

HIGHLIGHTS
 Valley Branch Watershed – Lake Levels
 September, 1
 2018

The highlights on September 1 are very similar to last months highlights. There was 3 inches of rain during August. There was very little change in lake levels the biggest being Long Lake which was down 0.64 feet.

As last month, I just made a guess on Eagle Point level. I have a problem going up hill using my cane. We can probably get Mike Downing to check on Eagle Point lake level.

Storage values in the Project 1007 lakes on September 1 were the same as last month's, therefore no concern.

	Acres	Overflow	Level Elev.	Acre ft. Storage		Total
Long Lake	90	937.50	937.90	-36.00	}	-95.60
O+D	220	928.35	928.89	-118.80		
Jane	160	922.35	921.98	59.20		
Eagle Pt.	130	894.00	913.84	913.64	}	696.76
Elmo	274	884.10	884.42	-87.68		
Horseshoe	60	875.20	875.76	-33.60		

		Tri Lakes	Lower Lakes	Total
	8/1/16	-338	-231	-569
	9/1/16	-627	-587	-1179
	10/1/16	-651	-597	-1248
	5/1/17	-651	-570	-1237
Storage	6/1/17	-559	-541	-1100
Below	7/1/17	-281	-184	-465
Overflow	8/1/17	-71	-171	-242
	6/1/18	-75	722	647
	7/1/18	-75	722	647
	8/1/18	-96	792	696
	9/1/18	-96	792	696

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH POINT	EAGLE ELMO	HORSE- SHOE	DOWN LAKE	SILVER PIT	GRAVEL WSS LOWER
2011									
4/1	939.14	927.79	920.28		894.45	883.68	871.78	886.16	
5/1	940.07	929.14	920.67	889.62	894.58	883.53	872.88	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	875.83	885.22	899.10
8/1	940.88	929.34	922.11		896.76	884.81	875.78	889.48	866.68
9/1	939.68	929.09	922.20	890.80	896.08	885.06	875.73	887.61	889.07
10/1	937.60	928.70	921.85	890.78	894.23	884.28	875.53	887.04	866.77
10/28	937.15	928.40	921.65	890.74	893.83	884.26	874.98	887.06	865.14
12/1	937.06	928.16	921.53		893.13	884.23	874.59		862.16
									860.68
									858.28
2012									
4/1	937.53	928.25	921.80		893.73	884.31	875.52	888.29	862.45
5/1	937.40	928.25	921.67	891.78	893.60	884.33	875.48	886.56	888.55
6/1	938.36	929.03	921.94	892.24	894.35	884.36	875.70	886.32	865.56
7/1	937.75	928.97	921.87	892.24	894.25	884.21	875.43	886.16	865.70
8/1	937.26	928.83	921.72	891.92	894.04	884.22	874.78	885.72	864.93
9/1	936.32	928.35	921.33	891.68	893.25	883.89	873.86	885.41	888.68
10/1	935.60	927.69	920.87	891.00	893.21	883.65	873.00	884.66	888.15
11/1	935.58	927.45	920.74	890.88		883.61	872.90	887.75	
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	889.03	
6/1	939.20	928.92	921.79		894.27	884.37	875.77	887.44	889.22
7/1	941.67	929.75	922.56	892.69	894.93	884.98	875.87	890.24	866.15
8/1	939.60	929.07	922.09		894.55	884.20	875.88	889.46	862.18
9/1	937.64	928.80	921.87		893.78	884.04	874.68	888.57	861.68
10/1	936.39	928.41	921.39	891.53	893.63	883.94	873.82	887.94	858.13
11/1	936.18	928.32	921.41	891.75	893.57	884.14	873.40	887.64	888.11
11/20	935.72	928.17	921.41	891.75	893.57	884.18	873.48	887.62	888.06
2014									
5/1	940.52	929.18	922.11		896.02	884.60	875.54	888.51	898.41
6/1	941.76	929.71	922.55		895.88	884.58	876.08	890.58	866.54
7/1	942.65	930.13	923.79		896.83	885.38	876.02	898.74	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	886.35	865.20
2015									
5/1	936.65	928.01	920.59		No read	884.30	875.43	886.67	No read
6/1	937.41	928.09	920.64		No read	884.36	875.56	886.55	No read
7/1	937.78	928.39	920.78			884.38	875.46	886.33	No read
8/1	938.26	928.99	920.83		894.08	884.30	875.46	885.95	No read
9/1	937.35	928.93	920.71		894.28	884.30	874.96	885.48	No read
10/1	937.82	929.08	920.85		894.15	884.30	875.66	886.44	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	875.89	885.79	
8-1	940.22	928.97	922.08		894.78	884.43	875.85	885.78	
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	
2018									
6-1	938.18	929.10	921.28		894.33	884.63	875.98	886.39	
7-1	938.65	929.21	922.23		894.30	884.54	875.93	886.25	
8-1	937.90	928.89	921.98		894.00	884.42	875.76	885.85	
9-1	937.26	928.69	921.93		894.00	884.60	875.91	885.85	
Month Diff.	-0.64	-0.20	-0.05		0.00	0.18	0.15	0.00	
Year Diff.	-4.28	-0.74	-0.58		-2.73	-0.07	0.02	-0.57	
Overflow	937.50	928.35	922.35	927.80	894.00	884.10	875.20	891.50	

Silver Lake

Date	Elevation
9/2/2015	988.86
9/17/2015	989.1
9/29/2015	989.2
10/15/2015	988.99
10/28/2015	989.08
3/22/2016	989.05
4/15/2016	988.97
4/29/2016	989.16
5/11/2016	989.12
5/26/2016	988.94
6/10/2016	988.89
6/30/2016	989.09
7/8/2016	989.08
7/21/2016	988.94
8/4/2016	989.37
8/12/2016	989.68
8/19/2016	989.5
9/1/2016	989.38
9/16/2016	989.38
9/30/2016	989.44
10/14/2016	989.27
10/28/2016	989.22
11/8/2016	989.14
11/21/2016	989.06
12/5/2016	989.2
1/17/2017	989.24
2/13/2017	988.97
3/21/2017	989.1
4/6/2017	989.02
4/21/2017	989.18
5/4/2017	989.34
5/18/2017	989.64
5/31/2017	989.47
6/13/2017	989.22
6/26/2017	989.03
7/12/2017	988.93
7/20/2017	988.92
8/1/2017	988.77
8/14/2017	988.88
8/22/2017	989.14
8/28/2017	989.14
9/12/2017	988.91
9/25/2017	988.88
10/9/2017	989.27
10/27/2017	989.19
11/6/2017	989.17
11/28/2017	988.85
5/1/2018	989.27
5/16/2018	989.19
5/30/2018	989.21
6/12/2018	989.03
6/28/2018	989.35
7/10/2018	989.3
7/24/2018	989.19
8/7/2018	989
8/21/2018	988.76
9/5/2018	988.82

Discharge Elevation	988.35 1912 datum
Depth Over Outlet (feet)	0.47

