

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

Cobble Mountain Reservoir
Springfield Water Department

Reservoir bottom elevation, in feet	Cumulative volume, in million gallons	Reservoir surface area, in square miles
747	0.00	0.00E+00
748	0.00	3.95E-05
750	0.04	1.70E-04
752	0.15	3.57E-04
754	0.37	8.00E-04
756	0.89	1.75E-03
758	1.82	2.77E-03
760	3.22	3.99E-03
762	5.19	5.53E-03
764	7.88	7.50E-03
766	11.46	9.69E-03
768	16.08	1.26E-02
770	21.95	1.55E-02
772	29.09	1.89E-02
774	37.82	2.32E-02
776	48.39	2.76E-02
778	60.77	3.23E-02
780	75.17	3.71E-02
782	91.68	4.24E-02
784	110.50	4.81E-02
786	131.65	5.33E-02
788	154.92	5.83E-02
790	180.30	6.34E-02
792	207.82	6.87E-02
794	237.86	7.59E-02
796	270.99	8.30E-02
798	306.93	8.96E-02
800	345.66	9.65E-02
802	387.38	1.04E-01
804	432.01	1.10E-01
806	479.50	1.17E-01
808	529.79	1.24E-01
810	582.92	1.31E-01
812	638.96	1.38E-01
814	697.91	1.45E-01
816	759.88	1.52E-01
818	824.92	1.60E-01
820	893.17	1.67E-01
822	964.60	1.75E-01
824	1039.19	1.83E-01
826	1116.87	1.90E-01
828	1197.84	1.98E-01
830	1282.64	2.08E-01
832	1371.55	2.18E-01

Contours are relative to a local vertical datum provided by the
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834	1464.69	2.29E-01
836	1562.53	2.41E-01
838	1665.45	2.53E-01
840	1773.65	2.66E-01
842	1887.19	2.79E-01
844	2006.03	2.91E-01
846	2130.24	3.04E-01
848	2259.83	3.17E-01
850	2394.97	3.31E-01
852	2535.71	3.44E-01
854	2682.35	3.59E-01
856	2835.01	3.73E-01
858	2993.74	3.88E-01
860	3158.71	4.04E-01
862	3330.57	4.21E-01
864	3509.88	4.39E-01
866	3696.65	4.57E-01
868	3891.10	4.76E-01
870	4093.81	4.96E-01
872	4305.10	5.17E-01
874	4525.20	5.39E-01
876	4754.40	5.60E-01
878	4992.49	5.81E-01
880	5239.30	6.02E-01
882	5494.96	6.24E-01
884	5760.06	6.48E-01
886	6035.20	6.72E-01
888	6320.62	6.96E-01
890	6616.12	7.21E-01
892	6921.94	7.46E-01
894	7238.12	7.70E-01
896	7564.69	7.96E-01
898	7902.07	8.22E-01
900	8250.03	8.47E-01
902	8608.31	8.71E-01
904	8976.91	8.96E-01
906	9355.79	9.21E-01
908	9744.96	9.46E-01
910	10144.56	9.71E-01
912	10554.97	9.98E-01
914	10977.18	1.03E+00
916	11411.45	1.06E+00
918	11858.78	1.09E+00
920	12320.15	1.13E+00
922	12797.06	1.16E+00
924	13289.35	1.20E+00

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926	13797.01	1.24E+00
928	14321.48	1.28E+00
930	14863.03	1.32E+00
932	15421.33	1.36E+00
934	15995.87	1.40E+00
936	16586.98	1.44E+00
938	17194.80	1.48E+00
940	17818.67	1.51E+00
942	18457.97	1.55E+00
944	19112.36	1.59E+00
946	19780.10	1.62E+00
948	20459.53	1.64E+00
950	21149.85	1.67E+00
952	21851.74	1.70E+00