

Earthquake Energy Output to Volume (M5 to M6)

Earthquake Magnitude	Energy Released (Joules)	Manipulative Volume (cm ³)	Manipulative Radius (cm)
5	2.00E+12	0.989375491209727	0.54
5.1	2.82E+12	1.39753028175856	0.605890002130207
5.2	3.98E+12	1.97406409060128	0.679819774901845
5.3	5.62E+12	2.78843931230593	0.762770302843298
5.4	7.94E+12	3.93877522378884	0.855842356491837
5.5	1.12E+13	5.56366587393613	0.960270802346319
5.6	1.58E+13	7.8588891603702	1.07744166316464
5.7	2.24E+13	11.1009766589878	1.20890945349677
5.8	3.16E+13	15.6805489684649	1.35641879297801
5.9	4.47E+13	22.1493621471932	1.52192687188011
6	6.31E+13	31.286802866985	1.70762998621827