

<b>Mercalli Intensity Value</b>	<b>Modified Mercalli Intensity Scale Description</b>	<b>Peak Ground Acceleration (% g)</b>
<b>I. Instrumental</b>	Not felt except by a very few under especially favorable conditions.	< 0.017
<b>II. Feeble</b>	Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.	0.017 – 1.4
<b>III. Slight</b>	Felt quite noticeably by persons indoors, especially on the upper floors of buildings. Many do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibration similar to the passing of a truck. Duration estimated.	0.017 – 1.4
<b>IV. Moderate</b>	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably. Dishes and windows rattle alarmingly.	1.4 – 3.9
<b>V. Rather Strong</b>	Felt by nearly everyone; many awakened. Some dishes and windows broken. Unstable objects overturned. Clocks may stop.	3.9 – 9.2
<b>VI. Strong</b>	Felt by all; many frightened and run outdoors, walk unsteadily. Windows, dishes, glassware broken; books off shelves; some heavy furniture moved or overturned; a few instances of fallen plaster. Damage slight.	9.2 - 18
<b>VII. Very Strong</b>	Difficult to stand; furniture broken; damage negligible in building of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken. Noticed by persons driving motor cars.	18 – 34
<b>VIII. Destructive</b>	Damage slight in specially designed structures; considerable in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture moved.	34- 65
<b>IX. Ruinous</b>	General panic; damage considerable in specially designed structures, well designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.	65 – 124
<b>X. Disastrous</b>	Some well built wooden structures destroyed; most masonry and frame structures destroyed with foundation. Rails bent.	> 124
<b>XI. Very Disastrous</b>	Few, if any masonry structures remain standing. Bridges destroyed. Rails bent greatly.	
<b>XII. Catastrophic</b>	Total damage - Almost everything is destroyed. Lines of sight and level distorted. Objects thrown into the air. The ground moves in waves or ripples. Large amounts of rock may move.	