CITY OF FONTANA

BUILDING & SAFETY
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WIND LOADS

The City of Fontana is located within a special wind region. The design parameters for wind loads are different depending upon which code the structure is being designed under – Building Code or Residential Code.

The design parameters for wind loads in Fontana are as follows:

<u>If designing under the **2019** California ***Building*** Code</u>:

The minimum basic design wind speed, V , shall be:

Risk Category	Basic Design Wind Speed, V
I	116 mph
II	129 mph
III & IV	135 mph

Exposure C, as a minimum, shall apply in all cases unless the architect or engineer in general responsible charge can justify to the building official that the building site and surrounding terrain conform to the criteria for Exposure B.

<u>If designing under the **2019** California ***Residential*** Code</u>:

The minimum 3-second gust wind speed, V_{3S}, is 129 miles per hour and the minimum fastest mile wind speed, V_{fm}, is 101 miles per hour.

Exposure C, as a minimum, shall apply in all cases unless the architect or engineer in general responsible charge can justify to the building official that the building site and surrounding terrain conform to the criteria for Exposure B.