



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.14792156)

Mbar = 7.3935485

Dbar = 24.345074

Ebar = 1.2390294

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: 0.25Std Dev Type = TotalTectonic Region = Active

Shallow CrustGaussian Truncation = NoneComponent = RotD50Truncation Level = 2.0

Site Param List:

Depth 2.5 km/sec = 3.16; Depth 1.0 km/sec = 580.0; 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 01.88 00.01 01.89
005.00 7.00 00.00 00.00 00.00 00.00 07.87 09.38 00.50 00.00 17.76
005.00 7.50 00.00 00.00 00.00 07.05 16.19 00.16 00.00 00.00 23.40
005.00 8.00 00.00 00.00 00.00 00.65 00.00 00.00 00.00 00.00 00.65
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 00.68 00.68
015.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 06.80 03.10 09.90
015.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 12.50 00.00 12.50
015.00 8.00 00.00 00.00 00.00 00.00 00.00 05.01 00.00 00.00 05.01
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 00.16 00.16
025.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.01 01.72 01.72
025.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.68 00.34 01.02
025.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.85 00.00 00.85
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 00.09 00.09
035.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.12 00.12
035.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.12 00.08 00.21
035.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.12 00.00 00.12
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	00.06	00.06
085.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	01.44	01.44
085.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.45	00.45
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	00.05	00.05
095.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.01	00.01
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	00.02	00.02
105.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.05	00.05
105.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
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	12.22	4.901479E-5	Palos Verdes Connected	16.23	16.22	16.50	16.23
000219	12.08	4.8444752E-5	Newport Inglewood Connected alt 2	01.09	-01.00	03.19	01.09
000218	11.87	4.760215E-5	Newport Inglewood Connected alt 1	01.29	01.28	03.27	01.29
000231	10.29	4.127178E-5	Palos Verdes	16.23	16.22	16.50	16.23
000216	10.20	4.0912433E-5	Newport-Inglewood, alt 2	01.01	01.00	03.16	01.01
000215	09.96	3.9965562E-5	Newport-Inglewood, alt 1	01.30	01.28	04.16	00.50
000257	03.80	1.525516E-5	San Joaquin Hills	10.89	01.06	11.12	10.60
000085	03.79	1.5203651E-5	S. San Andreas;PK+CH+CC+BB+NM+SM	79.81	79.81	79.86	79.81
000086	01.77	7.108098E-6	S. San Andreas;PK+CH+CC+BB+NM+SM+NSB	79.81	79.81	79.86	79.81
000128	01.59	6.3664525E-6	S. San Andreas	79.81	-79.81	80.07	79.81
000217	01.56	6.252571E-6	Newport-Inglewood (Offshore)	18.78	-02.04	19.01	18.78

000010 01.41 5.6669455E-6 Elsinore;GI+T+J+CM 43.85 -33.60 44.29 43.85
000112 01.40 5.6106887E-6 San Jacinto;SBV+SJV+A+C 77.31 77.17 77.37 77.31
000016 01.12 4.5079055E-6 Elsinore;W 27.92 -27.91 29.21 27.92
000064 01.11 4.462269E-6 S. San Andreas;CH+CC+BB+NM+SM 79.81 79.81 79.86 79.81
000124 01.08 4.3210566E-6 Elsinore 27.91 -27.91 28.61 27.91
000094 00.83 3.3268627E-6 S. San Andreas;SM+NSB+SSB+BG+CO 79.81 -79.81 80.23 79.81
000099 00.71 2.8529678E-6 San Jacinto;A+C 88.52 -63.03 88.57 88.52
000089 00.60 2.4114904E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 79.81 -
79.81 80.07 79.81
000015 00.55 2.2230731E-6 Elsinore;T+J+CM 61.24 -28.67 61.55 61.24
000008 00.54 2.1598305E-6 Elsinore;GI+T 43.75 36.80 43.85 43.75
000084 00.48 1.931757E-6 S. San Andreas;PK+CH+CC+BB+NM 116.54 53.84 116.58 116.54
000087 00.46 1.8308858E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 79.81 79.81
79.86 79.81
000148 00.45 1.8209579E-6 Coronado Bank 50.41 -18.84 50.50 50.41
000055 00.44 1.7655894E-6 S. San Andreas;CC+BB+NM+SM 79.81 79.81 79.86 79.81
000242 00.43 1.709384E-6 Puente Hills 24.00 -23.47 24.00 23.47
000093 00.36 1.4474467E-6 S. San Andreas;SM+NSB+SSB+BG 79.81 -79.81 80.50 79.81
000092 00.35 1.4233958E-6 S. San Andreas;SM+NSB+SSB 79.81 79.81 79.86 79.81
000243 00.35 1.41092E-6 Puente Hills (Coyote Hills) 18.65 -18.44 19.56 18.44
000009 00.32 1.2940558E-6 Elsinore;GI+T+J 43.77 -34.56 44.16 43.77
000020 00.29 1.1662727E-6 Elsinore;W+GI+T+J+CM 27.91 -27.91 28.62 27.91
000057 00.28 1.1235986E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 79.81 -79.81 79.86 79.81
000088 00.27 1.0722459E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 79.81 -79.81
80.09 79.81
000091 00.25 1.0032063E-6 S. San Andreas;SM+NSB 79.81 79.81 79.86 79.81
000079 00.25 9.947396E-7 S. San Andreas;NSB+SSB+BG+CO 80.48 -79.77 81.09 80.48
000018 00.24 9.783918E-7 Elsinore;W+GI+T 27.92 -27.91 28.62 27.92
000019 00.24 9.73685E-7 Elsinore;W+GI+T+J 27.92 -27.91 28.61 27.92
000130 00.23 9.40141E-7 San Jacinto (SB to C) 77.31 77.17 77.37 77.31
000111 00.23 9.056587E-7 San Jacinto;SBV+SJV+A 77.31 77.15 77.37 77.31
000075 00.22 8.6944016E-7 S. San Andreas;NM+SM+NSB+SSB+BG+CO 79.81 -79.81 80.19 79.81
000066 00.22 8.6303453E-7 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 79.81 79.81 79.86
79.81
000045 00.21 8.5431435E-7 S. San Andreas;BB+NM+SM 79.81 79.81 79.86 79.81
000273 00.21 8.502219E-7 Sierra Madre Connected 48.78 -48.78 51.39 48.78
000056 00.21 8.259809E-7 S. San Andreas;CC+BB+NM+SM+NSB 79.81 79.81 79.86 79.81
000007 00.20 8.165473E-7 Elsinore;GI 43.75 33.46 43.85 43.75
000118 00.20 8.112944E-7 San Jacinto;SJV+A+C 81.56 69.79 81.62 81.56
000049 00.20 7.8539586E-7 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 79.81 -79.81 80.14
79.81
000058 00.19 7.494728E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 79.81 -79.81 80.26

79.81

000110 00.18 7.3045095E-7 San Jacinto;SBV+SJV 77.31 77.13 77.37 77.31
000073 00.18 7.0619285E-7 S. San Andreas;NM+SM+NSB+SSB 79.81 79.81 79.86 79.81
000265 00.15 6.1382264E-7 Santa Monica Connected alt 2 48.55 -46.27 51.47 48.55
000074 00.15 5.9226073E-7 S. San Andreas;NM+SM+NSB+SSB+BG 79.81 -79.81 80.41 79.81
000271 00.13 5.3945814E-7 Sierra Madre 48.78 -48.78 51.28 48.78
000017 00.13 5.393081E-7 Elsinore;W+GI 27.92 -27.91 28.78 27.92
000071 00.13 5.298166E-7 S. San Andreas;NM+SM 79.81 79.81 79.86 79.81
000244 00.13 5.0848416E-7 Puente Hills (LA) 28.71 -22.48 30.26 28.63
000115 00.12 4.811101E-7 San Jacinto;SBV+SJV+A+CC+B+SM 77.31 77.15 77.37 77.31
000264 00.12 4.7945815E-7 Santa Monica Connected alt 1 51.47 -43.06 53.76 51.47
000114 00.10 4.0193322E-7 San Jacinto;SBV+SJV+A+CC+B 77.31 77.14 77.37 77.31
000047 00.10 3.9863457E-7 S. San Andreas;BB+NM+SM+NSB+SSB 79.81 -79.81 79.86 79.81
000025 00.10 3.960658E-7 Garlock;GE+GC+GW 144.47 -144.47 144.50 144.47
000097 00.10 3.906938E-7 S. San Andreas;SSB+BG+CO 89.97 -78.05 90.63 89.97
000245 00.10 3.8190768E-7 Puente Hills (Santa Fe Springs) 22.12 -21.93 23.05 21.94
000078 00.09 3.7457855E-7 S. San Andreas;NSB+SSB+BG 80.54 -78.47 81.63 80.54
000014 00.08 3.3618042E-7 Elsinore;T+J 61.14 -30.76 61.43 61.14
000117 00.08 3.2906132E-7 San Jacinto;SJV+A 81.71 -71.09 81.76 81.71
000113 00.08 3.1073213E-7 San Jacinto;SBV+SJV+A+CC 77.31 77.14 77.37 77.31
000090 00.07 2.972357E-7 S. San Andreas;SM 79.81 79.81 79.86 79.81
000083 00.07 2.8017138E-7 S. San Andreas;PK+CH+CC+BB 143.69 -34.00 143.72 143.69
000121 00.07 2.6584874E-7 San Jacinto;SJV+A+CC+B+SM 81.69 -71.06 81.75 81.69
000255 00.06 2.5564432E-7 San Gabriel 69.87 -35.43 71.03 69.87
000077 00.06 2.3661356E-7 S. San Andreas;NSB+SSB 80.47 -79.57 80.53 80.47
000072 00.06 2.2823664E-7 S. San Andreas;NM+SM+NSB 79.81 79.81 79.86 79.81
000022 00.06 2.2388502E-7 Garlock;GC+GW 144.45 -144.45 144.48 144.45
000059 00.05 2.1585765E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 79.81 -79.81
80.10 79.81
000144 00.05 2.1349278E-7 Chino, alt 2 37.72 41.61 37.72 34.01
000120 00.05 2.1046358E-7 San Jacinto;SJV+A+CC+B 81.56 72.70 81.62 81.56
000096 00.05 2.0142129E-7 S. San Andreas;SSB+BG 89.74 -71.17 90.92 89.74
000132 00.05 2.0065421E-7 Anacapa-Dume, alt 2 57.48 -37.62 59.13 57.47
000109 00.04 1.6307014E-7 San Jacinto;SBV 77.31 77.13 77.37 77.31
000143 00.04 1.5198948E-7 Chino, alt 1 33.79 41.37 33.79 31.78
000158 00.04 1.4896791E-7 Elysian Park (Upper) 38.85 -35.28 38.85 38.73
000119 00.04 1.4739376E-7 San Jacinto;SJV+A+CC 81.56 72.68 81.62 81.56
000254 00.03 1.3994514E-7 San Cayetano 103.42 -73.09 106.24 103.42
000227 00.03 1.3024876E-7 Oak Ridge Connected 86.55 82.19 86.55 83.65
000226 00.03 1.2968233E-7 Oak Ridge (Onshore) 90.68 90.50 90.68 86.19
000013 00.03 1.2807612E-7 Elsinore;T 60.75 -36.05 60.82 60.75
000131 00.03 1.2352889E-7 Anacapa-Dume, alt 1 66.76 -32.19 68.76 66.76

000102 00.03 1.1804242E-7 San Jacinto;A+CC+B+SM 88.59 67.14 88.64 88.59
000051 00.03 1.16037135E-7 S. San Andreas;BG+CO 117.90 -79.22 118.59 117.90
000247 00.03 1.1504166E-7 Raymond 44.96 -44.96 45.89 44.96
000116 00.03 1.0241914E-7 San Jacinto;SJV 81.56 72.64 81.62 81.56
000149 00.02 9.874222E-8 Cucamonga 53.65 -35.16 56.28 53.65
000258 00.02 9.209223E-8 San Jose 38.34 -23.74 39.26 38.34
000101 00.02 8.2777184E-8 San Jacinto;A+CC+B 88.59 68.89 88.64 88.59
000012 00.02 7.5563996E-8 Elsinore;J+CM 104.52 -11.44 104.67 104.52
000283 00.02 6.651766E-8 Verdugo 46.78 -32.75 48.60 46.78
000248 00.02 6.3353944E-8 Red Mountain 134.86 -60.68 135.99 134.86
000184 00.01 5.9537083E-8 Hollywood 47.53 -46.72 49.03 47.53
000270 00.01 5.0543715E-8 Santa Ynez Connected 120.52 96.21 120.52 119.32