EF5

Complete destruction of engineered and/or well-constructed residence; slab swept clean. (165-220 mph)



200 mph

EF4

All walls collapsed. (142-198 mph)

Most walls collapse except small interior rooms. (127-178 mph)



EF3

166 mph

136 mph

EF2

111 mph

EF1

86 mph

EF0

Entire house shifts off foundation, and/or large sections of roof structure removed; most walls remain standing. (103-142 mph)

Broken glass in doors and windows, uplift of roof deck and significant loss of roof covering (>20%), collapse of chimneys and garage doors. (79-116 mph)



Loss of roof covering material (<20%), gutters, and/or awnings; loss of vinyl or metal siding. (63-97 mph)

65 mph

Figure A2-1. Typical tornado damage descriptions to one- and two-family dwellings and their corresponding intensity according to the EF Scale (wind speeds are estimated 3-second-gust wind speeds)

A high percentage of framed homes will be destroyed, with total roof failure and wall collapse. Fallen trees and power poles will isolate residential areas. Power outages will last for weeks to possibly months. Most of the area will be uninhabitable for weeks or months. (157 mph or higher)



Cat. 5

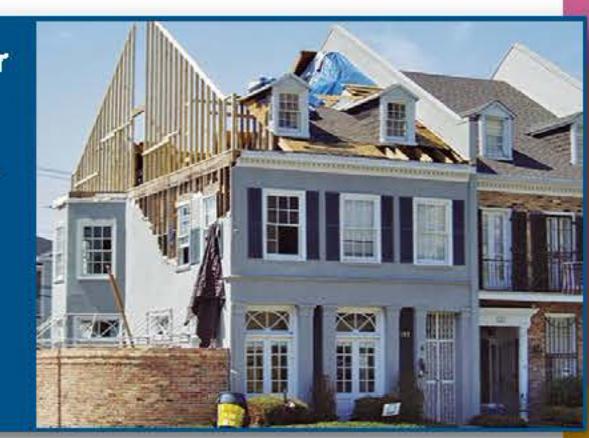
157 mph

Cat. 4

130 mph

Well-built framed homes can sustain severe damage with loss of most of the roof structure and/or some exterior walls. Most trees will be snapped or uprooted and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last weeks to possibly months. Most of the area will be uninhabitable for weeks or months. (130–156 mph)

Well-built framed homes may incur major damage or removal of roof decking and gable ends. Many trees will be snapped or uprooted, blocking numerous roads. Electricity and water will be unavailable for several days to weeks after the storm passes. (111–129 mph)



Cat. 3

111 mph

Cat. 2

96 mph

Well-constructed frame homes could sustain major roof and siding damage. Many shallowly rooted trees will be snapped or uprooted and block numerous roads. Near-total power loss is expected with outages that could last from several days to weeks. (96–110 mph)

Well-constructed frame homes could have damage to roof, shingles, vinyl siding and gutters. Large branches of trees will snap and shallowly rooted trees may be toppled. Extensive damage to power lines and poles likely will result in power outages that could last a few to several days. (74–95 mph)



Cat. 1

74 mph