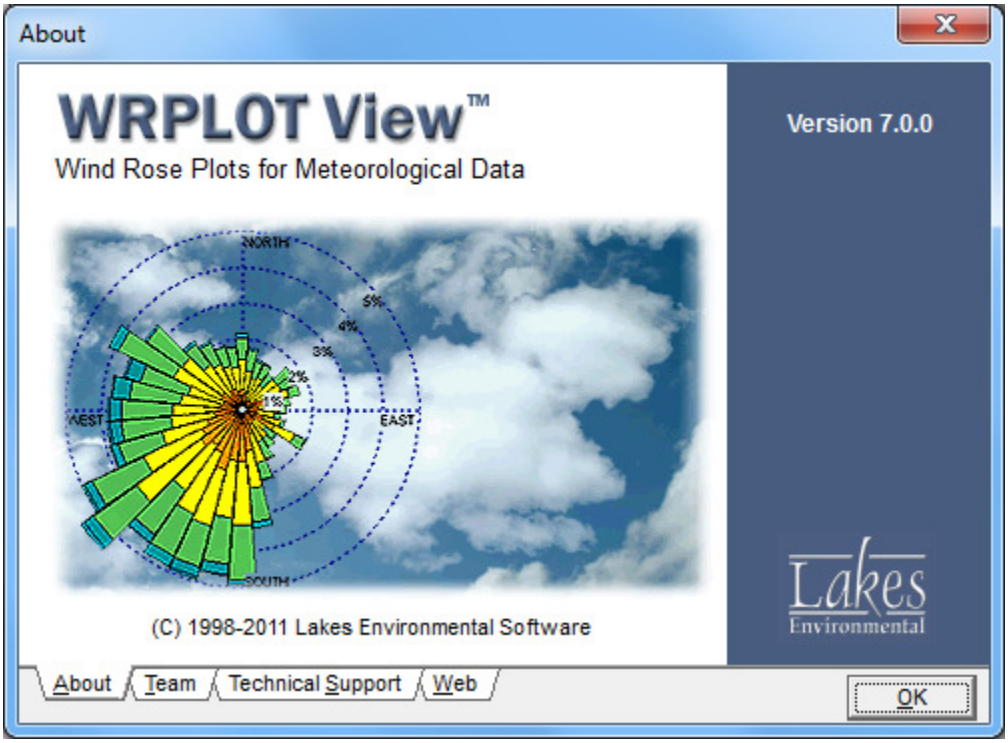
WRPLOT View™

Wind Rose Plots for Meteorological Data

Release Notes



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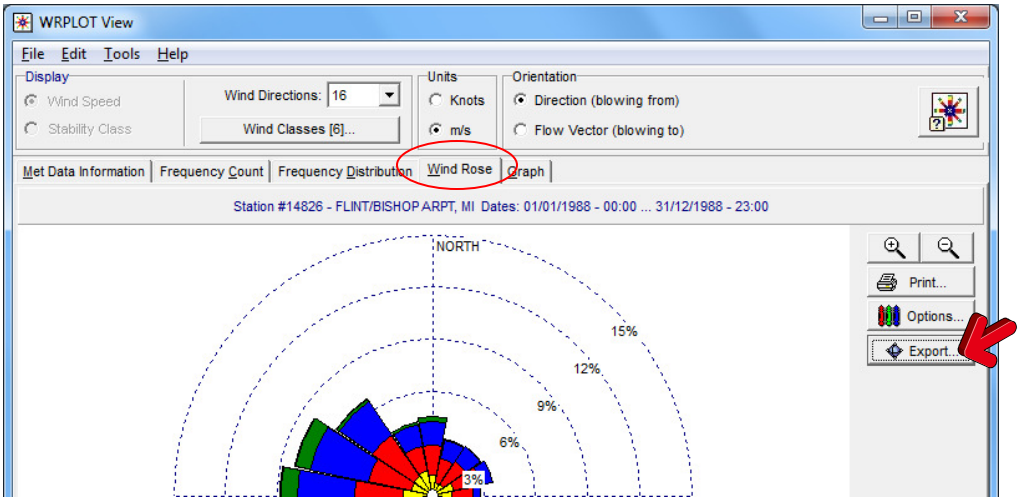
WRPLOT View™ Version 7.0.0

Release Notes

June 3, 2011

New Features

Topic	Feature Description
WRPLOT View	**Export Wind Rose to Google Earth** Now you can export the wind rose from WRPLOT View into Google Earth by pressing the **Export** button available under the **Wind Rose** tab. 

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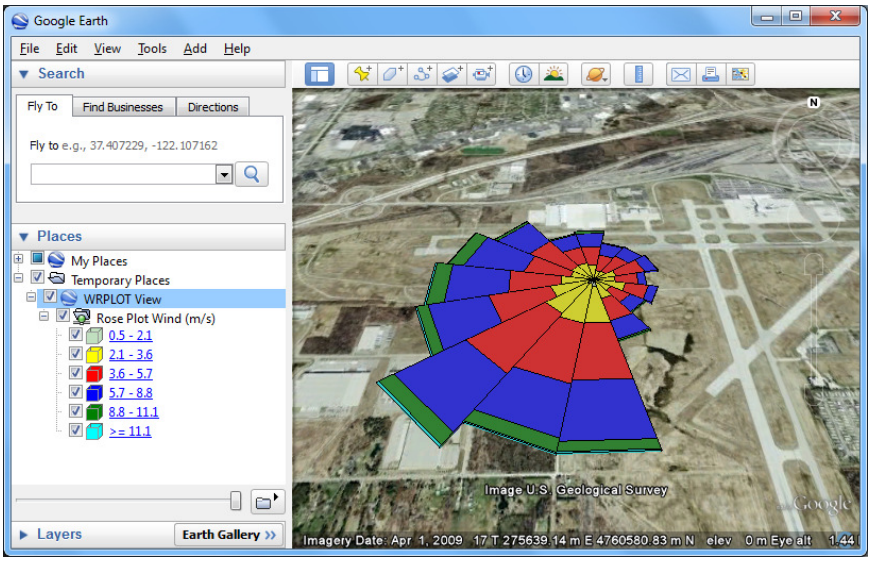
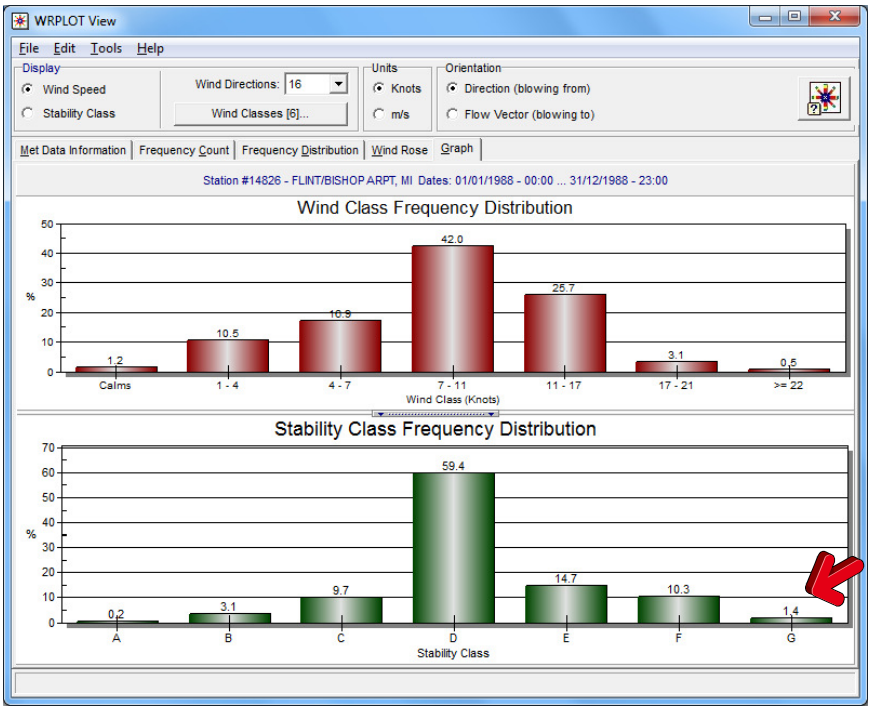
Topic	Feature Description
	
WRPLOT View	**Stability Class G Displayed for ISC Type Met Files** WRPLOT View Version 6.7.1 and below combined stability class G and F under one stability class (F). For this release, stability class G is being displayed separately under wind roses, graphs, and frequency tables. 

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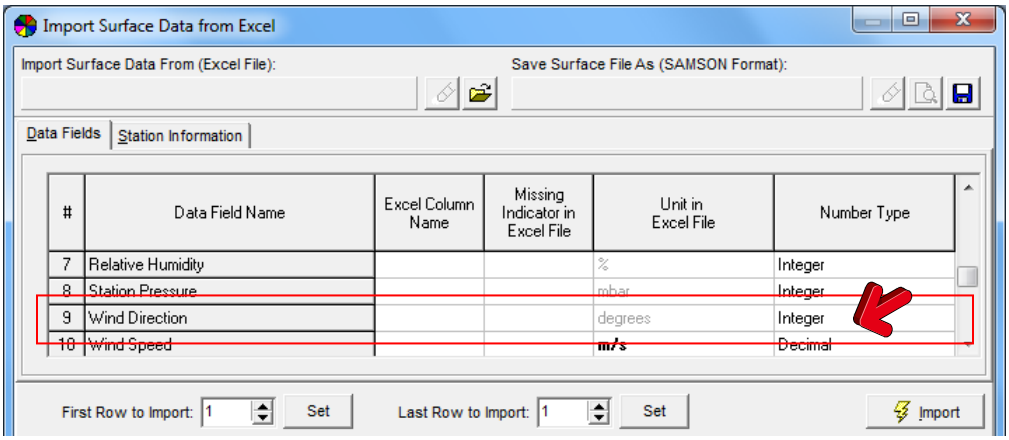
Topic	Feature Description
Utilities	**Import Surface Data from Excel Utility** Wind direction values were expected to be given always as **integers** in the Excel file in order to be correctly imported into the SAMSON format. With this released version, if any wind direction value within the Excel file is given as a **floating value**, the value will be automatically rounded and converted into an integer value when conversion to SAMSON format is performed. 

WRPLOT View Knowledgebase is accessible to all users at:

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

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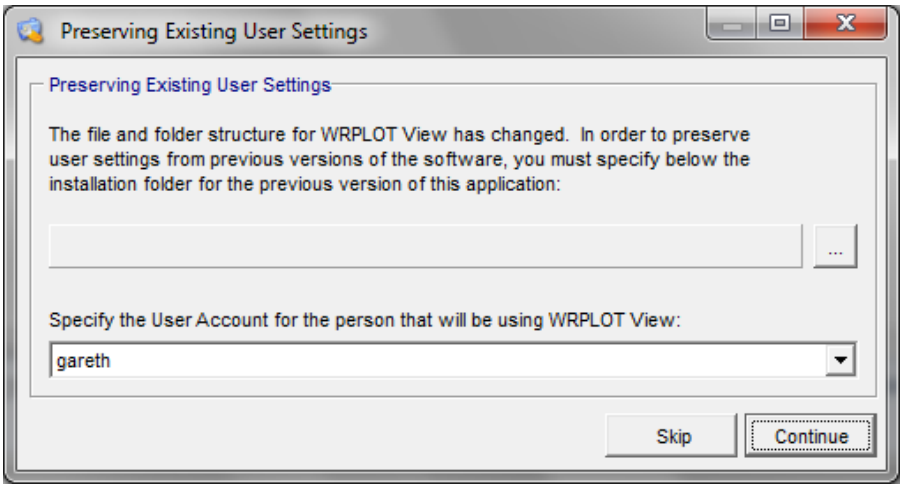
WRPLOT View™ Version 6.5.1

Release Notes

May 19, 2010

New Features

Topic	Feature Description
Installation	**Installation Directory** The default installation directory for WRPLOT View has changed. Previous versions were installed in "C:\Lakes\WRPLOTView" WRPLOT View Version 6.5 is installed in "C:\Program Files\Lakes\WRPLOT View" During installation, you will be prompted to provide the installation directory of the previously installed version of WRPLOT View in order to preserve your previous global settings. 

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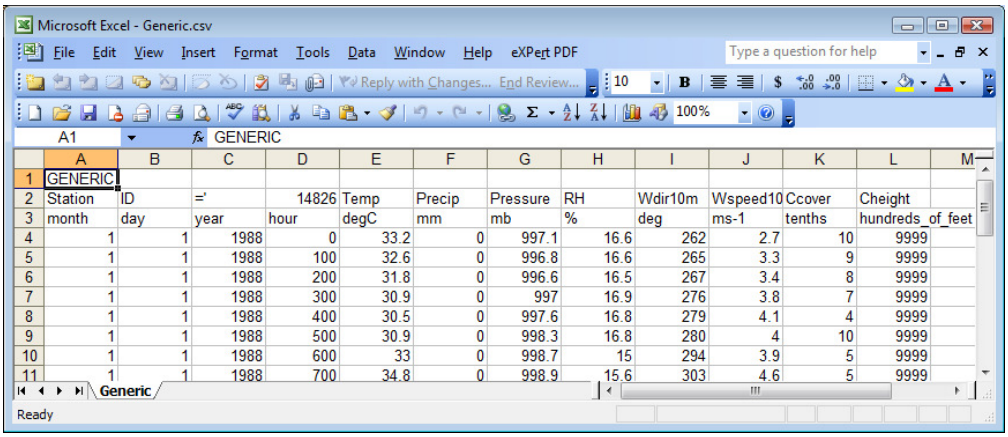
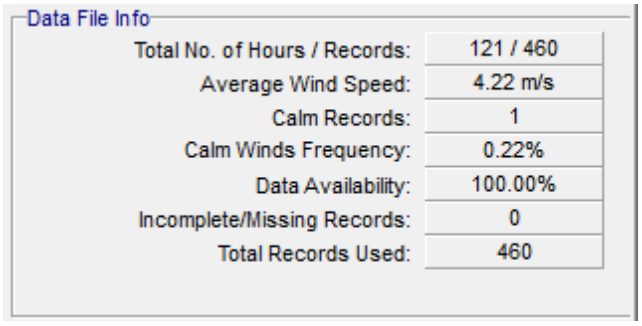
Topic	Feature Description
Met File Format	**Support for CALMET/CALPUFF Generic Format** WRPLOT View now supports the CALMET/CALPUFF Generic surface file format. The CALPUFF Generic format is a comma separated file format and is designed to be used with Version 6 of the CALPUFF modeling system. A sample file for the Generic format (Generic.csv) is available under the folder you chose to install the tutorial files: …\Lakes\WRPLOT View\Wrplot_Samples 
Met File Format	**Files with Multiple Records per Hour** When a file containing multiple records per hour is specified, both the total number of hours and the total number of records is specified. 

	A	B	C	D	E	F	G	H	I	J	K	L
1	GENERIC											
2	Station	ID	='	14826	Temp	Precip	Pressure	RH	Wdir10m	Wspeed10	Ccover	Cheight
3	month	day	year	hour	degC	mm	mb	%	deg	ms-1	tenths	hundreds_of_feet
4	1	1	1988	0	33.2	0	997.1	16.6	262	2.7	10	9999
5	1	1	1988	100	32.6	0	996.8	16.6	265	3.3	9	9999
6	1	1	1988	200	31.8	0	996.6	16.5	267	3.4	8	9999
7	1	1	1988	300	30.9	0	997	16.9	276	3.8	7	9999
8	1	1	1988	400	30.5	0	997.6	16.8	279	4.1	4	9999
9	1	1	1988	500	30.9	0	998.3	16.8	280	4	10	9999
10	1	1	1988	600	33	0	998.7	15	294	3.9	5	9999
11	1	1	1988	700	34.8	0	998.9	15.6	303	4.6	5	9999

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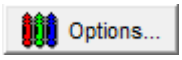
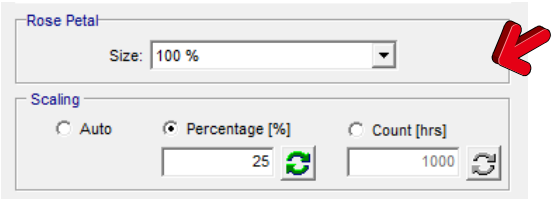
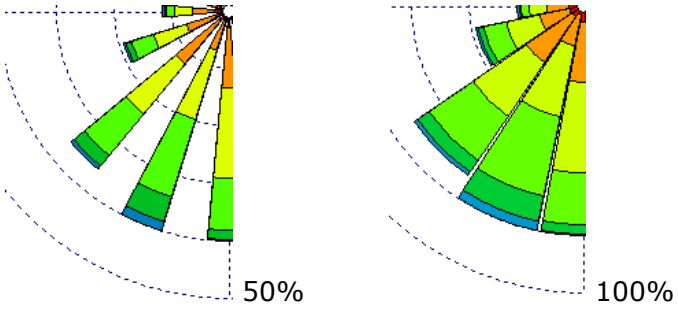
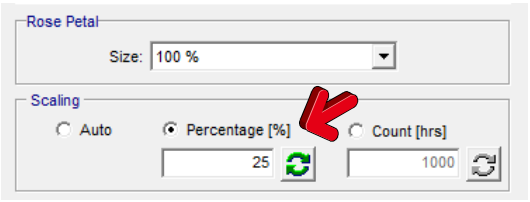
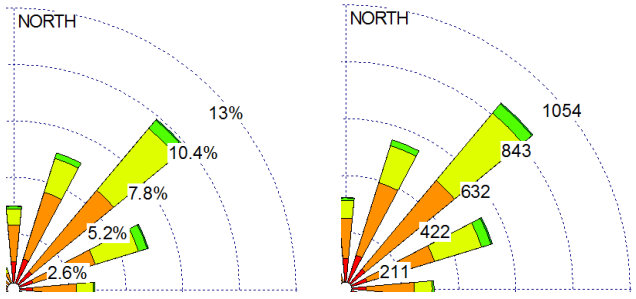
Topic	Feature Description
Graphical Options	**User Defined Petal Size and Scaling for Wind Roses** WRPLOT View now allows the user to specify the scale over which the wind rose is displayed as well as the thickness of the wind rose petals. These options are available under the **Wind Rose Options** dialog which can be accessed by pressing the  button. **Rose Petal Size:** This parameter specifies the percentage width of the wind rose petal. The range of values is from 50% to 100%.   50% 100% **Scaling Option** The Scaling option refers to the scaling display for the wind rose rings (circles). Five rings are displayed for the wind rose with an equal increment value. The user can control the frequency percentage value [%] or frequency count value [hrs] for the outer ring.   Frequency Percentage [%] Frequency Count [hours]

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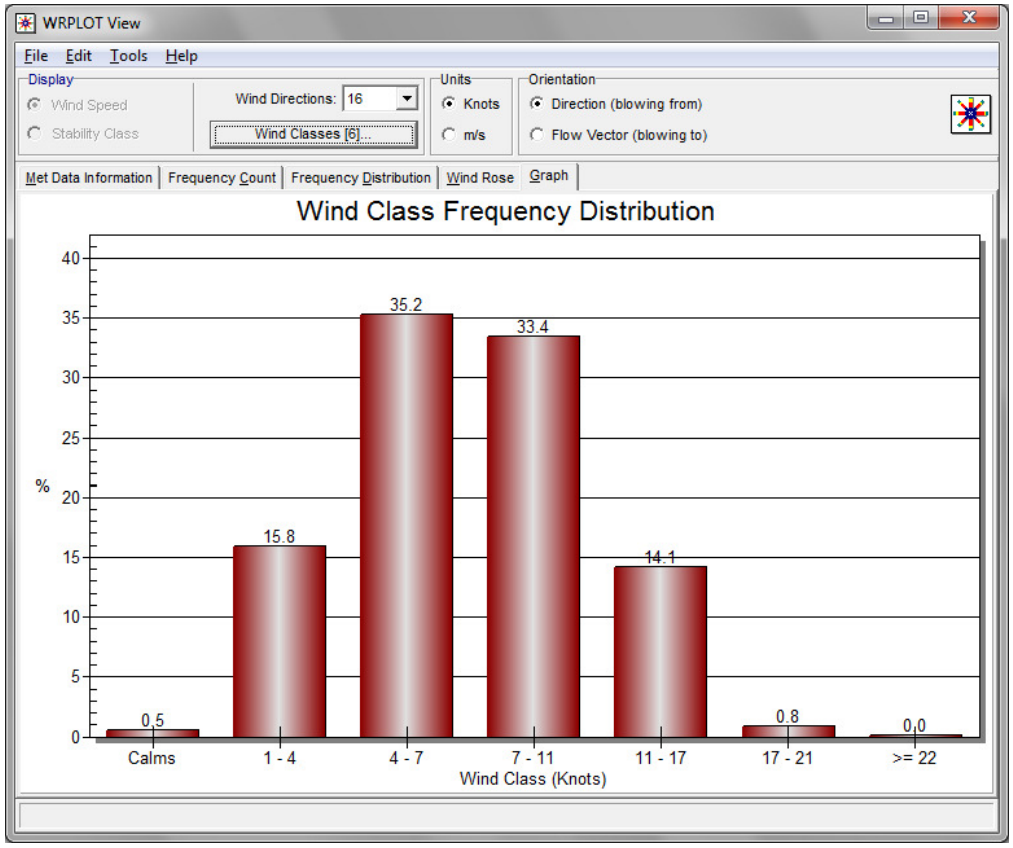
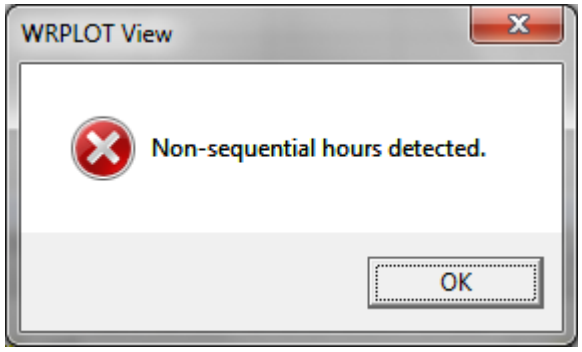
Topic	Feature Description
Graphical Options	**New 3D Look for the Bar Graph** The Visual presentation of the Wind Class Frequency Distribution has been updated. 
Import from Excel	**Non-Sequential Hour Check** The **Import Surface Data from Excel** tool now checks for non-sequential hours in the Excel file to be imported, and warns the user. 

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Resolved Issues

Topic	Issue Description
General	**Cursor Information** The cursor information pop-up was always displaying "export". Correct information is now displayed.
General	**Files with Multiple Records per Hour** WRPLOT View now provides correct totals of records for files that have multiple records per hour.
General	**Rain Rose Tab** When Precipitation Intensity is selected from the Tools Menu, the Rain Rose tab is now correctly labeled.
Met File Format	**CARB format** CARB files with a four digit year are now accepted by WRPLOT View.
Print Options	**User-Defined Scale** The user defined scale option in the print dialog has been removed as it does not apply to WRPLOT View.
Graphical Options	**Brush Selection** In the Wind Rose Options dialog, the brush selection for the petals was disabled.

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