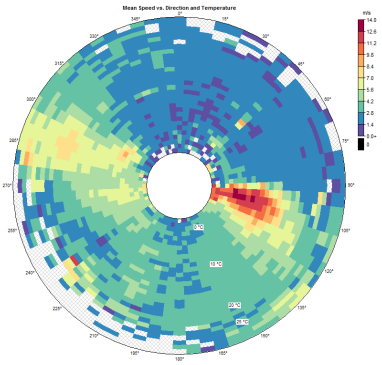
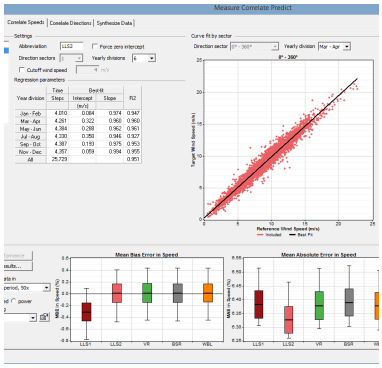
Windographer™





Windographer is the market-leading software for analyzing, visualizing, and validating wind resource data from meteorological towers and remote sensing systems - the critical data required to model wind power projects.

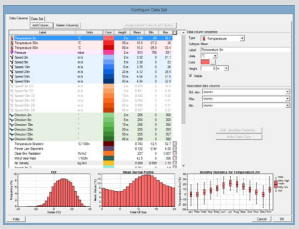
New in Version 4!

The new version addresses many customer requests and improves workflow, data set management, and a lot more:

- New Calibration window makes slope/offset adjustments easy
- New calculated column options like rotor-equivalent wind speed
- Faster download of MERRA data
- Much easier sharing of flags and flag rules within a team
- More flexible MCP performance test
- Improved vertical extrapolation and gap filling
- New Representative Year module creates 'typical year' of data
- Improved import process can handle larger text files
- Export multiple measurement height data to Openwind
- Document History window now shows greater detail
- Improved Turbulence Analysis window
- New Forecast Error Analysis module

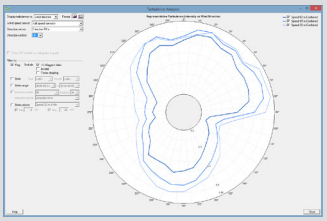
Explore the features Windographer has to offer:

Data Import

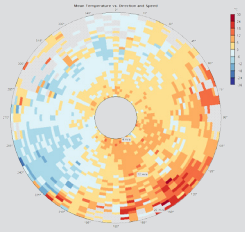


Windographer quickly imports and interprets almost all types of data common to the wind power industry: Symphonie, Nomad, Ammonit, Campbell Scientific, Triton, ASC, ZephIR, Windcube, Pentalum, AWS Truepower, 3Tier, Vortex, ASOS, and more.

Detailed Analysis

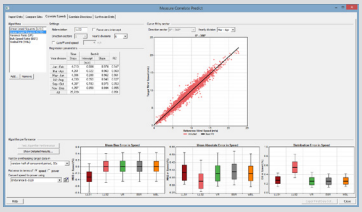


Investigate shear, turbulence, tower distortion, long-term trends, and other aspects of the wind regime. Estimate wind turbine energy production, predict extreme wind speeds, and compare against other data sets.



Visualization

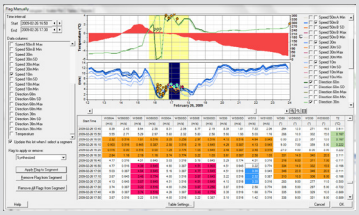
See your data in all its glory through a huge assortment of flexible and interactive graphs. Quickly zoom, pan, filter, modify, and export. Display measured data plus calculated time series such as wind shear exponent and rotor-equivalent wind speed.



Long-Term Climate Adjustment

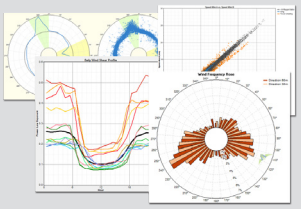
Extend or scale your short-term data set by correlating with long-term reference data using several MCP algorithms, including least squares, Variance Ratio, and the matrix method. A detailed test procedure shows how well each algorithm works with your data sets.

Quality Control



Quickly detect and flag problems such as tower shading, icing events, sensor malfunctions. Filter bad data from calculations, correct calibration errors, and even fill gaps.

Professional Output



Standard reports assemble numerous graphs and tables into a PDF document. Copy or export any graph or table to build your own documents, or export data easily to Openwind, WAsP, WindSim, Meteodyn WT, or WindFarmer.

Windographer Editions

Standard

- Powerful import and export features
- Manual quality control
- Flexible vertical extrapolation

Professional

Standard features plus:

- Rule-based quality control
- Long-term climate adjustment (MCP)

Enterprise

Professional features plus:

- Integrates with any SQL database

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