

# WindView

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**Compatibility:** ESRI's ArcReader software is not currently compatible with the MS Vista operating system. ESRI is working to acquire rectify this however a solution is not likely until the end of 2007. AWS Truewind is currently looking into other alternative, freely available, software packages that have similar capabilities for viewing our data. ArcReader is compatible with Windows 2000, 2003 and XP.

## Version

### STANDARD

- ESRI's ArcReader Software (version 9.2)
- The WindView User Guide (.pdf)
- Customized ArcReader project file (.pmf)

The project will allow users to view the various data layers, zoom to any layer or extent, copy or print maps of an area at any scale, and query the data.

### GIS data layers:

- Wind Resource at the available heights (ESRI grid)  
Typically wind speed at 30 m, 50 m, 70 m, and 100 m, and power density at 50m.  
Data will be displayed 20 km offshore for coastal states.
- Topography which includes a Digital Elevation Model (DEM) and shaded relief (ESRI grid)
- Interstate Highways, County Boundaries, Major City points, Railroads, Water Bodies, Streams  
Rivers, Neighboring States and/or Canadian Provinces (ESRI .shp)
- Wind Rose points (ESRI .shp)  
This file will contain the tabular data necessary for the creation of wind rose images such as frequency and speed in 16 different directions relative to the average annual speed at 50 m.  
Users will be able to 'hyperlink' to the wind rose image for a given point by a single click – points are spaced at 2 km apart.
- Wind rose images (.jpg)
- Metadata for each of the GIS data layers (.txt)  
These files contain information about the data layers such as projection, spatial resolution and accuracy, data source, etc.
- Wind Resource maps at each available height (.pdf)  
Each map will include the transmission lines for that state as well as our logo/disclaimer and a legend.

### ENHANCED

The Enhanced version will include all of the typical 'Standard' deliverables as well as the following:

- Additional GIS data layers:
- Land Cover, Surface Roughness (ESRI grid)
- Contour Lines (10 m or 20 m intervals), Roads, Federal Lands, State/Local Parks, Populated Places, Airports, Municipal Boundaries (when available), Jurisdictional Waters (when applicable) (ESRI .shp)
- Main Wind Distribution data points (ESRI .shp)  
This file will contain tabular data such as annual wind resource for the various heights, Weibull C and K factors, X and Y location, and average elevation for each point.
- Seasonal Wind Data points
- Diurnal Wind Data points

Please see page 2 for available states.

## Available States

## Resolution (m)

Alaska (western)	200
Alaska (panhandle)	200
Arizona	200
California	200
Colorado	200
Connecticut	200
Delaware	200
Georgia	200
Hawaii	200
Idaho	400 / 200
Indiana	200
Maine	200
Maryland	200
Massachusetts	200
Missouri	200
Montana	400 / 200
Nebraska	200
Nevada	200
New England (CT, RI, MA, ME, NH, VT)	200
New Hampshire	200
New Jersey	200
New Mexico	200
New York	200
North Carolina	200
Northern Baja CA Norte	1000 (standard version only)
Ohio	200
Oregon	400 / 200
Pennsylvania	200
Rhode Island	200
South Carolina	200
Utah	200
Vermont	200
Virginia	200
Washington	400 / 200
West Virginia	200
Wyoming	400 / 200