

5. APARTMENTS, CONDOMINIUMS AND TOWNHOUSES (ACT) (Three stories or less)

Typical Construction

- Flat, gable, hip or mansard roof
- Asphalt shingles, tile, metal or BUR roof covering
- Plywood/OSB roof decking
- Light-framed wood or metal roof trusses
- Wood, metal or vinyl panels, stucco brick veneer or EIFS wall covering; combinations of wall coverings
- Wood or metal stud walls
- Wood floor diaphragms
- Sliding patio doors; balconies

Table 5

| DOD* | Damage description | EXP | LB | UB |
|------|--|-----|-----|-----|
| 1 | No visible damage | 76 | 63 | 95 |
| 2 | Loss of roof covering (<20%) | 99 | 82 | 121 |
| 3 | Uplift of roof decking; significant loss of roof covering (>20%) | 124 | 107 | 146 |
| 4 | Uplift or collapse of roof structure leaving most walls standing | 138 | 120 | 158 |
| 5 | Most top floor walls collapsed | 158 | 138 | 184 |
| 6 | Almost total destruction of top two floors | 180 | 155 | 205 |

* DOD is degree of damage

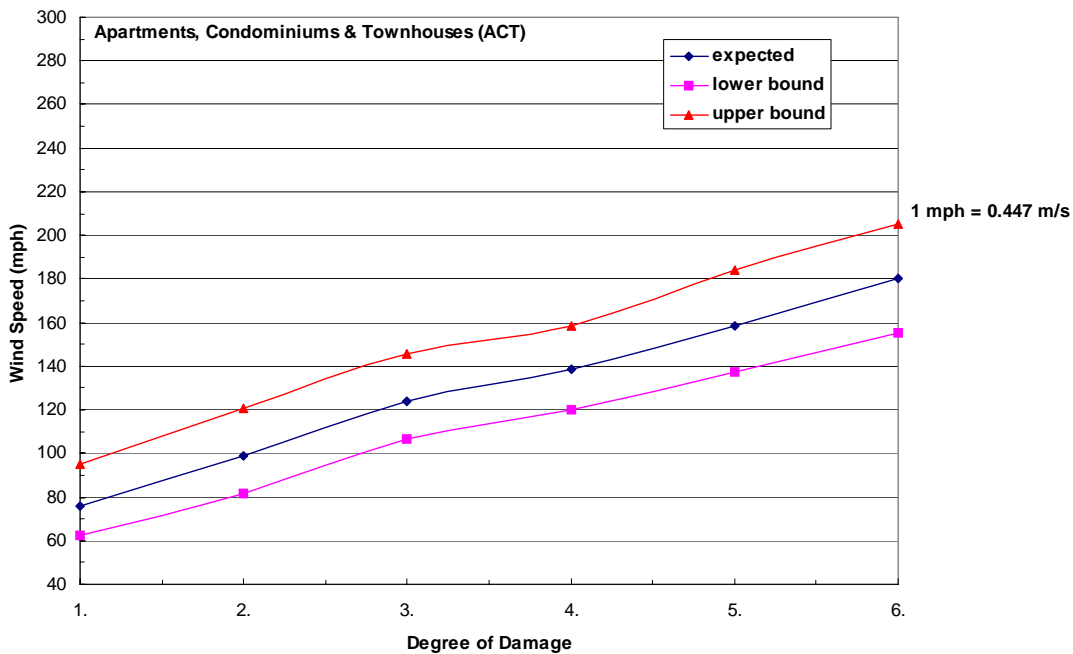


Figure 5. Wind Speed vs. Degree of Damage