

HIGHLIGHTS

Valley Branch Watershed – Lake Levels, 2015 September 1, 2015

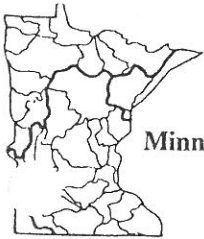
August's precipitation was slightly below average. (3.69 inches at Lake Jane), versus an average of 4.36 inches. Long Lake was the biggest loser being down 0.91 feet.

On a yearly basis, all lakes were lower than a year ago, with Downs Lake and Lake Jane down 3.97 and 1.24 feet respectively. As you probably remember. Last spring and early summer was very wet.

Storage values in the Project 1007 lakes showed plenty of storage,

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH	EAGLE POINT	ELMO	HORSE- SHOE	DOWNS	SILVER LAKE	GRAVEL PIT	WLSS LOWER
2010											
1/1	937.08	925.67	919.96			882.72	871.14	886.14			
2/1	936.67	925.58	919.91								
3/1	936.45	925.49	919.86								
4/1	937.35	925.50	919.90			882.66	871.05	885.85			
5/1	937.31	925.35	919.87	888.86		882.64	868.70	884.82			
6/1	937.49	925.38	919.87	888.75		882.60	868.50	884.60			
7/1	938.46	925.70	920.00	888.75		882.66	868.48	884.50			
8/1	937.62	926.05	919.91	888.54		882.62	868.46	884.37			
9/1	937.35	926.08	919.85	888.49		882.56	868.56	884.59			
10/1	938.52	926.46	920.02	888.74		882.70	868.86	884.57			
11/1	937.76	926.56	919.79	888.54		882.60	868.84	884.37			
12/1	937.74	926.52	919.79								
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	862.16
10/1	937.60	928.70	921.85	890.78	894.23	884.26	875.53	887.04	988.51	865.14	860.68
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	857.78
6/1	938.36	929.03	921.94	892.24	894.35	884.36	875.70	886.32	989.22	865.70	861.00
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	862.18
8/1	939.60	929.07	922.09		894.55	884.20	875.88	889.46	989.86	866.01	861.68
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	898.41		
6/1	941.76	929.71	922.55		895.88	884.58	876.08	890.58	898.46	866.54	863.00
7/1	942.65	930.13	923.79		896.83	885.38	876.02		898.74	866.65	863.33
8/1	939.27	929.17	922.47		896.03	884.38	876.04	889.95		865.98	862.58
9/1	937.82	929.11	921.95		894.38	884.44	875.98	889.45		865.88	861.88
10/1	937.12	928.91	921.77		894.12	884.32	875.68	888.87		865.28	859.73
11/1	937.27	928.68	921.13		893.95	884.27	875.43	888.35		865.20	857.58
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
Month Diff.	-0.91	-0.06	-0.12		0.20	0.00	-0.50	-0.47			
Year Diff.	-0.47	-0.18	-1.24		-0.10	-0.14	-1.02	-3.97			
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

115	08	<input checked="" type="checkbox"/> am <input type="checkbox"/> pm						8
Year	Month	Ob Time	County	Township	Range	Section		

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	At 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)		
RAIN MELTED SNOW ETC INS & HDTHS)	SNOW INS & TENTHS	SNOW ON GROUND INCHES	Cyl.	Test Tube	
			Wedge	Other	

			01	
			02	
			03	
			04	
			05	
			06	
0.52			07	Average 4.36
0.10			08	
			09	
			10	
			11	
			12	
0.03			13	
			14	
			15	
			16	
0.18			17	
			18	
0.93			19	
0.40			20	
			21	
			22	
1.50			23	
			24	
			25	
			26	
			27	
			28	
			29	
			30	
3.69			31	
TOTALS				

Date	Silver Lake East 62-0001 (1912)
10-Jan-13	986.45
18-Jan-13	987.28
28-Feb-13	987.53
26-Apr-13	988.81
8-May-13	989.03
22-May-13	989.28
4-Jun-13	989.22
20-Jun-13	989.26
27-Jun-13	989.78
2-Jul-13	989.64
11-Jul-13	989.33
15-Jul-13	989.25
25-Jul-13	988.99
1-Aug-13	988.86
15-Aug-13	988.7
29-Aug-13	988.45
12-Sep-13	988.19
26-Sep-13	988.09
11-Oct-13	988.11
24-Oct-13	988.12
5-Nov-13	988.06
29-Apr-14	989.48
16-May-14	989.41
20-May-14	989.54
28-May-14	989.46
3-Jun-14	989.74
13-Jun-14	989.47
19-Jun-14	990.10
26-Jun-14	989.78
1-Jul-14	989.59
10-Jul-14	989.31
15-Jul-14	989.24
22-Jul-14	989.10
8-Aug-14	989.00
19-Aug-14	988.70
12-Sep-14	988.78
23-Sep-14	988.68
10-Oct-14	988.72
24-Oct-14	988.62
7-Nov-14	988.50
15-Jan-15	988.57
5-Feb-15	988.45
16-Apr-15	988.33
1-May-15	988.19
15-May-15	988.24
28-May-15	988.44
12-Jun-15	988.71
22-Jun-15	988.84
7-Jul-15	989.12
21-Jul-15	989.36
6-Aug-15	988.94
17-Aug-15	988.82

Monthly Change -0.54
 Yearly Change 0.12
 Discharge Elevation 988.51
 Depth Over Outlet 0.31