			02	
			03	
			04	
			05	
			06	
			07	
0.50			08	
			09	
			10	
			11	
0.99			12	
			13	
1.60			14	
0.95			15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	
			26	
			27	
0.05			28	
			29	
			30	
7.29			31	
TOTALS				

