



Mean/Mode Metadata :

Disaggregation Results for Prob = 4.0E-4 (for IML = 0.08480481)

Mbar = 7.4006925

Dbar = 30.145405

Ebar = 1.9650452

6.75 Mmode < 7.25

0.0 Dmode < 10.0

1.0 < Emode <= 2.0

Disaggregation Plot Parameters Info :

IMR Param List:

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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:

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Depth 2.5 km/sec = 1.54; Depth 1.0 km/sec = 0.0; Vs30 Type = Inferred; Vs30 = 515.0

IMT Param List:

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

Forecast Param List:

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

TimeSpan Param List:

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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

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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 00.00 00.35 00.35  
005.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 13.76 00.00 13.76  
005.00 7.50 00.00 00.00 00.00 00.00 00.00 02.10 02.74 00.00 04.84  
005.00 8.00 00.00 00.00 00.00 00.00 00.34 02.96 00.00 00.00 03.30  
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 00.01 00.01  
015.00 6.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 05.19 05.19  
015.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 04.81 09.16 13.97  
015.00 7.50 00.00 00.00 00.00 00.00 00.00 00.16 10.48 00.10 10.74  
015.00 8.00 00.00 00.00 00.00 00.00 00.00 02.61 03.22 00.00 05.83  
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 00.26 00.26  
025.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 01.30 01.30  
025.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 01.49 00.69 02.18  
025.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.10 00.00 00.10  
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 00.29 00.29  
035.00 7.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.74 00.74  
035.00 7.50 00.00 00.00 00.00 00.00 00.00 00.00 00.00 01.96 01.96  
035.00 8.00 00.00 00.00 00.00 00.00 00.00 00.00 00.78 00.00 00.78  
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	00.09	00.09
085.00	8.00	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
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	00.01	00.01
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	00.01	00.01
105.00	7.50	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.02	00.02
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
000016	14.01	5.6331995E-5	Elsinore;W	09.92	-09.91	11.62	09.92
000007	08.78	3.5291778E-5	Elsinore;GI	15.51	11.97	15.80	15.51
000010	07.98	3.2111235E-5	Elsinore;GI+T+J+CM	15.61	-12.04	16.36	15.61
000008	07.48	3.0085755E-5	Elsinore;GI+T	15.51	13.14	15.80	15.51
000124	05.49	2.2094013E-5	Elsinore	09.90	-09.90	11.05	09.90
000085	05.34	2.1460319E-5	S. San Andreas;PK+CH+CC+BB+NM+SM	61.55	57.85	61.62	61.55
000112	03.01	1.2089246E-5	San Jacinto;SBV+SJV+A+C	52.43	52.43	52.52	52.43
000086	02.66	1.0681471E-5	S. San Andreas;PK+CH+CC+BB+NM+SM+NSB	59.60	59.60	59.68	59.60
000144	02.51	1.0105169E-5	Chino, alt 2	14.12	15.57	14.12	07.99
000143	02.45	9.838707E-6	Chino, alt 1	11.91	15.54	11.91	05.91
000128	02.39	9.60816E-6	S. San Andreas	59.60	-59.60	59.89	59.60

000257 02.31 9.308801E-6 San Joaquin Hills 13.22 -13.07 16.14 13.07  
000009 02.13 8.5691745E-6 Elsinore;GI+T+J 15.53 -12.36 16.24 15.53  
000099 01.87 7.528551E-6 San Jacinto;A+C 60.34 -41.84 60.41 60.34  
000015 01.79 7.196862E-6 Elsinore;T+J+CM 36.37 -07.33 36.68 36.37  
000064 01.58 6.3629295E-6 S. San Andreas;CH+CC+BB+NM+SM 61.48 58.60 61.55 61.48  
000232 01.48 5.9489557E-6 Palos Verdes Connected 43.13 43.13 43.23 43.13  
000094 01.30 5.238199E-6 S. San Andreas;SM+NSB+SSB+BG+CO 59.60 -59.60 60.05 59.60  
000018 01.22 4.8868005E-6 Elsinore;W+GI+T 09.90 -09.90 11.06 09.90  
000017 01.06 4.264645E-6 Elsinore;W+GI 09.92 -09.91 11.24 09.92  
000219 00.99 3.969487E-6 Newport Inglewood Connected alt 2 25.30 -25.30 25.48 25.30  
000218 00.97 3.895407E-6 Newport Inglewood Connected alt 1 25.45 25.45 25.63 25.45  
000020 00.87 3.5189555E-6 Elsinore;W+GI+T+J+CM 09.90 -09.90 11.07 09.90  
000089 00.85 3.402152E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO 59.60 -  
59.60 59.89 59.60  
000242 00.84 3.362941E-6 Puente Hills 19.39 -09.89 19.39 18.73  
000019 00.80 3.2105781E-6 Elsinore;W+GI+T+J 09.92 -09.91 11.07 09.92  
000243 00.71 2.8630816E-6 Puente Hills (Coyote Hills) 16.43 -11.98 17.20 16.19  
000087 00.67 2.698237E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB 59.60 59.60 59.68  
59.60  
000130 00.66 2.637064E-6 San Jacinto (SB to C) 52.43 52.43 52.52 52.43  
000055 00.65 2.6107512E-6 S. San Andreas;CC+BB+NM+SM 61.56 59.93 61.63 61.56  
000092 00.64 2.5851627E-6 S. San Andreas;SM+NSB+SSB 59.59 59.59 59.67 59.59  
000093 00.60 2.398033E-6 S. San Andreas;SM+NSB+SSB+BG 59.59 -59.59 60.31 59.59  
000110 00.58 2.3380733E-6 San Jacinto;SBV+SJV 52.43 52.43 52.52 52.43  
000217 00.58 2.3325501E-6 Newport-Inglewood (Offshore) 26.71 -26.13 26.88 26.71  
000231 00.57 2.3043515E-6 Palos Verdes 43.12 43.12 43.22 43.12  
000273 00.54 2.1807293E-6 Sierra Madre Connected 37.06 -35.42 39.60 37.06  
000111 00.54 2.1614196E-6 San Jacinto;SBV+SJV+A 52.43 52.43 52.52 52.43  
000118 00.52 2.1027909E-6 San Jacinto;SJV+A+C 53.78 47.93 53.86 53.78  
000091 00.50 1.9992478E-6 S. San Andreas;SM+NSB 59.59 59.59 59.67 59.59  
000079 00.44 1.782352E-6 S. San Andreas;NSB+SSB+BG+CO 59.60 -59.60 60.23 59.60  
000057 00.43 1.7216107E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB 59.60 -59.60 59.67 59.60  
000271 00.40 1.5906086E-6 Sierra Madre 37.06 -35.00 39.48 37.06  
000216 00.38 1.5449926E-6 Newport-Inglewood, alt 2 25.30 25.30 25.48 25.30  
000215 00.38 1.5429554E-6 Newport-Inglewood, alt 1 25.44 25.45 25.63 24.65  
000088 00.38 1.539936E-6 S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG 59.59 -59.59  
59.90 59.59  
000045 00.33 1.345011E-6 S. San Andreas;BB+NM+SM 61.55 61.00 61.63 61.55  
000075 00.33 1.3325291E-6 S. San Andreas;NM+SM+NSB+SSB+BG+CO 59.60 -59.60 60.00 59.60  
000056 00.32 1.2981825E-6 S. San Andreas;CC+BB+NM+SM+NSB 59.60 59.60 59.67 59.60  
000066 00.32 1.280017E-6 S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB 59.60 59.59 59.67  
59.60

000149 00.31 1.2467468E-6 Cucamonga 37.46 -35.38 41.02 37.46  
000014 00.31 1.2344057E-6 Elsinore;T+J 36.26 -08.73 36.57 36.26  
000073 00.30 1.1996033E-6 S. San Andreas;NM+SM+NSB+SSB 59.59 59.59 59.67 59.59  
000049 00.29 1.1665742E-6 S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO 59.60 -59.60 59.95  
59.60  
000058 00.28 1.1104543E-6 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG 59.59 -59.59 60.07  
59.59  
000013 00.26 1.0388321E-6 Elsinore;T 35.83 -12.33 35.96 35.83  
000117 00.25 1.0014148E-6 San Jacinto;SJV+A 53.90 -48.65 53.98 53.90  
000115 00.24 9.734101E-7 San Jacinto;SBV+SJV+A+CC+B+SM 52.43 52.43 52.52 52.43  
000074 00.24 9.454115E-7 S. San Andreas;NM+SM+NSB+SSB+BG 59.59 -59.59 60.22 59.59  
000071 00.23 9.1629755E-7 S. San Andreas;NM+SM 61.60 60.76 61.67 61.60  
000097 00.22 8.748607E-7 S. San Andreas;SSB+BG+CO 63.38 -58.44 64.10 63.38  
000114 00.21 8.3921327E-7 San Jacinto;SBV+SJV+A+CC+B 52.43 52.43 52.52 52.43  
000084 00.20 8.1455755E-7 S. San Andreas;PK+CH+CC+BB+NM 122.46 30.04 122.50 122.46  
000148 00.20 8.0668786E-7 Coronado Bank 58.67 -45.01 58.75 58.67  
000109 00.20 7.994003E-7 San Jacinto;SBV 52.43 52.43 52.52 52.43  
000078 00.19 7.4876215E-7 S. San Andreas;NSB+SSB+BG 59.59 -59.59 60.71 59.59  
000113 00.17 6.7920575E-7 San Jacinto;SBV+SJV+A+CC 52.43 52.43 52.52 52.43  
000047 00.16 6.4005457E-7 S. San Andreas;BB+NM+SM+NSB+SSB 59.60 -59.60 59.67 59.60  
000121 00.16 6.2705976E-7 San Jacinto;SJV+A+CC+B+SM 53.89 -48.64 53.97 53.89  
000077 00.15 6.185378E-7 S. San Andreas;NSB+SSB 59.60 -59.60 59.67 59.60  
000116 00.15 6.1081016E-7 San Jacinto;SJV 53.78 49.52 53.86 53.78  
000090 00.15 5.9122954E-7 S. San Andreas;SM 61.46 60.46 61.53 61.46  
000096 00.13 5.426239E-7 S. San Andreas;SSB+BG 63.20 -54.58 64.50 63.20  
000120 00.13 5.155997E-7 San Jacinto;SJV+A+CC+B 53.78 49.56 53.86 53.78  
000072 00.10 4.143798E-7 S. San Andreas;NM+SM+NSB 59.59 59.59 59.67 59.59  
000258 00.10 3.9890875E-7 San Jose 30.19 -30.15 31.53 30.19  
000119 00.10 3.8674233E-7 San Jacinto;SJV+A+CC 53.78 49.55 53.86 53.78  
000059 00.08 3.1133902E-7 S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO 59.60 -59.60  
59.91 59.60  
000102 00.07 2.754512E-7 San Jacinto;A+CC+B+SM 60.41 44.73 60.49 60.41  
000265 00.06 2.402251E-7 Santa Monica Connected alt 2 60.73 -43.20 63.01 60.73  
000245 00.05 2.1413588E-7 Puente Hills (Santa Fe Springs) 29.42 -20.03 30.10 29.29  
000101 00.05 2.0544502E-7 San Jacinto;A+CC+B 60.41 45.96 60.49 60.41  
000244 00.05 2.002834E-7 Puente Hills (LA) 40.06 -04.73 40.45 40.00  
000051 00.05 1.9753936E-7 S. San Andreas;BG+CO 89.70 -59.17 90.40 89.70  
000247 00.04 1.5833108E-7 Raymond 47.08 -44.60 47.97 47.08  
000222 00.04 1.5538517E-7 North Frontal (West) 65.65 48.44 65.65 61.62  
000025 00.04 1.5016226E-7 Garlock;GE+GC+GW 149.77 -149.77 149.80 149.77  
000264 00.04 1.4231775E-7 Santa Monica Connected alt 1 68.48 -39.24 70.12 68.48  
000158 00.04 1.4115645E-7 Elysian Park (Upper) 44.84 -19.65 44.84 44.74

000100 00.03 1.3260721E-7 San Jacinto;A+CC 60.41 45.80 60.49 60.41  
000255 00.03 1.1939198E-7 San Gabriel 76.39 -11.52 76.87 76.39  
000012 00.03 1.0100201E-7 Elsinore;J+CM 84.54 08.75 84.62 84.48  
000083 00.02 8.7175124E-8 S. San Andreas;PK+CH+CC+BB 154.22 -09.60 154.25 154.22  
000022 00.02 8.0759655E-8 Garlock;GC+GW 149.76 -149.76 149.79 149.76  
000146 00.02 7.528775E-8 Cleghorn 63.80 60.03 63.87 63.80  
000234 00.02 6.9878666E-8 Pinto Mtn 99.57 17.15 99.62 99.57  
000076 00.01 5.981439E-8 S. San Andreas;NSB 59.61 59.61 59.68 59.61  
000283 00.01 5.1018418E-8 Verdugo 53.19 -11.34 53.93 53.19  
000108 00.01 4.842594E-8 San Jacinto;CC+B+SM 117.71 -36.58 117.74 117.71  
000132 00.01 4.5419526E-8 Anacapa-Dume, alt 2 78.29 -32.61 79.40 78.28  
000254 00.01 4.4925567E-8 San Cayetano 117.66 -62.97 119.88 117.66