



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.16715945)

Mbar = 7.3920617

Dbar = 25.665663

Ebar = 1.4588917

7.25 Mmode < 7.75

0.0 Dmode < 10.0

0.0 < Emode <= 0.5

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 = 3.97; Depth 1.0 km/sec = 660.0; Vs30 Type = Inferred; Vs30 = 387.0

IMT Param List:

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

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

005.00 5.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
005.00 5.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
005.00 6.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
005.00 6.50 00.00 00.00 00.00 00.00 00.00 00.00 01.45 00.02 01.47
005.00 7.00 00.00 00.00 00.00 00.00 00.00 12.05 04.30 00.00 16.35
005.00 7.50 00.00 00.00 00.00 01.14 17.87 00.41 00.02 00.00 19.44
005.00 8.00 00.00 00.00 00.00 00.60 00.00 00.00 00.00 00.00 00.60
005.00 8.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
005.00 9.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
005.00 9.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 5.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 5.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 6.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 6.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 02.15 02.15
015.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 05.59 02.38 07.97
015.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 13.64 00.00 13.64
015.00 8.00 00.00 00.00 00.00 00.00 00.00 04.59 00.00 00.00 04.59
015.00 8.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 9.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
015.00 9.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 5.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 5.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 6.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 6.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.95 00.95
025.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 03.52 03.52
025.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 01.09 00.32 01.41
025.00 8.00 00.00 00.00 00.00 00.00 00.00 00.04 00.75 00.00 00.79
025.00 8.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 9.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
025.00 9.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 5.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 5.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 6.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 6.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.07 00.07
035.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.90 00.90
035.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.03 00.91 00.94
035.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.11 00.00 00.11
035.00 8.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 9.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
035.00 9.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00
045.00 5.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00

085.00	6.50	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	00.01	00.01
085.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.51	00.51
085.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.79	00.79
085.00	8.50	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
085.00	9.50	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
095.00	5.50	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
095.00	6.50	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	00.02	00.02
095.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.16	00.16
095.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.11	00.11
095.00	8.50	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
095.00	9.50	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
105.00	5.50	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
105.00	6.50	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	00.01	00.01
105.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.38	00.38
105.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.05	00.05
105.00	8.50	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
105.00	9.50	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
000232	10.25	4.1119383E-5	Palos Verdes Connected	16.53	16.52	16.80	16.53
000219	09.13	3.6618538E-5	Newport Inglewood Connected alt 2	01.84	-01.81	03.52	01.84
000218	08.74	3.5077715E-5	Newport Inglewood Connected alt 1	02.26	02.24	03.75	02.26
000216	08.68	3.4808836E-5	Newport-Inglewood, alt 2	01.81	01.81	03.50	01.81
000231	08.67	3.4769804E-5	Palos Verdes	16.52	16.52	16.79	16.52
000215	08.35	3.3507764E-5	Newport-Inglewood, alt 1	02.25	02.24	04.52	01.45
000085	04.92	1.972128E-5	S. San Andreas;PK+CH+CC+BB+NM+SM	68.37	68.37	68.43	68.37
000244	03.88	1.5567837E-5	Puente Hills (LA)	06.62	-06.28	08.57	06.28
000242	02.90	1.1621601E-5	Puente Hills	10.87	-09.64	10.87	09.65
000086	02.27	9.121388E-6	S. San Andreas;PK+CH+CC+BB+NM+SM+NSB	68.37	68.37	68.43	68.37
000265	02.10	8.414973E-6	Santa Monica Connected alt 2	18.57	-18.55	21.70	18.55

000016 02.08 8.356901E-6 Elsinore;W 22.26 -13.81 23.28 22.26
000128 02.08 8.337993E-6 S. San Andreas 68.37 -68.37 68.64 68.37
000264 01.75 7.018734E-6 Santa Monica Connected alt 1 19.85 -16.91 22.31 19.85
000158 01.45 5.8040746E-6 Elysian Park (Upper) 15.97 -15.69 15.97 15.69
000064 01.45 5.7996454E-6 S. San Andreas;CH+CC+BB+NM+SM 68.37 68.37 68.43 68.37
000112 01.22 4.904412E-6 San Jacinto;SBV+SJV+A+C 76.78 71.15 76.84 76.78
000094 01.09 4.3601594E-6 S. San Andreas;SM+NSB+SSB+BG+CO 68.37 -68.37 68.81 68.37
000084 00.98 3.91237E-6 S. San Andreas;PK+CH+CC+BB+NM 87.73 50.21 87.78 87.73
000273 00.76 3.062807E-6 Sierra Madre Connected 32.09 -32.09 34.75 32.09
000089 00.75 2.9971675E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 68.37 -
68.37 68.64 68.37
000124 00.67 2.6909388E-6 Elsinore 22.35 -16.92 23.05 22.35
000247 00.64 2.567913E-6 Raymond 21.80 -18.98 22.83 21.80
000245 00.63 2.5379682E-6 Puente Hills (Santa Fe Springs) 13.14 06.26 13.14 12.08
000184 00.62 2.4722492E-6 Hollywood 20.24 -20.24 21.93 20.24
000132 00.59 2.3752307E-6 Anacapa-Dume, alt 2 27.42 -12.26 28.74 27.39
000055 00.58 2.3389E-6 S. San Andreas;CC+BB+NM+SM 68.37 68.37 68.43 68.37
000087 00.58 2.327747E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 68.37 68.37 68.43
68.37
000271 00.52 2.0949847E-6 Sierra Madre 32.09 -32.09 34.64 32.09
000092 00.49 1.9680215E-6 S. San Andreas;SM+NSB+SSB 68.37 68.37 68.43 68.37
000093 00.48 1.9352403E-6 S. San Andreas;SM+NSB+SSB+BG 68.37 -68.37 69.08 68.37
000010 00.47 1.8688186E-6 Elsinore;GI+T+J+CM 64.38 -26.32 64.65 64.38
000020 00.39 1.5571516E-6 Elsinore;W+GI+T+J+CM 22.35 -16.92 23.06 22.35
000018 00.38 1.5217651E-6 Elsinore;W+GI+T 21.96 -17.30 22.69 21.96
000057 00.36 1.4529287E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 68.37 -68.37 68.43 68.37
000091 00.36 1.4299148E-6 S. San Andreas;SM+NSB 68.37 68.37 68.43 68.37
000088 00.34 1.3452308E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 68.37 -68.37
68.66 68.37
000019 00.33 1.3359265E-6 Elsinore;W+GI+T+J 22.27 -17.18 22.97 22.27
000255 00.32 1.2899209E-6 San Gabriel 42.98 -31.99 44.63 42.98
000263 00.32 1.2721173E-6 Santa Monica, alt 2 18.55 -18.55 21.34 18.55
000045 00.29 1.1645253E-6 S. San Andreas;BB+NM+SM 68.37 68.37 68.43 68.37
000075 00.28 1.1260349E-6 S. San Andreas;NM+SM+NSB+SSB+BG+CO 68.37 -68.37 68.76 68.37
000099 00.28 1.1117222E-6 San Jacinto;A+C 107.65 -55.08 107.69 107.65
000066 00.27 1.099061E-6 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 68.37 68.37 68.43
68.37
000056 00.27 1.0799627E-6 S. San Andreas;CC+BB+NM+SM+NSB 68.37 68.37 68.43 68.37
000049 00.25 1.0016387E-6 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 68.37 -68.37 68.71
68.37
000058 00.24 9.539359E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 68.37 -68.37 68.84
68.37

000073 00.24 9.531176E-7 S. San Andreas;NM+SM+NSB+SSB 68.37 68.37 68.43 68.37
000017 00.23 9.0396856E-7 Elsinore;W+GI 22.27 -15.55 23.06 22.27
000079 00.22 8.725621E-7 S. San Andreas;NSB+SSB+BG+CO 79.26 -69.14 79.82 79.26
000283 00.22 8.7066377E-7 Verdugo 24.89 -24.82 27.38 24.89
000243 00.21 8.5891475E-7 Puente Hills (Coyote Hills) 22.06 06.41 22.06 21.54
000131 00.20 7.847684E-7 Anacapa-Dume, alt 1 39.17 -07.70 40.33 39.17
000074 00.19 7.79456E-7 S. San Andreas;NM+SM+NSB+SSB+BG 68.37 -68.37 68.99 68.37
000111 00.19 7.7897926E-7 San Jacinto;SBV+SJV+A 76.78 72.06 76.84 76.78
000071 00.19 7.495207E-7 S. San Andreas;NM+SM 68.37 68.37 68.43 68.37
000223 00.17 6.812158E-7 Northridge 36.46 34.46 36.46 31.20
000025 00.17 6.7156714E-7 Garlock;GE+GC+GW 113.75 -113.75 113.79 113.75
000015 00.16 6.4026034E-7 Elsinore;T+J+CM 87.25 -20.98 87.44 87.25
000130 00.15 6.0835515E-7 San Jacinto (SB to C) 76.78 71.15 76.84 76.78
000110 00.15 6.0668026E-7 San Jacinto;SBV+SJV 76.78 72.71 76.84 76.78
000226 00.15 5.8362855E-7 Oak Ridge (Onshore) 61.25 61.84 61.25 54.54
000047 00.13 5.2593424E-7 S. San Andreas;BB+NM+SM+NSB+SSB 68.37 -68.37 68.43 68.37
000227 00.13 5.167516E-7 Oak Ridge Connected 56.61 56.35 56.61 52.06
000254 00.13 5.0706285E-7 San Cayetano 71.82 -51.71 74.73 71.82
000083 00.13 5.032119E-7 S. San Andreas;PK+CH+CC+BB 112.62 -31.61 112.66 112.62
000262 00.12 4.9144455E-7 Santa Monica, alt 1 19.85 -18.01 21.16 19.85
000008 00.11 4.599874E-7 Elsinore;GI+T 64.25 33.61 64.32 64.25
000090 00.11 4.3999728E-7 S. San Andreas;SM 68.37 68.37 68.43 68.37
000208 00.11 4.398591E-7 Malibu Coast, alt 2 25.47 -08.39 26.19 25.47
000115 00.11 4.2472604E-7 San Jacinto;SBV+SJV+A+CC+B+SM 76.78 71.96 76.84 76.78
000009 00.10 3.9433414E-7 Elsinore;GI+T+J 64.27 -28.42 64.52 64.27
000118 00.10 3.9362712E-7 San Jacinto;SJV+A+C 96.18 63.04 96.23 96.18
000022 00.10 3.92126E-7 Garlock;GC+GW 113.75 -113.75 113.79 113.75
000114 00.09 3.5306786E-7 San Jacinto;SBV+SJV+A+CC+B 76.78 72.54 76.84 76.78
000078 00.08 3.2016422E-7 S. San Andreas;NSB+SSB+BG 79.54 -64.78 80.49 79.54
000072 00.08 3.155345E-7 S. San Andreas;NM+SM+NSB 68.37 68.37 68.43 68.37
000148 00.07 2.9773048E-7 Coronado Bank 79.67 -15.36 79.72 79.67
000059 00.07 2.7128536E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 68.37 -68.37
68.67 68.37
000113 00.07 2.7094632E-7 San Jacinto;SBV+SJV+A+CC 76.78 72.56 76.84 76.78
000267 00.07 2.675031E-7 Santa Susana, alt 1 47.51 -38.58 49.46 47.51
000257 00.06 2.2326086E-7 San Joaquin Hills 41.14 -13.25 42.03 41.09
000097 00.05 2.1198498E-7 S. San Andreas;SSB+BG+CO 100.40 -67.61 100.93 100.40
000077 00.05 1.996179E-7 S. San Andreas;NSB+SSB 79.22 -68.22 79.28 79.22
000207 00.04 1.4788979E-7 Malibu Coast, alt 1 25.47 -08.39 26.17 25.47
000117 00.04 1.4539674E-7 San Jacinto;SJV+A 96.41 -65.38 96.46 96.41
000217 00.04 1.4105217E-7 Newport-Inglewood (Offshore) 50.41 -04.26 50.50 50.41
000121 00.03 1.3580532E-7 San Jacinto;SJV+A+CC+B+SM 96.39 -65.33 96.43 96.39

000270 00.03 1.3449615E-7 Santa Ynez Connected 89.31 72.73 89.31 87.69
000109 00.03 1.3244644E-7 San Jacinto;SBV 76.78 73.05 76.84 76.78
000248 00.03 1.2059989E-7 Red Mountain 104.98 -38.73 105.96 104.98
000007 00.03 1.1095931E-7 Elsinore;GI 64.25 26.03 64.32 64.25
000272 00.03 1.05593E-7 Sierra Madre (San Fernando) 38.41 -37.34 41.98 38.41
000120 00.03 1.05297474E-7 San Jacinto;SJV+A+CC+B 96.18 68.40 96.23 96.18
000096 00.03 1.008237E-7 S. San Andreas;SSB+BG 100.07 -56.60 100.96 100.07
000014 00.02 8.770842E-8 Elsinore;T+J 87.14 -24.31 87.33 87.14
000258 00.02 8.535194E-8 San Jose 38.06 07.12 38.15 37.76
000125 00.02 7.400022E-8 Garlock 113.75 -113.75 113.79 113.75
000142 00.02 7.198387E-8 Channel Islands Thrust 91.85 -15.12 91.85 91.71
000119 00.02 7.0885285E-8 San Jacinto;SJV+A+CC 96.18 68.36 96.23 96.18