

# Risk Category of Buildings and other Structures

Building Risk Categories are listed in Table 1604.5 of 2010 FBC Building. (page 16.5 in code):

**I Buildings and other structures that represent a low hazard to human life in the event of failure, including but not limited to:**

- Agricultural facilities.
- Certain temporary facilities.
- Minor storage facilities.

**II Buildings and other structures except those listed in Occupancy Categories I, III and IV**

## III

**Buildings and other structures that represent a substantial hazard to human life in the event of failure, including but not limited to:**

- Buildings and other structures whose primary occupancy is public assembly with an occupant load greater than 300.
- Buildings and other structures containing elementary school, secondary school or day care facilities with an occupant load greater than 250.
- Buildings and other structures containing adult education facilities, such as colleges and universities, with an occupant load greater than 500.
- Group I-2 occupancies with an occupant load of 50 or more resident patients but not having surgery or emergency treatment facilities.
- Group I-3 occupancies.
- Any other occupancy with an occupant load greater than 5,000<sup>a</sup>.
- Power-generating stations, water treatment facilities for potable water, waste water treatment facilities and other public utility facilities not included in Occupancy Category IV.
- Buildings and other structures not included in Occupancy Category IV containing sufficient quantities of toxic or explosive substances to be dangerous to the public if released.

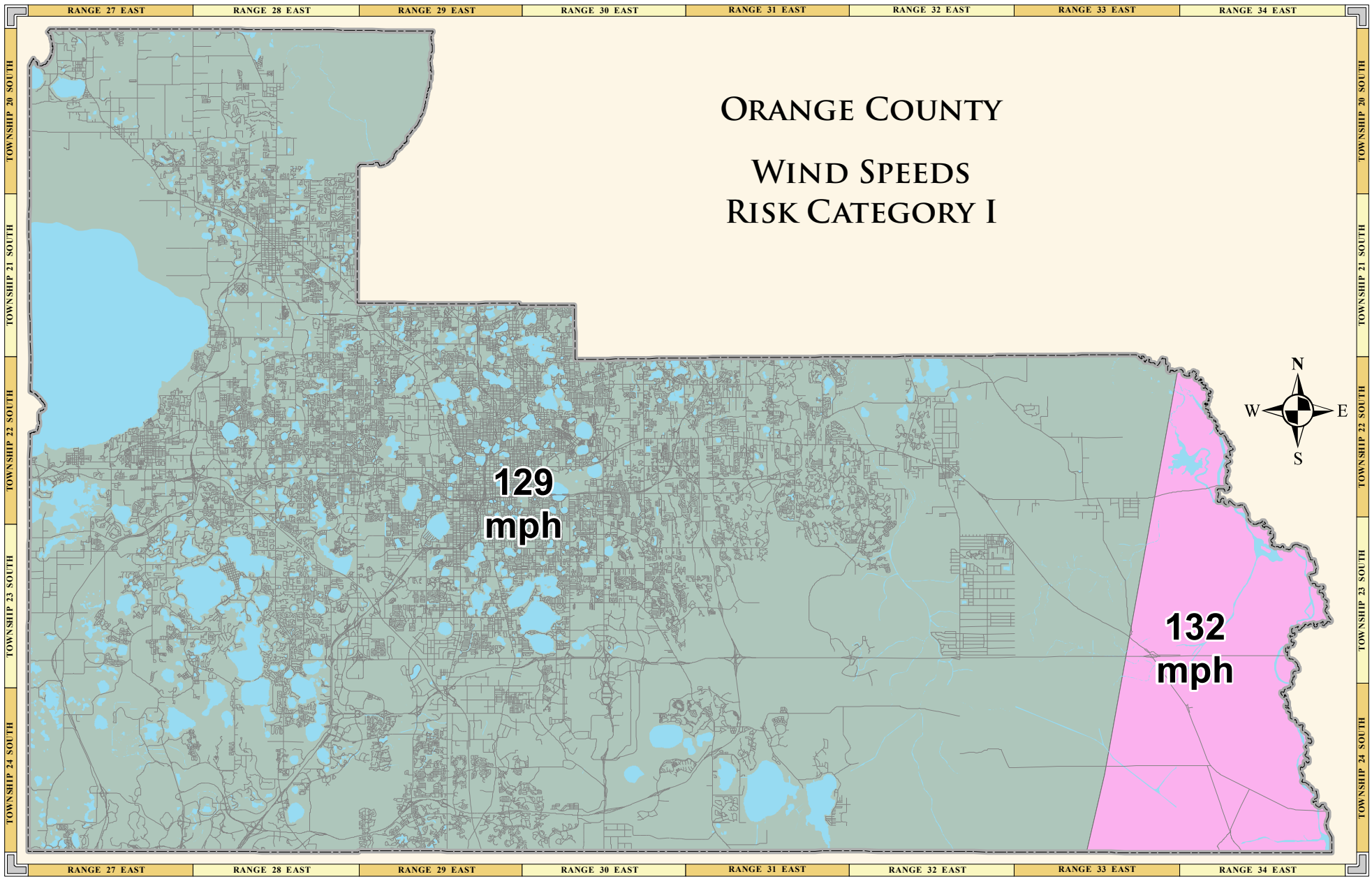
## IV

**Buildings and other structures designated as essential facilities, including but not limited to:**

- Group I-2 occupancies having surgery or emergency treatment facilities.
- Fire, rescue, ambulance and police stations and emergency vehicle garages.
- Designated earthquake, hurricane or other emergency shelters.
- Designated emergency preparedness, communications and operations centers and other facilities required for emergency response.
- Power-generating stations and other public utility facilities required as emergency backup facilities for Occupancy Category IV structures.
- Structures containing highly toxic materials as defined by Section 307 where the quantity of the material exceeds the maximum allowable quantities of Table 307.1(2).
- Aviation control towers, air traffic control centers and emergency aircraft hangars.
- Buildings and other structures having critical national defense functions.
- Water storage facilities and pump structures required to maintain water pressure for fire suppression.

Wind load maps are on OCDBS website under "News"

3/2/12



# ORANGE COUNTY

## WIND SPEEDS RISK CATEGORY I

**129  
mph**

**132  
mph**

