



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.114691354)

Mbar = 7.745535

Dbar = 20.458027

Ebar = 1.9859666

7.75 Mmode < 8.25

10.0 Dmode < 20.0

1.0 < Emode <= 2.0

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 = 0.43; Depth 1.0 km/sec = 190.0; Vs30 Type = Inferred; Vs30 = 354.0

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 |
| 085.00 | 7.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 |
| 085.00 | 7.50 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.02 | 00.02 |
| 085.00 | 8.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 |
| 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 | 00.00 | 00.00 |
| 095.00 | 7.50 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.02 | 00.02 |
| 095.00 | 8.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 |
| 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 | 00.00 | 00.00 |
| 105.00 | 7.50 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.01 | 00.01 |
| 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 |
|---------|----------------|---------------|--------------------------------------|---------|--------|----------|--------|
| 000085 | 13.55 | 5.4658765E-5 | S. San Andreas;PK+CH+CC+BB+NM+SM | 23.87 | 18.03 | 24.05 | 23.87 |
| 000112 | 11.52 | 4.6495068E-5 | San Jacinto;SBV+SJV+A+C | 14.69 | 14.69 | 15.00 | 14.69 |
| 000086 | 08.03 | 3.2412878E-5 | S. San Andreas;PK+CH+CC+BB+NM+SM+NSB | 19.76 | 19.76 | 19.99 | 19.76 |
| 000128 | 07.34 | 2.9605751E-5 | S. San Andreas | 19.76 | -19.76 | 20.21 | 19.76 |
| 000094 | 04.32 | 1.7433362E-5 | S. San Andreas;SM+NSB+SSB+BG+CO | 19.76 | -19.76 | 20.36 | 19.76 |
| 000064 | 04.08 | 1.6476273E-5 | S. San Andreas;CH+CC+BB+NM+SM | 23.65 | 18.62 | 23.84 | 23.65 |
| 000110 | 03.41 | 1.376443E-5 | San Jacinto;SBV+SJV | 14.69 | 14.69 | 15.00 | 14.69 |
| 000149 | 02.88 | 1.1622164E-5 | Cucamonga | 07.41 | -07.39 | 11.34 | 07.41 |
| 000092 | 02.66 | 1.0730874E-5 | S. San Andreas;SM+NSB+SSB | 19.76 | 19.76 | 19.99 | 19.76 |
| 000130 | 02.45 | 9.900092E-6 | San Jacinto (SB to C) | 14.69 | 14.69 | 15.00 | 14.69 |
| 000111 | 02.34 | 9.456302E-6 | San Jacinto;SBV+SJV+A | 14.69 | 14.69 | 15.00 | 14.69 |

000091 02.30 9.301123E-6 S. San Andreas;SM+NSB 19.76 19.76 19.99 19.76
000089 02.22 8.944252E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 19.76 -
19.76 20.21 19.76
000093 02.15 8.689923E-6 S. San Andreas;SM+NSB+SSB+BG 19.76 -19.76 20.73 19.76
000087 01.95 7.852395E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 19.76 19.76 19.99
19.76
000055 01.75 7.074091E-6 S. San Andreas;CC+BB+NM+SM 23.89 19.75 24.08 23.89
000079 01.74 7.038593E-6 S. San Andreas;NSB+SSB+BG+CO 19.76 -19.76 20.55 19.76
000109 01.48 5.97843E-6 San Jacinto;SBV 14.69 14.69 15.00 14.69
000057 01.33 5.3838967E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 19.76 -19.76 19.99 19.76
000073 01.12 4.518243E-6 S. San Andreas;NM+SM+NSB+SSB 19.77 19.76 19.99 19.77
000056 01.06 4.265171E-6 S. San Andreas;CC+BB+NM+SM+NSB 19.76 19.76 19.99 19.76
000088 01.05 4.221417E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 19.76 -19.76
20.22 19.76
000075 01.04 4.209862E-6 S. San Andreas;NM+SM+NSB+SSB+BG+CO 19.76 -19.76 20.32 19.76
000099 01.04 4.2056026E-6 San Jacinto;A+C 45.92 -02.03 46.01 45.92
000045 00.99 3.9960505E-6 S. San Andreas;BB+NM+SM 23.88 20.92 24.07 23.88
000066 00.93 3.7421294E-6 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 19.76 19.76 19.99
19.76
000077 00.88 3.5332341E-6 S. San Andreas;NSB+SSB 19.76 -19.76 19.99 19.76
000115 00.86 3.452707E-6 San Jacinto;SBV+SJV+A+CC+B+SM 14.69 14.69 15.00 14.69
000049 00.85 3.436959E-6 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 19.76 -19.76 20.27
19.76
000078 00.83 3.3659524E-6 S. San Andreas;NSB+SSB+BG 19.76 -19.76 21.11 19.76
000058 00.80 3.2378439E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 19.76 -19.76 20.50
19.76
000074 00.79 3.1943212E-6 S. San Andreas;NM+SM+NSB+SSB+BG 19.76 -19.76 20.65 19.76
000114 00.77 3.0994984E-6 San Jacinto;SBV+SJV+A+CC+B 14.69 14.69 15.00 14.69
000010 00.76 3.0826995E-6 Elsinore;GI+T+J+CM 30.80 27.68 30.86 29.14
000071 00.74 2.9966486E-6 S. San Andreas;NM+SM 24.01 20.63 24.20 24.01
000113 00.66 2.6612763E-6 San Jacinto;SBV+SJV+A+CC 14.69 14.69 15.00 14.69
000118 00.64 2.5878248E-6 San Jacinto;SJV+A+C 29.27 08.29 29.42 29.27
000090 00.56 2.2398033E-6 S. San Andreas;SM 23.59 20.28 23.78 23.59
000047 00.54 2.185395E-6 S. San Andreas;BB+NM+SM+NSB+SSB 19.76 -19.76 19.99 19.76
000273 00.51 2.0619257E-6 Sierra Madre Connected 18.69 04.07 18.79 18.52
000097 00.45 1.8123487E-6 S. San Andreas;SSB+BG+CO 29.89 -18.49 30.51 29.89
000072 00.43 1.7188532E-6 S. San Andreas;NM+SM+NSB 19.77 19.76 19.99 19.77
000271 00.36 1.4559664E-6 Sierra Madre 18.65 04.73 18.73 18.40
000096 00.30 1.226423E-6 S. San Andreas;SSB+BG 29.55 -15.05 30.56 29.55
000117 00.30 1.2059044E-6 San Jacinto;SJV+A 29.57 -09.21 29.72 29.57
000124 00.29 1.1560994E-6 Elsinore 29.28 29.43 29.29 26.55
000008 00.22 8.8390016E-7 Elsinore;GI+T 30.84 -25.64 30.98 30.84

000059 00.21 8.592906E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 19.76 -19.76
20.23 19.76
000015 00.20 8.223436E-7 Elsinore;T+J+CM 50.44 32.45 50.46 49.22
000121 00.19 7.632343E-7 San Jacinto;SJV+A+CC+B+SM 29.53 -09.19 29.69 29.53
000009 00.16 6.6402083E-7 Elsinore;GI+T+J 30.80 27.16 30.88 29.39
000084 00.16 6.3966706E-7 S. San Andreas;PK+CH+CC+BB+NM 110.64 -09.38 110.68 110.64
000120 00.16 6.3588885E-7 San Jacinto;SJV+A+CC+B 29.27 10.46 29.42 29.27
000116 00.16 6.2980814E-7 San Jacinto;SJV 29.27 10.40 29.42 29.27
000119 00.12 4.7647367E-7 San Jacinto;SJV+A+CC 29.27 10.44 29.42 29.27
000016 00.11 4.376502E-7 Elsinore;W 28.43 29.42 28.43 23.24
000076 00.09 3.7284536E-7 S. San Andreas;NSB 19.76 19.76 19.99 19.76
000232 00.09 3.565337E-7 Palos Verdes Connected 77.12 77.12 77.18 77.12
000222 00.08 3.425023E-7 North Frontal (West) 31.77 18.28 31.77 28.10
000020 00.08 3.1839645E-7 Elsinore;W+GI+T+J+CM 29.26 29.43 29.27 26.63
000146 00.08 3.1498266E-7 Cleghorn 24.02 23.65 24.20 24.02
000258 00.06 2.4452132E-7 San Jose 14.12 -06.50 15.20 14.12
000019 00.06 2.4332604E-7 Elsinore;W+GI+T+J 29.27 29.42 29.29 26.66
000007 00.06 2.3312403E-7 Elsinore;GI 30.84 -27.76 30.98 30.84
000018 00.04 1.6521051E-7 Elsinore;W+GI+T 29.26 29.43 29.27 27.01
000102 00.04 1.632603E-7 San Jacinto;A+CC+B+SM 46.05 05.27 46.15 46.05
000025 00.04 1.6220078E-7 Garlock;GE+GC+GW 130.13 -130.13 130.16 130.13
000051 00.04 1.5234866E-7 S. San Andreas;BG+CO 70.07 -19.22 70.45 70.07
000101 00.03 1.1775655E-7 San Jacinto;A+CC+B 46.05 06.73 46.15 46.05
000014 00.03 1.1649604E-7 Elsinore;T+J 50.38 30.86 50.42 49.36
000242 00.03 1.1291679E-7 Puente Hills 27.38 30.00 27.38 22.10
000144 00.03 1.0161386E-7 Chino, alt 2 20.63 -20.29 22.59 20.63
000022 00.02 8.895923E-8 Garlock;GC+GW 130.14 -130.14 130.17 130.14
000154 00.02 8.613423E-8 Death Valley Connected 194.71 175.96 194.71 193.13
000083 00.02 7.626485E-8 S. San Andreas;PK+CH+CC+BB 146.72 29.47 146.75 146.72
000100 00.02 7.293465E-8 San Jacinto;A+CC 46.05 06.53 46.15 46.05
000219 00.02 6.569372E-8 Newport Inglewood Connected alt 2 63.44 -63.44 63.52 63.44
000017 00.02 6.531513E-8 Elsinore;W+GI 29.10 29.42 29.10 26.02
000218 00.02 6.50802E-8 Newport Inglewood Connected alt 1 63.56 63.56 63.63 63.56
000234 00.02 6.432613E-8 Pinto Mtn 75.43 -14.93 75.49 75.43
000196 00.01 5.6110004E-8 Lenwood-Lockhart-Old Woman Springs 86.58 -86.58 86.64 86.58
000182 00.01 5.2758125E-8 Helendale-So Lockhart 65.08 -65.08 65.15 65.08
000068 00.01 5.117528E-8 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB+BG+CO 19.76 -19.76
20.20 19.76
000231 00.01 5.023092E-8 Palos Verdes 77.05 77.05 77.11 77.05
000067 00.01 4.488145E-8 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB+BG 19.76 -19.76 20.46
19.76
000143 00.01 4.3394415E-8 Chino, alt 1 20.69 -20.32 23.43 20.69

000265 00.01 3.8395566E-8 Santa Monica Connected alt 2 68.75 -12.01 69.52 68.75
000255 00.01 3.829968E-8 San Gabriel 71.35 27.88 71.35 69.07
000148 00.01 3.5876976E-8 Coronado Bank 98.02 -80.86 98.06 98.02
000139 00.01 3.4143778E-8 Calico-Hidalgo 112.26 -112.26 112.30 112.26
000065 00.01 3.151877E-8 S. San Andreas;CH+CC+BB+NM+SM+NSB 19.76 19.76 19.99 19.76
000013 00.01 2.9735096E-8 Elsinore;T 50.10 26.43 50.19 50.10
000048 00.01 2.9370888E-8 S. San Andreas;BB+NM+SM+NSB+SSB+BG 19.76 -19.76 20.57 19.76
000108 00.01 2.3978625E-8 San Jacinto;CC+B+SM 116.19 03.05 116.23 116.19
000012 00.01 2.256598E-8 Elsinore;J+CM 97.42 48.69 97.42 96.17
000098 00.01 2.153069E-8 San Jacinto;A 46.05 03.91 46.15 46.05
000264 00.01 2.1029535E-8 Santa Monica Connected alt 1 80.61 -07.38 81.05 80.61
000125 00.00 1.8245434E-8 Garlock 130.13 -130.13 130.16 130.13
000254 00.00 1.8195061E-8 San Cayetano 118.48 -26.40 119.57 118.48
000046 00.00 1.627488E-8 S. San Andreas;BB+NM+SM+NSB 19.76 19.76 19.99 19.76