

Appendix C: Severe Weather Descriptors

Estimating Hail Size

<i>Hail Diameter</i>	<i>Size Description</i>
1/4"	Pea
1/2"	Small marble
3/4"	Penny or dime
7/8"	Nickel
1" (SVR)	Quarter
1 1/4"	Half dollar
1 1/2"	Walnut or Ping-pong ball
1 3/4"	Golfball
2"	Hen egg
2 1/2"	Tennis ball
2 3/4"	Baseball
4"	Grapefruit
4 1/2"	Softball

Enhanced Fujita Scale

<i>Rating</i>	<i>Wind Speed</i>	<i>Expected Damage</i>
EF0	65-85 mph	Minor Damage. Shingles or parts of roof peeled off; damage to gutters/siding; branches broken off trees; shallow-rooted trees toppled.
EF1	86-110 mph	Moderate Damage. More significant roof damage; windows broken; exterior doors damaged or lost; mobile homes badly damaged or overturned.
EF2	111-135 mph	Considerable Damage. Roofs torn off well-constructed homes; homes shifted off foundation; mobile homes completely destroyed; large trees snapped or uprooted; cars may be tossed.
EF3	136-165 mph	Severe Damage. Entire stories of well-constructed homes destroyed; significant damage to large buildings; structures with weak foundations may be blown away; trees begin to lose bark.
EF4	166-200 mph	Extreme Damage. Well-constructed homes leveled; cars thrown significant distances; top story exterior walls of masonry buildings likely collapse.
EF5	>200 mph	Massive/Incredible Damage. Well-constructed homes swept away; steel-reinforced concrete structures critically damaged; high-rise buildings sustain severe structural damage; trees usually completely debarked, stripped of branches, and snapped.