

Deterministic Ground Motions							
Fault	M_{W(MAX)}	Rupture Geometry	PGA (g)	PGA + σ (g)	Duration (sec)	Recurrence Interval (years)	Seismic Source Type
San Gregorio	7.2	Strike-slip	0.46	0.67	19	400	B
Zayante-Vergeles	7.0	Reverse	0.41	0.62	16	8,821	B
Monterey Bay-Tularcitos	7.3	Strike-slip	0.37	0.54	21	2,841	B
San Andreas (1906 rupture)	7.9	Strike-slip	0.31	0.45	38	210	A

M_{W(MAX)}: Moment magnitude of maximum credible earthquake. San Andreas 1906 rupture after Peterson et al., 1996; San Gregorio, Zayante-Vergeles, Monterey Bay-Tularcitos after Cao et al., 2003.

Rupture Geometry and Recurrence Interval after Peterson et al., 1996.

PGA: Mean peak horizontal ground acceleration. After Sadigh et al., 1997.

PGA + σ : Mean peak horizontal ground acceleration plus one dispersion. After Sadigh et al., 1997.

Duration: Dobry et al., 1978

Recurrence Interval: Peterson et al., 1996

Seismic Source Type from CBSC, 2002

Deterministically Estimated Seismic Shaking Intensities