

HIGHLIGHTS

Valley Branch Watershed – Lake Levels, 2012

July 1, 2012

June experienced about average precipitation, with 4.26 inches (at Lake Jane). Not much change in lake levels. Long Lake was down 0.61 feet and is now just slightly above overflow, while Olson & DeMontrevile are still a bit above overflow. Other lakes were down small amounts.

Yearly comparisons show that Sunfish Lake was up 2.24 feet and Lake Jane was up 0.88 feet, while Long Lake was down 1.02 feet.

Storage values in the Project 1007 lakes showed an increase in storage of 150 acre feet since last month, and an increase in storage of just 54 acre feet over a year ago.

	Acres	Overflow Elev.	Level	Acre ft. Storage	Total
Long Lake	90	937.50	937.75	-22.50	-82.10
O+D	220	928.35	928.97	-136.40	
Jane	160	922.35	921.87	76.80	
Eagle Pt.	130	894.00	894.25	-32.50	-76.44
Elmo	274	884.10	884.21	-30.14	
Horseshoe	60	875.20	875.43	-13.80	

		Tri Lakes	Lower Lakes	Total
	4/1/11	310	262	572
	5/1/11	-130	232	102
	6/1/11	-73	46	-27
	7/1/11	-104	-108	-212
Storage	8/1/11	-482	-588	-1070
Below	9/1/11	-335	-565	-900
Overflow	10/1/11	-6	-94	-100
	10/28/11	133	-9	124
	12/1/11	213	114	327
	4/1/12	107	-42	65
	5/1/12	140	-28	112
	6/1/12	-161	-147	-308
	7/1/12	-82	-76	-158

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH	EAGLE POINT	ELMO	HORSE- SHOE	DOWNS	SILVER LAKE	GRAVEL PIT	WLSS LOWER
2008											
1/1	937.49	927.47	920.97		893.58	883.75	873.74	886.63			
2/1	937.24	927.30	920.86		<893	883.70	873.54	886.09			
3/1	936.89	927.16	920.87		<893	883.67	873.22	886.35			
4/1	937.35	927.26	920.96		893.39	883.92	873.42	886.41			
5/1	939.05	928.24	921.40	891.84	894.47	884.17	875.52	886.84			
6/1	939.09	928.90	921.39	891.74	894.18	884.20	875.41	886.67			
7/1	938.07	928.75	921.34	891.60	894.15	884.14	875.41	886.43			
8/1	937.33	928.31	921.02	891.15	893.20	883.83	874.36	886.24			
9/1	936.77	927.87	920.76	890.90	<893	883.71	873.80	885.41			
10/1	936.61	927.58	920.68	890.47		883.56	873.26	885.17			
11/1	936.43	927.32	920.52	889.37		883.54	872.95	884.79			
12/1	936.41	927.28	920.52			883.58	872.78	884.75			
2009											
1/1	936.81	926.23	920.58			883.43	872.65	884.94			
2/1	936.81	926.96	920.55			883.44	872.45	884.74			
3/1	935.81	927.02	920.62			883.48	872.43	884.64			
4/1	936.82	927.13	920.73			883.58	872.58	887.91			
5/1	936.60	927.09	920.53			883.49	872.24	887.39			
6/1	936.03	926.58	920.11			882.94	871.61	886.89			
7/1	935.84	926.30	919.91			882.82	871.22	886.69			
8/1	935.48	926.21	919.61			882.58	870.71	886.06			
9/1	936.56	926.21	919.74			882.70	870.66	886.28			
10/1	935.81	926.21	919.36			882.34	870.14	885.74			
11/1	937.34	925.89	919.81			882.65	871.53	885.86			
12/1	937.12	925.45	919.76			882.69	871.04	886.04			
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	886.34	988.55	865.56	857.78
6/1	938.36	929.03	921.94	892.24	894.35	884.36	875.70	886.32	989.10	865.70	861.00
7/1	937.75	928.97	921.87	892.24	894.25	884.21	875.43	886.32		864.93	
Month diff.	-0.61	-0.06	-0.07	0.00	-0.10	-0.15	-0.27	0.00		-0.77	3.22
Year Diff.	-1.02	-0.33	0.88	2.24	-0.51	0.17	-0.20	1.10			
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

12	06	X	am						8
Year	Month	ObTime		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 55106

REMARKS:
Give times and comments
about events.
(Temperature and Phenology)

Type of Gauge (Check One)

Cyl	Test Tube	Other
-----	-----------	-------

RAINFALL (INCHES)	SNOW FALL (INCHES)	SNOW ON GROUND (INCHES)	Hour
			01
			02
			03
			04
			05
			06
			07
			08
			09
			10
0.65			11
			12
			13
0.10			14
0.87			15
			16
0.39			17
0.63			18
1.43			19
			20
0.19			21
			22
			23
			24
			25
			26
			27
			28
			29
			30
			31

Average = 4.21

7.26 TOTALS

