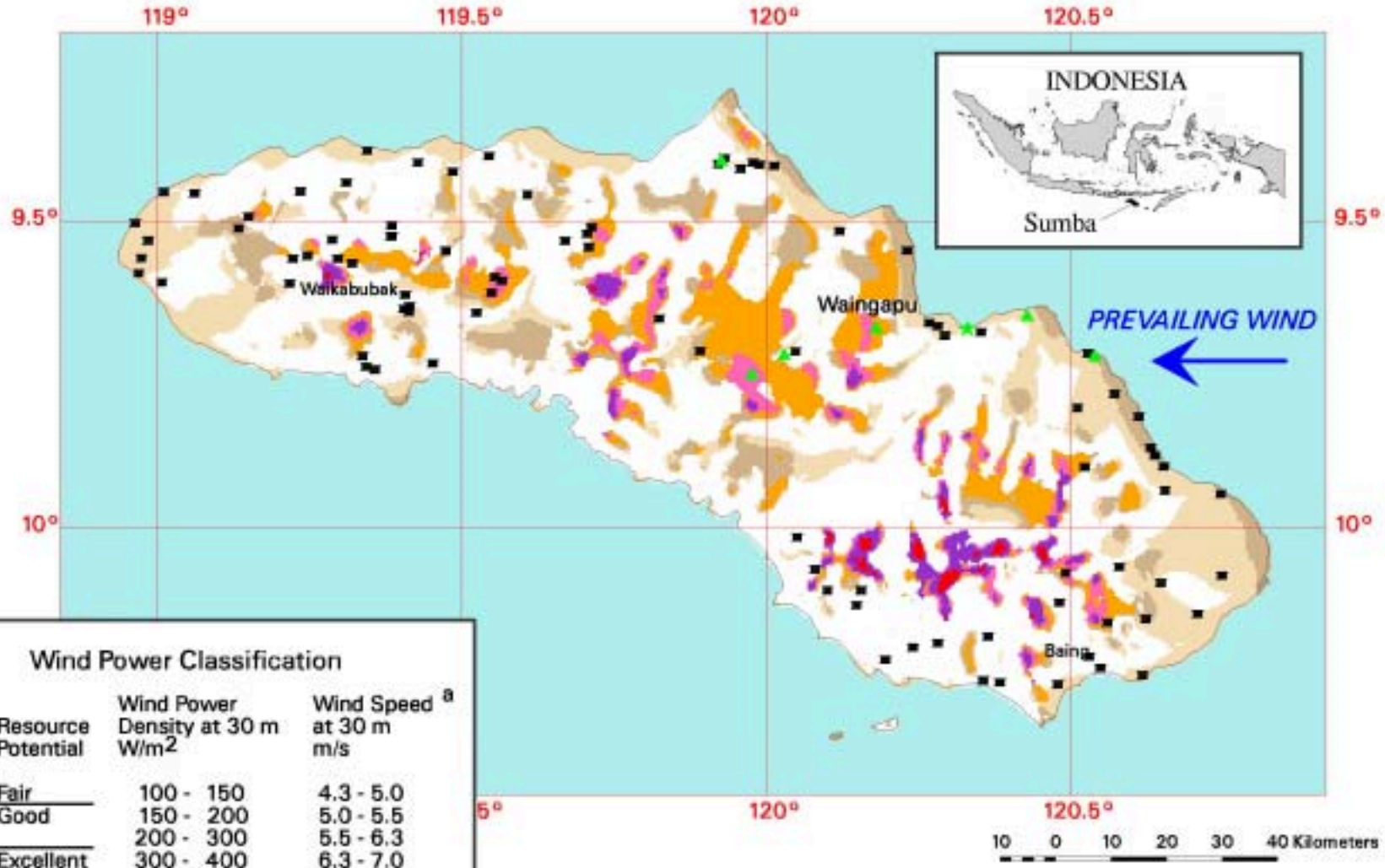
Sumba, Indonesia - Favorable Wind Resource Areas



Wind Power Classification

Resource Potential	Wind Power Density at 30 m W/m^2	Wind Speed [a] at 30 m m/s
Fair	100 - 150	4.3 - 5.0
Good	150 - 200	5.0 - 5.5
	200 - 300	5.5 - 6.3
Excellent	300 - 400	6.3 - 7.0
	400 - 600	7.0 - 8.2
	600 - 800	8.2 - 9.1

[a] Wind speeds are based on a Weibull k value of 1.8 estimated to be typical for many areas in Sumba.

- ★ Meteorological Station with Wind Data
- ▲ New Anemometer
- ■ City or Village

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Data source: Meteorological stations are from the NREL Global Surface Database. Anemometers are from the USAID/Winrock WIND Project and LAPAN. Wind resource classification is from the NREL Wind Resource Assessment Program. The prevailing wind direction is 90 degrees.

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