

South Carolina 50 m Wind Power^{35°}

Indian
Reservation
1 Catawaba

Transmission Lines*
Voltage (kV)
10 - 69
115 - 161
230
500

* Source: POWERmap, ©2007
Platts, a Division of the McGraw-
Hill Companies

The annual wind power estimates for this map
were produced by AWS Truewind using their
Mesomap system and historical weather data.

Wind Power Classification

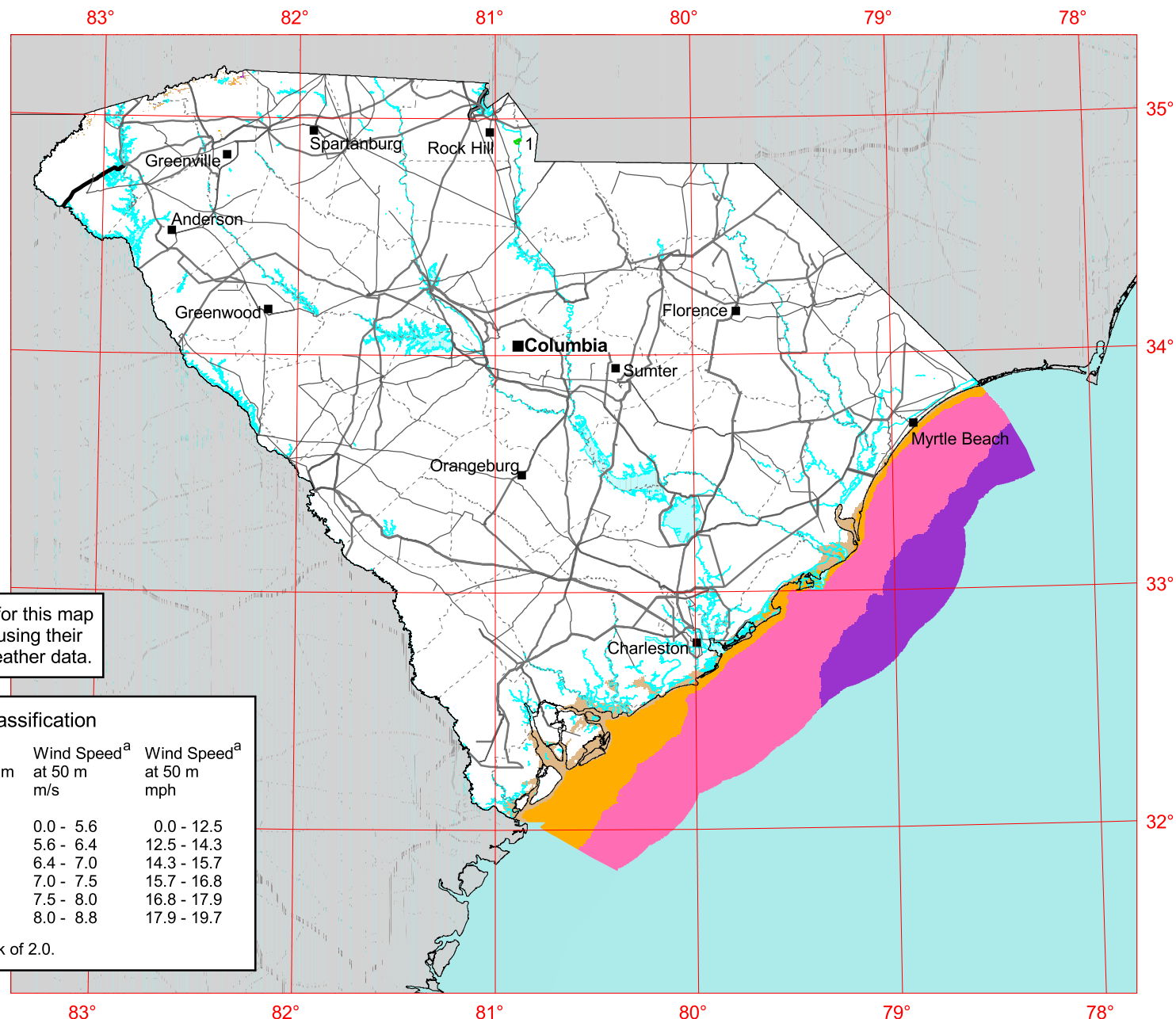
Wind Power Class	Resource Potential	Wind Power Density at 50 m W/m ²	Wind Speed ^a at 50 m m/s	Wind Speed ^a at 50 m mph
1	Poor	0 - 200	0.0 - 5.6	0.0 - 12.5
2	Marginal	200 - 300	5.6 - 6.4	12.5 - 14.3
3	Fair	300 - 400	6.4 - 7.0	14.3 - 15.7
4	Good	400 - 500	7.0 - 7.5	15.7 - 16.8
5	Excellent	500 - 600	7.5 - 8.0	16.8 - 17.9
6	Outstanding	600 - 800	8.0 - 8.8	17.9 - 19.7

^a Wind speeds are based on a Weibull k of 2.0.



U.S. Department of Energy
National Renewable Energy Laboratory

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50 0 50 100 150 Kilometers
20 0 20 40 60 80 100 Miles