

According to Vulnerability Atlas of India, made by Building Material and Technology Promotion Council, Level of Damage of Risk in Haryana is shown in below Table:-

Level of Risk under								
EQ Zone				Wind velocity m/s				Flood prone area in %
V	IV	III	II	55 & 50	47	44 & 39	33	
Area in %				Area in %				
	54.2	34.3	11.5		100			30.6

Risk Level	Extent of damage
Damage risk level for earthquake	
High Damage Risk (H)	Gaps in walls; parts of buildings may collapse; separate parts of the building lose their cohesion; and inner walls collapse
Moderate Damage Risk (M)	Large and deep cracks on walls fall of chimneys on roofs.
Low damage Risk (L)	Small Cracks in walls; fall of fairly large pieces of plaster, pantiles slip off; cracks in chimneys, part may fall down.
Damage Risk levels for Wind Storms	
Very High Damage Risk (VH)	Generally similar to: High Risk” but damage is expected to be more widespread as in the case of cyclonic storms.
High Damage Risk (H)	Boundary walls overturn, walls in house and industrial structures fail; roofing sheets, and tiles or whole roofs fly; large scale destruction of life-line structures such as lighting and telephone poles, a few transmission line towers/communication towers <i>may</i> suffer damage; and non engineered/ semi constructions suffer heavy damage.
Moderate Damage Risk (M)	Loose tiles of clay fly, roofs sheets fixed to battens fly; moderate damage to telephone and lighting poles; moderate damage to non-engineered/semi-engineered buildings.
Very Low damage Risk (VL)	Loose metal or fibre cement sheets fly; a few lighting and telephone poles go out of alignment; sign boards hoardings partially damaged; well detailed non-engineered/semi-engineered buildings suffer very little damage.
Damage Risk levels for Flood	
Very High Damage Risk (VH)	Total collapse of buildings; roof and some walls collapse; floating away of sheets, thatch etc; erosion of foundation; severe damage to life line structures and systems.
High Damage Risk (H)	Gaps in wall; punching of holes through wall by flowing water; parts of buildings may collapse; light roofs float away; erosion of foundation, sinking or tilting; undercutting of floors, partial roof collapse.
Moderate Damage Risk (M)	Large and deep cracks in walls; loss of belongings; damage to electric fittings.
Low damage Risk (L)	Small cracks in walls; fall of fairly large pieces of plaster
Very Low damage Risk (VL)	Fine cracks in plaster; fall of small pieces of plaster.

Note: -1. Flood prone area includes that protected area which may have more severe damage under failure of protection works. In some other areas the local damage may be severe under heavy rains and choked drainage.