

## Appendix 1. Bottom elevation, volume, and surface area for reservoirs in Massachusetts

Borden Brook Reservoir  
Springfield Water Department

Reservoir bottom elevation, in feet	Cumulative volume, in million gallons	Reservoir surface area, in square miles
1005	0.00	0.00E+00
1006	0.00	5.04E-05
1008	0.26	5.13E-03
1010	4.06	1.79E-02
1012	13.47	3.16E-02
1014	28.66	4.55E-02
1016	49.93	6.12E-02
1018	77.71	7.55E-02
1020	111.57	9.16E-02
1022	152.57	1.09E-01
1024	200.51	1.24E-01
1026	254.63	1.38E-01
1028	314.55	1.51E-01
1030	379.86	1.64E-01
1032	450.64	1.77E-01
1034	526.57	1.88E-01
1036	607.01	1.99E-01
1038	691.66	2.08E-01
1040	780.24	2.17E-01
1042	872.67	2.27E-01
1044	968.78	2.35E-01
1046	1068.46	2.44E-01
1048	1171.85	2.52E-01
1050	1278.71	2.60E-01
1052	1388.86	2.68E-01
1054	1502.31	2.76E-01
1056	1618.96	2.84E-01
1058	1738.72	2.91E-01
1060	1861.66	2.99E-01
1062	1987.77	3.06E-01
1064	2117.11	3.14E-01
1066	2249.64	3.22E-01
1068	2385.46	3.30E-01
1070	2524.90	3.42E-01

Contours are relative to a local vertical datum provided by the  
Springfield Water Department.