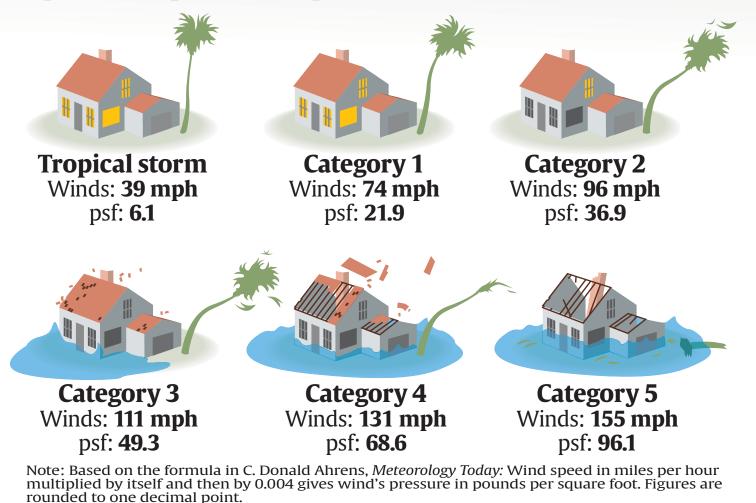
## Hurricane damage zooms as wind speeds increase

Damage levels from Hurricane Ivan correlate mainly to wind speed. For example a wind speed increase from a 74 mph Category 1 storm to a 111 mph Category 3 more than doubles the wind's force. Increasing wind speeds also create higher storm surge, which is water a hurricane pushes ashore.

## Category wind speeds and pounds per square foot (psf) of wind pressure:



Source: USA TODAY research

By Alejandro Gonzalez, USA TODAY