



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.10101431)

Mbar = 7.534837

Dbar = 36.875607

Ebar = 1.7393802

7.75 Mmode < 8.25

60.0 Dmode < 70.0

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 = 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 = 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

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 00.51 00.16 00.67
005.00 7.00 00.00 00.00 00.00 00.00 00.00 05.75 04.50 00.02 10.27
005.00 7.50 00.00 00.00 00.00 00.00 09.66 05.65 00.14 00.00 15.45
005.00 8.00 00.00 00.00 00.00 00.00 00.53 00.00 00.00 00.00 00.53
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 00.97 00.97
015.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 02.90 02.52 05.42
015.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 12.05 00.43 12.47
015.00 8.00 00.00 00.00 00.00 00.00 00.00 02.06 02.64 00.00 04.70
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 00.46 00.46
025.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 02.55 02.55
025.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.75 00.63 01.39
025.00 8.00 00.00 00.00 00.00 00.00 00.00 00.05 00.84 00.00 00.89
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 00.04 00.04
035.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.77 00.77
035.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.04 00.97 01.00
035.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.13 00.00 00.13
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	00.02	00.02
085.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.89	00.89
085.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	01.48	01.48
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	00.28	00.28
095.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.21	00.21
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	00.73	00.73
105.00	8.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.09	00.09
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	10.15	4.063232E-5	Palos Verdes Connected	16.53	16.52	16.80	16.53
000085	08.38	3.355611E-5	S. San Andreas;PK+CH+CC+BB+NM+SM	68.37	68.37	68.43	68.37
000219	07.19	2.8811928E-5	Newport Inglewood Connected alt 2	01.84	-01.81	03.52	01.84
000231	07.08	2.8356826E-5	Palos Verdes	16.52	16.52	16.79	16.52
000218	06.91	2.7670902E-5	Newport Inglewood Connected alt 1	02.26	02.24	03.75	02.26
000216	05.70	2.2815077E-5	Newport-Inglewood, alt 2	01.81	01.81	03.50	01.81
000215	05.48	2.192607E-5	Newport-Inglewood, alt 1	02.25	02.24	04.52	01.45
000086	03.90	1.5634874E-5	S. San Andreas;PK+CH+CC+BB+NM+SM+NSB	68.37	68.37	68.43	68.37
000128	03.53	1.414105E-5	S. San Andreas	68.37	-68.37	68.64	68.37
000064	02.46	9.868602E-6	S. San Andreas;CH+CC+BB+NM+SM	68.37	68.37	68.43	68.37
000244	02.20	8.826033E-6	Puente Hills (LA)	06.62	-06.28	08.57	06.28

000112 02.16 8.642921E-6 San Jacinto;SBV+SJV+A+C 76.78 71.15 76.84 76.78
000094 01.84 7.3506358E-6 S. San Andreas;SM+NSB+SSB+BG+CO 68.37 -68.37 68.81 68.37
000242 01.83 7.3190117E-6 Puente Hills 10.87 -09.64 10.87 09.65
000265 01.82 7.2745547E-6 Santa Monica Connected alt 2 18.57 -18.55 21.70 18.55
000084 01.80 7.219741E-6 S. San Andreas;PK+CH+CC+BB+NM 87.73 50.21 87.78 87.73
000016 01.56 6.261907E-6 Elsinore;W 22.26 -13.81 23.28 22.26
000264 01.55 6.2001045E-6 Santa Monica Connected alt 1 19.85 -16.91 22.31 19.85
000089 01.29 5.1791285E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 68.37 -
68.37 68.64 68.37
000087 01.00 4.010153E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 68.37 68.37 68.43
68.37
000055 00.98 3.9101365E-6 S. San Andreas;CC+BB+NM+SM 68.37 68.37 68.43 68.37
000124 00.81 3.247074E-6 Elsinore 22.35 -16.92 23.05 22.35
000093 00.80 3.1944387E-6 S. San Andreas;SM+NSB+SSB+BG 68.37 -68.37 69.08 68.37
000092 00.77 3.101044E-6 S. San Andreas;SM+NSB+SSB 68.37 68.37 68.43 68.37
000273 00.75 3.0191534E-6 Sierra Madre Connected 32.09 -32.09 34.75 32.09
000010 00.75 3.0145573E-6 Elsinore;GI+T+J+CM 64.38 -26.32 64.65 64.38
000158 00.71 2.8371321E-6 Elysian Park (Upper) 15.97 -15.69 15.97 15.69
000057 00.62 2.4827561E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 68.37 -68.37 68.43 68.37
000088 00.58 2.3252876E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 68.37 -68.37
68.66 68.37
000099 00.54 2.179787E-6 San Jacinto;A+C 107.65 -55.08 107.69 107.65
000091 00.54 2.1464273E-6 S. San Andreas;SM+NSB 68.37 68.37 68.43 68.37
000132 00.52 2.0947077E-6 Anacapa-Dume, alt 2 27.42 -12.26 28.74 27.39
000271 00.49 1.9528293E-6 Sierra Madre 32.09 -32.09 34.64 32.09
000075 00.48 1.918262E-6 S. San Andreas;NM+SM+NSB+SSB+BG+CO 68.37 -68.37 68.76 68.37
000066 00.47 1.8945376E-6 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 68.37 68.37 68.43
68.37
000045 00.47 1.8753188E-6 S. San Andreas;BB+NM+SM 68.37 68.37 68.43 68.37
000056 00.46 1.8278618E-6 S. San Andreas;CC+BB+NM+SM+NSB 68.37 68.37 68.43 68.37
000020 00.43 1.7309902E-6 Elsinore;W+GI+T+J+CM 22.35 -16.92 23.06 22.35
000049 00.43 1.7237152E-6 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 68.37 -68.37 68.71
68.37
000058 00.41 1.6446969E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 68.37 -68.37 68.84
68.37
000073 00.39 1.5546126E-6 S. San Andreas;NM+SM+NSB+SSB 68.37 68.37 68.43 68.37
000018 00.38 1.5264492E-6 Elsinore;W+GI+T 21.96 -17.30 22.69 21.96
000079 00.37 1.4975559E-6 S. San Andreas;NSB+SSB+BG+CO 79.26 -69.14 79.82 79.26
000019 00.37 1.4653452E-6 Elsinore;W+GI+T+J 22.27 -17.18 22.97 22.27
000247 00.36 1.440277E-6 Raymond 21.80 -18.98 22.83 21.80
000255 00.36 1.4385963E-6 San Gabriel 42.98 -31.99 44.63 42.98
000025 00.35 1.4121024E-6 Garlock;GE+GC+GW 113.75 -113.75 113.79 113.75

000111 00.33 1.3277809E-6 San Jacinto;SBV+SJV+A 76.78 72.06 76.84 76.78
000074 00.33 1.3109275E-6 S. San Andreas;NM+SM+NSB+SSB+BG 68.37 -68.37 68.99 68.37
000184 00.32 1.2883627E-6 Hollywood 20.24 -20.24 21.93 20.24
000015 00.29 1.1647138E-6 Elsinore;T+J+CM 87.25 -20.98 87.44 87.25
000245 00.29 1.1557838E-6 Puente Hills (Santa Fe Springs) 13.14 06.26 13.14 12.08
000071 00.28 1.1401278E-6 S. San Andreas;NM+SM 68.37 68.37 68.43 68.37
000130 00.26 1.0425703E-6 San Jacinto (SB to C) 76.78 71.15 76.84 76.78
000083 00.26 1.0318068E-6 S. San Andreas;PK+CH+CC+BB 112.62 -31.61 112.66 112.62
000110 00.23 9.2840423E-7 San Jacinto;SBV+SJV 76.78 72.71 76.84 76.78
000047 00.22 8.824958E-7 S. San Andreas;BB+NM+SM+NSB+SSB 68.37 -68.37 68.43 68.37
000131 00.20 8.1648074E-7 Anacapa-Dume, alt 1 39.17 -07.70 40.33 39.17
000022 00.20 8.085273E-7 Garlock;GC+GW 113.75 -113.75 113.79 113.75
000017 00.20 7.9745706E-7 Elsinore;W+GI 22.27 -15.55 23.06 22.27
000115 00.19 7.595361E-7 San Jacinto;SBV+SJV+A+CC+B+SM 76.78 71.96 76.84 76.78
000118 00.19 7.523037E-7 San Jacinto;SJV+A+C 96.18 63.04 96.23 96.18
000254 00.19 7.4612245E-7 San Cayetano 71.82 -51.71 74.73 71.82
000226 00.18 7.326991E-7 Oak Ridge (Onshore) 61.25 61.84 61.25 54.54
000227 00.18 7.0454325E-7 Oak Ridge Connected 56.61 56.35 56.61 52.06
000263 00.17 7.006609E-7 Santa Monica, alt 2 18.55 -18.55 21.34 18.55
000114 00.16 6.26838E-7 San Jacinto;SBV+SJV+A+CC+B 76.78 72.54 76.84 76.78
000008 00.16 6.222948E-7 Elsinore;GI+T 64.25 33.61 64.32 64.25
000009 00.16 6.2090686E-7 Elsinore;GI+T+J 64.27 -28.42 64.52 64.27
000090 00.15 6.190401E-7 S. San Andreas;SM 68.37 68.37 68.43 68.37
000283 00.14 5.621245E-7 Verdugo 24.89 -24.82 27.38 24.89
000078 00.13 5.255401E-7 S. San Andreas;NSB+SSB+BG 79.54 -64.78 80.49 79.54
000243 00.13 5.04648E-7 Puente Hills (Coyote Hills) 22.06 06.41 22.06 21.54
000072 00.12 4.9727254E-7 S. San Andreas;NM+SM+NSB 68.37 68.37 68.43 68.37
000113 00.12 4.7544353E-7 San Jacinto;SBV+SJV+A+CC 76.78 72.56 76.84 76.78
000059 00.12 4.6898643E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 68.37 -68.37
68.67 68.37
000148 00.12 4.6760593E-7 Coronado Bank 79.67 -15.36 79.72 79.67
000223 00.12 4.6114124E-7 Northridge 36.46 34.46 36.46 31.20
000097 00.10 3.990267E-7 S. San Andreas;SSB+BG+CO 100.40 -67.61 100.93 100.40
000208 00.08 3.1608954E-7 Malibu Coast, alt 2 25.47 -08.39 26.19 25.47
000077 00.07 2.849086E-7 S. San Andreas;NSB+SSB 79.22 -68.22 79.28 79.22
000117 00.07 2.6558135E-7 San Jacinto;SJV+A 96.41 -65.38 96.46 96.41
000121 00.07 2.6516943E-7 San Jacinto;SJV+A+CC+B+SM 96.39 -65.33 96.43 96.39
000248 00.06 2.5000196E-7 Red Mountain 104.98 -38.73 105.96 104.98
000262 00.06 2.3037235E-7 Santa Monica, alt 1 19.85 -18.01 21.16 19.85
000267 00.06 2.2767878E-7 Santa Susana, alt 1 47.51 -38.58 49.46 47.51
000270 00.06 2.2202103E-7 Santa Ynez Connected 89.31 72.73 89.31 87.69
000257 00.05 2.0503913E-7 San Joaquin Hills 41.14 -13.25 42.03 41.09

000120 00.05 2.0336249E-7 San Jacinto;SJV+A+CC+B 96.18 68.40 96.23 96.18
000096 00.04 1.784817E-7 S. San Andreas;SSB+BG 100.07 -56.60 100.96 100.07
000109 00.04 1.6632376E-7 San Jacinto;SBV 76.78 73.05 76.84 76.78
000014 00.04 1.5483546E-7 Elsinore;T+J 87.14 -24.31 87.33 87.14
000125 00.04 1.5185438E-7 Garlock 113.75 -113.75 113.79 113.75
000119 00.03 1.3482952E-7 San Jacinto;SJV+A+CC 96.18 68.36 96.23 96.18
000217 00.03 1.2619986E-7 Newport-Inglewood (Offshore) 50.41 -04.26 50.50 50.41
000142 00.03 1.1615914E-7 Channel Islands Thrust 91.85 -15.12 91.85 91.71
000051 00.03 1.0361816E-7 S. San Andreas;BG+CO 136.15 -69.43 136.70 136.15
000082 00.03 1.031936E-7 S. San Andreas;PK+CH+CC 152.88 -10.66 152.91 152.88
000007 00.03 1.0313126E-7 Elsinore;GI 64.25 26.03 64.32 64.25
000102 00.03 1.00679536E-7 San Jacinto;A+CC+B+SM 107.75 61.40 107.80 107.75