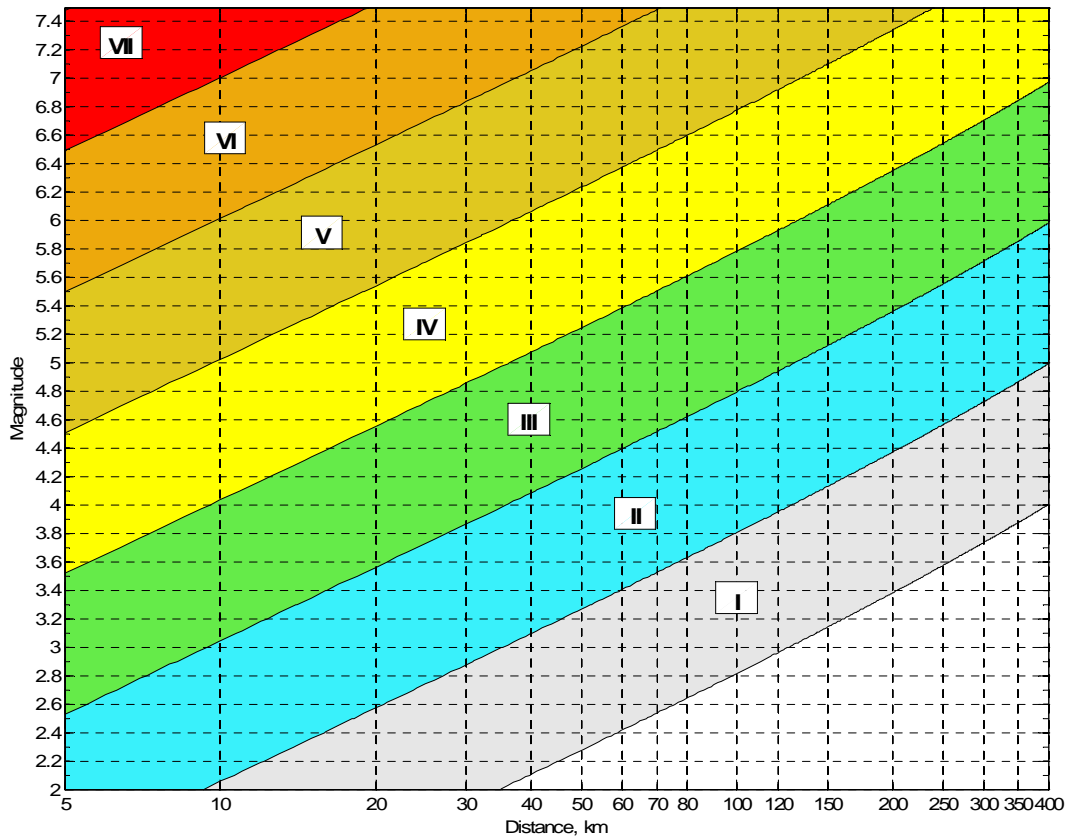


## Modified Mercalli Intensity Scale



Intensity	Level	Summary	Full Description
<b>I</b>		Not felt	
<b>II</b>		Felt by few	Felt only by a few persons at rest, especially on upper floors of buildings.
<b>III</b>		Felt indoors	Hanging objects swing. Vibration like passing of light trucks. May not be recognized as an earthquake.
<b>IV</b>		Dishes rattle	Dishes, windows, doors rattle; walls make cracking sound. At night, some awakened. Vibration like passing of heavy trucks.
<b>V</b>	Light	Pictures move	Liquids disturbed, some spilled. Doors swing, close, open. Pictures move. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
<b>VI</b>	Moderate	Objects fall	Furniture moved or overturned. Many frightened and run outdoors. Persons walk unsteadily. Windows, dishes, glassware broken. Weak plaster and masonry cracked.
<b>VII</b>	Strong	Nonstructural damage	Difficult to stand. Furniture broken. Weak chimneys broken. Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures.
<b>VIII</b>	Very Strong	Moderate damage	Heavy furniture overturned. Twisting, fall of chimneys, monuments, towers. Branches broken from trees. Changes in flow or temperature of springs and wells. Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures.

### Determination of hypocentral distance

Epic. Dist, km	Depth, km								
	10	20	30	40	50	75	100	150	200
10	14	22	32	41	51	76	100	150	200
20	22	28	36	45	54	78	102	151	201
30	32	36	42	50	58	81	104	153	202
40	41	45	50	57	64	85	108	155	204
50	51	54	58	64	71	90	112	158	206
60	61	63	67	72	78	96	117	162	209
70	71	73	76	81	86	103	122	166	212
80	81	82	85	89	94	110	128	170	215
90	91	92	95	98	103	117	135	175	219
100	100	102	104	108	112	125	141	180	224
125	125	127	129	131	135	146	160	195	236
150	150	151	153	155	158	168	180	212	250
200	200	201	202	204	206	214	224	250	283
250	250	251	252	253	255	261	269	292	320
300	300	301	301	303	304	309	316	335	361
350	350	351	351	352	354	358	364	381	403
400	400	400	401	402	403	407	412	427	447