

HIGHLIGHTS  
Valley Branch Watershed – Lake Levels  
October 3, 2017

September's precipitation was just slightly above average (3.69 inches at Lake Jane), versus a Minnesota average of 3.08 inches. Because the first three days in October were rainy, I did not take lake level readings until October 3. Even so, lake levels were little changed from September 1 through October 3.

On a yearly basis, most lakes were lower with Long Lake being 3.89 feet lower than a year ago.

Storage values in the Project 1007 lakes on September 1 showed a negative storage of 496 acre feet. This is down from last month when there was a negative storage of 309 acre feet. These values mean little concern regarding lake levels.

	Acres	Overflow	Level Elev.	Acre ft. Storage	Total	
Long Lake	90	937.50	937.82	-28.80	-495.70	
O+D	220	928.35	929.81	-321.20		
Jane	160	922.35	921.98	59.20		
Eagle Pt.	130	894.00	894.30	-39.00		
Elmo	274	884.10	884.55	-123.30		
Horseshoe	60	875.20	875.91	-42.60		
			Tri Lakes	Lower Lakes	Total	
			6/1/16	-291	-205	-559
			7/1/16	-366	-129	-495
Storage			8/1/16	-338	-231	-569
Below			9/1/16	-627	-587	-1179
Overflow			10/1/16	-651	-597	-1248
			5/1/17	-651	-570	-1237
			6/1/17	-559	-541	-1100
			7/1/17	-281	-184	-465
			8/1/17	-71	-171	-242
			9/1/17	-111	-198	-309
			10/1/17	-291	-205	-496

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH- POINT	EAGLE ELMO	HORSE- SHOE	DOWNS	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	862.16
10/1	937.60	928.70	921.85	890.78	894.23	884.26	875.53	887.04	988.51	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	857.78
6/1	938.36	929.03	921.94	892.24	894.35	884.36	875.70	886.32	989.22	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	862.18
8/1	939.60	929.07	922.09		894.55	884.20	875.88	889.46	989.86	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	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
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	922.08		894.28	884.33	875.69	885.79		
8-1	940.22	928.97	922.08		894.78	884.43	875.85	885.76		
9-1	941.54	929.43	922.51		896.73	884.67	875.89	886.42		
10/1	941.71	929.55	922.40		896.83	884.73	875.97	886.69		862.68
2017										
5-1	938.72	929.43	922.47		895.78	884.65	875.98	887.01		
6-1	940.09	929.73	922.47		896.48	884.71	876.05	887.70		
7-1	938.40	929.33	922.25		894.93	884.53	875.59	887.28		
8-1	937.43	928.89	921.95		894.33	884.43	875.83	886.82		
9-1	937.85	928.93	922.05		894.30	884.53	875.89	886.82		
10-1	937.82	928.81	921.98		894.30	884.55	875.91	886.62		
Month Diff.	-0.03	-0.12	-0.07		0.00	0.02	0.02	-0.20		
Year Diff.	-3.89	-0.74	-0.42		-2.53	-0.18	-0.06	-0.07		
Overflow	937.50	928.35	922.35	927.80	894.00	884.10	875.20	891.50		