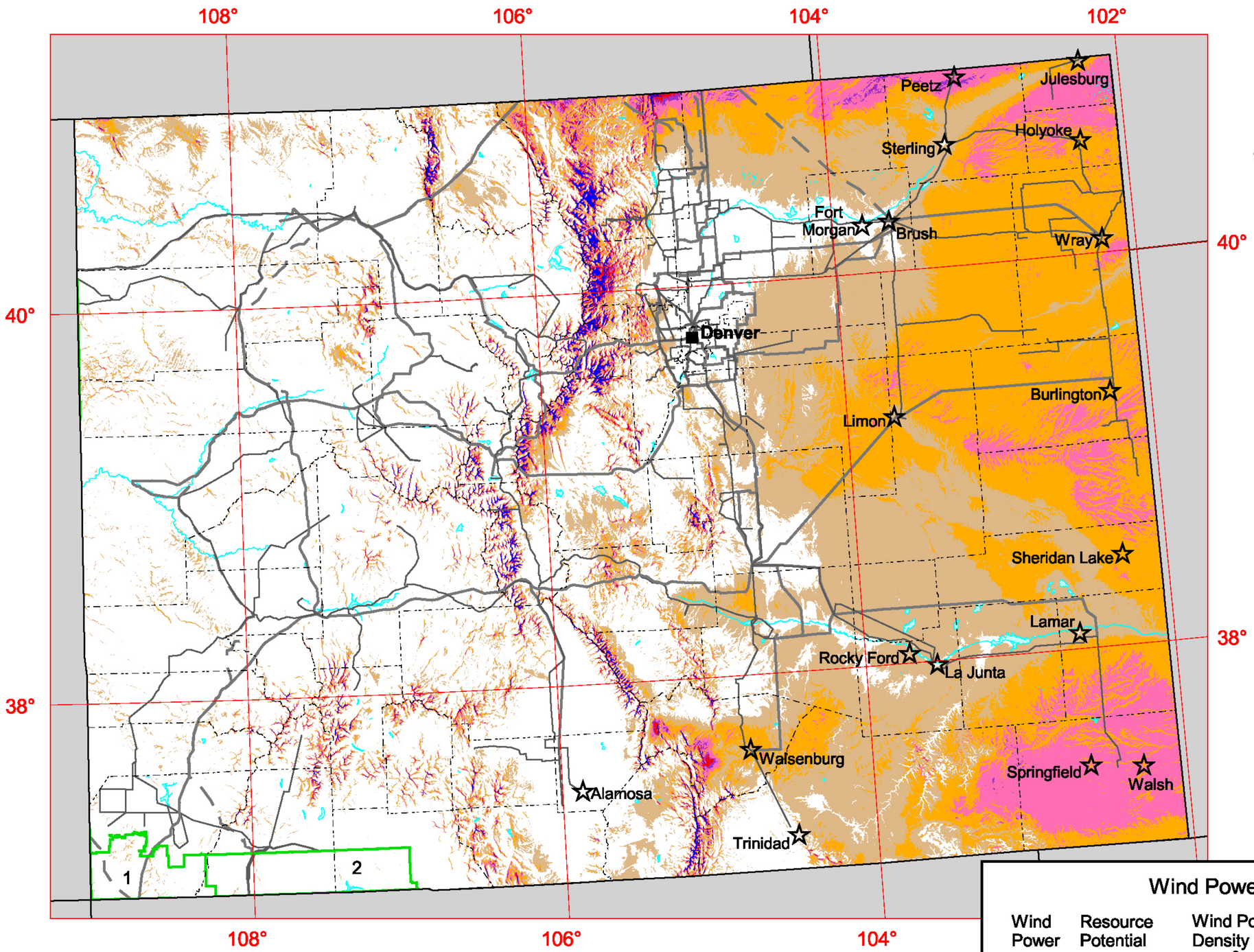
Colorado

Wind and Schools



Transmission Line*
Voltage (kV)
- 115 - 161
- 230
- 345

* Source: POWERmap,©2003 Platts, a Division of the McGraw-Hill Companies

50 0 50 100 150 200 Kilometers
50 0 50 100 Miles

Indian Reservation
1 Ute Mountain
2 Southern Ute

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 - 5.9	0.0 - 13.2
2	Marginal	200 - 300	5.9 - 6.7	13.2 - 15.0
3	Fair	300 - 400	6.7 - 7.4	15.0 - 16.6
4	Good	400 - 500	7.4 - 7.9	16.6 - 17.7
5	Excellent	500 - 600	7.9 - 8.4	17.7 - 18.8
6	Outstanding	600 - 800	8.4 - 9.3	18.8 - 20.8
7	Superb	> 800	> 9.3	> 20.8

[a] Wind speeds are based on a Weibull k of 2.0 at 1500 m elevation.

U.S. Department of Energy
National Renewable Energy Laboratory

Colorado Governor's Office of Energy Management and Conservation

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