

BREEZE AERMET Version 7.2 – new features

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BREEZE AERMET Version 7.2 incorporates the most recent AERMET 12345 executable. This US EPA version includes the ability to process AERMOD-ready meteorological data using more refined processing techniques, some of which can have direct, positive impacts on your AERMOD modeling results.

These new and existing processing methodologies are further enhanced by BREEZE AERMET 7's recently redesigned and easy-to-use interface.

Feature List:

- Includes the latest US EPA AERMET 12345 executable.
- Contains new algorithm with an improved estimation of daytime mixing heights: this improvement can lead to increased daytime mixing heights, which could act to reduce surface concentrations for near-ground-level sources.
- Supports the new US EPA option to set a threshold wind speed for 1-minute wind data, which can act to reduce AERMOD modeled concentrations.
- Contains option to modify friction velocity (u^*) for low wind speed/stable atmosphere cases, which could result in decreased AERMOD modeled concentrations for many low-level sources.
- Contains new BREEZE "merge-only" job type that eliminates the hassle of setting up a full AERMET run: simply add the land use characteristics to an existing merge (.MRG) file to produce AERMOD-ready meteorological data.