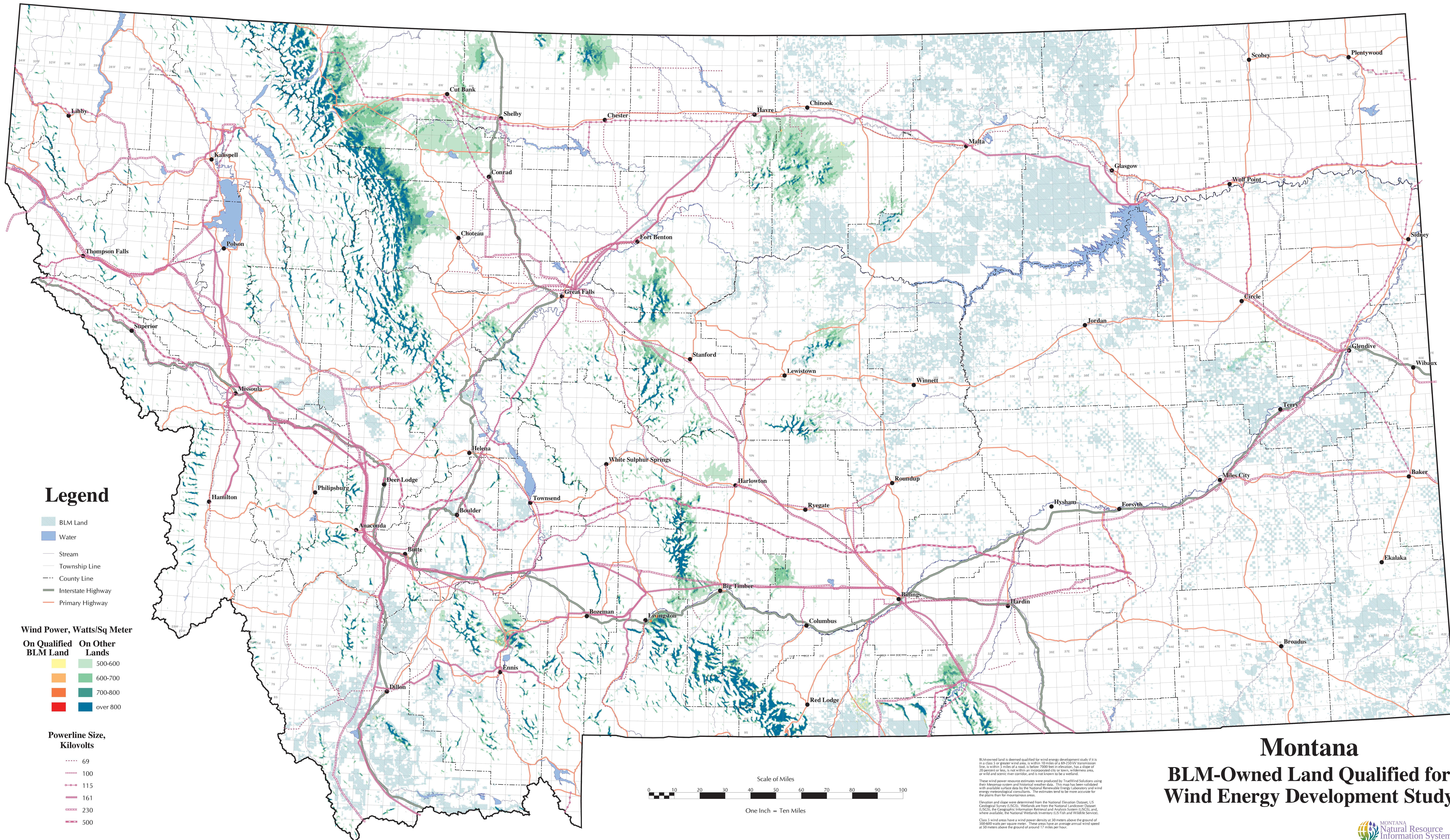




Legend

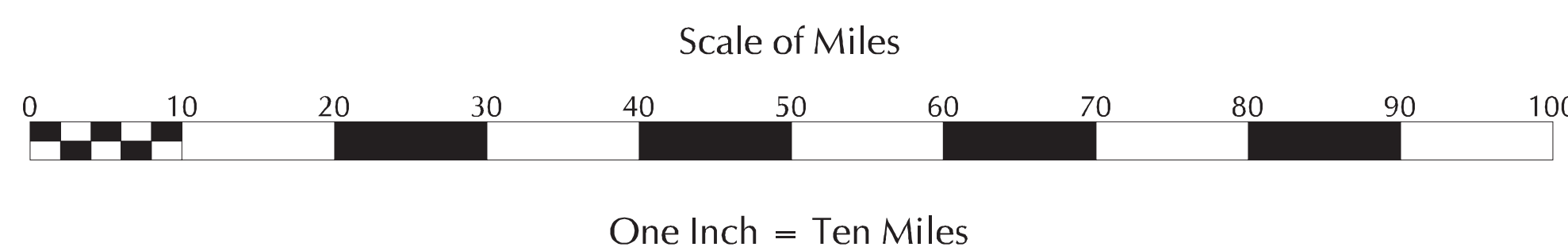
- BLM Land
- Water
- Stream
- Township Line
- County Line
- Interstate Highway
- Primary Highway

Wind Power, Watts/Sq Meter

On Qualified BLM Land	On Other Lands
500-600	500-600
600-700	600-700
700-800	700-800
over 800	over 800

Powerline Size, Kilovolts

- 69
- 100
- 115
- 161
- 230
- 500



BLM-owned land is deemed qualified for wind energy development study if it is in a Class 3 or greater wind area, is within 10 miles of a 69-230 kV transmission line, is within 5 miles of a road, is below 7000 feet in elevation, has a slope of 20 percent or less, is not within an incorporated city or town, wilderness area, or wild and scenic river corridor, and is not known to be a wetland.

These wind power resource estimates were produced by TrueWind Solutions using their Anemox system and historical weather data. This map has been validated with available surface data by the National Renewable Energy Laboratory and wind energy meteorological consultants. The estimates tend to be more accurate for the plains than for mountainous areas.

Elevation and slope were determined from the National Elevation Dataset, U.S. Geological Survey (USGS). Wetlands are from the National Wetland Dataset (USGS), the Geographic Information Retrieval and Analysis System (USGS), and, where available, the National Wetlands Inventory (US Fish and Wildlife Service).

Class 3 wind areas have a wind power density at 50 meters above the ground of 300 Watts per square meter. These areas have an average annual wind speed at 50 meters above the ground of around 17 miles per hour.

Montana

BLM-Owned Land Qualified for Wind Energy Development Study