Redding (40.60, −122.40) : 5Hz

Annual Frequency of Exceedance vs Ground Motion (g)

10% in 50 yrs AFE

2% in 50 yrs AFE

UCERF3 Mean, below [2%in50, 10%in50]
Fault   [1% , 2%]
BG   [99% , 98%]
UCERF2 Mean, below [2%in50, 10%in50]
Fault   [11% , 25%]
BG   [89% , 75%]