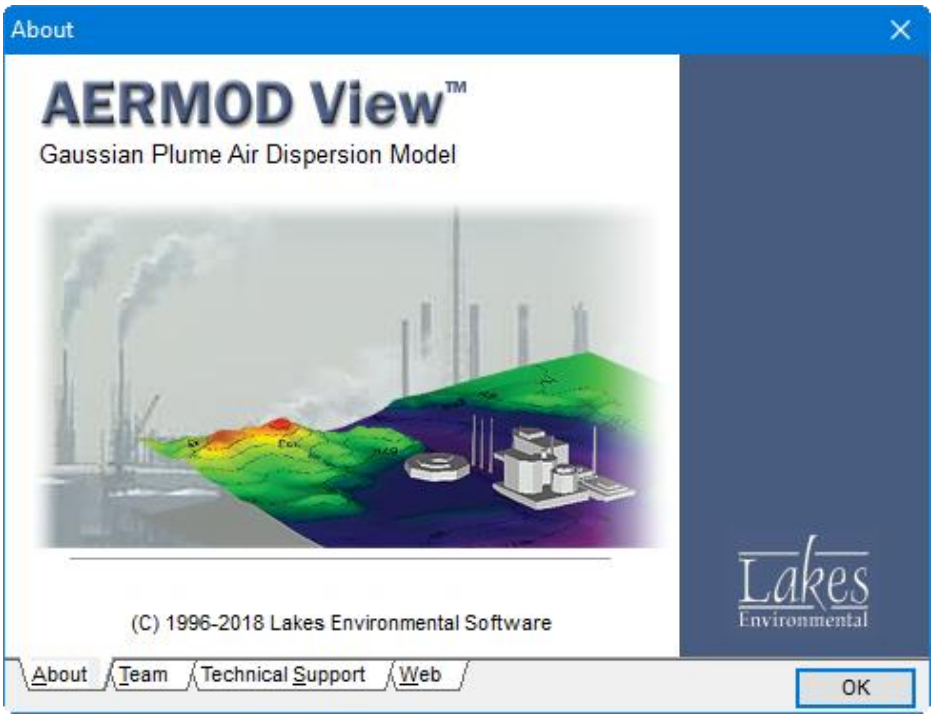
AERMOD View™

Gaussian Plume Air Dispersion Model - AERMOD

Release Notes

Versions 9.3, 9.4, 9.5, and 9.6.x



Lakes Environmental Software
Tel: (519) 746-5995 – Fax: (519) 746-0793
E-mail: **support@webLakes.com**
Web Site: **www.webLakes.com**

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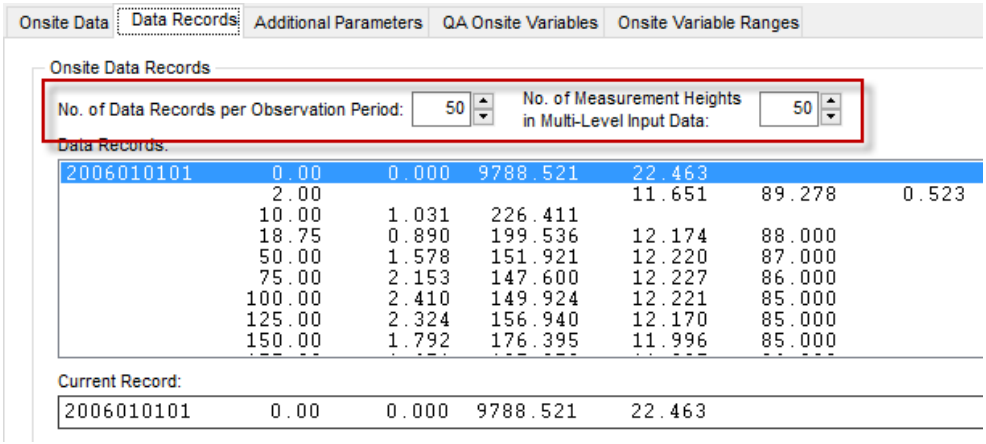
AERMOD View™ Version 9.6.5

Release Notes

September 28, 2018

Fixed Issues

Topic	Issue Description
AERMET View	**Onsite Data Records Limits Increased** To fully support prognostic model (WRF or MM5) output generated by the US EPA MMIF utility, the number of data records per observation period and number of multi-level measurement heights accepted by AERMET View were increased to 50. 
AERMET View	**Project Status Update** Corrected an erroneous message in Project Status that did not recognize an AERSURFACE output file in the Sectors tab without the user first reviewing the tab.
AERMET View	**Upper Air Estimator** A minor adjustment was made to the code to prevent unexpected shutdown of the Upper Air Estimator in rare cases.

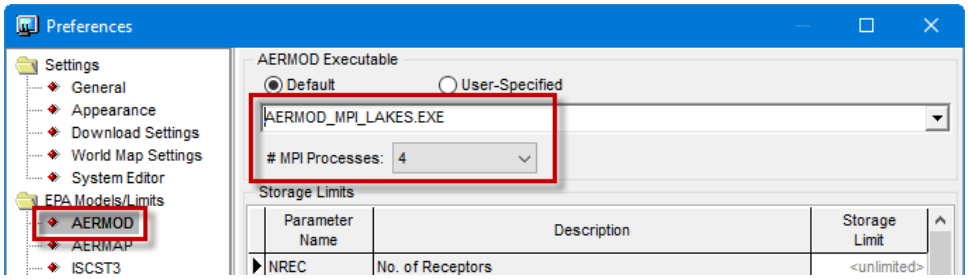
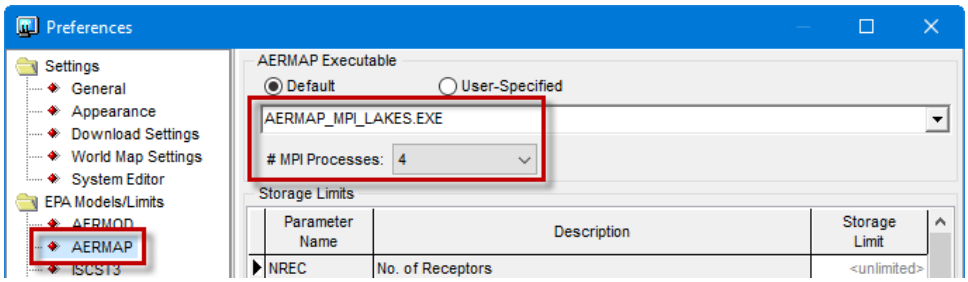
AERMOD View™ Version 9.6

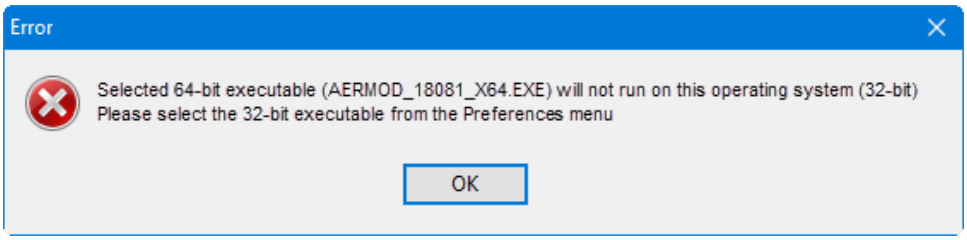
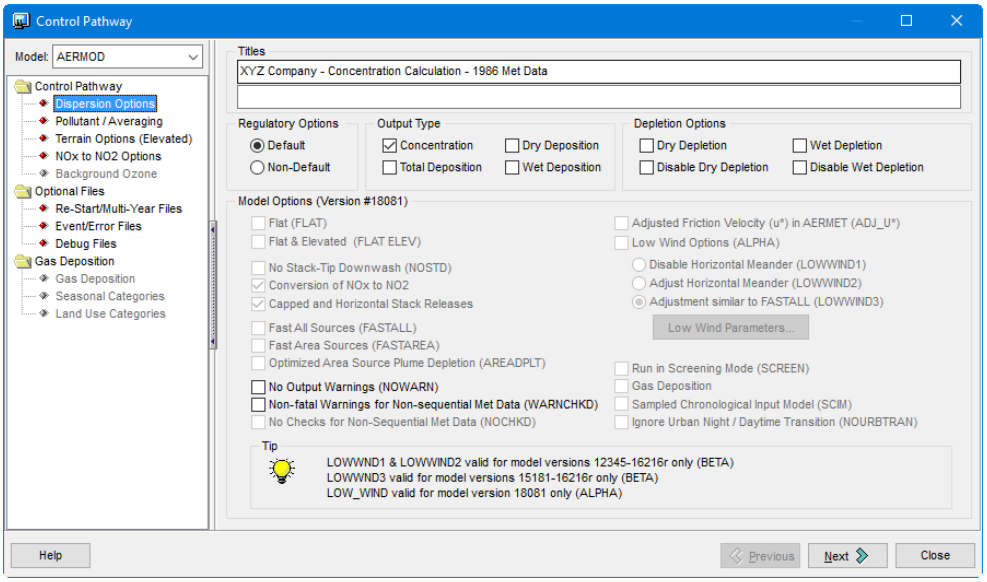
Release Notes

May 30, 2018

New Features

Topic	Feature Description
Models	**Latest Releases of US EPA Models Available** The following US EPA Models were released in April 2018 and are incorporated into AERMOD View & AERMET View Version 9.6: 1. AERMOD Model 18081 2. AERMET Model 18081 3. AERMAP Model 18081 **Note:** Installation includes both **64-bit** (X64) and **32-bit** (X32) compiled executables. Select the appropriate version for your operating system.
Models	**Removal of Outdated Model Executables** The AERMOD model has been in wide use since its 2005 promulgation as a preferred regulatory air dispersion model in the United States. Since that time, there have been over a dozen model releases by the U.S. EPA. Some of these releases contained significant updates to model routines and changes to calculation methodology. We have removed several outdated model executables from the installation to promote the current state of science while maintaining backwards compatibility for regulatory applications. The **supported** models include both EPA and MPI versions of the following: • AERMOD 12345, 13350, 14134, 15181, 16216r, 18081 • AERMET 12345, 13350, 14134, 15181, 16216, 18081 • AERMAP 18081 • BPIP-PRIME 04274 • AERSURFACE 13016 • AERMINUTE 15272

Topic	Feature Description
AERMOD MPI	**New Version of Lakes AERMOD MPI 18081 (Parallel Version)** A new version of the Lakes AERMOD MPI for the US EPA Model Version 18081 is now available (AERMOD_MPI_Lakes_18081.exe). Install includes 64-bit and 32-bit versions. You can specify to use this model under the **Preferences** dialog. **Note:** AERMOD_MPI_LAKES_18081.EXE or AERMOD_MPI_LAKES.EXE will run the latest version of the AERMOD model (18081) in parallel mode using up to a maximum of 8 cores. 
AERMAP MPI	**New Version of Lakes AERMAP MPI 18081 (Parallel Version)** A new version of the Lakes AERMAP MPI for the US EPA Model Version 18081 is now available (AERMAP_MPI_Lakes_18081.exe). Install includes 64-bit and 32-bit versions. You can specify to use this model under the **Preferences** dialog. **Note:** AERMAP_MPI_LAKES_18081.EXE or AERMAP_MPI_LAKES.EXE will run the latest version of the AERMAP model (18081) in parallel mode using up to a maximum of 8 cores. 

Topic	Feature Description
Models	**Operating System Check** To support proper model execution, error checks have been added to ensure users running 32-bit operating systems do not accidentally use 64-bit executables. 
Control Pathway	**Updated Dispersion Options** The **Dispersion Options** have been reorganized to support the AERMOD 18081 model changes and maintain backwards compatibility for model versions 16216r and earlier. The **Model Options** group heading still confirms which version of the model is selected in **Preferences**, and options are enabled or disabled according to the model version and regulatory status (Default or Non-Default). 

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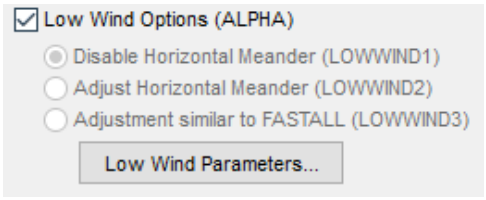
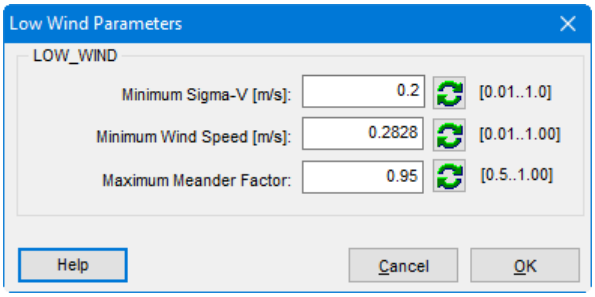
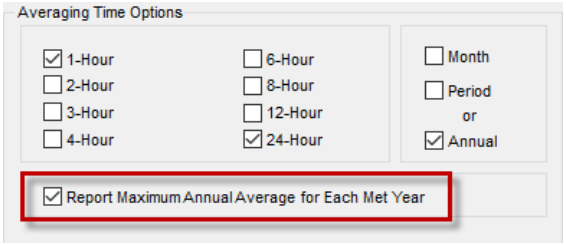
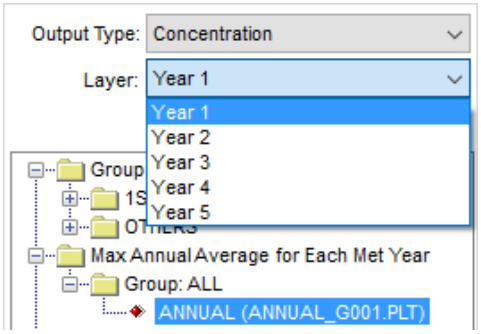
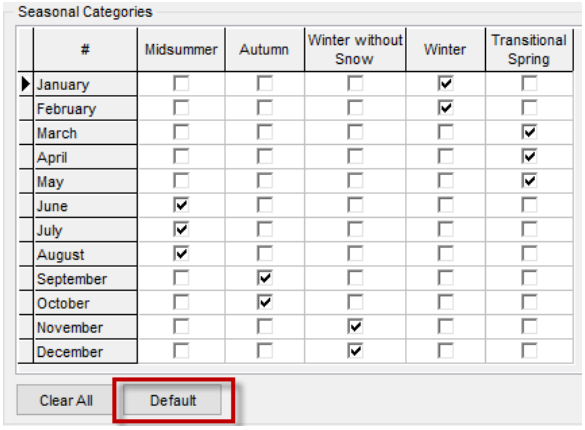
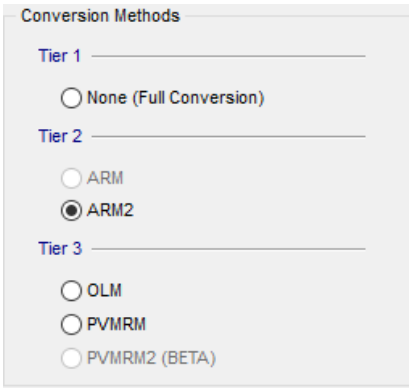
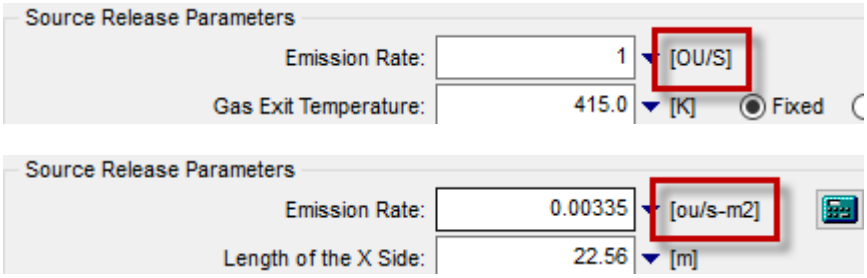
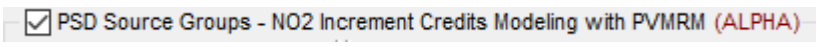
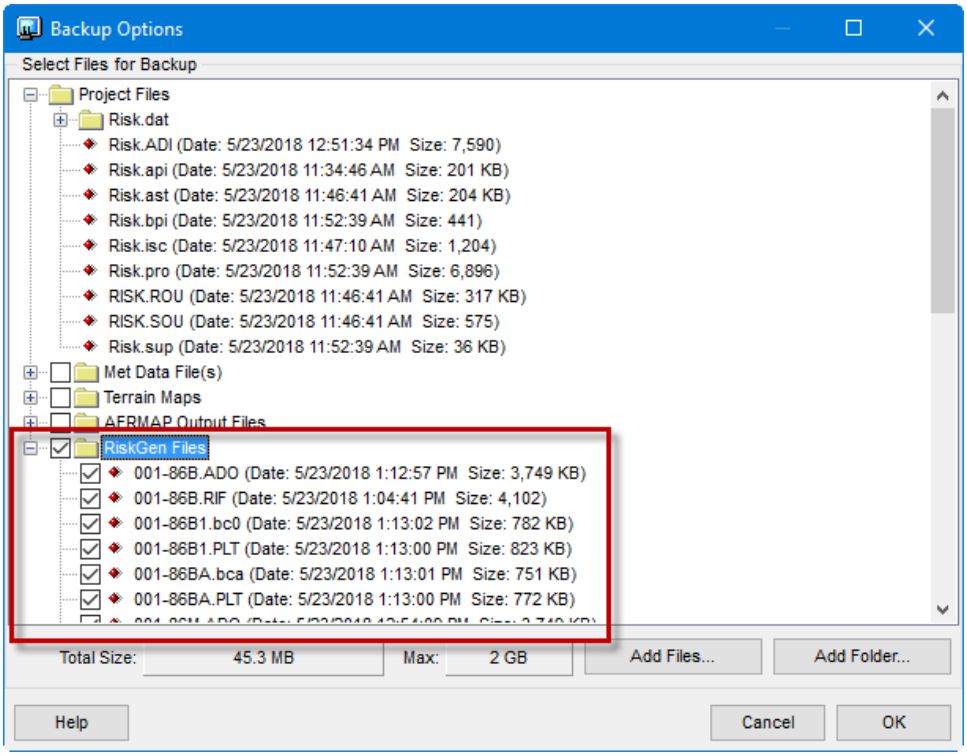
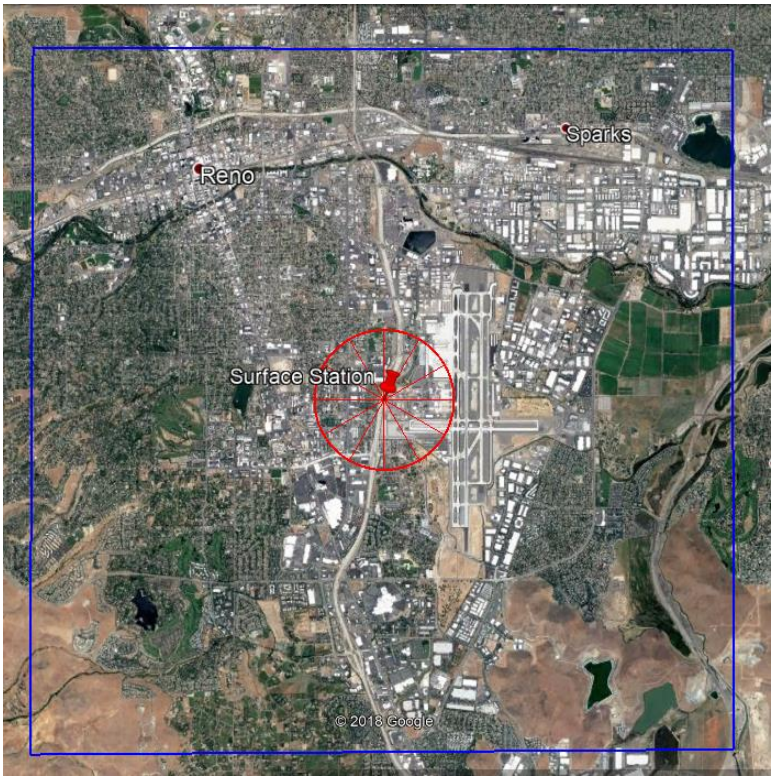
E-mail: support@webLakes.com
Web: www.webLakes.com

Topic	Feature Description
Control Pathway	**New ALPHA Model Keyword** The US EPA has added a new **ALPHA** keyword in AERMOD 18081 to distinguish research / experimental model options (ALPHA) from community-vetted options under consideration for promulgation (BETA). The ALPHA keyword will be automatically written to the model input file if a user selects an ALPHA option. Current ALPHA options are: • New option for handling low wind speeds (**LOW_WIND**) • Modeling NO2 increment credits with PVMRM (**PSDCREDIT**) **Note:** No BETA options exist in AERMOD 18081.
Control Pathway	**New Low Wind Options** The LOWWIND1-3 model options have been replaced with the new **LOW_WIND** model keyword accessible via the Low Wind Parameters button.   The new keyword allows modification of the Minimum Sigma-V, Minimum Wind Speed, and Maximum Meander Factor to improve model performance in stable, low wind speed conditions.

Topic	Feature Description
Control Pathway	**No Multi-Year Average When Reporting Maximum Annual Average For Each Met Year** The 'Report Maximum Annual Average For Each Met Year' option only produces the individual year results in AERMOD 18081. Previous model versions included the multi-year average values in the model-generated POSTFILE. Multi-year average concentrations are still available via the annual average Contour Plot file.  
Control Pathway	**Default Seasonal Categories** A Default button has been added to the Seasonal Categories dialog for Gas Deposition modeling. Default selections are based on the Hemisphere selected in **View | Map Projection**. 

Topic	Feature Description
Control Pathway	**Removal of NO2 Ambient Ratio Method (ARM)** AERMOD 18081 no longer supports the Ambient Ratio Method (ARM) for NOx to NO2 conversion. Results can be replicated by selecting ARM2 and setting the Minimum and Maximum ratios to the same value.  If importing an existing AERMOD input file containing the ARM option, a warning message will be issued.
Source Pathway	**Emissions Units for Odor** When 'Odor Units' is selected on the **Emission Output Units** options, the displayed units for Emission Rate in the Source Release Parameters will now be labeled as OU/S or OU/s-m**2. 
Source Pathway	**Updated PSD Groups Header** The header of the PSD Source Groups option for PVMRM now reflects the model option's status as an **ALPHA** option. 

Topic	Feature Description
RiskGen	**Project Management** Project files generated via the RiskGen utility are now stored in a project sub-folder <project_name>**.RSK**. This provides better organization of project files and makes it easier to find data when needed.
Project Backup	**RiskGen Files Included** AERMOD View's integrated project backup utility now includes all files produced via the RiskGen utility in support of modeling analyses for human health risk assessment. 
Project Status	**Variable Emissions Scenario Check** Project Status now issues a warning if sources are not included with a variable emissions scenario.

Topic	Feature Description
AERMET View	**Upper Air Estimator** The Upper Air Estimator utility has been updated for the AERMET 18081 model.
AERMET View	**New KML Export Objects** When exporting AERMET View project data to Google Earth, all projects now display sectors in accordance with the recommendations of Section 3.1.2 of the U.S. EPA's AERMOD Implementation Guide. This includes: • 10km x 10km area for calculating albedo & Bowen ratio • 1km radius for calculating surface roughness 

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E-mail: support@webLakes.com
Web: www.webLakes.com

Fixed Issues

Topic	Issue Description
Terrain Processor	**Downloading NED Data for Projects with Existing Tiles** NED 1 and NED 1/3 tiles will now be successfully downloaded from WebGIS even if existing tiles are already present in the project folder. Previous versions would issue an error if NED data already existed in the project folder.
Control Pathway	**Default Minimum NO2/NOx Ratio for ARM2** The default value for the ARM2 Minimum NO2/NOx Ratio model option has been reset to 0.50 in accordance with regulatory guidance.
Meteorology Pathway	**Loading File Information** The Surface Met Data and Profile Met Data groups of the Met Input Data options will complete all of the Start Date, End Date, Version, Calms, and Missing fields when the Surface and/or Profile files are input and the corresponding file exists in the same location. 
Receptor Pathway	**Flagpole Heights Option** Two issues involving the Flagpole Heights option were resolved: 1. When importing receptors from an AERMOD input file with the Flagpole Heights option enabled, Hill Heights were incorrectly applied to the Flagpole Heights column for discrete receptors. 2. Individual flagpole heights are now applied to onsite receptors.
Reports	**Sensitive Receptor Summary Report** This report was updated to include all sensitive receptors in the report. The previous release only reported the first four sensitive receptors.

Topic	Issue Description
Reports	**Results Summary Peak Date Update** The Results Summary report was modified to remove any date and hour information from Deposition results. Those values are specific to concentration results only in AERMOD's contour plot file.
AERMET View	**Warnings List Updated** When using the "Read Mixing Heights from Onsite Data" option, the application issued an incorrect warning message stating that Upper Air data was missing. This warning no longer appears.
AERMET View	**AERSURFACE File Option Retained** The "Use AERSURFACE File Instead of Sector & Surface Parameters" option would become disabled if the user left and returned to the Sectors tab. While the model always used the user-specified selection, the selection is now properly retained within the interface.
AERMET View	**Onsite QA Table Updated** Values on the Onsite Variable Ranges table were corrected to match Table B-4 of the US EPA AERMET user's guide.
AERMET View	**Upper Air Estimator Fix** In very rare instances, the Upper Air Estimator encountered an early termination due to solar elevation angle. This has been fixed for AERMET version 16216 and later.
WRPLOT View	**Wind Classes Table** When supplying new values to the Wind Classes table, the From column would not automatically update when switching units from m/s to knots. This has been fixed.

Known Issues

Topic	Issue Description
AERMOD 16216r	**Receptor Order Bug** There is a bug in the US EPA's code related to receptor exclusion when calculating PRIME downwash effects. There exists the potential for model results to change based upon the order of receptors in the input file. This bug has been resolved with the US EPA AERMOD 18081 model release.
New Project Wizard	**No Spaces in Project Name with ISC** The ISCST3 and ISC-PRIME models are included in AERMOD for backwards compatibility purposes. Due to limitations in their code, these models will issue a fatal error if the project name contains spaces or special characters.

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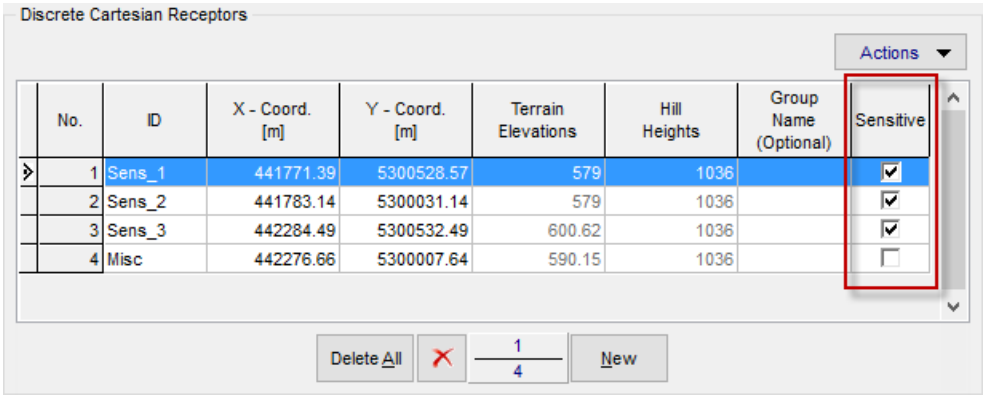
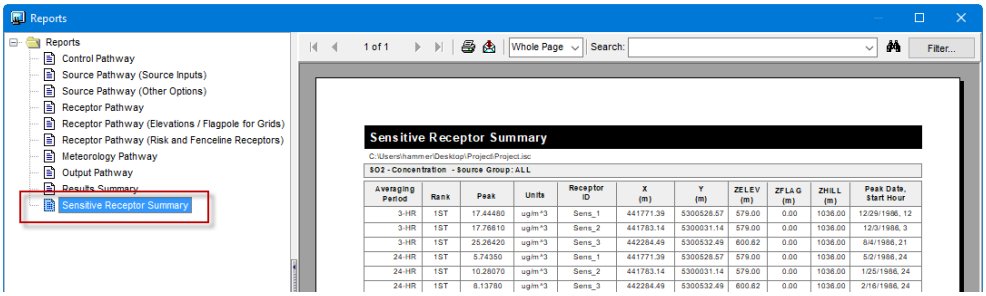
E-mail: support@webLakes.com
Web: www.webLakes.com

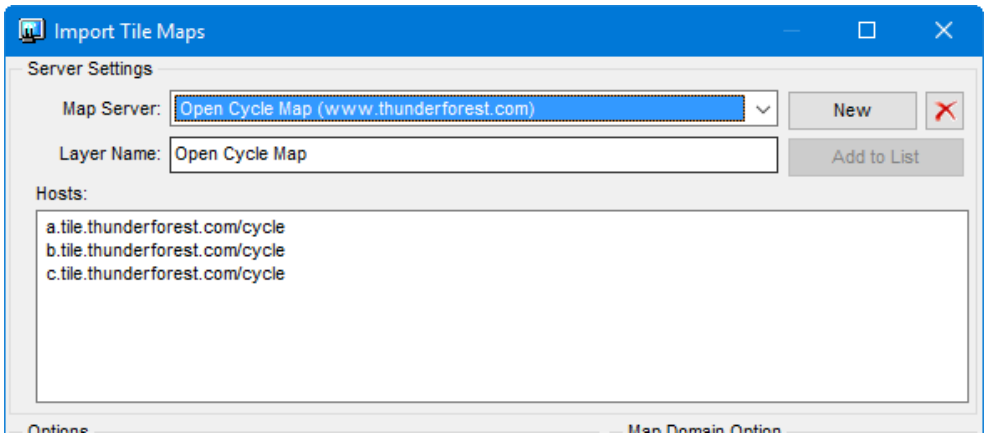
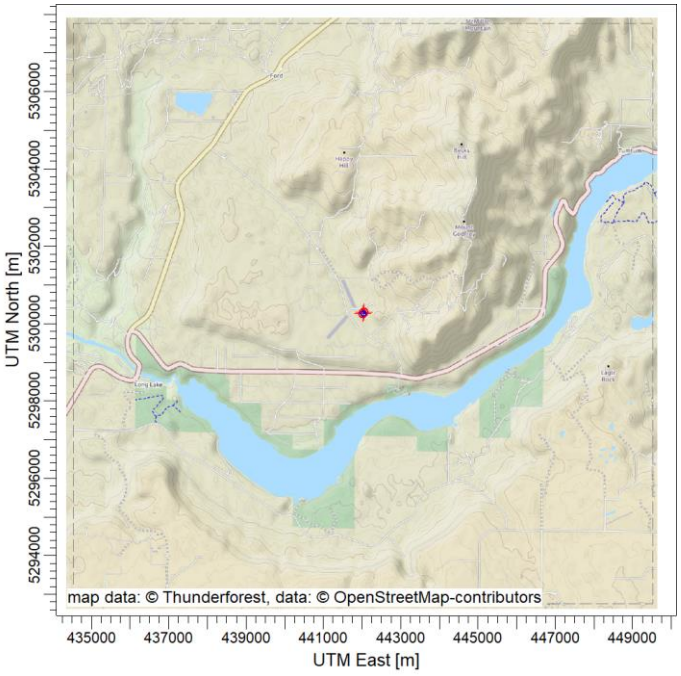
AERMOD View™ Version 9.5

Release Notes

September 18, 2017

New Features

Topic	Feature Description
Receptor Pathway	**Sensitive Receptor Summary Report** Modelers can now flag discrete receptors as Sensitive, and AERMOD View will produce a Sensitive Receptor Summary Report which details concentrations at the flagged receptors. This is useful when needing to quickly find concentrations at specific receptors.  

Topic	Feature Description
Tile Maps	**Updates to Open Cycle Maps** The Open Cycle Maps server was updated to reflect the most up-to-date server settings and map hosts.  

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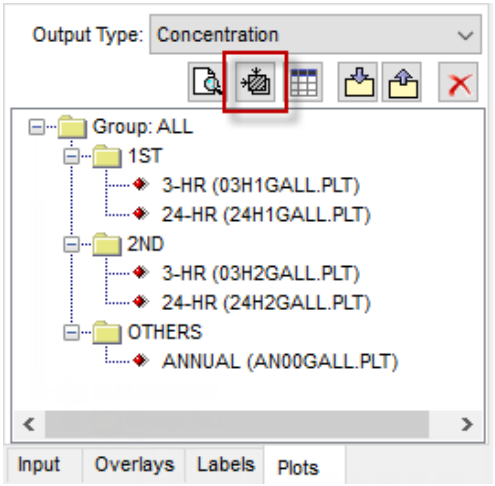
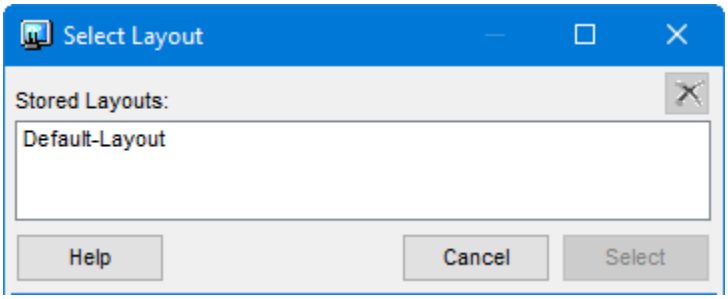
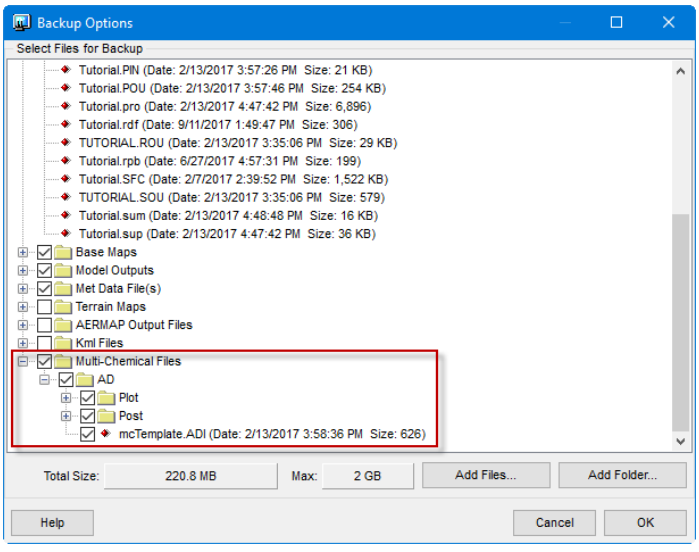
Topic	Feature Description
Plots	**Zoom to Plot File** The Plots Tree View now includes a Zoom to Plot File button to quickly zoom to the extents of a selected plot file. This was done to increase efficiency when moving around a modeling domain. 
Graphical Options	**New Layouts Functionality** The Layout feature has been updated to include all Contours settings in a single Layout. Importing from or exporting to a Layout now includes all sub-headings under the **Contours** folder. All Layouts settings can be applied to multiple contour plots at one time. To apply settings to multiple plots, use Ctrl+Click on the **Plots Tree View**. 

Topic	Feature Description
Reports	**Expanded Decimal Values** The numeric field format was updated for Source Pathway (Source Inputs) reports to include a minimum of two decimal places with each parameter. **Source Pathway - Source Inputs** AERMOD Point Sources Source Type / Source ID / X Coordinate [m] / Y Coordinate [m] / Base Elevation (Optional) / Release Height [m] / Emission Rate [g/s] / Gas Exit Temp. [K] / Gas Exit Velocity [m/s] / Stack Inside Diameter [m] POINT / STCK1 / 442023.00 / 5300264.00 / 583.37 / 60.00 / 1.00000 / 415.00 / 11.00 / 5.00 POINT / STCK2 / 442058.00 / 5300289.00 / 585.05 / 50.00 / 1.00000 / 350.00 / 10.00 / 1.00
Multi-Chemical Run	**Support for Non-Consecutive Years** The Multi-Chemical Run Utility now includes support for multi-year meteorological data files which contain non-consecutive years. The AERMOD model supports this so long as the gaps in meteorological data only span entire years.
Project Backup	**Multi-Chemical Run Utility Files Included** AERMOD View's integrated project backup utility now includes all files produced via the Multi-Chemical Run Utility.  **Note:** Because Multi-Chem relies on use of 1-hour average Post-Processing files (POSTFILE), Backing up the **Post** folder will lead to very large archive files. The POSTFILEs must be included to produce new contour plots in the future without executing AERMOD again.

Topic	Feature Description
Import Buildings	**Updates to DXF Object Import** The Import Buildings from DXF function was updated to better identify objects in the DXF file for better importing. **Note:** Not all DXF objects are recognized as buildings. AERMOD View imports line, polyline, and polygon objects. Line objects must have starting and ending points within 0.1 meter for the structure to be recognized.
Met View	**Expanded SFC File Header Support** Met View now supports the expanded Version information produced by AERMET 16216 including 1-minute threshold, adjusted u-star, and data substitution routines.

Fixed Issues

Topic	Issue Description
Source Pathway	**Hourly Emission File Source Order** When preparing an hourly emission file via the Hourly Emission File Maker utility, AERMOD View now orders the sources according to the listing in Source Inputs to avoid fatal errors during the model run.
Source Pathway	**Input File Build with Large Ozone Concentration Arrays** When supplying Background Ozone data, the largest tables (e.g., By Month / Hour / Seven Days) would cause a failure when preparing the model input file. This has been resolved.
Receptor Pathway	**Import Intermediate Plant Boundary Receptors with Flagpole** When importing plant boundary receptors, flagpole heights will now be included with intermediate receptors.
Receptor Pathway	**Export Nested Grid Receptors to CSV** The Export to CSV option in the Actions menu of Nested Grid receptors was corrected to allow export of all generated receptors.

Topic	Issue Description
Output Pathway	**Plot File Generation for Empty Percentiles** AERMOD View produced an error message when projects contained no concentrations at some receptors while calculating percentiles.
Base Maps	**DXF Offset** When a DXF file was imported as a base map, any offset values applied were lost when the project was closed and subsequently re-opened. This has been resolved.
Base Maps	**File Name Checks** The check run on map file name were updated for files containing non-ANSI characters. These files are now converted to their standard DOS name during the import process.
MAKEMET Utility	**Fix for Assigning New File Names** When assigning new file names to the PFL or Log files, an incorrect file extension was applied which prevented successful utility execution. This has been resolved.

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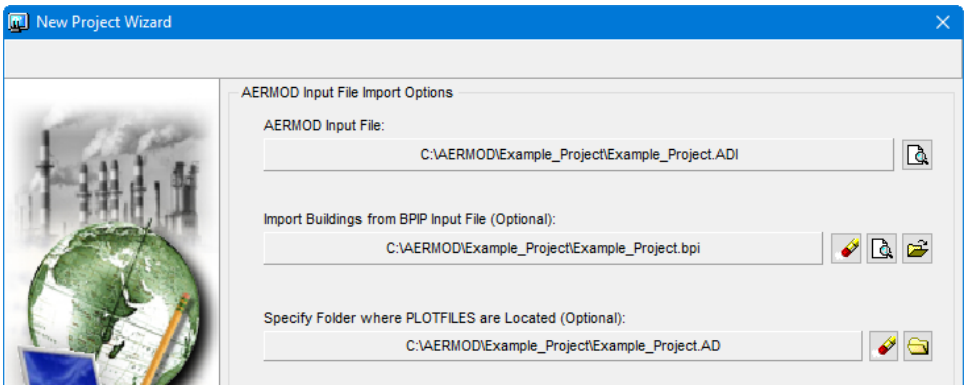
E-mail: support@webLakes.com
Web: www.webLakes.com

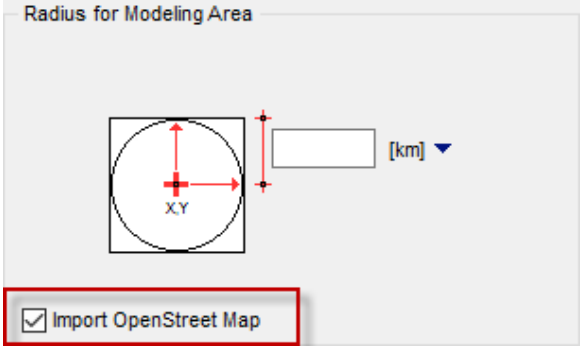
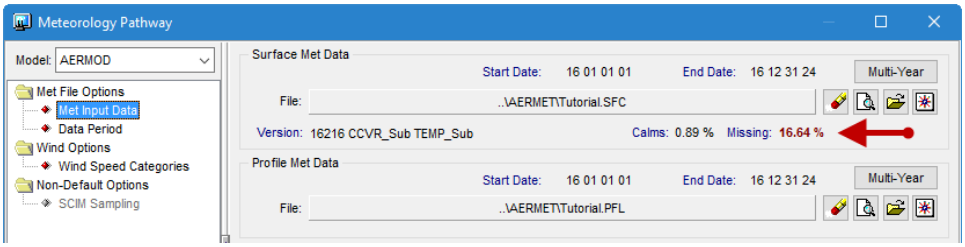
AERMOD View™ Version 9.4

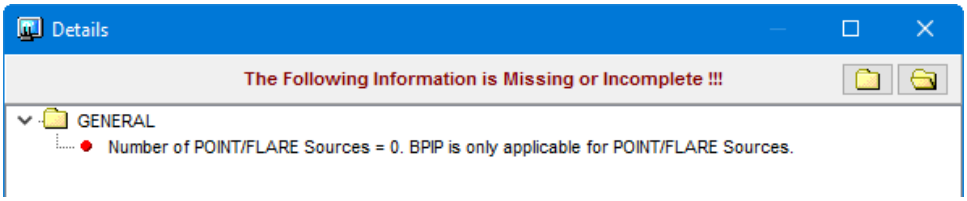
Release Notes

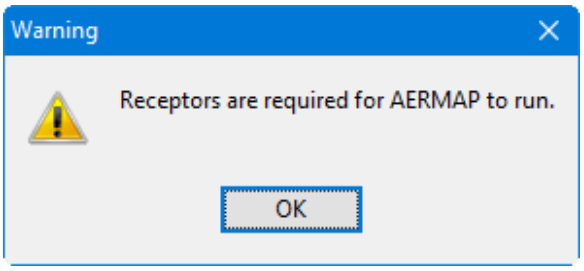
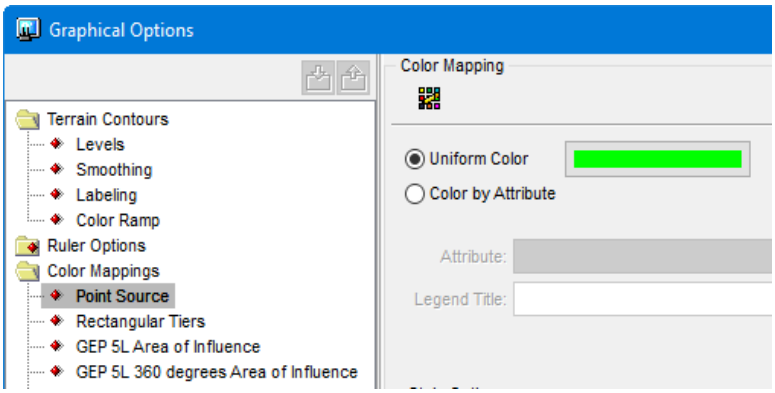
May 11, 2017

New Features

Topic	Feature Description
Models	**Updated AERMET Model 16216** The previous AERMET executable dated 16216 contained a bug which made it incompatible for 32-bit operating systems. The US EPA subsequently released an updated version of the model, and that update is now available in AERMET View. **NOTE:** This change does not impact any data files produce using the previous AERMET 16216 model. It only restores 32-bit compatibility to the executable.
New Project Wizard	**New Import from AERMOD Input File Options** Starting new AERMOD View projects from existing AERMOD input files now allows users to include associated BPIP input files and contour plot files. This makes it easier to open AERMOD projects that were not originally created with AERMOD View. **NOTE:** Contour plot files are imported from a folder location, so all plot files must be included in the same folder. 

Topic	Feature Description
New Project Wizard	**Default Import of OpenStreet Map Tile Maps** The option to automatically import the OpenStreet Map tile maps data is now selected by default when starting a new project. **NOTE:** Tile Maps are only available for users with a current maintenance agreement. 
New Project Wizard	**New Range Checks for Starting Coordinates** Checks were added to help avoid starting projects in an incorrect location. Conversion between UTM and Lat/Long values are now limited to valid UTM coordinate ranges.
Met Pathway	**Data Quality Added to the Surface Met Data Section** The **Surface Met Data** section was expanded to include data quality information regarding the **percentage of calms and missing hours**. This information can assist users in determining if their data meets minimum requirements.  **Note:** When number of missing hours exceeds 10%, the value is displayed in marron color instead of black to warn modelers that the data may not be acceptable for regulatory applications.

Topic	Feature Description
File Menu	**Expanded Recent Files List** The list of recent files in the File menu now displays the 6 most recently-opened files. Previously, this list was limited to 4 files.
Receptors	**Uniform Cartesian Grid Default Coordinates** When adding a uniform cartesian grid to a project, the default coordinates was changed from SW corner to center.
Export	**XLSX Support for Exporting Buildings** The Export | Buidlings command now defaults to XLSX format to allow for additional vertice pairs since XLS was limited to 255 columns.
Project Status	**New Range Checks for Source Parameters** Additional checks were added for Release Height and Exit Temperature values. A warning is issued if the Release Height exceeds **600 meters**. An error is issued if the Exit Temperature is less than **200 K**.
Project Status	**Updated Building Downwash Checks** When running AERMOD, additional checks were added to avoid automatic processing of BPIP-PRIME when a project contains no point or flare sources. For BPIP-PRIME processing, the error message now provides clarification regarding supported source types. 

Topic	Feature Description
Terrain Processor	**New Receptor Warning** The Terrain Processor now issues a warning if receptors are not present in the project and the user tries to run AERMAP as receptors are required to run AERMAP. 
Graphical Options	**Project-Specific Color Mapping Settings** Color Mapping selections made by the user will now remain selected after closing a project. 

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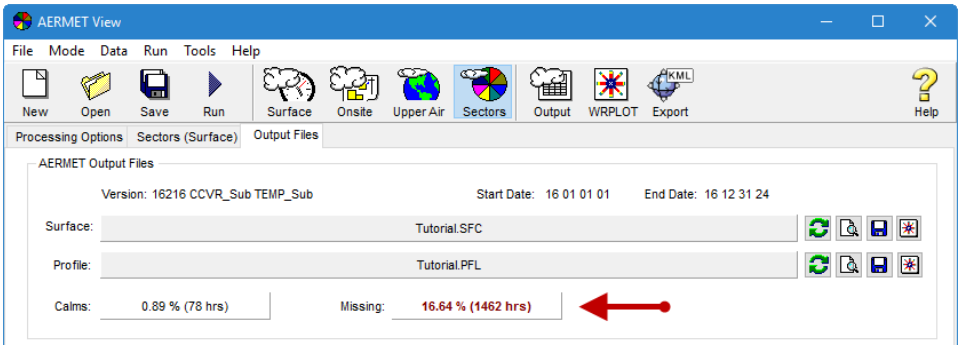
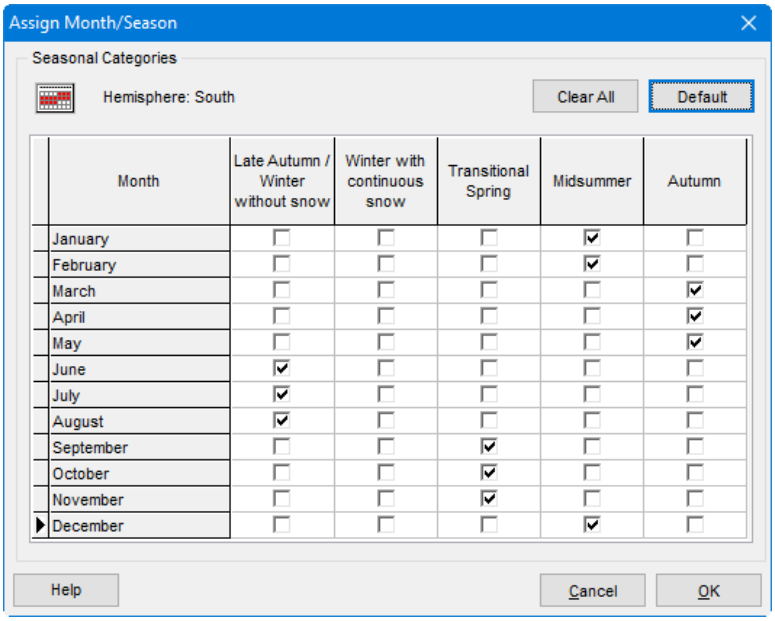
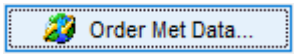
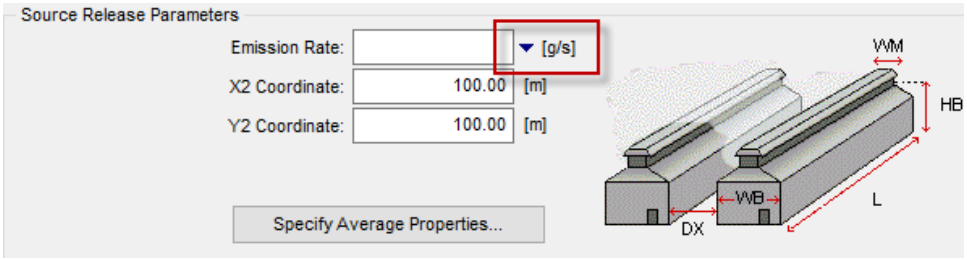
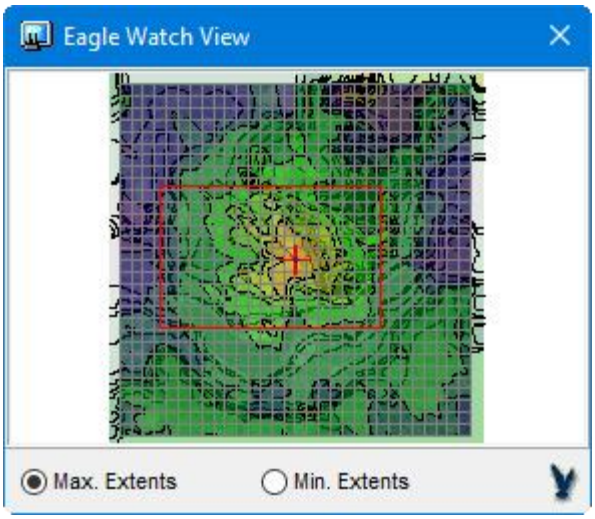
Topic	Feature Description
AERMET View	**Data Quality Added to Output Files Display** The **AERMET Output Files** section was expanded to include data quality information regarding the number (and percentage) of **calm** or **missing hours**. This information can assist users in determining if their data meets minimum requirements.  **Note:** When number of missing hours exceeds 10%, the value is displayed in marron color instead of black to warn modelers that the data may not be acceptable for regulatory applications.
AERMET View	**Updated Month/Season Assignments for Southern Hemisphere** The **Assign Month/Season** option in the **AERSURFACE** utility was updated so the default seasonal assignments reflect the local seasons. 

Topic	Feature Description
AERMET & AERMOD View	**Order Met Data**  The **Order Met Data** button was added to the **Met Pathway** window in AERMOD View and to the main window in AERMET View. This takes you to Lakes Environmental's Met Services webpage for ordering worldwide AERMET-Ready MM5 or WRF data or US-based AERMOD-Ready meteorological station data. https://www.weblakes.com/services/met_order.html
Installation	**Prevention of Old Version Installation** The application installation file was updated to no longer allow installation of previous releases when a newer version is already installed. The newer version must now be uninstalled before an earlier version can be installed.

Fixed Issues

Topic	Issue Description
Control Pathway	**Updated NOx to NO2 Options Heading** The group heading for the NOx to NO2 Options was updated for model version 16216r. The previous release incorrectly labeled these as Non-Default options when the Default options setting was used.
Output Pathway	**Rolling Averages** Support was restored for creating rolling average contour plot files without a corresponding percentile value specified. The process was also optimized to avoid running out of memory during calculation.
Multi-Chemical Run	**Fixed Status Messages** The Status column was updated to avoid false positive checks (e.g., "Bad Format" when not properly reading the meteorological data file locations).

Topic	Issue Description
Import	**Restored Import of Building Descriptions** When importing buildings from a BPIP input file, the description field was cut off if a space was present. This has been resolved.
Reports	**Output Type and Depletion Options Updated** The **Control Pathway** report was not properly printing the dispersion and depletion options. This has been resolved.
Sources	**Updated Buoyant Line Source Emission Rate Unit** The emission rate unit for buoyant line sources was updated to g/s after a clarification regarding a typo in the model documentation for the original implementation of this source type. 
Buildings	**Reset Wind Flow Vector Window Location** Previously, the window position of the GEP Structure Influence Zone's Wind Flow Vector was stored. This now resets to the default location so the window does not become lost off screen when using a different screen resolution from that which previously opened the project.

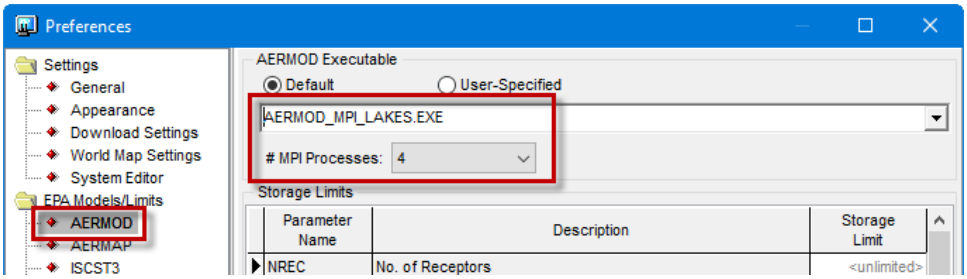
Topic	Issue Description
Eagle Watch View	**Range Check Error Resolution** The **Eagle Watch View** issued a "Range Check Error" when initially switching between the Max and Min Extents. This has been corrected. 
AERMET View	**Seasonal Surface Parameters Label Updated** When using the Seasonal Period option for defining surface characteristics, labels for Southern Hemisphere projects displayed seasonal names which could be misinterpreted. These labels have been replaced with months so users can be sure to which time period the specified values apply.
AERMET View	**Upper Air Pathway Not Reading FSL Files** AERMET View was not properly reading the longitude from FSL files due to a lack of spacing between the coordinates when the station had a longitude > 100°E. This has been fixed.

AERMOD View™ Version 9.3

Release Notes

February 15, 2017

New Features

Topic	Feature Description
Models	**Latest Releases of US EPA Models Available** The following US EPA Models were released in December 2016 and January 2017 and are incorporated into AERMOD View Version 9.3: 4. AERMOD Model 16216r (Released January 2017) 5. AERMET Model 16216 (Released December 2016) 6. MAKEMET Model 16216 (Released December 2016) **Note:** AERMOD 16216r **will not run** using met data created using AERMET **11059 or earlier**. Old met data must be re-processed using a more recent version of AERMET (preferably 16216) or the modeler must use an older version of the AERMOD model.
AERMOD MPI	**New Version of Lakes AERMOD MPI 16216r (Parallel Version)** A new version of the Lakes AERMOD MPI for the US EPA Model Version 16216r is now available (AERMOD_MPI_Lakes_16216r.exe). You can specify to use this model under the **Preferences** dialog. **Note:** AERMOD_MPI_LAKES_16216r.EXE or AERMOD_MPI_LAKES.EXE will run the latest version of the AERMOD model (16216r) in parallel mode using up to a maximum of 8 cores. 

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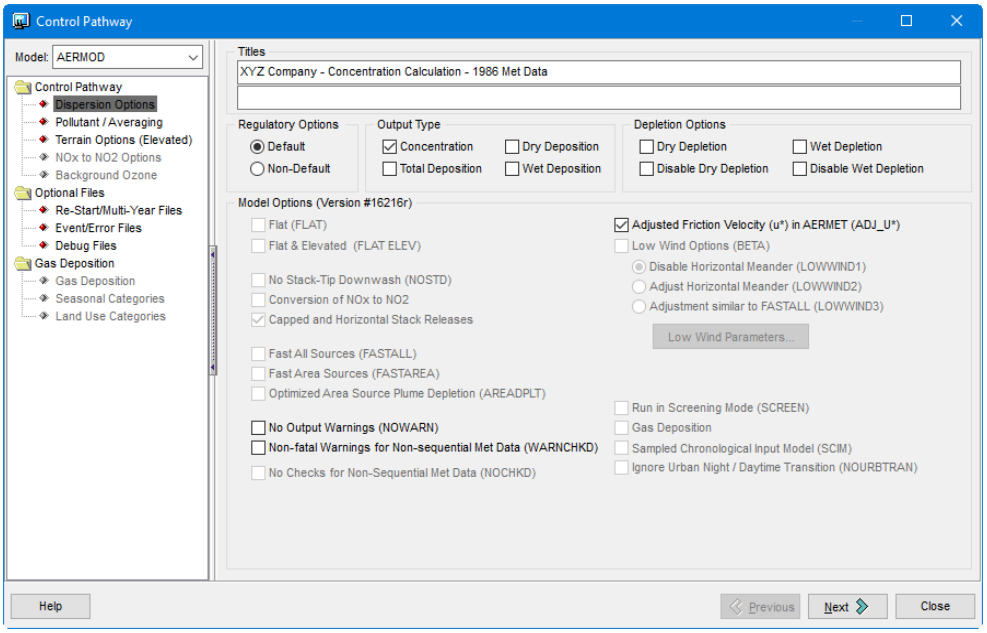
Topic	Feature Description
Control Pathway	**Revamped Dispersion Options** The **Dispersion Options** page has been reorganized to support the US EPA 16216r changes and maintain backwards compatibility for model versions 15181 and earlier. The **Model Options** group heading now confirms which version of the model is selected in **Preferences**, and options are enabled or disabled according to the model status (Default or Non-Default Regulatory Options). 

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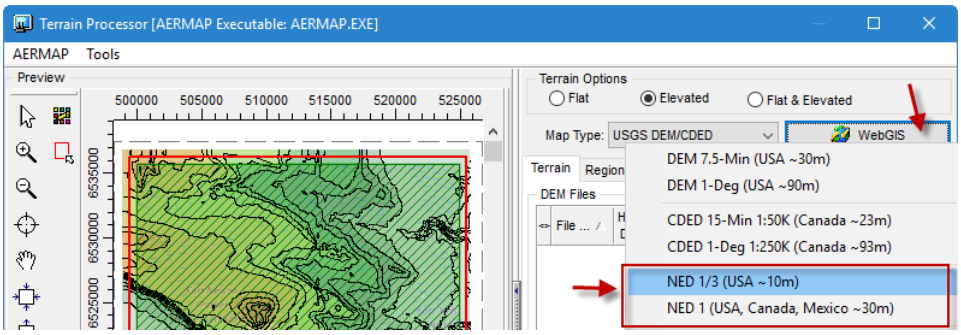
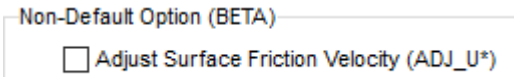
Topic	Feature Description
Terrain Processor	**Updated NED Download Routines** The process for downloading USGS National Elevation Dataset 1/3 arc-second (NED 1/3) and 1 arc-second (NED 1) data formats has been updated to reflect a name change implemented by USGS in their storage servers. The updated download includes updated tiles in some locations. 
Plume Animation	**Implementation Updates** Added options for selecting / de-selecting source groups when the **Show Plume Animation** option is enabled. Also, improved handling of source groups included adding warnings to the **Details** window to ensure the correct plume animation output is displayed. 
Risk Mode	**Supported Feature Improvements** Risk Mode was updated to integrate more fully the latest AERMOD model features. Changes include: • Inclusion of circular area and polygon area source types in RiskGen • Incorporation of required gas deposition parameters for vapor and vapor mercury pathways • Updated program warnings and details messages to clarify project status. • Bug fixes and internal efficiency improvements
Project Status	**Improved Error Handling** The Details and Warnings have been updated to provide additional information to users and prevent errors from occurring.

Topic	Feature Description
AERMET View	**New US EPA AERMET Model Version 16216** On December 20, 2016, the US EPA released a new version of the AERMET model (16216). For a complete description of the changes, please see the US EPA Model Change Bulletin #7 (MCB#7). This new AERMET model version was incorporated into the software as the default model version. Older model versions are also available.
AERMET View	**Updated Group Heading** The adjusted u-star (ADJ_U*) group heading was adjusted based on the US EPA 16216 model updates. When running AERMET 16216, the heading reflects the regulatory default status of this option (assuming no onsite turbulence data is included).  *AERMET 15181 and earlier*  *AERMET 16216*
MAKEMET Utility	**New US EPA MAKEMET Model Version 16216** On December 20, 2016, the US EPA released a new version of the MAKEMET model (16216). The MAKEMET Utility was updated to use this version of the executable.

Fixed Issues

Topic	Issue Description
Source Pathway	**Set All Gas Deposition Parameters to Real Values** In previous versions, input values not explicitly listed as real values would be written as integers. This lead to an 'illegal numerical field' error. The application now correctly writes these values as reals in the input file.

Topic	Issue Description
Source Pathway	**Copy / Paste Update for Gas & Particle Data** Resolved a problem where the copy and paste buttons on the Gas & Particle Data settings would be lost when modifying the Source ID of the pasted parameters.
Meteorology Pathway	**Updated MAXDCONT # Met Years Option** Fixed an issue where the drop-down box for the # Met Years field would not appear even when input criteria was met.
Receptor Pathway	**Discrete Polar Receptor New Button** Previously, discrete polar receptors could only be added using the Tab or Arrow Down keys as the New button would produce an error. This has been fixed.
Import	**Import Buildings from BPIP Input File** Updated the process for importing buildings from existing BPIP input files. The update allows for expanded support for non-standard input file conventions.
Percentiles	**Updated Date and Rank Columns in Contour Plot Files** When preparing percentile contour plot files, the date and rank columns were filled in with data from a different receptor reference than the receptor containing the reported concentration. The columns now reflect the values associated with the reported concentration. This update does not change calculated concentration values.
Multimedia	**Restored Codec Selection** When choosing **Advanced Settings** for recording animations, the **Select Codec** button did not always work. This has been restored.
MAXTABLE Viewer	**Table Sort Update** When sorting the MAXTABLE Viewer data value column (e.g., Concentration, Dry Deposition, etc.), the value was sorted as a string instead of number. This has been resolved.

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