

### San Francisco area probabilities

36.25 - 38.75 N latitude/120.75 - 123.25 W longitude

data from <http://earthquake.usgs.gov/earthquakes/search/>

A magnitude range	B # of earthquakes 1983-2012 (30 years; from data base)	C average # of earthquakes per year	D MRI (mean recurrence interval) in years	E one year probability				F	
				of earthquake occurring		of earthquake <u>not</u> occurring		<i>fractional</i>	<i>%</i>
				<i>fractional</i>	<i>%</i>	<i>fractional</i>	<i>%</i>		
2.0-2.9	1716	57.20	0.017	1.000	100%	0	0%		
3.0-3.9	1326								
4.0-4.9	161								
5.0-5.9	13								
6.0-6.9	3	0.10	10.000	0.100	10%	0.900	90%		
7.0-7.9	0	0.00	50.000						
8.0-8.9	0								
9.0-9.9	0								

