

HIGHLIGHTS

Valley Branch Watershed – Lake Levels, 2014
July 1, 2014

June is normally the wettest month of the year, but this year it was extraordinary wet with 9.46 inches (at Lake Jane), which is less than reported at the airport. All lakes are higher, with Olson and Demontreville, Lake Jane, Eagle Point and Elmo at readings not seen in the last 27 years. The gage on Downs was under water, so I couldn't get a reading. All these lakes, except Downs, are above overflow. The West Lakeland storage is also the highest I have seen.

Yearly changes in water levels were greater on all lakes on July 1, 2014 than a year earlier. Hopefully, July appears to be drier, at least for the first week.

As expected, storage values in the Project 1007 lakes showed a decrease in storage of 474 acre feet from July 1, 2013 to July 1, 2014.

	Acres	Overflow	Level Elev.	Acre ft. Storage	Total
Long Lake	90	937.50	942.65	-463.50	-1085.50
O+D	220	928.35	930.13	-391.60	
Jane	160	922.35	923.79	-230.40	
Eagle Pt.	130	894.00	896.83	-367.90	-767.82
Elmo	274	884.10	885.38	-350.72	
Horseshoe	60	875.20	876.02	-49.20	
					-1853.32

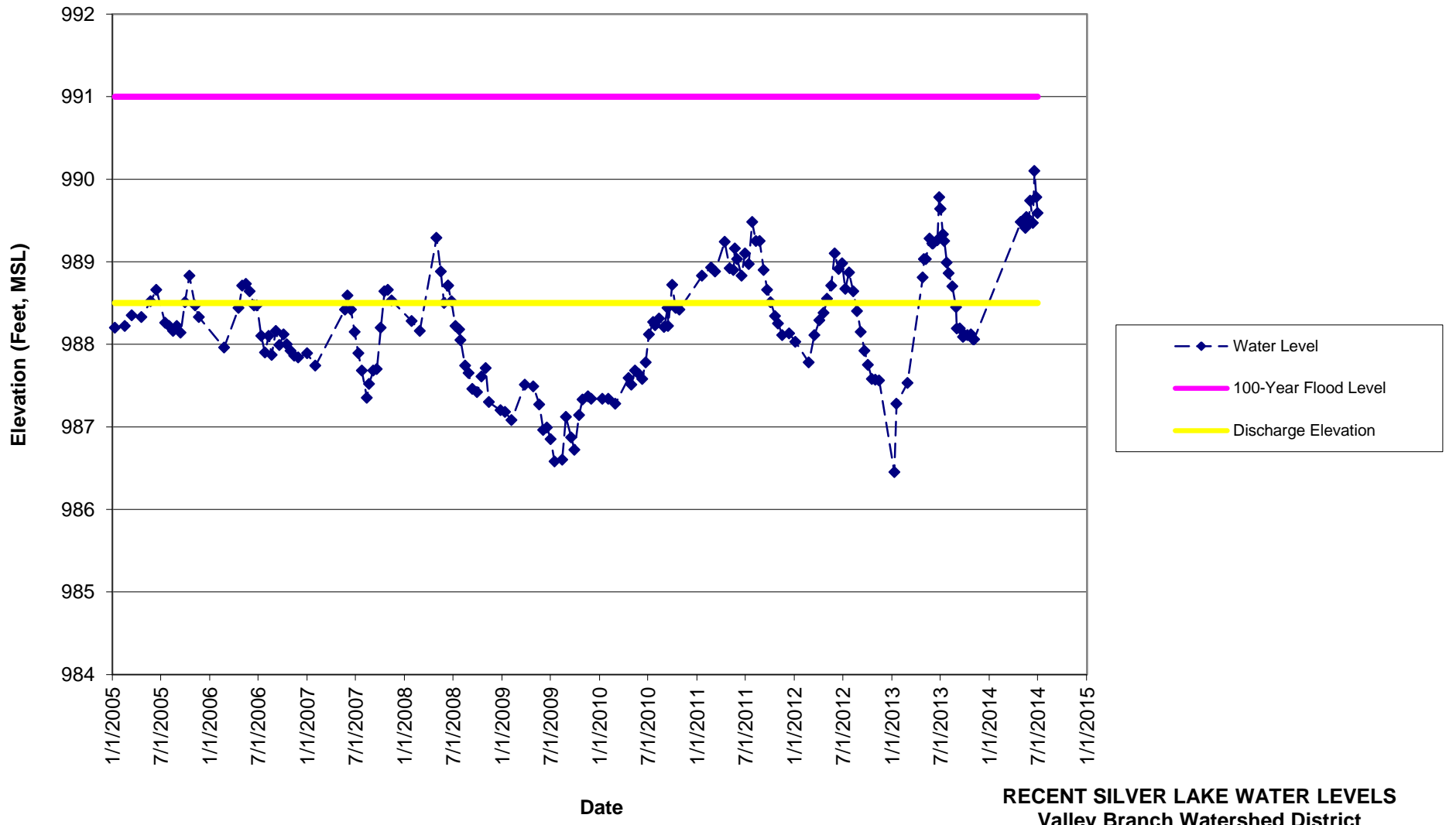
		Tri Lakes	Lower Lakes	Total
	5/1/13	85	-2	83
	6/1/13	-189	-143	-332
	7/1/13	-717	-662	-1379
Storage	8/1/13	-306	-140	-446
Below	9/1/13	-3	76	73
Overflow	10/1/13	240	257	497
	11/1/13	276	153	429
	5/1/14	-416	-420	-836
	6/1/14	-715	-429	-1144
	7/1/14	-1085	-768	-1853

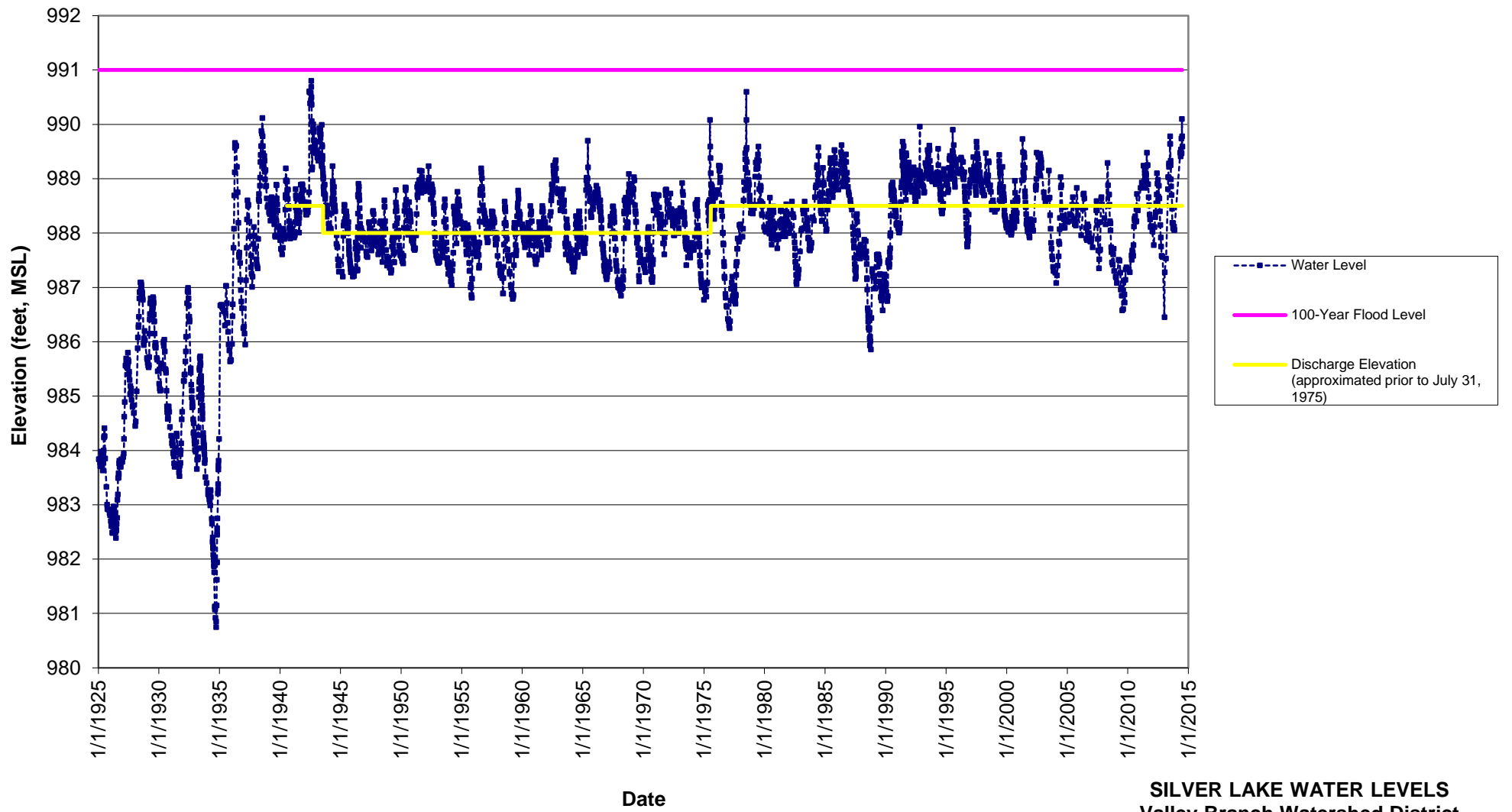
VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH POINT	EAGLE	ELMO	HORSE- SHOE	DOWNNS	SILVER LAKE	GRAVEL PIT	WLSS LOWER
2009											
1/1	936.18	927.23	920.58			883.43	872.65	884.94			
2/1	935.92	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	925.91	919.61			882.58	870.71	886.06			
9/1	936.56	925.97	919.74			882.70	870.66	886.28			
10/1	935.90	925.53	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	886.56	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	
Month diff.	0.89	0.42	1.24		0.95	0.80	-0.06			0.11	0.33
Year Diff.	0.98	0.38	1.23		1.90	0.40	0.15			0.50	1.15
Overflow	937.50	928.35	922.35	927.80	894.00	884.10	875.20	891.50			

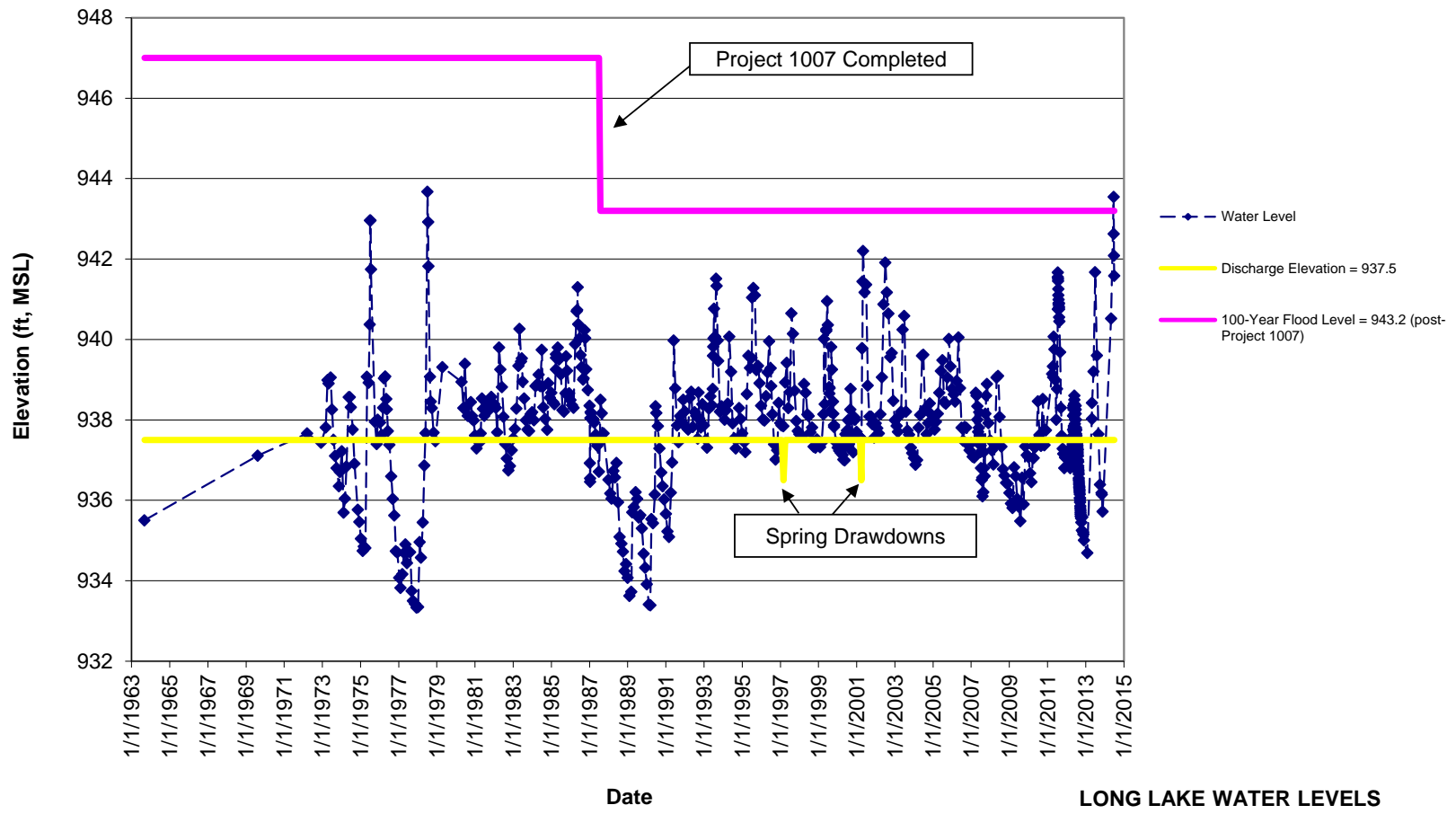
Date	Silver Lake East 62-0001 (1912)
5-Jan-12	988.03
24-Feb-12	987.78
16-Mar-12	988.11
4-Apr-12	988.29
20-Apr-12	988.38
3-May-12	988.55
18-May-12	988.71
31-May-12	989.10
15-Jun-12	988.91
28-Jun-12	988.98
10-Jul-12	988.78
24-Jul-12	988.87
9-Aug-12	988.64
23-Aug-12	988.40
6-Sep-12	988.15
20-Sep-12	987.92
3-Oct-12	987.75
18-Oct-12	987.58
31-Oct-12	987.57
14-Nov-12	987.56
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

Monthly Change -0.15
 Yearly Change -0.05
 Discharge Elevation 988.51
 Depth Over Outlet 1.08

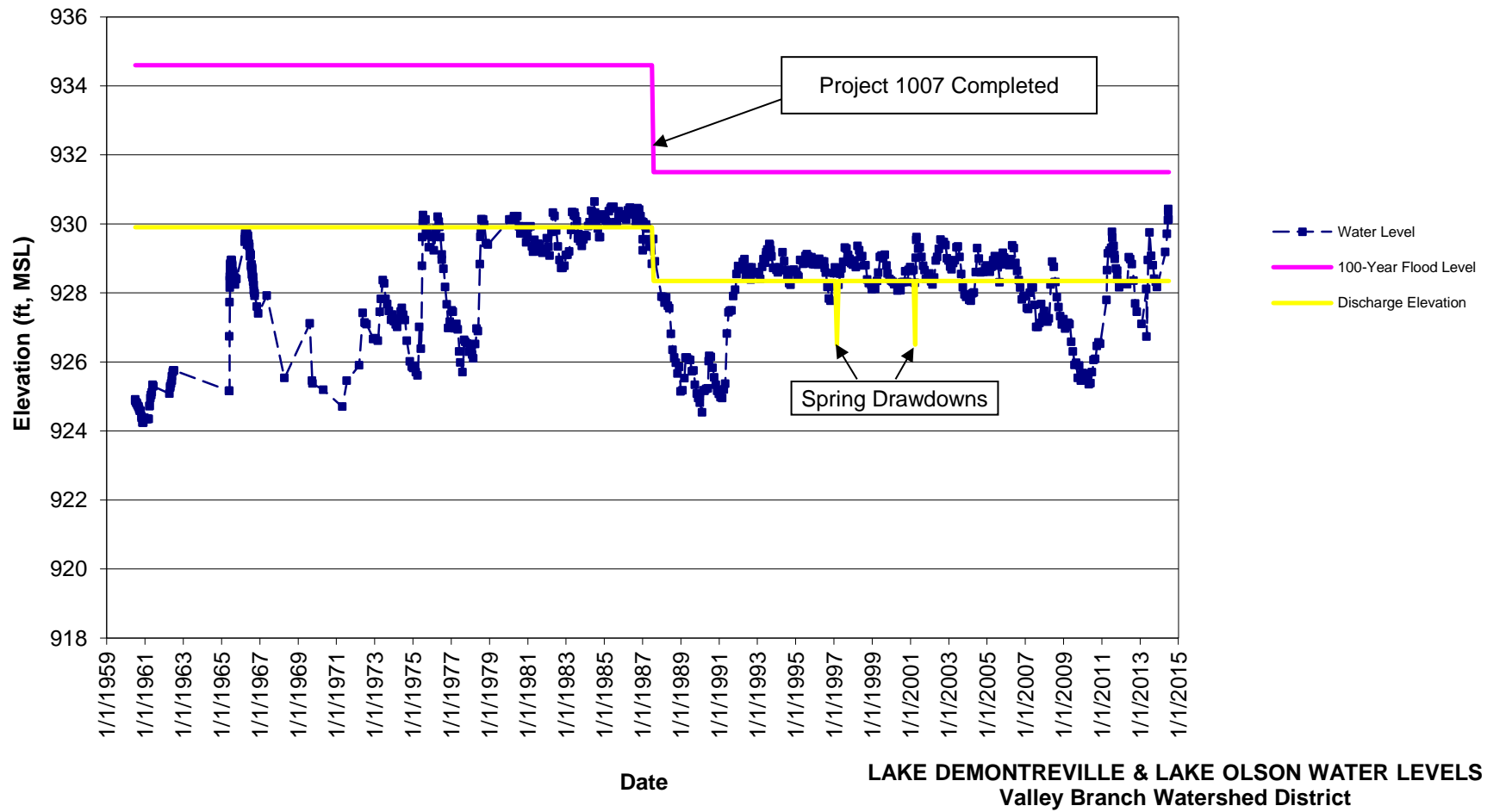


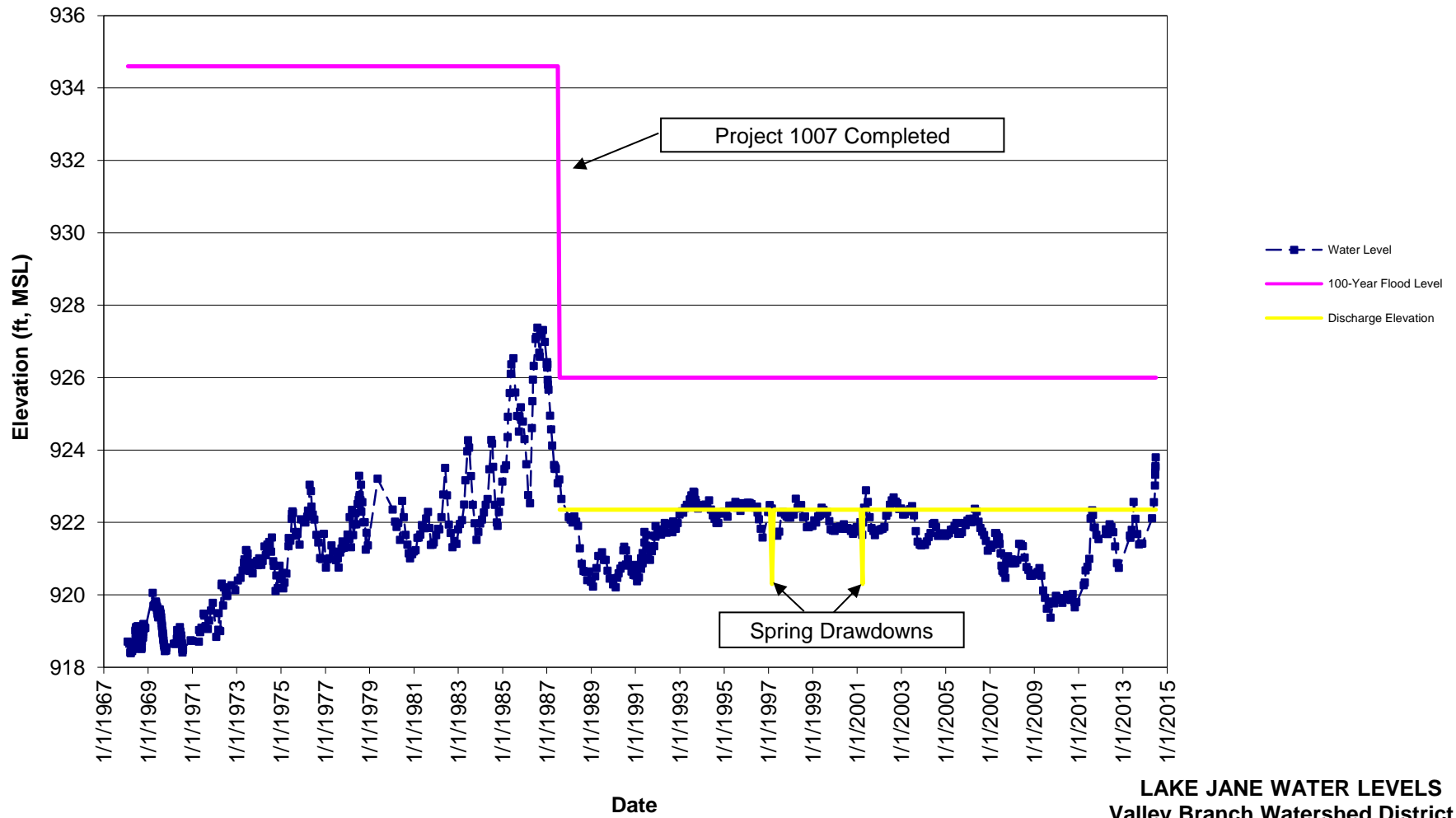


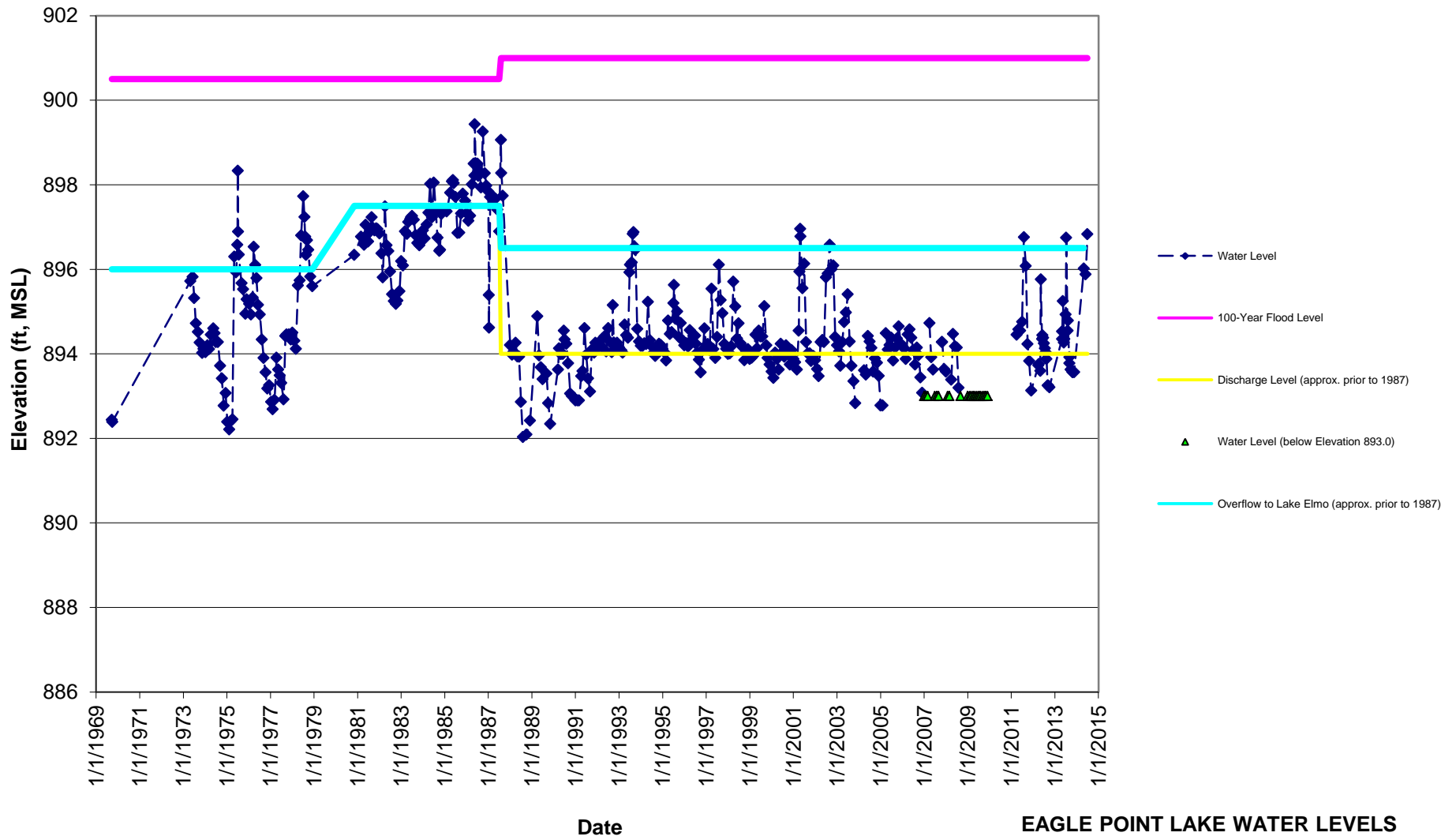
SILVER LAKE WATER LEVELS
Valley Branch Watershed District



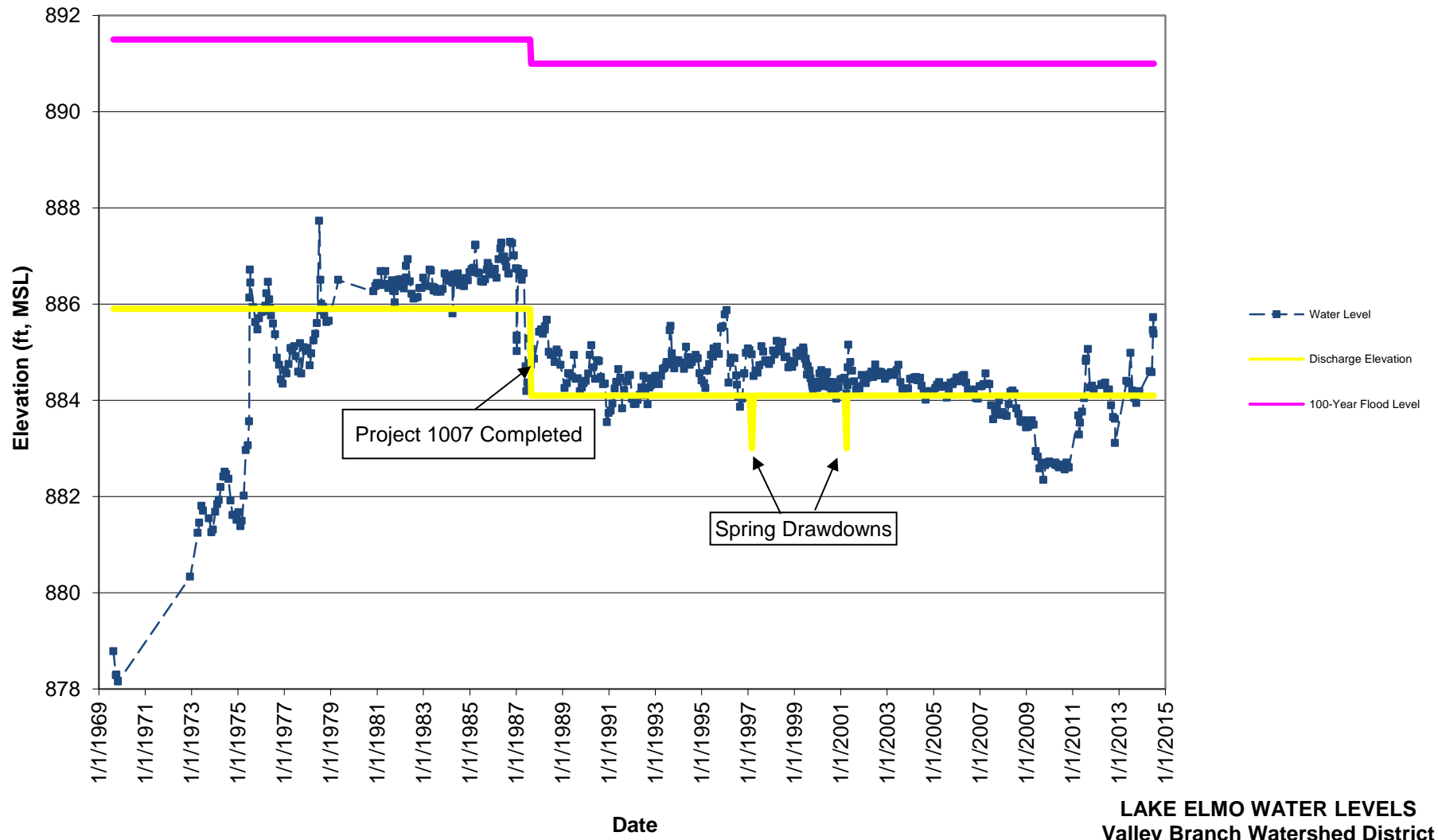
LONG LAKE WATER LEVELS
Valley Branch Watershed District



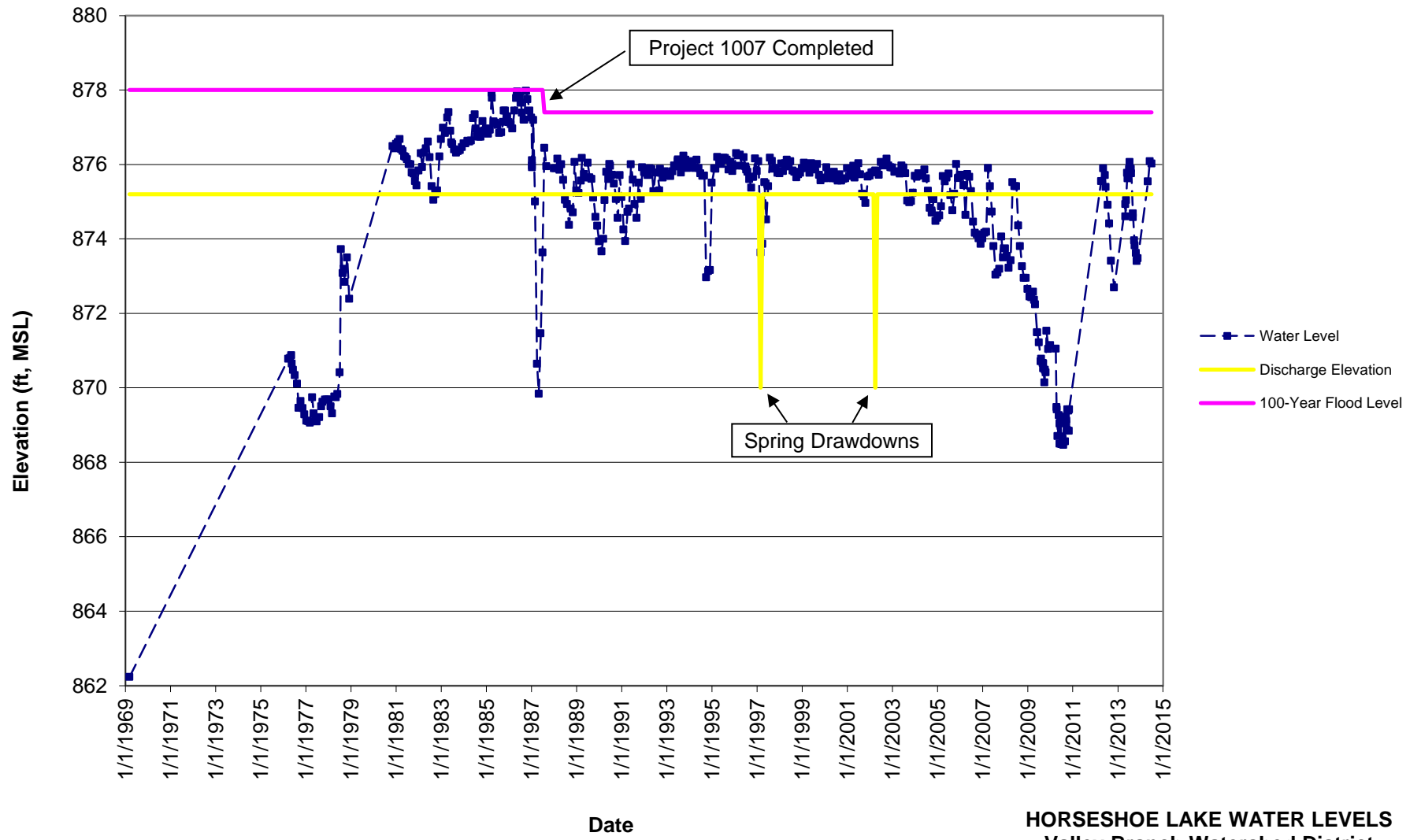




EAGLE POINT LAKE WATER LEVELS
Valley Branch Watershed District



LAKE ELMO WATER LEVELS
Valley Branch Watershed District



HORSESHOE LAKE WATER LEVELS
Valley Branch Watershed District