

2. ONE-AND TWO-FAMILY RESIDENCES (FR12) (1000 – 5000 sq. ft.)

Typical Construction

- Asphalt shingles, tile, slate or metal roof covering
- Flat, gable, hip, mansard or mono-sloped roof or combinations thereof
- Plywood/OSB roof deck or wood planks
- Prefabricated wood trusses or wood joist and rafter construction
- Brick veneer, wood panels, stucco, EIFS, vinyl or metal siding
- Wood or metal stud walls, concrete blocks or insulating-concrete panels
- Attached single or double garage

Table 2

DOD*	Damage description	EXP	LB	UB
1	No visible damage	65	53	80
2	Loss of roofing material (< 20%), gutters and/or awning; loss of vinyl or metal siding	79	63	97
3	All interior walls of first floor collapsed	96	79	114
4	Broken door or window frames	97	81	116
5	Entire house shifts off foundation	121	103	141
6	Uplift of roof deck and loss of significant roof covering material (>20%);collapse of chimney; garage doors collapse inward; broken windows; failure of porch or carport	122	104	142
7	Large sections of roof structure removed; most walls remain standing	132	113	153
8	Most walls collapsed at first floor, except at intersections of small interior rooms	148	128	173
9	First floor or second floor exterior walls collapsed	152	127	178
10	All interior walls at 2 nd floor collapsed	170	142	198

* DOD is degree of damage

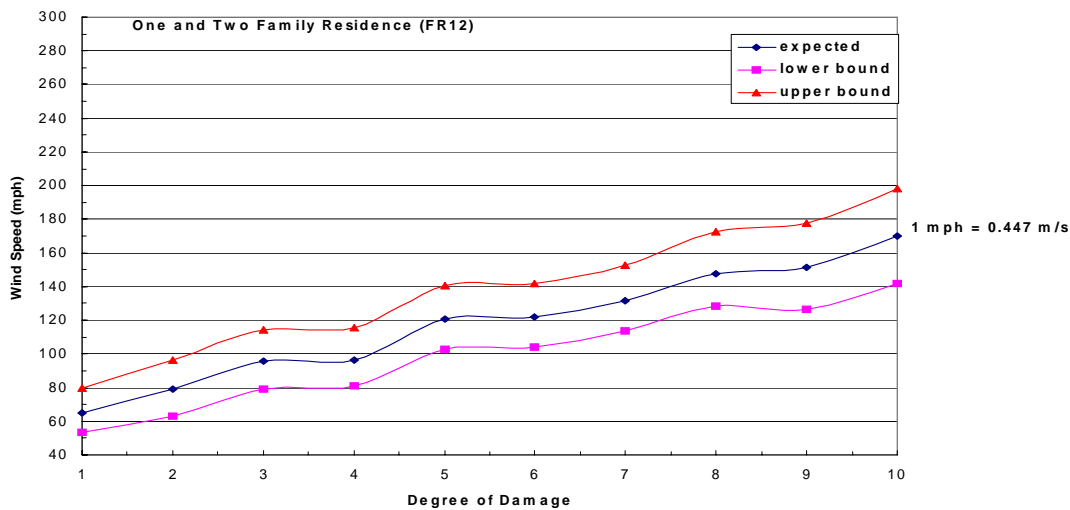


Figure 2. Wind Speed vs. Degree of Damage