



$\epsilon < -2$

$-2 < \epsilon < -1$

$-1 < \epsilon < -0.5$

$-0.5 < \epsilon < 0$

$0 < \epsilon < 0.5$

$0.5 < \epsilon < 1$

$1 < \epsilon < 2$

$2 < \epsilon$



Mean/Mode Metadata :

Mbar = 7.267281

$$\bar{D} = 20.00954$$
$$\bar{E} = 0.886755$$

## 7.2 Mmode < 7.4

20.0 Dmode < 30.0

1.0 < Emode <= 2.0

### Disaggregation Plot Parameters Info :

## Custom disagg

## Disaggregation Bin Data :

Dist Mag E-2 -2&lt;E-1 -1&lt;E-0.5 -0.5&gt;E0 0&lt;E0.5 0.5&lt;E1 1&lt;E2 2&gt;E

[illegible]

[illegible]

[illegible]

105.00 8.30 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
072464	00.41	1.6462858E-6	Inversion Src #72464; 4 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0	03.05	00.19	03.05	00.00
016073	00.41	1.6381075E-6	Inversion Src #16073; 3 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 2	03.05	00.19	03.05	00.00
027889	00.40	1.6134326E-6	Inversion Src #27889; 4 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 0 AND San Joaquin Hills, Subsection 2	03.05	00.19	03.05	00.00
083141	00.40	1.5961318E-6	Inversion Src #83141; 9 SECTIONS BETWEEN San Diego Trough north alt1, Subsection 26 AND San Joaquin Hills, Subsection 2	03.05	00.19	03.05	00.00
038618	00.40	1.5907611E-6	Inversion Src #38618; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
014372	00.40	1.5852473E-6	Inversion Src #14372; 4 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 0 AND San Joaquin Hills, Subsection 2	03.05	00.19	03.05	00.00
045607	00.40	1.5848304E-6	Inversion Src #45607; 10 SECTIONS BETWEEN Elsinore (Glen Ivy) rev, Subsection 1 AND Newport-Inglewood alt 1, Subsection 1	03.05	00.19	03.05	00.00
000349	00.39	1.5777766E-6	Inversion Src #349; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
049442	00.39	1.5775872E-6	Inversion Src #49442; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
056353	00.39	1.5729834E-6	Inversion Src #56353; 6 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0	03.05	00.19	03.05	00.00
011033	00.39	1.5721045E-6	Inversion Src #11033; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
035675	00.39	1.5695676E-6	Inversion Src #35675; 6 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0	03.05	00.19	03.05	00.00
062519	00.39	1.5690018E-6	Inversion Src #62519; 3 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
076418	00.39	1.5672722E-6	Inversion Src #76418; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
080599	00.39	1.5651367E-6	Inversion Src #80599; 6 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0	03.05	00.19	03.05	00.00
077767	00.39	1.5649833E-6	Inversion Src #77767; 7 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0	03.05	00.19	03.05	00.00
006815	00.39	1.5633348E-6	Inversion Src #6815; 7 SECTIONS BETWEEN Newport-Inglewood alt 1, Subsection 0 AND San Joaquin Hills, Subsection 2	03.05	00.19	03.05	00.00
044175	00.39	1.5625671E-6	Inversion Src #44175; 2 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 1	03.05	00.19	03.05	00.00
084741	00.39	1.5624506E-6	Inversion Src #84741; 2 SECTIONS BETWEEN San Joaquin Hills,				

Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
040173 00.39 1.5610833E-6 Inversion Src #40173; 7 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
001887 00.39 1.560395E-6 Inversion Src #1887; 6 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
030012 00.39 1.5584782E-6 Inversion Src #30012; 51 SECTIONS BETWEEN San Diego Trough  
north alt1, Subsection 33 AND Carlsbad, Subsection 3 03.05 00.19 03.05 00.00  
018404 00.39 1.5578604E-6 Inversion Src #18404; 7 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
070942 00.39 1.5578388E-6 Inversion Src #70942; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
034176 00.39 1.5577681E-6 Inversion Src #34176; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
059037 00.39 1.5569094E-6 Inversion Src #59037; 6 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
009675 00.39 1.5567307E-6 Inversion Src #9675; 7 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
029234 00.39 1.5566176E-6 Inversion Src #29234; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
026516 00.39 1.5548725E-6 Inversion Src #26516; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
086177 00.39 1.5546067E-6 Inversion Src #86177; 7 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 3 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
012440 00.39 1.553829E-6 Inversion Src #12440; 52 SECTIONS BETWEEN San Diego Trough  
north alt1, Subsection 33 AND Carlsbad, Subsection 6 03.05 00.19 03.05 00.00  
074941 00.39 1.5536308E-6 Inversion Src #74941; 7 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 2 AND Whittier alt 1, Subsection 1 03.05 00.19 03.05 00.00  
061143 00.39 1.5512879E-6 Inversion Src #61143; 7 SECTIONS BETWEEN Newport-Inglewood alt  
1, Subsection 0 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
041575 00.39 1.5509642E-6 Inversion Src #41575; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
032824 00.39 1.5506979E-6 Inversion Src #32824; 7 SECTIONS BETWEEN Newport-Inglewood alt  
1, Subsection 0 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
053575 00.39 1.5498216E-6 Inversion Src #53575; 9 SECTIONS BETWEEN San Diego Trough  
north alt1, Subsection 28 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
004277 00.39 1.5495876E-6 Inversion Src #4277; 6 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
079210 00.39 1.5468825E-6 Inversion Src #79210; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
064052 00.39 1.5456659E-6 Inversion Src #64052; 8 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 3 AND Newport-Inglewood alt 1, Subsection 0 03.05 00.19 03.05 00.00  
069415 00.38 1.5428815E-6 Inversion Src #69415; 49 SECTIONS BETWEEN Carlsbad,

Subsection 1 AND San Andreas (San Bernardino S), Subsection 4 03.05 00.19 03.05 00.00  
047877 00.38 1.542522E-6 Inversion Src #47877; 7 SECTIONS BETWEEN Newport-Inglewood alt  
1, Subsection 0 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
021099 00.38 1.5403467E-6 Inversion Src #21099; 11 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 7 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
042742 00.38 1.539378E-6 Inversion Src #42742; 31 SECTIONS BETWEEN Rose Canyon,  
Subsection 13 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
022964 00.38 1.5349793E-6 Inversion Src #22964; 6 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
066876 00.38 1.5329053E-6 Inversion Src #66876; 13 SECTIONS BETWEEN Palos Verdes,  
Subsection 1 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
025119 00.38 1.5323741E-6 Inversion Src #25119; 15 SECTIONS BETWEEN Palos Verdes,  
Subsection 0 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
081940 00.38 1.5310249E-6 Inversion Src #81940; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 0 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
050859 00.38 1.5306829E-6 Inversion Src #50859; 14 SECTIONS BETWEEN Palos Verdes,  
Subsection 0 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
027551 00.37 1.4877194E-6 Inversion Src #27551; 2 SECTIONS BETWEEN San Joaquin Hills,  
Subsection 1 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
065489 00.37 1.476035E-6 Inversion Src #65489; 4 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
037177 00.37 1.4742639E-6 Inversion Src #37177; 4 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
038200 00.37 1.4656615E-6 Inversion Src #38200; 4 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND San Joaquin Hills, Subsection 2 03.05 00.19 03.05 00.00  
068258 00.36 1.4593771E-6 Inversion Src #68258; 4 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
008256 00.36 1.4573276E-6 Inversion Src #8256; 4 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND San Joaquin Hills, Subsection 1 03.05 00.19 03.05 00.00  
055072 00.36 1.4469144E-6 Inversion Src #55072; 11 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 8 AND San Joaquin Hills, Subsection 0 03.05 00.19 03.05 00.00  
027663 00.35 1.3849999E-6 Inversion Src #27663; 43 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 1 AND Carlsbad, Subsection 6 05.34 00.89 05.34 04.39  
015069 00.34 1.3541753E-6 Inversion Src #15069; 45 SECTIONS BETWEEN San Diego Trough  
north alt1, Subsection 0 AND San Joaquin Hills, Subsection 2 05.34 00.89 05.34 04.39  
017486 00.31 1.2247917E-6 Inversion Src #17486; 12 SECTIONS BETWEEN Palos Verdes,  
Subsection 13 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
031418 00.30 1.1955489E-6 Inversion Src #31418; 2 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
019815 00.30 1.1867143E-6 Inversion Src #19815; 2 SECTIONS BETWEEN Newport-Inglewood  
(Offshore), Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
057824 00.30 1.1855672E-6 Inversion Src #57824; 4 SECTIONS BETWEEN Newport-Inglewood alt

1, Subsection 2 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
046946 00.29 1.1784415E-6 Inversion Src #46946; 6 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 2 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
001886 00.29 1.1733724E-6 Inversion Src #1886; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
024053 00.29 1.1709523E-6 Inversion Src #24053; 4 SECTIONS BETWEEN Newport-Inglewood alt 1, Subsection 2 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
052282 00.29 1.1532537E-6 Inversion Src #52282; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
003246 00.29 1.1485926E-6 Inversion Src #3246; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
073834 00.28 1.126318E-6 Inversion Src #73834; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
046810 00.27 1.096944E-6 Inversion Src #46810; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
013933 00.27 1.0921336E-6 Inversion Src #13933; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
060287 00.27 1.0877146E-6 Inversion Src #60287; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
060554 00.27 1.0848723E-6 Inversion Src #60554; 2 SECTIONS BETWEEN Newport-Inglewood (Offshore), Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
050630 00.27 1.0779552E-6 Inversion Src #50630; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
005443 00.27 1.0735334E-6 Inversion Src #5443; 1 SECTIONS BETWEEN San Joaquin Hills, Subsection 0 AND San Joaquin Hills, Subsection 0 05.58 01.52 05.58 04.68  
070896 00.24 9.53914E-7 Inversion Src #70896; 24 SECTIONS BETWEEN San Jacinto (Lytle Creek connector), Subsection 1 AND San Pedro Escarpment, Subsection 1 13.12 12.60 13.41 12.60  
056450 00.24 9.475864E-7 Inversion Src #56450; 29 SECTIONS BETWEEN San Pedro Escarpment, Subsection 1 AND Peralta Hills, Subsection 1 13.12 12.60 13.41 12.60  
045042 00.23 9.0275773E-7 Inversion Src #45042; 30 SECTIONS BETWEEN Newport-Inglewood alt 1, Subsection 0 AND North Salt Lake, Subsection 1 13.12 12.60 13.41 12.60  
007203 00.22 8.867231E-7 Inversion Src #7203; 24 SECTIONS BETWEEN San Pedro Basin, Subsection 10 AND Newport-Inglewood alt 1, Subsection 0 13.12 12.60 13.41 12.60  
085129 00.22 8.699431E-7 Inversion Src #85129; 23 SECTIONS BETWEEN San Pedro Basin, Subsection 10 AND Newport-Inglewood alt 1, Subsection 0 13.12 12.60 13.41 12.60  
021512 00.22 8.639928E-7 Inversion Src #21512; 24 SECTIONS BETWEEN Compton, Subsection 4 AND Whittier alt 1, Subsection 3 13.12 12.60 13.41 12.60  
016196 00.21 8.404314E-7 Inversion Src #16196; 31 SECTIONS BETWEEN San Pedro Basin, Subsection 10 AND Santa Cruz Catalina Ridge alt1, Subsection 1 13.12 12.60 13.41 12.60  
043646 00.21 8.3894207E-7 Inversion Src #43646; 28 SECTIONS BETWEEN San Pedro Basin, Subsection 11 AND Newport-Inglewood (Offshore), Subsection 2 11.93 -11.89 12.26 11.89  
004993 00.21 8.343144E-7 Inversion Src #4993; 9 SECTIONS BETWEEN Compton, Subsection 2



AND Newport-Inglewood alt 1, Subsection 0 13.12 12.60 13.41 12.60  
 033580 00.21 8.3127406E-7 Inversion Src #33580; 33 SECTIONS BETWEEN Compton,  
 Subsection 4 AND Newport-Inglewood alt 1, Subsection 0 13.12 12.60 13.41 12.60  
 014854 00.21 8.270794E-7 Inversion Src #14854; 33 SECTIONS BETWEEN San Pedro Basin,  
 Subsection 9 AND Newport-Inglewood alt 1, Subsection 0 13.12 12.60 13.41 12.60  
 082026 00.20 8.158649E-7 Inversion Src #82026; 62 SECTIONS BETWEEN Elsinore (Temecula)  
 rev, Subsection 5 AND Rose Canyon, Subsection 15 11.93 -11.89 12.26 11.89  
 057684 00.20 8.102758E-7 Inversion Src #57684; 64 SECTIONS BETWEEN Elsinore (Glen Ivy)  
 rev, Subsection 0 AND Newport-Inglewood alt 1, Subsection 0 11.93 -11.89 12.26 11.89  
 019995 00.20 8.0016713E-7 Inversion Src #19995; 42 SECTIONS BETWEEN Newport-Inglewood  
 (Offshore), Subsection 0 AND Carlsbad, Subsection 6 11.93 -11.89 12.26 11.89  
 084201 00.20 7.948162E-7 Inversion Src #84201; 58 SECTIONS BETWEEN San Jacinto (Coyote  
 Creek), Subsection 1 AND Palos Verdes, Subsection 8 11.93 -11.89 12.26 11.89  
 050041 00.20 7.855049E-7 Inversion Src #50041; 39 SECTIONS BETWEEN Rose Canyon,  
 Subsection 10 AND Elsinore (Temecula) rev, Subsection 1 11.93 -11.89 12.26 11.89  
 035572 00.20 7.852992E-7 Inversion Src #35572; 35 SECTIONS BETWEEN Newport-Inglewood  
 (Offshore), Subsection 1 AND Elsinore (Temecula) rev, Subsection 2 11.97 -11.85 12.30 11.93  
 047494 00.20 7.832902E-7 Inversion Src #47494; 47 SECTIONS BETWEEN San Diego Trough  
 north alt1, Subsection 33 AND Carlsbad, Subsection 6 11.97 -11.85 12.30 11.93  
 062600 00.19 7.8152874E-7 Inversion Src #62600; 35 SECTIONS BETWEEN Newport-Inglewood  
 (Offshore), Subsection 0 AND Earthquake Valley (No Extension), Subsection 2 11.93 -11.89 12.26  
 11.89  
 024942 00.19 7.7539244E-7 Inversion Src #24942; 32 SECTIONS BETWEEN San Clemente,  
 Subsection 32 AND Newport-Inglewood (Offshore), Subsection 1 11.97 -11.85 12.30 11.93  
 007402 00.19 7.7330776E-7 Inversion Src #7402; 32 SECTIONS BETWEEN Newport-Inglewood  
 (Offshore), Subsection 0 AND Carlsbad, Subsection 3 11.93 -11.89 12.26 11.89  
 022173 00.19 7.650068E-7 Inversion Src #22173; 32 SECTIONS BETWEEN Newport-Inglewood  
 (Offshore), Subsection 1 AND Carlsbad, Subsection 6 11.97 -11.85 12.30 11.93  
 067007 00.19 7.504063E-7 Inversion Src #67007; 21 SECTIONS BETWEEN Elysian Park (Lower  
 CFM), Subsection 0 AND San Pedro Basin, Subsection 0 13.12 12.60 13.41 12.60  
 027255 00.18 7.3181263E-7 Inversion Src #27255; 23 SECTIONS BETWEEN San Pedro Basin,  
 Subsection 4 AND Santa Monica alt 1, Subsection 0 13.12 12.60 13.41 12.60  
 074382 00.18 7.26642E-7 Inversion Src #74382; 61 SECTIONS BETWEEN Elsinore (Glen Ivy) rev,  
 Subsection 0 AND San Diego Trough north alt1, Subsection 19 13.24 -12.12 13.54 13.20  
 003305 00.18 7.22473E-7 Inversion Src #3305; 28 SECTIONS BETWEEN San Diego Trough north  
 alt1, Subsection 25 AND Compton, Subsection 2 13.12 12.60 13.41 12.60  
 001338 00.18 7.2053376E-7 Inversion Src #1338; 32 SECTIONS BETWEEN Elsinore (Julian),  
 Subsection 2 AND Oceanside alt1, Subsection 6 14.63 04.48 14.63 14.18