ACTN (34.46, −118.18) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)

Summed Weights

UCERF3

UCERF2 [UC3/UC2 = 0.93]

NSHMP CA [UC3/NSHMP = 0.92]
AC01 (34.42, −118.10) : 10in50 : 5Hz

Annual Frequency of Exceedance

10% in 50 yrs AFE

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Summed Weights

UCERF3

UCERF2 [UC3/UC2 = 0.95]

NSHMP CA [UC3/NSHMP = 0.94]

Logic Tree Nodes

M5+ 6.5

M5+ 7.9

ABM

ELL B

U3 SEIS

FM 3.1

TAPERED

Mmax=7.9

Mmax=7.3

H&B 08

U2 SEIS

FM 3.2

UNIFORM

GEOL
Big Sur (36.25, -121.75) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Summed Weights

Logic Tree Nodes

Mmax=7.9

Mmax=7.6

FM 3.2

FM 3.1

UNIFORM

ELL B

NEOK

ABM

H&B 08

TAPERED

M5+ 6.5

M5+ 7.9

U3 SEIS

U2 SEIS

10% in 50 yrs AFE

UCERF3

UCERF2

[UC3/UC2 = 0.91]

NSHMP CA

[UC3/NSSHMP = 0.94]
Bakersfield (35.35, −119.00) : 10in50 : 5Hz

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2 [UC3/UC2 = 1.02]
NSHMP CA [UC3/NSHMP = 1.02]

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Summed Weights

Logic Tree Nodes

Ground Motion (g)

Ground Motion (g)

M5+ 6.5
U3 SEIS
ZENGBB
Mmax=7.3
H&B 08
TAPERED
FM 3.1

M5+ 7.9
U2 SEIS
ABM
Mmax=7.9
ELL B
UNIFORM
FM 3.2
Brawley (33.00, −115.55) : 10in50 : 5Hz

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)
Brookings (42.05, -124.25) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Logic Tree GM Distr.

Logic Tree Tornado

UNIFORM TAPERED

FM 3.1

Mmax=7.6

U3 SEIS

M5+ 6.5

ELL B

ABM

FM 3.2

Mmax=7.9

UNIFORM

TAPERED
Carson City (39.15, −119.75) : 10in50 : 5Hz

10% in 50 yrs AFE

 logic tree GM distr.

 Logic Tree Tornado

 Logic Tree Nodes

 ZENGBB
 M5+ 6.5
 ELL B
 U3 SEIS
 UNIFORM
 Mmax=7.3
 FM 3.1
 ABM
 M5+ 7.9
 H&B 08
 U2 SEIS
 TAPERED
 Mmax=7.9
 FM 3.2

logic tree ground motion (g)

 Ground Motion (g)

 Summed Weights

 Logic Tree GM Distr.

 Ground Motion (g)

 Annual Frequency of Exceedance

 Ground Motion (g)
Century City (34.05, −118.40) : 10in50 : 5Hz

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Summed Weights

Ground Motion (g)

Logic Tree Nodes

Ground Motion (g)
Coalinga (36.15, –120.40) : 10in50 : 5Hz
Cucamonga (34.20, −117.55) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 0.57]
NSHMP CA [UC3/NSHMP = 0.57]

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Summed Weights

Logic Tree Nodes

M5+ 6.5
U2 SEIS
SHAW 09m
GEOL
UNIFORM
Mmax=7.9
FM 3.2

M5+ 7.9
U3 SEIS
ELL B
ABM
TAPERED
Mmax=7.6
FM 3.1
Diablo Canyon (35.20, -120.85) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Ground Motion (g)

Logic Tree Nodes

FM 3.1

U3 SEIS

TAPERED

Mmax=7.3

M5+ 6.5

H&B 08

GEOL

M5+ 7.9

UNIFORM

U2 SEIS

FM 3.2
Death Valley (36.35, −116.85) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.56]
NSHMP CA [UC3/NSHMP = 0.58]

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

M5+ 6.5
SHAW 09m
TAPERED
ABM
Mmax=7.9
U3 SEIS
FM 3.1

M5+ 7.9
ELL B
UNIFORM
ZENGBB
Mmax=7.3
U2 SEIS
FM 3.2

Ground Motion (g)

Summed Weights

0.2
0.15
0.1
0.05
0

0.4
0.6
0.8
1
1.2

0.3
0.32
0.34
0.36
0.38

Ground Motion (g)
Eureka (40.80, −124.20) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Summed Weights

Ground Motion (g)

Logic Tree Nodes

Ground Motion (g)
Fresno (36.75, -119.75) : 10in50 : 5Hz

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Logic Tree Nodes

UCERF3
UCERF2 [UC3/UC2 = 1.14]
NSHMP CA [UC3/NSSHMP = 1.15]
10% in 50 yrs AFE

Logic Tree GM Distr.

GLBT (33.96, -117.38) : 10in50 : 5Hz

Logic Tree Tornado

Summed Weights

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 0.96]
NSHMP CA [UC3/NSSHMP = 0.96]
Irvine (33.65, -117.80) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.98]
NSHMP CA [UC3/NSHMP = 0.98]

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes
Mmax=7.9
Mmax=6.5
U2 SEIS
U3 SEIS
FM 3.2
FM 3.1
ZENGBB
ELL B
SHAW 09m
UNIFORM
TAPERED

Ground Motion (g)
Summed Weights

Ground Motion (g)

Ground Motion (g)

Logic Tree Nodes

Ground Motion (g)
GV03 (34.28, -117.23) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Summed Weights

Ground Motion (g)
LMAT (33.79, -117.40) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Summed Weights

Logic Tree Nodes

LMAT (33.79, -117.40) : 10in50 : 5Hz

UCERF3
UCERF2 [UC3/UC2 = 1.15]
NSHMP CA [UC3/NSHMP = 1.14]

0.8 0.9 1 1.1 1.2

Ground Motion (g)

Logic Tree Tornado

SHAW CSD
NEQK
M5+ 6.5
U3 SEIS
UNIFORM
FM 3.2
Mmax=7.3

ELL B
ABM
M5+ 7.9
U2 SEIS
TAPERED
FM 3.1
Mmax=7.9

0.9 0.95 1 1.05 1.1

Ground Motion (g)
10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

M5+ 6.5
ABM
ELL B
U3 SEIS
TAPERED
Mmax=7.9
FM 3.1

M5+ 7.9
GEOL
H&B 08
U2 SEIS
UNIFORM
Mmax=7.6
FM 3.2

Ground Motion (g)

Ground Motion (g)

LBUT2 (34.59, -117.81) : 10in50 : 5Hz
Los Angeles (34.05, −118.25) : 10in50 : 5Hz

10% in 50 yrs AFE

Logistic Tree GM Distr.

Logic Tree Nodes

U2 SEIS
M5+ 6.5
ELL B
ABM
FM 3.1
Mmax=7.9
TAPERED

Logic Tree Tornado

U3 SEIS
M5+ 7.9
H&B 08
NEOK
FM 3.2
Mmax=7.3
UNIFORM
Long Beach (33.80, -118.20) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 1.10]
NSHMP CA [UC3/NSHMP = 1.11]

0.6
0.7
0.8
0.9
1
1.1

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

M5+ 6.5
U2 SEIS
ELL B
GEOL
FM 3.2
Mmax=7.9
TAPERED

M5+ 7.9
U3 SEIS
H&B 08
ABM
FM 3.1
Mmax=7.3
UNIFORM

Summed Weights

Ground Motion (g)

0.2
0.15
0.1
0.05
0

0.6
0.7
0.8
0.9
1
1.1

Ground Motion (g)
Malibu West (34.05, −118.95) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 0.85]
NSHMP CA [UC3/NSHMP = 0.86]

Logic Tree GM Distr.

Summed Weights

0.6 0.8 1 1.2
Ground Motion (g)

Logic Tree Tornado

Logic Tree Nodes

ABM
FM 3.2
U2 SEIS
M5+ 6.5
ELL B
Mmax=7.9
TAPERED
NEOK
FM 3.1
U3 SEIS
M5+ 7.9
H&B 08
Mmax=7.3
UNIFORM

Ground Motion (g)
10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

M5+ 6.5
U2 SEIS
SHAW 09m
ABM
UNIFORM
Mmax=7.9
FM 3.1
M5+ 7.9
U3 SEIS
ELL B
GEOL
TAPERED
Mmax=7.6
FM 3.2

LMER (33.89, -117.16) : 10in50 : 5Hz
MKBD (33.88, −117.39) : 10in50 : 5Hz

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Ground Motion (g)

Logic Tree Nodes

Ground Motion (g)
MRVY (33.93, -117.17) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.75]
NSHMP CA [UC3/NSHMP = 0.74]

Logic Tree GM Distr.

Summed Weights

0.9
0.95
1
1.05
1.1
1.15

Logic Tree Tornado

Ground Motion (g)

H&B 08
U2 SEIS
M5+ 6.5
NEOK
TAPERED
Mmax=7.9
FM 3.2

ELL B
U3 SEIS
M5+ 7.9
ABM
UNIFORM
Mmax=7.3
FM 3.1

Ground Motion (g)

0.8
1
1.2
1.4
1.6

Logic Tree Nodes

0
0.02
0.04
0.06
0.08
0.1

Ground Motion (g)
Northridge (34.20, -118.55) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2 [UC3/UC2 = 1.12]
NSHMP CA [UC3/NSHMP = 1.13]
Oakland (37.80, −122.25) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

UCERF3
UCERF2  [UC3/UC2 = 0.79]
NSHMP CA  [UC3/NSHMP = 0.78]

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)

Summed Weights

Ground Motion (g)
PACI2 (34.39, -118.05) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2 [UC3/UC2 = 0.95]
NSHMP CA [UC3/NSHMP = 0.94]
**Logic Tree GM Distr.**

**Logic Tree Tornado**

- ELL B
- M5+ 6.5
- ABM
- U2 SEIS
- Mmax=7.9
- TAPERED
- FM 3.2
- H&B 08
- M5+ 7.9
- GEOL
- U3 SEIS
- Mmax=7.3
- UNIFORM
- FM 3.1

**Ground Motion (g)**

**Annual Frequency of Exceedance**

- Palmdale (34.50, -118.00) : 10in50 : 5Hz

- 10% in 50 yrs AFE

- UCERF3
- UCERF2 [UC3/UC2 = 0.94]
- NSHMP CA [UC3/NSHMP = 0.92]
Palm Springs (33.85, -116.55) : 10in50 : 5Hz

Annual Frequency of Exceedance

10% in 50 yrs AFE

Ground Motion (g)

UCERF3
UCERF2 \[UC3/UC2 = 0.93\]
NSHMP CA \[UC3/NSHMP = 0.91\]

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Logic Tree Nodes

M5+ 6.5
ZENGBB
SHAW 09m
UNIFORM
Mmax=7.9
U2 SEIS
FM 3.1
M5+ 7.9
ABM
ELL B
TAPERED
Mmax=7.3
U3 SEIS
FM 3.2
Pasadena (34.15, -118.15) : 10in50 : 5Hz

Annual Frequency of Exceedance

Ground Motion (g)

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Summed Weights

Logic Tree Nodes

Ground Motion (g)
10% in 50 yrs AFE

PBWL (34.41, −117.86) : 10in50 : 5Hz

Logic Tree GM Distr.

Logic Tree Tornado

- ABM
- M5+ 6.5
- ELL B
- U2 SEIS
- TAPERED
- Mmax=7.9
- FM 3.1
- GEOL
- M5+ 7.9
- H&B 08
- U3 SEIS
- UNIFORM
- Mmax=7.3
- FM 3.2
10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

PEDLEY1 (33.99, −117.46) : 10in50 : 5Hz
10% in 50 yrs AFE

PERR2 (33.79, −117.24) : 10in50 : 5Hz

Logic Tree GM Distr.

Logic Tree Tornado

Ground Motion (g)

Annual Frequency of Exceedance

Ground Motion (g)

Summed Weights

Logic Tree Nodes

M5+ 6.5
NEOK
H&B 08
TAPERED
U3 SEIS
Mmax=7.3
FM 3.1

M5+ 7.9
ABM
ELL B
UNIFORM
U2 SEIS
Mmax=7.9
FM 3.2
Ground Motion (g)

Annual Frequency of Exceedance

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

PERRM (33.80, -117.25) : 10in50 : 5Hz
PIBU (34.65, -117.85) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Logic Tree Nodes
Reno (39.55, -119.80) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Summed Weights

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2        [UC3/UC2 = 0.76]
NSHMP CA        [UC3/NSHMP = 1.02]

Logic Tree Nodes

M5+ 6.5
ZENGBB
SHAW CSD
Mmax=7.3
U3 SEIS
TAPERED
FM 3.2

M5+ 7.9
ABM
ELL B
Mmax=7.9
U2 SEIS
UNIFORM
FM 3.1

Ground Motion (g)

Ground Motion (g)
Redding (40.60, −122.40) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

10% in 50 yrs AFE

Logic Tree GM Distr.

Summed Weights

Logic Tree Tornado

Logic Tree Nodes

U2 SEIS
M5+ 6.5
ABM
ELL B
Mmax=7.3
UNIFORM
FM 3.2

U3 SEIS
M5+ 7.9
ELL B SQL
Mmax=7.9
TAPERED
FM 3.1

Ground Motion (g)

Ground Motion (g)

Ground Motion (g)
Riverside (33.95, -117.40) : 10in50 : 5Hz

10% in 50 yrs AFE

Logic Tree Nodes

UCERF3
UCERF2 [UC3/UC2 = 0.97]
NSHMP CA [UC3/NSHMP = 0.97]

Logic Tree GM Distr.

Logic Tree Tornado

U2 SEIS
M5+ 6.5
H&B 08
NEOK
UNIFORM
FM 3.1
Mmax=7.3

U3 SEIS
M5+ 7.9
ELL B
ABM
TAPERED
FM 3.2

Mmax=7.9
Sacramento (38.60, −121.50) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Summed Weights

Ground Motion (g)

Logic Tree Tornado

Ground Motion (g)

Logic Tree Nodes

M5+ 6.5
U3 SEIS
SHAW CSD
NEOK
Mmax=7.3
FM 3.2
TAPERED
M5+ 7.9
U3 SEIS
ELL B
ABM
Mmax=7.9
FM 3.1
UNIFORM
San Bernardino (34.10, −117.30) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.88]
NSHMP CA [UC3/NSHMP = 0.86]

Logic Tree GM Distr.
Logic Tree Tornado

Ground Motion (g)

Summed Weights

Logic Tree Nodes

U2 SEIS
M5+ 6.5
NEOK
SHAW 0.9m
TAPERED
FM 3.1
Mmax=7.9

U3 SEIS
M5+ 7.9
ABM
ELL B
UNIFORM
FM 3.2
Mmax=7.3
San Diego (32.70, −117.15) : 10in50 : 5Hz

Annual Frequency of Exceedance

10% in 50 yrs AFE

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 1.34]
NSHMP CA [UC3/NSHMP = 1.36]

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Ground Motion (g)

Logic Tree Nodes

NEOK
ELL B SQL
UNIFORM
M5+ 6.5
FM 3.2
Mmax=7.6
U3 SEIS

ABM
ELL B
TAPERED
M5+ 7.9
FM 3.1
Mmax=7.9
U2 SEIS

Ground Motion (g)
San Francisco (37.75, −122.40) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)

Ground Motion (g)
San Jose (37.35, -121.90) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Logic Tree GM Distr.

Summed Weights

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)

Logic Tree GM Distr.

Ground Motion (g)

Logic Tree Tornado

Ground Motion (g)
San Luis Obispo (35.30, −120.65) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 1.01]
NSHMP CA [UC3/NSHMP = 1.02]

Logic Tree GM Distr.

Summed Weights

Logic Tree Tornado

Logic Tree Nodes

UNIFORM TAPERED
Mmax=7.6
Mmax=7.9
U3 SEIS
FM 3.2
ELL B
Mmax=6.5
FM 3.1
H&B 08
ABM
GEOL

San Luis Obispo (35.30, −120.65) : 10in50 : 5Hz
San Mateo (37.55, -122.30) : 10 in 50 : 5 Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

Ground Motion (g)

Logic Tree GM Distr.

Ground Motion (g)

Logic Tree Tornado

Logic Tree Nodes

Ground Motion (g)
Santa Barbara (34.45, −119.70) : 10 in 50 : 5 Hz

Ground Motion (g)

Annual Frequency of Exceedance

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Summed Weights

0.9 1 1.1 1.2

Ground Motion (g)

0 0.05 0.1 0.15 0.2

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 0.79]
NSHMP CA [UC3/NSHMP = 0.81]
San Onofre (33.40, -117.55) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.99]
NSHMP CA [UC3/NSHMP = 0.99]

Logic Tree GM Distr.

Logic Tree Tornado

M5+ 6.5 M5+ 7.9
NEOK ABM
SHAW 09m ELL B
FM 3.2 FM 3.1
TAPERED UNIFORM
U2 SEIS U3 SEIS
Mmax=7.6 Mmax=7.9
Santa Cruz (36.95, −122.05) : 10in50 : 5Hz

10% in 50 yrs AFE

Ground Motion (g)

Annual Frequency of Exceedance

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2 [UC3/UC2 = 1.02]
NSHMP CA [UC3/NSSHMP = 1.03]

Ground Motion (g)

Summed Weights

Logic Tree Nodes

Mmax=7.9

0.6 0.7 0.8 0.9 1 1.1

Ground Motion (g)

U3 SEIS
ABM
M5+ 6.5
ELL B
FM 3.2
UNIFORM
Mmax=7.9
GEOL
M5+ 7.9
H&B 08
FM 3.1
TAPERED
Mmax=7.3
10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

Log. Tree Nodes

ELL B
M5+ 6.5
ABM
U2 SEIS
UNIFORM
FM 3.2
M5+ 7.9
M5+ 7.3
GEOL
U3 SEIS
TAPERED
FM 3.1
FM 3.2
Mmax=7.9
Mmax=7.3

SW01 (34.30, -117.34) : 10in50 : 5Hz
UCR (33.96, −117.32) : 10in50 : 5Hz

10% in 50 yrs AFE

Annual Frequency of Exceedance

Ground Motion (g)

UCERF3
UCERF2 [UC3/UC2 = 0.93]
NSHMP CA [UC3/NSHMP = 0.92]

Logic Tree GM Distr.

Logic Tree Tornado

Logic Tree Nodes

Summed Weights
Vallejo (38.10, −122.25) : 10in50 : 5Hz

Annual Frequency of Exceedance

10% in 50 yrs AFE

Logic Tree GM Distr.

Logic Tree Tornado

UCERF3
UCERF2 [UC3/UC2 = 1.10]
NSHMP CA [UC3/NSHMP = 1.10]

Ground Motion (g)

Ground Motion (g)

SUMMISED WEIGHTS

Ground Motion (g)

Ground Motion (g)

Logic Tree Nodes

Logic Tree Nodes

Mmax=7.9

Mmax=7.9

FM 3.1

FM 3.1

M5+ 6.5

M5+ 6.5

ULL B SQL

ULL B SQL

FM 3.2

FM 3.2

U2 SEIS

U2 SEIS

TAPERED

TAPERED

Mmax=7.3

Mmax=7.3

GEOL

GEOL

ABM

ABM
Ventura (34.30, -119.30) : 10in50 : 5Hz

10% in 50 yrs AFE

10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}

Ground Motion (g)

Annual Frequency of Exceedance

UCERF3
UCERF2 [UC3/UC2 = 0.90]
NSHMP CA [UC3/NSHMP = 0.92]

Logic Tree GM Distr.

Logic Tree Tornado

Summed Weights

Ground Motion (g)

Logic Tree Nodes

Ground Motion (g)