



### Basic Wind Speeds for Risk Category I Buildings and Other Structures (Hawaii).

#### Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. It is permitted to use the standard values of  $K_{zt}$  of 1.0 and  $K_d$  as given in Table 26.6-1 of ASCE 7.
5. Ocean promontories and local escarpments shall be examined for unusual wind conditions.
6. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00143, MRI = 700 Years).

**FIGURE 1609.3(8)**  
**BASIC DESIGN WIND SPEEDS,  $V$ , FOR RISK CATEGORY I BUILDINGS AND OTHER STRUCTURES IN HAWAII**

(continued)