Probability of earthquake with $M \geq 5.0$ within 50 years & 50 km

U.S. Geological Survey PSHA Model

Site: RENO NV

Earthquake probabilities from USGS 2002 PSHA, 50 km maximum horizontal distance. Site of interest: triangle. Fault traces are white; rivers blue. Epicenters $M \leq 6.0$ circles.