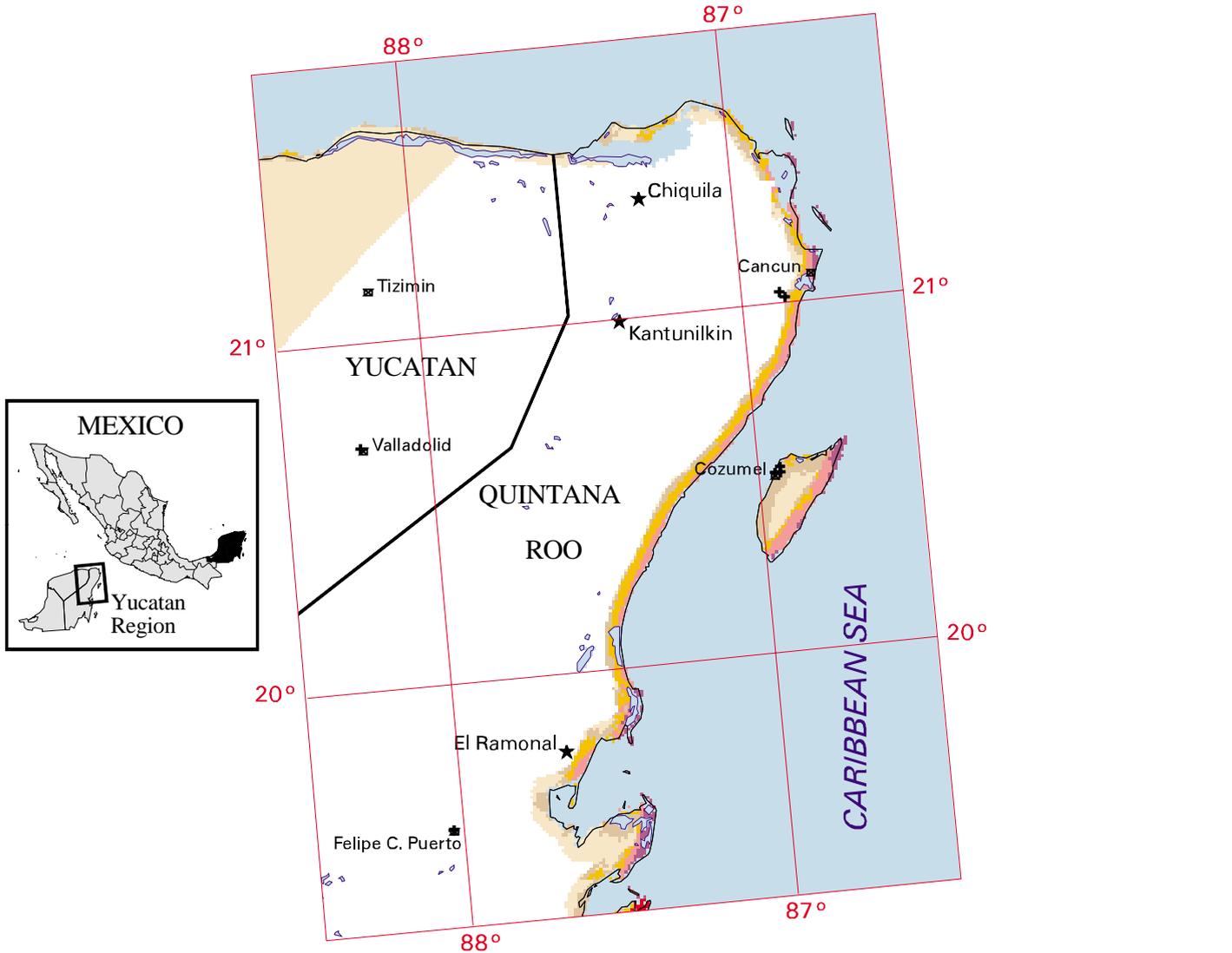


# Mexico - Northeast Coast of Yucatan Region Wind Resource Map



The wind resource classification is specific for both utility scale and rural applications and applies to areas with low surface roughness. Values of Weibull  $k$  in the Yucatan region vary from approximately 1.8 to 3.5, with highest values along the east coast.

20 10 0 20 40 60 80 100 Kilometers

## Wind Power Classification

Resource Potential		Wind Power Density at 30 m $W/m^2$	Wind Speed <sup>a</sup> at 30 m m/s
Utility	Rural		
Marginal	Moderate	100 - 150	4.4 - 5.0
		150 - 200	5.0 - 5.6
Moderate	Good	200 - 250	5.6 - 6.0
		250 - 300	6.0 - 6.4
Good	Excellent	300 - 350	6.4 - 6.7
		350 - 400	6.7 - 7.0

<sup>a</sup> Wind speeds are based on a Weibull  $k$  value of 2.0.

- + Meteorological Station with Wind Data
- ★ Additional Wind Measurement Site
- City or Village

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