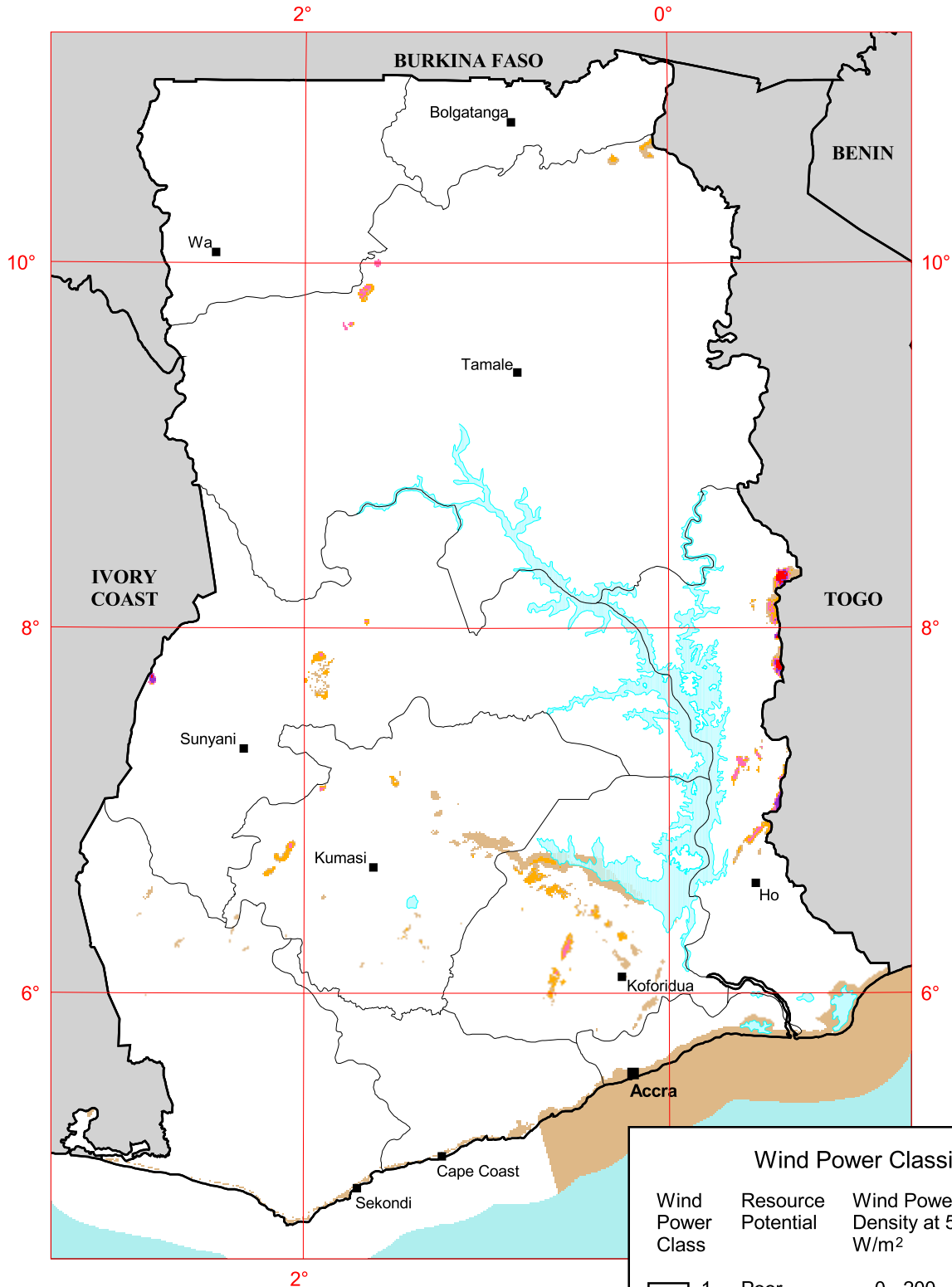


Ghana - 50 m Wind Power



Solar and Wind
Energy Resource
Assessment



United Nations
Environment
Programme



Global Environment
Facility

Wind Power Classification

Wind Power Class	Resource Potential	Wind Power Density at 50 m W/m ²	Wind Speed ^a at 50 m m/s
1	Poor	0 - 200	0 - 6.2
2	Marginal	200 - 300	6.2 - 7.1
3	Moderate	300 - 400	7.1 - 7.8
4	Good	400 - 500	7.8 - 8.4
5	Excellent	500 - 600	8.4 - 9.0
6		600 - 800	9.0 - 9.9
7		> 800	> 9.9

^a Wind speeds are based on a Weibull k value of 3.0



U.S. Department of Energy
National Renewable Energy Laboratory