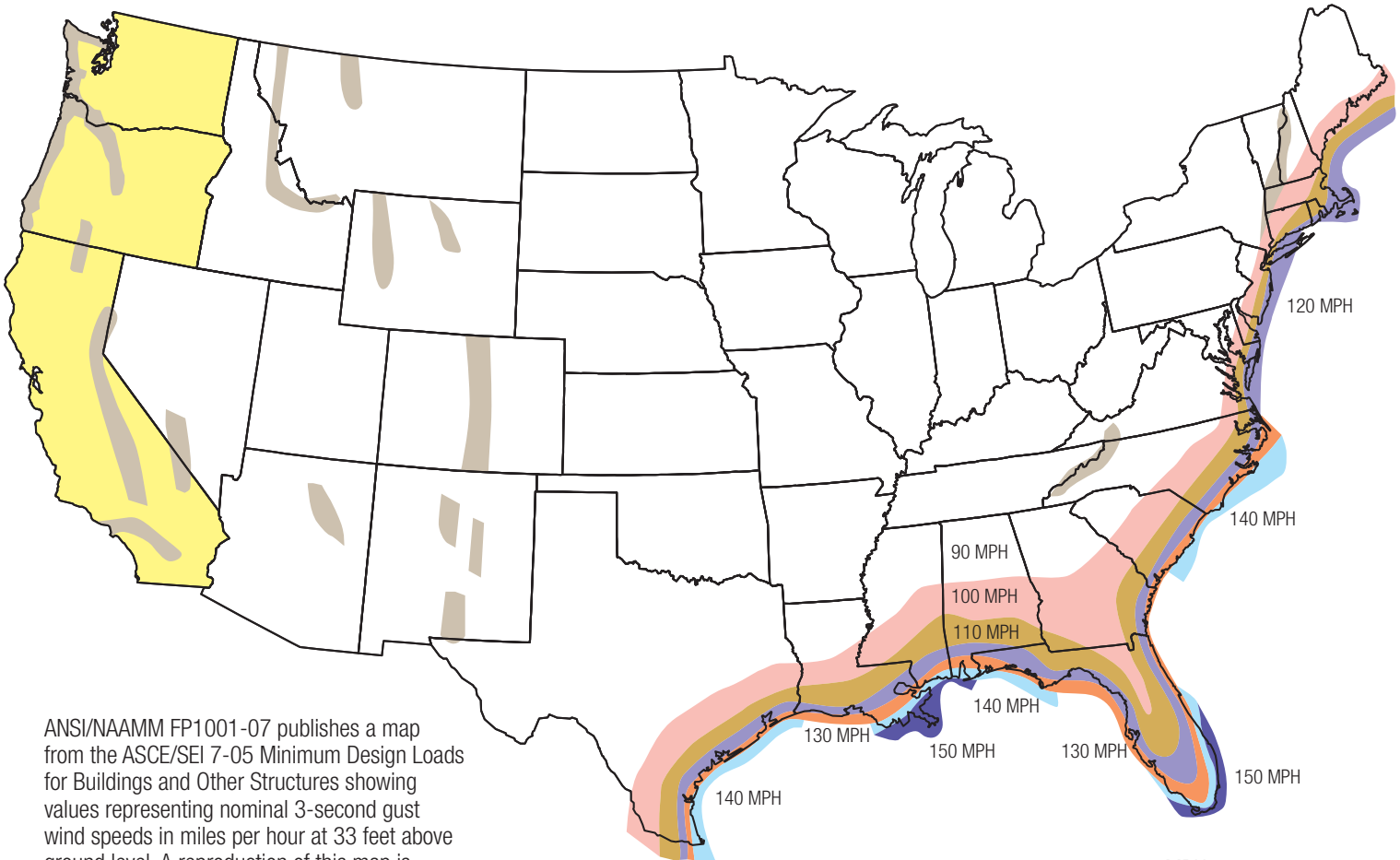


Flagpole Specifications - Wind Speed

With the height of the flagpole determined, choosing the correct flagpole design next requires the knowledge of the Wind Loads to which the flagpole will be subjected. Concord American Flagpole Engineers, working with specifications contained in The National Association of Architectural Metal Manufacturers' (NAAMM) *Guide Specifications For Design Of Metal Flagpoles (ANSI/NAAMM FP 1001-07)*, have determined the Maximum Wind Speed for both Nylon Flagged and Unflagged flagpoles using Ground Set Installations.

STD. FLAG SIZE	MAX WIND SPEED WITH NYLON FLAG	MAX WIND SPEED NO FLAG
4' x 6'	109	147
4' x 6'	136	229
4' x 6'	160	262
4' x 6'	182	

Sample Wind Speed Chart



ANSI/NAAMM FP1001-07 publishes a map from the ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures showing values representing nominal 3-second gust wind speeds in miles per hour at 33 feet above ground level. A reproduction of this map is provided and should be used to specify the proper flagpole for your application. Please note that Special Wind Zone Areas, including but not limited to mountainous terrain, gorges, and ocean promontories, should be examined for unusual wind conditions.

Wind Speeds - Other Regions

LOCATION	MPH	(M/S)
Hawaii	105	(47)
Puerto Rico	145	(65)
Guam	170	(76)
Virgin Islands	145	(65)
American Samoa	125	(56)
Alaska*	90-130	(40-58)

- 85 MPH
- 90 MPH
- 100 MPH
- 110 MPH
- 120 MPH
- 130 MPH
- 140 MPH
- 150 MPH
- Special Wind Region

All Wind Speeds listed in Flagpole Product Tables are for Ground Set Installations flying a Nylon flag in the NAAMM recommended size listed. See Pages 86-88 Flagpole Windspeed Charts for additional calculations for Polyester Flags, Double Nylon Flags and Flags one size smaller than the NAAMM recommended maximum size. Contact Concord American Flagpole for Wind Speed information on Shoe Base installations, exceeding the maximum NAAMM recommended flag size for flagpole height chosen, installation on rooftops, or for flying multiple flags in sizes or materials not listed in the Chart.

Safety Note: The specification and installation of a flagpole with wind speed ratings that do not meet the maximum wind speed for the project location, or flagpoles flying flags and banners that exceed the NAAMM recommended flag size, can result in personal injury and/or property damage. Flags should always be removed from the flagpole during severe weather events.