


United States Transmission Corridors

Average Annual Wind Resource
50m (164 ft)

 Transmission Corridors

Wind Data
Provided By NREL

Spatial resolution of
high-resolution wind
resource data
200m (656 ft)

Spatial resolution of
low-resolution, 1986
wind resource data
20 mi (32.2 km)

Albers Equal Area Conic

Created by: Grant Brummels
Date of Creation: 3/5/2006
For more information contact:
Dr. Tom Acker
Tom.Acker@nau.edu

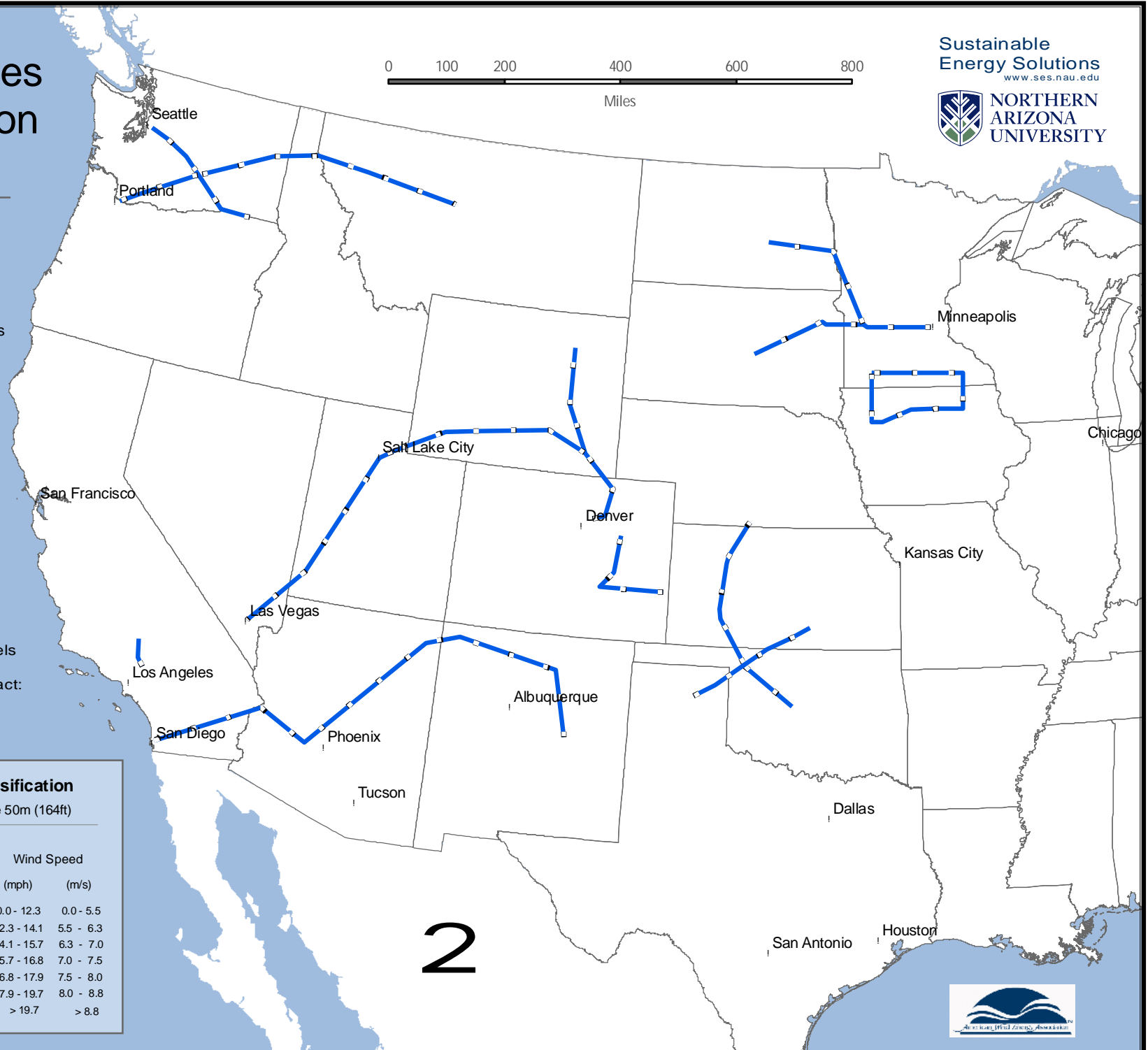
NREL Wind Power Classification

Average Annual Wind Resource 50m (164ft)

Wind Power Class	Wind Power Density (W/m ²)	Wind Speed (mph)	Wind Speed (m/s)
1 Poor	0 - 200	0.0 - 12.3	0.0 - 5.5
2 Marginal	200 - 300	12.3 - 14.1	5.5 - 6.3
3 Fair	300 - 400	14.1 - 15.7	6.3 - 7.0
4 Good	400 - 500	15.7 - 16.8	7.0 - 7.5
5 Excellent	500 - 600	16.8 - 17.9	7.5 - 8.0
6 Outstanding	600 - 800	17.9 - 19.7	8.0 - 8.8
7 Superb	> 800	> 19.7	> 8.8



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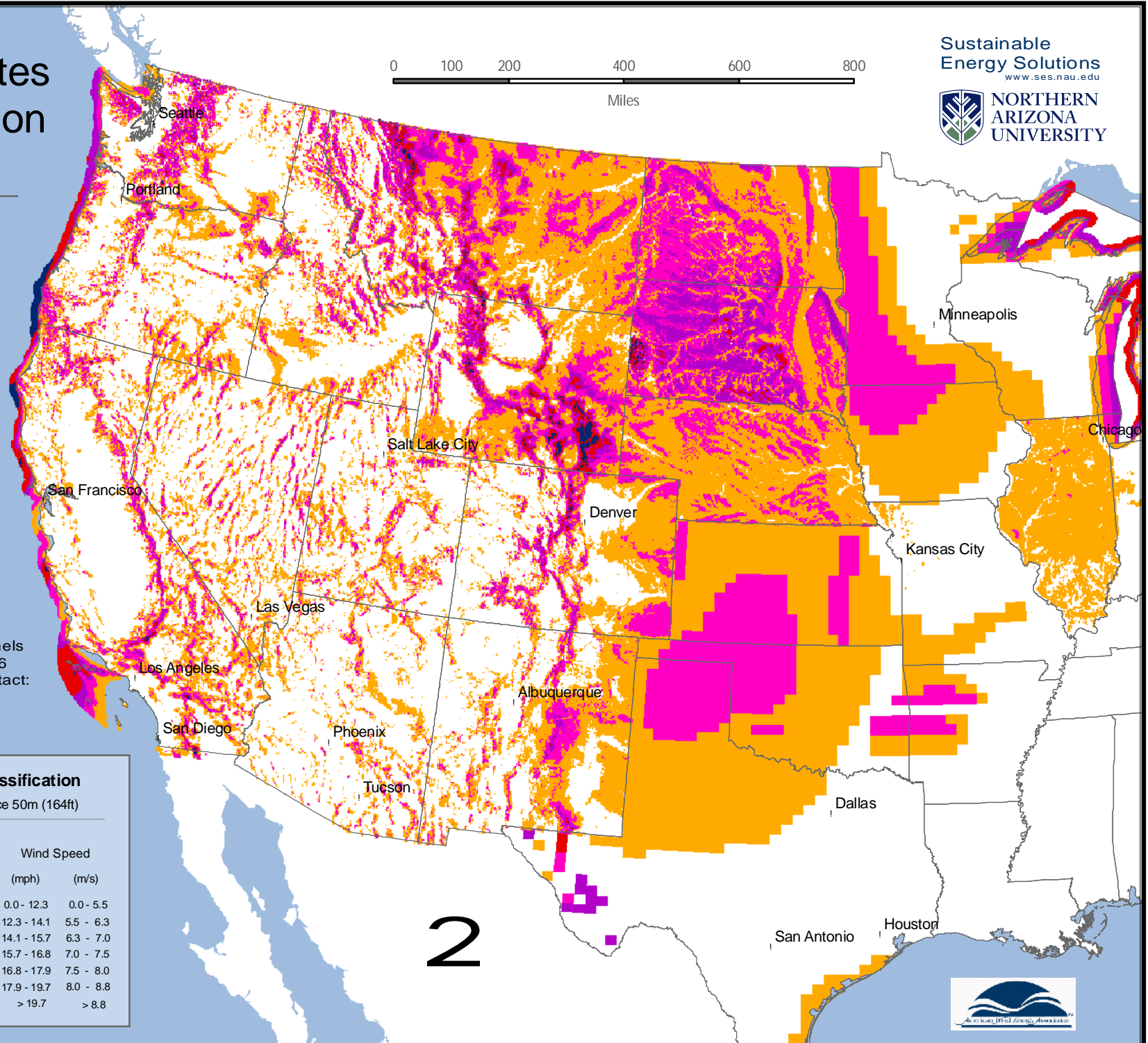
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0 100 200 400 600 800
Miles

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