

## 10. STRIP MALL (SM)

### Typical Construction

- Large, rectangular single-story building with large surrounding parking lots
- Flat roof with parapet wall
- Built-up roofing or single-ply roof membrane with rigid insulation
- Wood or metal deck, wood-fiber cement panels
- Light-frame steel roof support with steel joists or joist girders
- Brick or concrete block wall construction
- Large window glass and glass entry doors
- Covered walkway attached to building

Table 10

DOD*	Damage description	EXP	LB	UB
1	No visible damage	65	54	81
2	Uplift of roof covering at eaves and roof corners ( $\leq 20\%$ )	80	66	100
3	Uplift of roof decking	88	72	105
4	Broken windows and door glass	101	84	122
5	Collapsed façade or parapet walls	103	85	125
6	Covered walkways uplifted or collapsed	103	86	125
7	Uplift or collapse of roof structure	122	103	143
8	Exterior unreinforced masonry walls collapse	140	117	165
9	Total destruction of entire building	171	147	198

\* DOD is degree of damage

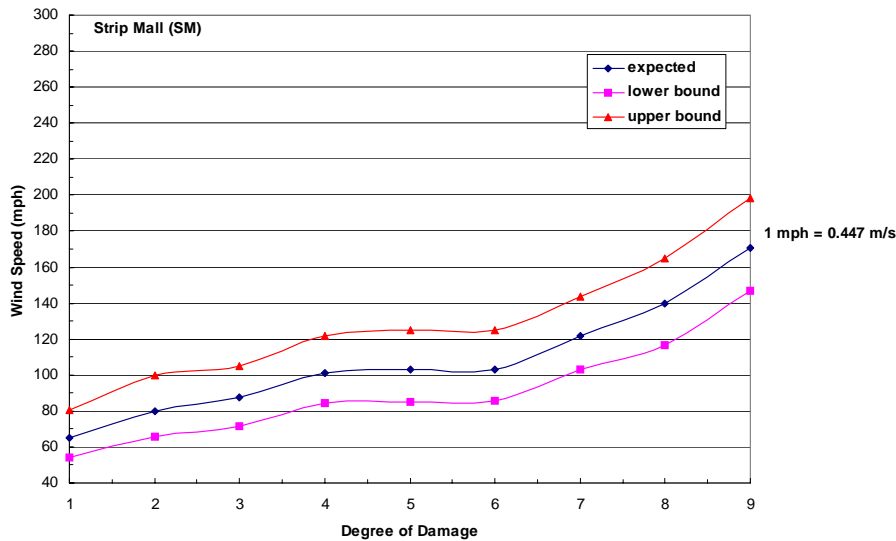


Figure 10. Wind Speed vs. Degree of Damage