

### Legend

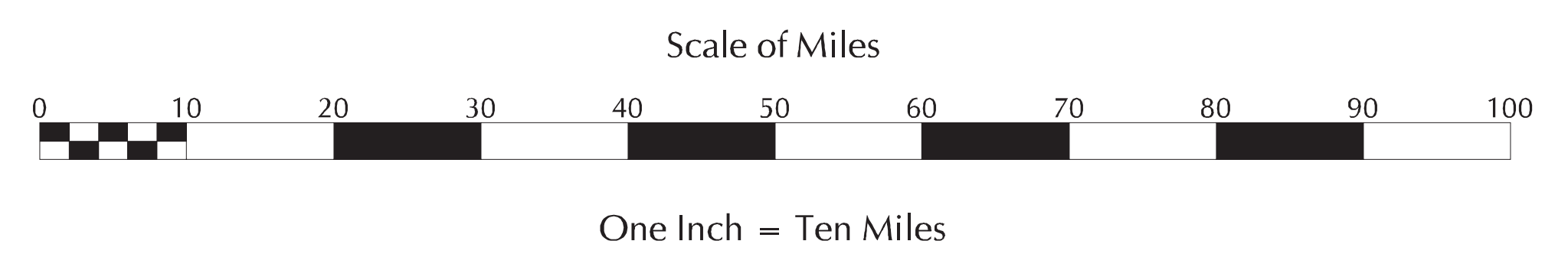
- Non-FWP State Land
- Water
- Stream
- Township Line
- County Line
- Interstate Highway
- Primary Highway

### Wind Power, Watts/Sq Meter

On Qualified State Land	On Other Lands
<span style="color: yellow;">■</span>	<span style="color: lightgreen;">■</span> 400-500
<span style="color: orange;">■</span>	<span style="color: green;">■</span> 500-600
<span style="color: red;">■</span>	<span style="color: darkgreen;">■</span> 600-700
<span style="color: darkred;">■</span>	<span style="color: teal;">■</span> 700-800
<span style="color: black;">■</span>	<span style="color: blue;">■</span> over 800

### Powerline Size, Kilovolts

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



State-owned land is deemed qualified for wind energy development study if its wind power is at least 400 watts/sq meter, is within 10 miles of a 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 owned by Feds, Wildlife, and Parks (FWP), 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 Mesomap 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, US Geological Survey (USGS). Wetlands are from the National Landcover Dataset (USGS), the Geographic Information Retrieval and Analysis System (USGS), and, where available, the National Wetlands Inventory (US Fish and Wildlife Service).

# Montana

## State-Owned Land Qualified for Wind Energy Development Study