

4. MANUFACTURED HOME – DOUBLE WIDE (MHDW)

Typical Construction

- Steel undercarriage supported on concrete block piers
- Multi-unit connection at roof, floor and end walls
- Frame straps and ground anchors spaced at 10 – 12 ft apart
- Flat, gable or hip roof shape
- Asphalt shingles or metal roof panels
- Plywood/OSB roof decking
- Wood rafter or shallow joist construction
- Metal, vinyl or wood siding

Table 4

DOD*	Damage description	EXP	LB	UB
1	No visible damage	61	51	76
2	Loss of shingles or other roofing material (<20%)	76	62	88
3	Broken windows	78	67	96
4	Complete uplift of roof; most walls remain standing	83	68	95
5	Damaged porch or carport	88	75	108
6	Uplift of roof deck and loss of significant roof covering material (>20%)	93	77	110
7	Complete destruction of roof and walls leaving floor and undercarriage in place	94	78	109
8	Unit slides off CMU block piers	97	80	117
9	Removal of entire roof structure leaving most walls standing	113	93	131
10	Unit rolls, displaces or vaults	114	82	130
11	Undercarriage separates from floor; rolls and tumbles, badly bent	127	109	145
12	Complete destruction of unit; debris blown away	134	119	154

* DOD is degree of damage

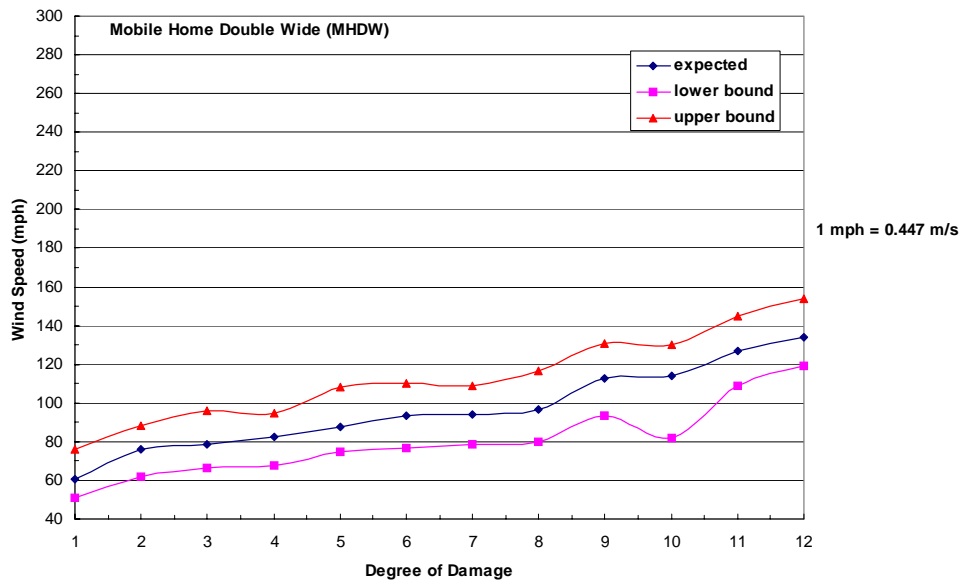


Figure 4. Wind Speed vs. Degree of Damage