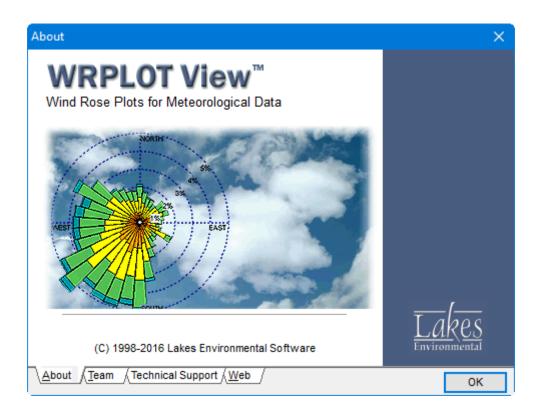
WRPLOT View™

Wind Rose Plots for Meteorological Data

Release Notes

Version 8.0



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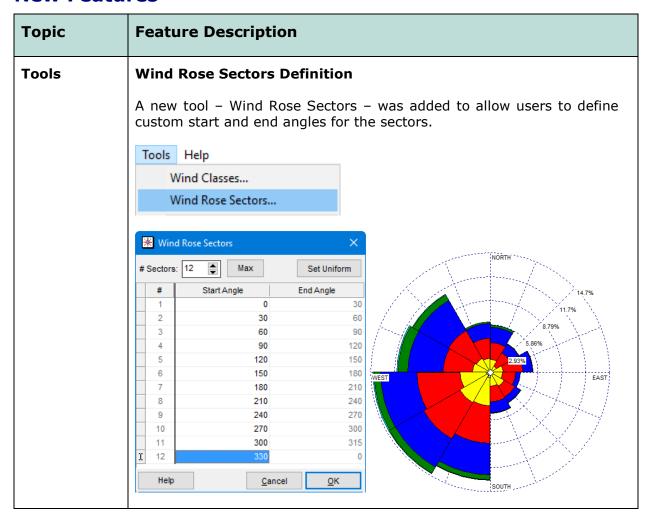


WRPLOT View™ Version 8.0.0

Release Notes

November 14, 2016

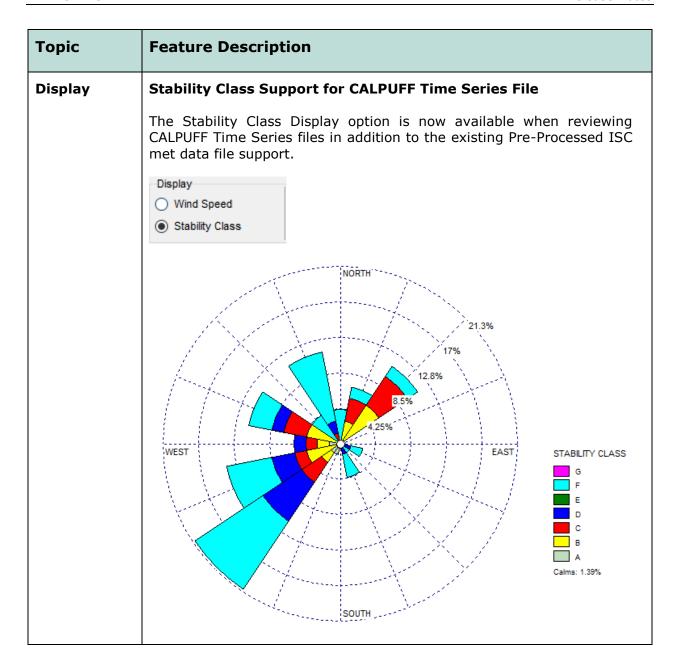
New Features



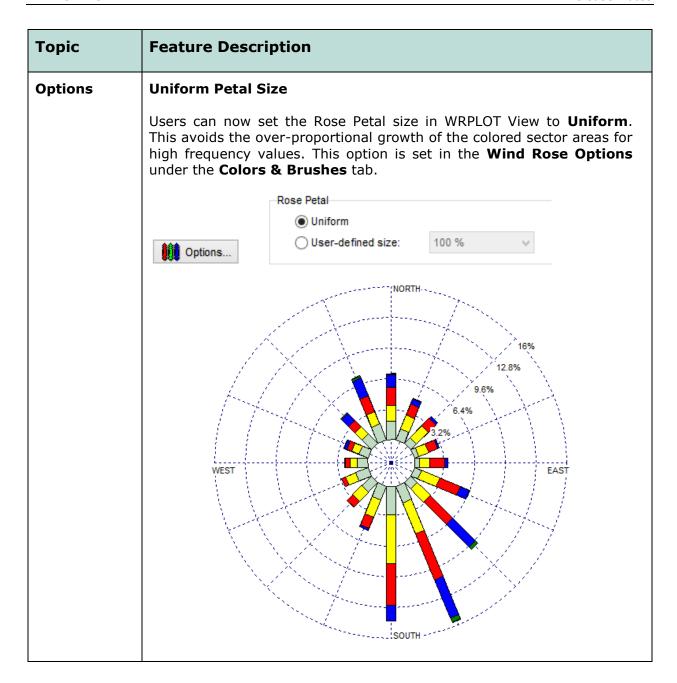


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Topic	Feature Description
Met Data Information	 New File Formats Support was added to WRPLOT View for the following file formats: CALPUFF Time Series File – Output from the Wind Rose Tool in CALPUFF View. This format includes both Wind Speed and Stability Class Display options. AERMINUTE Data File – Output files from the US EPA AERMINUTE pre-processor of ASOS 1-minute and 5-minute wind data
Tools	Support for XLSX Files The Import Surface Data from Excel tool now supports XLSX files (up to 1048576 rows of data).









Topic	Feature Description
Misc.	Additional Updates
	 A new algorithm was implemented for Auto scaling rose displays The "Add File" option now remembers the last opened folder,
	and the "Files of type" box is set to All Files
	The last-used number of Wind Directions is saved between uses
	 Wind Classes display now shows 2 decimal places and conversions between m/s and knots were refined
	 Inclusion of February 29 in the Specify Days option when a leap year is present.
	 All percentages normalized to the total number of hours. Previous versions would correct calm frequencies to remove missing records.
	 Modification to reading TD-3505/ISHD files to match code from AERMET. The program now reads observations found between :30 of the previous hour and :01 of the current hour.
	 Modifications to the Years and Time Range fields to allow subsets of multiple years and overnight hours to be analyzed.

WRPLOT View Knowledgebase is accessible to all users at:

http://www.weblakes.com/kb/FreewareKB/



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Resolved Issues

Topic	Issue Description
Wind Directions	Incorrect Number of Petals Displayed
	In some cases, WRPLOT View would default to a display with the full 36 petals while ignoring the user-specified Wind Directions value. This has been resolved.
Data File Info	Incomplete/Missing Hours Adjusted to Date & Time Period
11110	The number of Incomplete / Missing hours in the Data File Info has been corrected to change based on the user-defined date and hour selections.
Data File Info	Incorrect Unit for Precipitation Intensity
	The Average Precipitation Intensity field used m/s as the unit instead of mm/hr. This has been corrected.
Options	Title Updates for Precipitation Intensity
	Titles and group headers were updated to reflect the Precipitation Intensity option when selected. Previously, these items still referred to 'Wind Rose' and 'Wind Classes'.
Precipitation Intensity	Rain Rate Conversion Adjustment
	When SAMSON files were added to WRPLOT View, an incorrect conversion was applied to convert rain rate from hundredths of inches to millimeters. This has been corrected.

