

Subsurface rupture length derived earthquake magnitude estimates

Moment Magnitude (M)	Rupture Length (km)	Rupture Length (miles)	Rupture Length (feet)
3.0	0.125	0.1	413
4.0	0.6	0.4	1,980
5.0	2.5	1.6	8,250
6.0	12.5	7.8	41,250
7.0	60	37.5	198,000
8.0	250	156.3	825,000
9.0	1265	790.6	4,174,500

Wells and Coppersmith (1994)