

Huntington Beach Earthquake Simulation

The magnitude 7.8 scenario earthquake ruptures 186 miles (300 km) of the San Andreas fault from Bombay Beach at the edge of the Salton Sea in the south to Lake Hughes northwest of Palmdale in the north. The final slip (offset across the fault) ranges from 6-23 ft (2-7 m). The colors in the movies indicate the peak intensity of the shaking up to the current time at each location. See Explanation of Colors for a more detailed description of the color scheme.

Huntington Beach Simulation

https://escweb.wr.usgs.gov/content/learn/topics/shakingsimulations/shakeout/ShakeOut_HuntingtonBeach_hd.mp4

Shakeout Simulations Page

<https://earthquake.usgs.gov/education/shakingsimulations/shakeout/>