

HAZUS Building Attribute Rulesets - Wind - MH94HUDI-II-III

Note: Defaults should be assigned to all MH94HUDI-II-III Buildings as defined below; then rulesets should be applied to override those defaults as informed by available data.

shutters			
Valid Entries	yes, no	Input Variable	DWSII, YearBuiltNJDEP
Default	no	Input Variable Source	Custom Inventory
Years Ruleset Applies	Ruleset	Notes	Possible Extensions
YearBuiltNJDEP > 1994	IF DWSII >= 100, shutters = yes IF DWSII < 100, shutters = no	3282.362 Production Inspection Primary Inspection Agencies (A) For homes designed to be located in Wind Zones II and III, which have not been provided with shutters or equivalent covering devices, it is strongly recommended that the home be made ready to be equipped with these devices in accordance with the method recommended in the manufacturers printed instructions. Wind Zones II and III are defined as having design wind speeds of 100mph and 110 mph, respectively. (Table 3280.305) The HUD Code was amended in 1994 with requirements that manufactured homes meet building and installation standards to provide wind safety safeguards in pre-designated storm regions of the country. Manufactured homes produced since 1994 have been proven to be equal and, in many respects, safer than site-built homes during tornadoes and hurricanes. http://www.homespotonline.com/blog/what-you-need-know-about-manufactured-homes/	
1976 <YearBuiltNJDEP ≤ 1994	Use MH76HUD Rules	Use this ruleset only for YearBuiltNJDEP> 1994	
YearBuiltNJDEP ≤ 1976	Use MHPHUD Rules	Use this ruleset only for YearBuiltNJDEP> 1994	
TieDowns			
Valid Entries	yes, no	Input Variable	Tie Downs
Default	no	Input Variable Source	DWSII, YearBuiltNJDEP
Years Ruleset Applies	Ruleset	Notes	Possible Extensions
YearBuiltNJDEP ≤ 1994	Use MH76HUD Rules		
YearBuiltNJDEP > 1994	IF DWSII >= 70, TieDown = yes IF DWSII < 70, TieDown = no	§ 3280.306 (d) Requirements for ties. Manufactured homes in Wind Zone I require only diagonal ties. These ties shall be placed along the main frame and below the outer side walls. All manufactured homes designed to be located in Wind Zones II and III shall have a vertical tie installed at each diagonal tie location. Wind Zones I, II and III are defined as having design wind speeds of 70mph, 100mph and 110 mph, respectively. (Table 3280.305) The HUD Code was amended in 1994 with requirements that manufactured homes meet building and installation standards to provide wind safety safeguards in pre-designated storm regions of the country. Manufactured homes produced since 1994 have been proven to be equal and, in many respects, safer than site-built homes during tornadoes and hurricanes. http://www.homespotonline.com/blog/what-you-need-know-about-manufactured-homes/	
1976 <YearBuiltNJDEP ≤ 1994	Use MH76HUD Rules	Use this ruleset only for YearBuiltNJDEP> 1994	
YearBuiltNJDEP ≤ 1976	Use MHPHUD Rules	Use this ruleset only for YearBuiltNJDEP> 1994	