ACTN (34.46, −118.18) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Logic Tree Tornado

Risk−Targeted Ground Motion (g)
Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3  
UCERF2  [UC3/UC2 = 0.96]
NSHMP CA  [UC3/NSHMP = 0.95]

Logic Tree Tornado

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

Risk–Targeted Ground Motion (g)
Big Sur (36.25, −121.75) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.15]
NSHMP CA [UC3/NSHMP = 1.17]

Logic Tree Tornado

NEOK
M5+ 6.5
U3 SEIS
ELL B
Mmax=7.3
TAPERED
FM 3.2

Risk-Targeted Ground Motion (g)

0.44 0.46 0.48 0.5 0.52 0.54 0.56 0.58 0.6

ABM
M5+ 7.9
U2 SEIS
H&B 08
Mmax=7.9
UNIFORM
FM 3.1
Brawley (33.00, -115.55) : RTGM : 1Hz

Logic Tree Tornado

- NEOK
- M5+ 6.5
- U2 SEIS
- H&B 08
- Mmax=7.9
- FM 3.2
- TAPERED
- ABM
- M5+ 7.9
- U3 SEIS
- ELL B
- Mmax=7.3
- FM 3.1
- UNIFORM
BKBU (34.56, -117.73) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.96]
NSHMP CA [UC3/NSSHMP = 0.95]

Logic Tree Tornado

Risk − Targeted Ground Motion (g)

Logic Tree Nodes

ABM
H&B 08
M5+ 6.5
U3 SEIS
FM 3.2
Mmax=7.9
TAPERED

GEOL
ELL B
M5+ 7.9
U2 SEIS
FM 3.1
Mmax=7.3
UNIFORM

Risk−Targeted Ground Motion (g)
Carson City (39.15, -119.75) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Logic Tree Tornado

- ZENGBB
- SHAW CSD
- M5+ 6.5
- U3 SEIS
- Mmax=7.3
- UNIFORM
- FM 3.1

Logic Tree Nodes

- ABM
- ELL B
- M5+ 7.9
- U2 SEIS
- Mmax=7.9
- TAPERED
- FM 3.2
Brookings (42.05, −124.25) : RTGM : 1Hz

Summed Weights

Logic Tree Ground Motion Distr. (g)

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

Logic Tree Nodes

- Mmax=7.9
- Mmax=7.6
- FM 3.1
- ABM
- UNIFORM
- U3 SEIS
- ELL B

UCERF3
UCERF2 [UC3/UC2 = 0.98]
NSHMP CA [UC3/NSHMP = 1.80]
Coalinga (36.15, −120.40) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

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

Logic Tree Tornado

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

Risk–Targeted Ground Motion (g)
Cucamonga (34.20, −117.55) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3

UCERF2

[UC3/UC2 = 0.65]

NSHMP CA

[UC3/NSHMP = 0.64]

Logic Tree Tornado

Risk

Targeted Ground Motion (g)

H&B 08

ELL B

NEOK

ABM

M5+ 6.5

M5+ 7.9

U2 SEIS

U3 SEIS

Mmax=7.9

Mmax=7.3

TAPERED

UNIFORM

FM 3.2

FM 3.1

Logic Tree Nodes

Risk–Targeted Ground Motion (g)
Concord (37.95, -122.00) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

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

Logic Tree Tornado

Risk - Targeted Ground Motion (g)

Logic Tree Nodes

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

ABM
M5+ 7.9
H&B 08
UNIFORM
Mmax=7.3
FM 3.2
U2 SEIS

Concord (37.95, -122.00) : RTGM : 1Hz
Death Valley (36.35, -116.85) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.60]
NSHMP CA [UC3/NSHMP = 0.62]

Logic Tree Tornado

Risk - Targeted Ground Motion (g)

Logic Tree Nodes

FM 3.1
Mmax=7.9
TAPERED
U2 SEIS
M5+ 6.5
SHAW 09m
ABM
GEOL
ELL B
U3 SEIS
UNIFORM
Mmax=7.3
FM 3.2

Death Valley (36.35, -116.85) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.60]
NSHMP CA [UC3/NSHMP = 0.62]

Logic Tree Tornado

Risk - Targeted Ground Motion (g)

Logic Tree Nodes

FM 3.1
Mmax=7.9
TAPERED
U2 SEIS
M5+ 6.5
SHAW 09m
ABM
GEOL
ELL B
U3 SEIS
UNIFORM
Mmax=7.3
FM 3.2
Diablo Canyon (35.20, −120.85) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.87]
NSHMP CA [UC3/NSSHMP = 0.88]

Logic Tree Tornado

Logic Tree Nodes

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

Risk–Targeted Ground Motion (g)

GEOL
M5+ 7.9
H&B 08
FM 3.2
TAPERED
Mmax=7.3
U2 SEIS
Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3 [UC3/UC2 = 1.05]
UCERF2
NSHMP CA [UC3/NHMP = 1.08]

Logic Tree Tornado

Risk − Targeted Ground Motion (g)

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

Eureka (40.80, −124.20) : RTGM : 1Hz
GLBT (33.96, -117.38) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.91]
NSHMP CA [UC3/NSHMP = 0.90]

Logic Tree Tornado

Risk − Targeted Ground Motion (g)

Logic Tree Nodes

Mmax=7.9
FM 3.1
U2 SEIS
NEOK
H&B 08

Logic Tree Tornado

ELL B
U3 SEIS
ABM
M5+ 7.9
TAPERED
FM 3.2
Mmax=7.6

GLBT (33.96, -117.38) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.91]
NSHMP CA [UC3/NSHMP = 0.90]

Logic Tree Tornado

Risk − Targeted Ground Motion (g)

Logic Tree Nodes

Mmax=7.9
FM 3.1
U2 SEIS
NEOK
H&B 08

Logic Tree Tornado

ELL B
U3 SEIS
ABM
M5+ 7.9
TAPERED
FM 3.2
Mmax=7.6
GOPH (33.90, −117.36) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.92]
NSHMP CA [UC3/NSHMP = 0.91]

Logic Tree Tornado

H&B 08
M5+ 6.5
NEOK
U2 SEIS
TAPERED
FM 3.1
Mmax=7.6

ELL B
M5+ 7.9
ABM
U3 SEIS
UNIFORM
FM 3.2
Mmax=7.9

Risk–Targeted Ground Motion (g)
GV03 (34.28, -117.23) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2
[UC3/UC2 = 0.69]
NSHMP CA
[UC3/NSHMP = 0.68]

Logic Tree Tornado

Risk
Targeted Ground Motion (g)

TAPERED
UNIFORM

Logic Tree Nodes

Mmax=7.9
FM 3.2
U3 SEIS
ABM
SHAW CSD
M5+ 7.9
ELL B
U2 SEIS
ZENGBB
FM 3.1
Mmax=6.5
Mmax=7.9

Risk–Targeted Ground Motion (g)
LMAT (33.79, -117.40) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights
- UCERF3
- UCERF2 [UC3/UC2 = 1.03]
- NSHMP CA [UC3/NSHMP = 1.01]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

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

LMAT (33.79, -117.40) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights
- UCERF3
- UCERF2 [UC3/UC2 = 1.03]
- NSHMP CA [UC3/NSHMP = 1.01]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

Logic Tree Nodes
- H&B 08
- NEOK
- M5+ 6.5
- U2 SEIS
- TAPERED
- Mmax=7.9
- NEOK
- ABM
- M5+ 7.9
- U3 SEIS
- UNIFORM
- Mmax=7.3
- FM 3.2
- FM 3.1
LIBUT2 (34.59, -117.81) : RTGM : 1Hz

Summed Weights

UCERF3 [UC3/UC2 = 0.97]
UCERF2
NSHMP CA [UC3/NSHMP = 0.95]
Los Angeles (34.05, −118.25) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3

UCERF2 [UC3/UC2 = 0.93]

NSHMP CA [UC3/NSHMP = 0.93]

Logic Tree Tornado

Logic Tree Nodes

FM 3.1

Mmax=7.6

TAPERED

ABM

ELL B

U2 SEIS

U3 SEIS

M5+ 6.5

M5+ 7.9

H&B 08

GEOL

UNIFORM

Mmax=7.9

FM 3.2

Risk–Targeted Ground Motion (g)
Long Beach (33.80, -118.20) : RTGM : 1Hz

Logic Tree Nodes

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

Logic Tree Ground Motion Distr. (g)

- UCERF3
- UCERF2 [UC3/UC2 = 1.07]
- NSHMP CA [UC3/NSHMP = 1.07]

Risk-Targeted Ground Motion (g)

Long Beach (33.80, -118.20) : RTGM : 1Hz

Logic Tree Tornado

- M5+ 7.9
- ABM
- U3 SEIS
- ELL B
- Mmax=7.3
- UNIFORM
- FM 3.1
Malibu West (34.05, -118.95) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2  [UC3/UC2 = 0.77]
NSHMP CA  [UC3/NSHMP = 0.78]

Logic Tree Tornado

GEOL
U2 SEIS
M5+ 6.5
SHAW 09m
FM 3.2
TAPERED
Mmax=7.6

Risk–Targeted Ground Motion (g)

Malibu West (34.05, -118.95) : RTGM : 1Hz

Logic Tree Tornado

GEOL
U2 SEIS
M5+ 6.5
SHAW 09m
FM 3.2
TAPERED
Mmax=7.6

Risk–Targeted Ground Motion (g)
MKBD (33.88, -117.39) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

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

Logic Tree Tornado

Risk

Targeted Ground Motion (g)

Logic Tree Nodes

FM 3.2
TAPERED
U2 SEIS
Mmax=7.3
NEOK
M5+ 6.5

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

H&B 08

MKBD (33.88, -117.39) : RTGM : 1Hz
Morgan Hill (37.15, −121.65) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

- UCERF3
- UCERF2 [UC3/UC2 = 1.04]
- NSHMP CA [UC3/NSHMP = 1.03]

Logic Tree Tornado

- NEOK
- SHAW 09m
- M5+ 6.5
- UNIFORM
- Mmax=7.9
- U3 SEIS
- FM 3.2
- ABM
- ELL B
- M5+ 7.9
- TAPERED
- Mmax=7.3
- U2 SEIS
- FM 3.1

Risk–Targeted Ground Motion (g)
MRVY (33.93, −117.17) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Logic Tree Tornado

- NEOK
- H&B 08
- TAPERED
- M5+ 6.5
- U2 SEIS
- Mmax=7.9
- FM 3.1
- ABM
- ELL B
- UNIFORM
- M5+ 7.9
- U3 SEIS
- Mmax=7.6
- FM 3.2

Summed Weights

UCERF3
UCERF2
[UC3/UC2 = 0.76]
NSHMP CA
[UC3/NSHMP = 0.75]
Northridge (34.20, −118.55) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.08]
NSHMP CA [UC3/NSHMP = 1.09]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

M5+ 6.5
U2 SEIS
H&B 08
FM 3.1
TAPERED
ABM
Mmax=7.9

M5+ 7.9
U3 SEIS
ELL B
FM 3.2
UNIFORM
NEOK
Mmax=7.3

Risk−Targeted Ground Motion (g)
Oakland (37.80, −122.25) : RTGM : 1Hz

Logic Tree Tornado

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

H&B 08
ABM
M5+ 7.9
UNIFORM
Mmax=7.3
FM 3.2
U3 SEIS

Logic Tree Ground Motion Distr. (g)
Summed Weights

UCERF3
UCERF2
[UC3/UC2 = 0.84]
NSHMP CA
[UC3/NSHMP = 0.83]
Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3 [UC3/UC2 = 0.92]
UCERF2
NSHMP CA [UC3/NSHMP = 0.88]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

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

Palm Springs (33.85, −116.55) : RTGM : 1Hz
PBWL (34.41, -117.86) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights
UCERF3
UCERF2 [UC3/UC2 = 0.98]
NSHMP CA [UC3/NSHMP = 0.96]

Logic Tree Tornado

Risk
Targeted Ground Motion (g)

Logic Tree Nodes
FM 3.1
Mmax=7.9
ELL B
M5+ 6.5
U2 SEIS
TAPERED
Mmax=7.9
FM 3.1

Logic Tree Nodes
ABM
GEOL
ELL B
SHAW CSD
M5+ 6.5
M5+ 7.9
U2 SEIS
U3 SEIS
TAPERED
UNIFORM
Mmax=7.9
FM 3.2

Risk–Targeted Ground Motion (g)
PEDLEY1 (33.99, −117.46) : RTGM : 1Hz

Logic Tree Ground Motion Distribution (g)

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

Logic Tree Tornado

Logic Tree Nodes
- H&B 08
- NEOK
- M5+ 6.5
- U2 SEIS
- TAPERED
- Mmax=7.9
- FM 3.2
- ELL B
- ABM
- M5+ 7.9
- U3 SEIS
- UNIFORM
- Mmax=7.3
- FM 3.1
Logic Tree Ground Motion Distr. (g)

- UCERF3
- UCERF2 \[\text{UC3/UC2} = 0.89\]
- NSHMP CA \[\text{UC3/NSSHMP} = 0.89\]

Logic Tree Tornado

- H&B 08
- NEOK
- M5+ 6.5
- TAPERED
- Mmax=7.3
- U3 SEIS
- FM 3.2

Logic Tree Nodes

- ELL B
- ABM
- M5+ 7.9
- UNIFORM
- Mmax=7.9
- U2 SEIS
- FM 3.1
PERRM (33.80, -117.25) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.89]
NSHMP CA [UC3/NSHMP = 0.89]

Logic Tree Tornado

NEOK
H&B 08
M5+ 6.5
TAPERED
Mmax=7.3
FM 3.2
U2 SEIS

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

Logic Tree Nodes

Risk–Targeted Ground Motion (g)
PIBU (34.65, −117.85) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.97]
NSHMP CA [UC3/NSHMP = 0.95]

Logic Tree Tornado

Risk

Targeted Ground Motion (g)

Logic Tree Nodes

Mmax=7.9

M5+ 6.5

TAPERED

U2 SEIS

FM 3.1

PIBU (34.65, −117.85) : RTGM : 1Hz

GEOL

ELL B

M5+ 7.9

UNIFORM

U3 SEIS

FM 3.2

Mmax=7.3
Reno (39.55, -119.80) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.68]
NSHMP CA [UC3/NSHMP = 0.89]

Logic Tree Tornado

Risk - Targeted Ground Motion (g)

Logic Tree Nodes

FM 3.2
TAPERED
U3 SEIS
SHAW CSD
ZENGBB
Mmax=7.9
Mmax=7.3
M5+ 6.5

Risk - Targeted Ground Motion (g)

0.26 0.27 0.28 0.29 0.3 0.31 0.32 0.33 0.34
Redding (40.60, -122.40) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.50]
NSHMP CA [UC3/NSHMP = 1.55]

Logic Tree Tornado

Risk − Targeted Ground Motion (g)

Logic Tree Nodes

TAPERED
UNIFORM
FM 3.2
Mmax=7.3
ELL B
GEOL

Mmax=7.9
M5+ 7.9

U2 SEIS
U3 SEIS

ABM
H&B 08

U2 SEIS
U3 SEIS

Redding (40.60, -122.40) : RTGM : 1Hz
Riverside (33.95, -117.40): RTGM: 1Hz

Logic Tree Ground Motion Distr. (g)

- UCERF3
- UCERF2 [UC3/UC2 = 0.92]
- NSHMP CA [UC3/NSHMP = 0.91]

Logic Tree Tornado

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

Risk–Targeted Ground Motion (g)
Sacramento (38.60, -121.50) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

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

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

Logic Tree Nodes

M5+ 6.5
NEOK
U3 SEIS
Mmax=7.3
SHAW 09m
TAPERED
FM 3.2

M5+ 7.9
ABM
U2 SEIS
Mmax=7.9
ELL B
UNIFORM
FM 3.1
San Bernardino (34.10, -117.30) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.85]
NSHMP CA [UC3/NSHMP = 0.83]

Logic Tree Nodes

TAPERED
UNIFORM
Mmax=7.9
FM 3.1
FM 3.2
NEOK
ABM
U2 SEIS
U3 SEIS
H&B 08
ELL B
M5+ 6.5
M5+ 7.9
M5+ 6.5
M5+ 7.9
Mmax=7.3
San Diego (32.70, −117.15) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.11]
NSHMP CA [UC3/NSHMP = 1.12]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

UNIFORM
FM 3.2
M5+ 6.5
NEOK
ELL B SQL
FM 3.1
M5+ 7.9
TAPERED
Mmax=7.3
U3 SEIS
U2 SEIS
ABM
ELL B
San Francisco (37.75, −122.40) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.91]
NSHMP CA [UC3/NSHMP = 0.90]

Logic Tree Tornado

Logic Tree Nodes

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

Risk–Targeted Ground Motion (g)
San Jose (37.35, -121.90) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.10]
NSHMP CA [UC3/NSHMP = 1.09]

Logic Tree Tornado

ELL B
NEOK
M5+ 6.5
FM 3.2
U3 SEIS
UNIFORM
Mmax=7.9

Risk–Targeted Ground Motion (g)

H&B 08
ABM
M5+ 7.9
FM 3.1
U2 SEIS
TAPERED
Mmax=7.6
San Luis Obispo (35.30, −120.65) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

UCERF3
UCERF2 [UC3/UC2 = 1.04]
NSHMP CA [UC3/NSHMP = 1.04]

Logic Tree Tornado

ABM
M5+ 6.5
SHAW 09m
U2 SEIS
Mmax=7.3
FM 3.2
UNIFORM

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

Risk–Targeted Ground Motion (g)
San Mateo (37.55, -122.30) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.96]
NSHMP CA [UC3/NSHMP = 0.95]

Logic Tree Tornado

SHAW 09m
ABM
M5+ 7.9
U3 SEIS
FM 3.1
Mmax=7.9
UNIFORM
ELL B
GEOL
M5+ 9.6
U2 SEIS
FM 3.2
Mmax=7.3
TAPERED

Risk–Targeted Ground Motion (g)
San Onofre (33.40, -117.55) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

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

Logic Tree Tornado

NEOK
M5+ 6.5
SHAW 09m
TAPERED
FM 3.2
U2 SEIS
Mmax=7.3
ABM
M5+ 7.9
ELL B
UNIFORM
FM 3.1
U3 SEIS
Mmax=7.9

Risk–Targeted Ground Motion (g)
Santa Barbara (34.45, -119.70) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.87]
NSHMP CA [UC3/NSHMP = 0.89]

Logic Tree Tornado

M5+ 6.5
GEOL
SHAW CSD
TAPERED
FM 3.1
Mmax=7.9
U2 SEIS

M5+ 7.9
ABM
ELL B
UNIFORM
FM 3.2
Mmax=7.3
U3 SEIS

Risk–Targeted Ground Motion (g)
Santa Cruz (36.95, −122.05) : RTGM : 1Hz

Logic Tree Tornado

- ABM
- ELL B
- M5+ 6.5
- U3 SEIS
- FM 3.2
- Mmax=7.9
- UNIFORM

Logic Tree Nodes

- GEOL
- ELL B SQL
- M5+ 7.9
- U2 SEIS
- FM 3.1
- Mmax=7.3
- TAPERED

Summed Weights
- UCERF3
- UCERF2 [UC3/UC2 = 1.05]
- NSHMP CA [UC3/NSHMP = 1.05]
Santa Rosa (38.45, –122.70) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

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

Logic Tree Tornado

Risk
−
Targeted Ground Motion (g)

Logic Tree Nodes
Mmax=7.6
FM 3.1
U3 SEIS
UNIFORM
M5+ 6.5
NEOK
SHAW CSD
ELL B
ABM
M5+ 7.9
TAPERED
U2 SEIS
FM 3.2
Mmax=7.9

Risk–Targeted Ground Motion (g)
UCR (33.96, -117.32) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.87]
NSHMP CA [UC3/NSHMP = 0.86]

Logic Tree Tornado

Risk - Targeted Ground Motion (g)

Logic Tree Nodes

Mmax=7.6
FM 3.1
UNIFORM
M5+ 6.5
NEOK
U2 SEIS
H&B 08
ELL B
TAPERED
ABM
M5+ 7.9
U3 SEIS
FM 3.2
Mmax=7.9
Vallejo (38.10, -122.25) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 1.17]
NSHMP CA [UC3/NSHMP = 1.16]

Logic Tree Tornado

Risk−Targeted Ground Motion (g)

Logic Tree Nodes

GEOL
ELL B
M5+ 6.5
U3 SEIS
FM 3.2
Mmax=7.9
TAPERED

ABM
H&B 08
M5+ 7.9
U2 SEIS
FM 3.1
Mmax=7.3
UNIFORM

Vallejo (38.10, -122.25) : RTGM : 1Hz
Ventura (34.30, −119.30) : RTGM : 1Hz

Logic Tree Ground Motion Distr. (g)

Summed Weights

UCERF3
UCERF2 [UC3/UC2 = 0.91]
NSHMP CA [UC3/NSHMP = 0.92]

Logic Tree Tornado

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

Risk–Targeted Ground Motion (g)