

7. MASONRY APARTMENTS OR MOTELS (MAMB)

Typical Construction

- Less than or equal to four stories
- Facility made up of one or more multi-story, rectangular units
- Flat, gable, hip or mansard roof
- Asphalt shingles, tile, slate or BUR roof
- Light steel or hollow-core concrete roof framing
- Pre-cast hollow-core concrete floor system
- CMU non-bearing walls
- CMU load-bearing walls
- Stucco, EIFS, or brick veneer wall cladding
- Exterior walkways or balconies

Table 7

DOD*	Damage description	EXP	LB	UB
1	No visible damage	65	54	81
2	Loss of roof covering (<20%)	80	67	101
3	Uplift of lightweight metal roof decking	95	81	116
4	Uplift of pre-cast concrete roof decking	121	103	143
5	Collapse of top story walls	133	115	150
6	Collapse of top two floors of three or more stories	156	132	180
7	Total destruction of building	180	160	205

* DOD is degree of damage

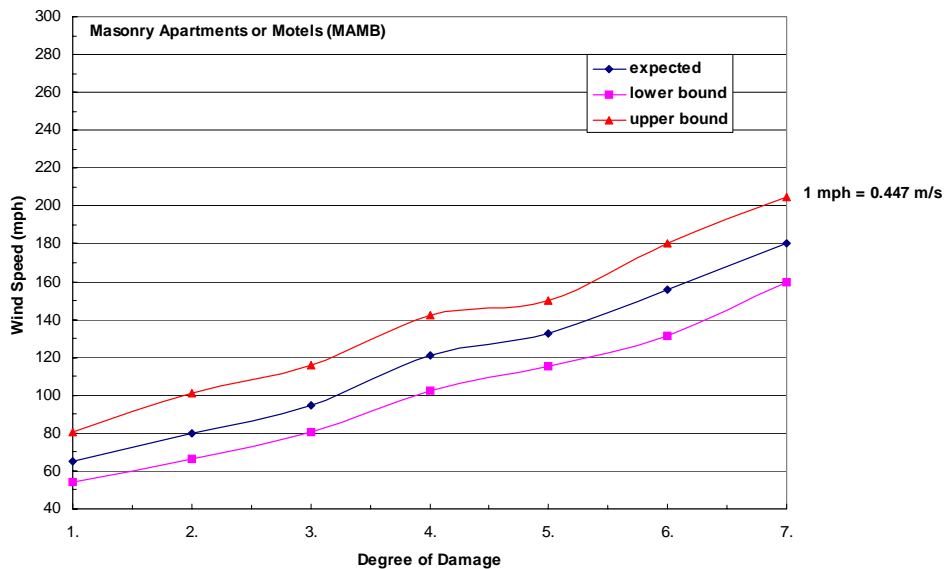


Figure 7. Wind Speed vs. Degree of Damage