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## California Fault Parameters 1996 Draft

Mines & Geology

### SAN DIEGO AREA FAULTS

This table presents the preliminary values used by the [California Department of Conservation's Division of Mines and Geology](#) and the [U.S. Geological Survey](#) for estimating seismic hazard in the State of California.

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Fault Name and Geometry (1)	Length		Slip Rate		Rank (2)	Maximum Moment Magnitude (3)	Moment Rate (Newton-meters/yr)	Characteristic Return Interval (yrs)	Down-Dip Width (km)	Dip (deg.)	Magnitude Distribution Type (4)	Segment Endpoint North (Lon/Lat)	Segment Endpoint South (Lon/Lat)	Comments
	(km)	+/-	(mm/yr)	+/-										
Rose Canyon Fault Zone (rl-ss)	55	6	1.50	0.50	M	6.9	3.2E+16	781	13	90	cg	-117.42; 33.12	-117.13; 32.71	Minimum slip rate reported by Lindvall and Rockwell (1995).
Newport-Inglewood Fault Zone (offshore) (rl-ss)	66	7	1.50	0.50	P	6.9	3.9E+16	651	13	90	cg	-117.91; 33.60	-117.43; 33.16	Slip rate based on assumption that slip from Rose Canyon zone transfers to offshore Newport-Inglewood (WGCEP, 1995).
Coronado Bank Fault (rl-ss)	185	19	3.00	1.00	P	7.4	2.2E+17	653	13	90	cg	-117.93; 33.27	-116.84; 31.89	Slip rate for Palos Verdes fault assumed to extend to SE along Coronado Bank fault.

1. (ss) strike slip, (r) reverse, (n) normal, (rl) right lateral, (ll) left lateral, (o) oblique

2. W = well constrained slip rate; M = moderately constrained slip rate; P = poorly constrained slip rate; U = unconstrained.

3. Maximum moment magnitude calculated from rupture area regressions (type "all") from Wells and Coppersmith (1994).

4. (c) characteristic; (g) Gutenberg-Richter; (cg) 50% characteristic - 50% Gutenberg-Richter.

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