

Modified Mercalli Intensity Scale

| CIIM Intensity | People's Reaction | Furnishings | Built Environment | Natural Environment |
|----------------|--|--|---|---|
| I | Not felt | | | Changes in level and clarity of well water are occasionally associated with great earthquakes at distances beyond which the earthquakes felt by people. |
| II | Felt by a few. | Delicately suspended objects may swing. | | |
| III | Felt by several; vibration like passing of truck. | Hanging objects may swing appreciably. | | |
| IV | Felt by many; sensation like heavy body striking building. | Dishes rattle. | Walls creak; window rattle. | |
| V | Felt by nearly all; frightens a few. | Pictures swing out of place; small objects move; a few objects fall from shelves within the community. | A few instances of cracked plaster and cracked windows within the community. | Trees and bushes shaken noticeably. |
| VI | Frightens many; people move unsteadily. | Many objects fall from shelves. | A few instances of fallen plaster, broken windows, and damaged chimneys within the community. | Some fall of tree limbs and tops, isolated rockfalls and landslides, and isolated liquefaction. |
| VII | Frightens most; some lose balance. | Heavy furniture overturned. | Damage negligible in buildings of good design and construction, but considerable in some poorly built or badly designed structures; weak chimneys broken at roof line, fall of unbraced parapets. | Tree damage, rockfalls, landslides, and liquefaction are more severe and widespread with increasing intensity. |
| VIII | Many find it difficult to stand. | Very heavy furniture moves conspicuously. | Damage slight in buildings designed to be earthquake resistant, but severe in some poorly built structures. Widespread fall of chimneys and monuments. | |
| IX | Some forcibly thrown to the ground. | | Damage considerable in some buildings designed to be earthquake resistant; buildings shift off foundations if not bolted to them. | |
| X | | | Most ordinary masonry structures collapse; damage moderate to severe in many buildings designed to be earthquake resistant. | |

