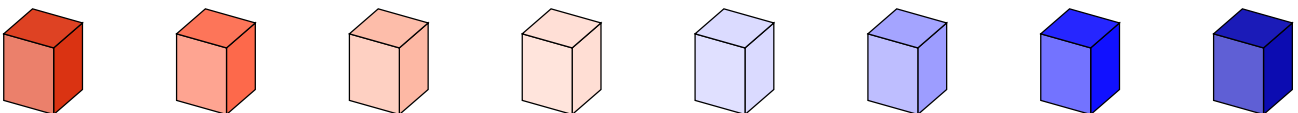


$\epsilon < -2$ $-2 < \epsilon < -1$ $-1 < \epsilon < -0.5$ $-0.5 < \epsilon < 0$ $0 < \epsilon < 0.5$ $0.5 < \epsilon < 1$ $1 < \epsilon < 2$ $2 < \epsilon$



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.08366122)

Mbar = 7.416646

Dbar = 30.04131

Ebar = 2.233052

7.75 Mmode < 8.25

40.0 Dmode < 50.0

2.0 < Emode

Disaggregation Plot Parameters Info :

IMR Param List:

IMR = Averaged Multi IMR; IMR Weights = Weighted List: 4 elements

* Abrahamson, Silva & Kamai (2014) EXPERIMENTAL: 0.25

* Boore, Stewart, Seyhan & Atkinson (2014) EXPERIMENTAL: 0.25

* Campbell & Bozorgnia (2014) EXPERIMENTAL: 0.25

* Chiou & Youngs (2014) EXPERIMENTAL: 0.25 Std Dev Type = TotalTectonic Region = Active

Shallow Crust Gaussian Truncation = None Component = RotD50 Truncation Level = 2.0

Site Param List:

Depth 2.5 km/sec = 2.62; Depth 1.0 km/sec = 150.0; Vs30 Type = Inferred; Vs30 = 387.0

IMT Param List:

IMT = SA; SA Damping = 5.0; SA Period = 7.5

Forecast Param List:

Eqk Rup Forecast = CyberShake UCERF 2 Wrapper; 200m resolution = false

TimeSpan Param List:

Duration = 1.0 Years

Max. Source-Site Distance = 200.0

Disaggregation Bin Data :

Dist Mag E-2 -2<E-1 -1<E-0.5 -0.5>E0 0<E0.5 0.5<E1 1<E2 2>E

085.00	6.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
085.00	7.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.01	00.01
085.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.04	00.04
085.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.01	00.01
085.00	8.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
085.00	9.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
085.00	9.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	5.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	5.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	6.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	6.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	7.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.03	00.03
095.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.44	00.44
095.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.90	00.90
095.00	8.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	9.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
095.00	9.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	5.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	5.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	6.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	6.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	7.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.01	00.01
105.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.15	00.15
105.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.11	00.11
105.00	8.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	9.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
105.00	9.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00

Disaggregation Source List Info:

Source#	% Contribution	TotExceedRate	SourceName	DistRup	DistX	DistSeis	DistJB
000267	18.47	7.436112E-5	Santa Susana, alt 1	04.16	-04.16	07.24	04.16
000085	10.08	4.0599225E-5	S. San Andreas;PK+CH+CC+BB+NM+SM	45.51	45.51	45.61	45.51
000273	06.47	2.6051152E-5	Sierra Madre Connected	07.61	-05.80	10.23	07.61
000086	04.57	1.8409553E-5	S. San Andreas;PK+CH+CC+BB+NM+SM+NSB	45.51	45.51	45.61	45.51
000128	04.29	1.7294487E-5	S. San Andreas	45.51	-45.51	45.82	45.51
000084	03.96	1.5941652E-5	S. San Andreas;PK+CH+CC+BB+NM	48.29	38.98	48.39	48.29
000226	03.54	1.4267638E-5	Oak Ridge (Onshore)	20.84	19.04	20.84	12.24
000223	03.51	1.4146494E-5	Northridge	11.73	09.82	11.73	00.00
000064	02.99	1.2020607E-5	S. San Andreas;CH+CC+BB+NM+SM	45.51	45.51	45.61	45.51
000254	02.86	1.1514935E-5	San Cayetano	27.38	-17.18	30.17	27.38
000255	02.78	1.1200556E-5	San Gabriel	15.42	-15.42	17.66	15.42

000094 02.27 9.149049E-6 S. San Andreas;SM+NSB+SSB+BG+CO 45.51 -45.51 45.98 45.51
000272 02.18 8.768408E-6 Sierra Madre (San Fernando) 07.78 -04.86 11.07 07.78
000227 01.87 7.537609E-6 Oak Ridge Connected 19.01 16.56 19.01 12.58
000232 01.75 7.035449E-6 Palos Verdes Connected 33.05 20.69 33.19 33.05
000265 01.74 6.999754E-6 Santa Monica Connected alt 2 18.39 25.75 18.39 07.66
000264 01.73 6.949251E-6 Santa Monica Connected alt 1 20.09 25.06 20.09 06.07
000089 01.42 5.71556E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 45.51 -
45.51 45.82 45.51
000055 01.25 5.0383087E-6 S. San Andreas;CC+BB+NM+SM 45.51 45.51 45.61 45.51
000087 01.15 4.61968E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 45.51 45.51 45.61
45.51
000092 01.15 4.6167556E-6 S. San Andreas;SM+NSB+SSB 45.51 45.51 45.61 45.51
000132 01.11 4.4677226E-6 Anacapa-Dume, alt 2 18.97 26.99 18.97 10.33
000093 01.05 4.23318E-6 S. San Andreas;SM+NSB+SSB+BG 45.51 -45.51 46.28 45.51
000274 01.00 4.038163E-6 Simi-Santa Rosa 14.30 -06.99 15.55 14.27
000091 00.89 3.5747644E-6 S. San Andreas;SM+NSB 45.51 45.51 45.61 45.51
000283 00.76 3.0652106E-6 Verdugo 11.74 -04.98 13.41 11.74
000112 00.74 2.9949053E-6 San Jacinto;SBV+SJV+A+C 90.40 56.90 90.45 90.40
000057 00.74 2.9821638E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 45.51 -45.51 45.61 45.51
000271 00.67 2.695792E-6 Sierra Madre 23.72 -07.40 24.92 23.72
000025 00.66 2.6696478E-6 Garlock;GE+GC+GW 69.36 -69.36 69.42 69.36
000045 00.66 2.6566042E-6 S. San Andreas;BB+NM+SM 45.51 45.51 45.61 45.51
000231 00.65 2.6102314E-6 Palos Verdes 32.81 21.89 32.94 32.81
000088 00.65 2.60774E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 45.51 -45.51
45.84 45.51
000075 00.57 2.3105918E-6 S. San Andreas;NM+SM+NSB+SSB+BG+CO 45.51 -45.51 45.93 45.51
000056 00.56 2.2644265E-6 S. San Andreas;CC+BB+NM+SM+NSB 45.51 45.51 45.61 45.51
000083 00.55 2.2325355E-6 S. San Andreas;PK+CH+CC+BB 68.04 -22.10 68.11 68.04
000066 00.54 2.193424E-6 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 45.51 45.51 45.61
45.51
000073 00.53 2.1263693E-6 S. San Andreas;NM+SM+NSB+SSB 45.51 45.51 45.61 45.51
000049 00.50 2.0010004E-6 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 45.51 -45.51 45.89
45.51
000058 00.47 1.9016412E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 45.51 -45.51 46.04
45.51
000131 00.47 1.8782077E-6 Anacapa-Dume, alt 1 26.74 30.55 26.74 18.91
000071 00.46 1.848559E-6 S. San Andreas;NM+SM 45.51 45.51 45.61 45.51
000022 00.42 1.6859451E-6 Garlock;GC+GW 69.35 -69.35 69.42 69.35
000074 00.41 1.6545523E-6 S. San Andreas;NM+SM+NSB+SSB+BG 45.51 -45.51 46.19 45.51
000219 00.36 1.4591575E-6 Newport Inglewood Connected alt 2 28.59 -03.51 28.74 28.59
000218 00.34 1.3886294E-6 Newport Inglewood Connected alt 1 28.97 03.98 29.13 28.97
000090 00.29 1.1828361E-6 S. San Andreas;SM 45.51 45.51 45.61 45.51

000047 00.28 1.1221739E-6 S. San Andreas;BB+NM+SM+NSB+SSB 45.51 -45.51 45.61 45.51
000185 00.23 9.0899283E-7 Holser, alt 1 14.32 16.63 14.32 03.01
000270 00.22 9.036947E-7 Santa Ynez Connected 46.38 35.66 46.38 43.48
000072 00.18 7.400933E-7 S. San Andreas;NM+SM+NSB 45.51 45.51 45.61 45.51
000248 00.15 5.925314E-7 Red Mountain 69.91 -03.50 70.22 69.91
000184 00.14 5.7494077E-7 Hollywood 22.64 23.03 22.64 16.08
000099 00.13 5.311949E-7 San Jacinto;A+C 138.85 -38.01 138.88 138.85
000059 00.13 5.2807593E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 45.51 -45.51
45.84 45.51
000079 00.13 5.174756E-7 S. San Andreas;NSB+SSB+BG+CO 91.80 -48.47 92.18 91.80
000010 00.13 5.056975E-7 Elsinore;GI+T+J+CM 100.82 -10.16 100.96 100.82
000111 00.11 4.4369338E-7 San Jacinto;SBV+SJV+A 90.40 59.39 90.45 90.40
000216 00.11 4.3753022E-7 Newport-Inglewood, alt 2 28.28 06.89 28.43 28.28
000215 00.10 4.0301737E-7 Newport-Inglewood, alt 1 28.92 07.09 29.17 28.78
000268 00.10 3.8567765E-7 Santa Ynez (East) 46.44 37.93 46.44 42.43
000263 00.09 3.7309684E-7 Santa Monica, alt 2 19.84 25.75 19.84 13.71
000124 00.08 3.388234E-7 Elsinore 55.29 01.47 55.45 55.29
000125 00.08 3.0727384E-7 Garlock 69.36 -69.36 69.42 69.36
000130 00.07 3.0191376E-7 San Jacinto (SB to C) 90.40 56.90 90.45 90.40
000110 00.07 2.892012E-7 San Jacinto;SBV+SJV 90.40 61.33 90.45 90.40
000242 00.07 2.810978E-7 Puente Hills 31.42 15.27 31.42 29.71
000115 00.07 2.7002096E-7 San Jacinto;SBV+SJV+A+CC+B+SM 90.40 59.11 90.45 90.40
000244 00.06 2.3301567E-7 Puente Hills (LA) 28.90 18.88 28.90 27.21
000158 00.05 2.2021068E-7 Elysian Park (Upper) 28.62 11.89 28.62 26.87
000114 00.05 2.196871E-7 San Jacinto;SBV+SJV+A+CC+B 90.40 60.81 90.45 90.40
000208 00.05 2.192286E-7 Malibu Coast, alt 2 24.81 25.81 24.81 19.75
000015 00.05 2.170724E-7 Elsinore;T+J+CM 126.12 -04.27 126.22 126.12
000142 00.05 2.0939912E-7 Channel Islands Thrust 68.95 23.14 68.95 67.96
000020 00.05 2.0909843E-7 Elsinore;W+GI+T+J+CM 55.29 01.47 55.45 55.29
000118 00.05 1.9512017E-7 San Jacinto;SJV+A+C 123.77 47.61 123.80 123.77
000082 00.04 1.8012398E-7 S. San Andreas;PK+CH+CC 108.74 -14.22 108.78 108.74
000078 00.04 1.760624E-7 S. San Andreas;NSB+SSB+BG 92.30 -40.05 92.88 92.30
000247 00.04 1.6848438E-7 Raymond 34.03 23.45 34.03 31.88
000113 00.04 1.6363882E-7 San Jacinto;SBV+SJV+A+CC 90.40 60.86 90.45 90.40
000019 00.04 1.5575525E-7 Elsinore;W+GI+T+J 55.18 00.41 55.35 55.18
000016 00.04 1.426111E-7 Elsinore;W 55.10 12.26 55.13 54.48
000026 00.03 1.3427255E-7 Garlock;GW 69.39 69.38 69.45 69.38
000240 00.03 1.2359067E-7 Pleito 66.31 72.00 66.31 63.40
000097 00.03 1.14305585E-7 S. San Andreas;SSB+BG+CO 123.07 -47.18 123.41 123.07
000237 00.03 1.01695036E-7 Pitas Point (Lower)-Montalvo 85.58 13.47 85.58 85.52
000009 00.02 9.6647305E-8 Elsinore;GI+T+J 100.71 -13.83 100.84 100.71
000018 00.02 9.380658E-8 Elsinore;W+GI+T 54.74 -00.22 54.92 54.74

000077 00.02 8.973445E-8 S. San Andreas;NSB+SSB 91.73 -46.59 91.78 91.73
000061 00.02 7.4282376E-8 S. San Andreas;CH+CC 108.31 -13.04 108.35 108.31
000121 00.02 7.117045E-8 San Jacinto;SJV+A+CC+B+SM 124.03 -51.29 124.06 124.03
000008 00.02 6.980092E-8 Elsinore;GI+T 100.69 23.07 100.74 100.69
000117 00.02 6.451801E-8 San Jacinto;SJV+A 124.06 -51.38 124.09 124.06
000239 00.02 6.393369E-8 Pitas Point Connected 55.17 -04.14 55.50 55.16
000262 00.02 6.2966414E-8 Santa Monica, alt 1 24.27 25.04 24.27 19.32
000261 00.02 6.2073056E-8 Santa Cruz Island 72.71 -43.95 72.77 72.71
000148 00.01 5.608762E-8 Coronado Bank 124.05 -16.52 124.09 124.05
000196 00.01 5.5695992E-8 Lenwood-Lockhart-Old Woman Springs 127.14 -126.45 127.18 127.14
000120 00.01 5.370882E-8 San Jacinto;SJV+A+CC+B 123.77 56.34 123.80 123.77
000287 00.01 5.3588032E-8 White Wolf 91.66 91.87 91.66 89.38