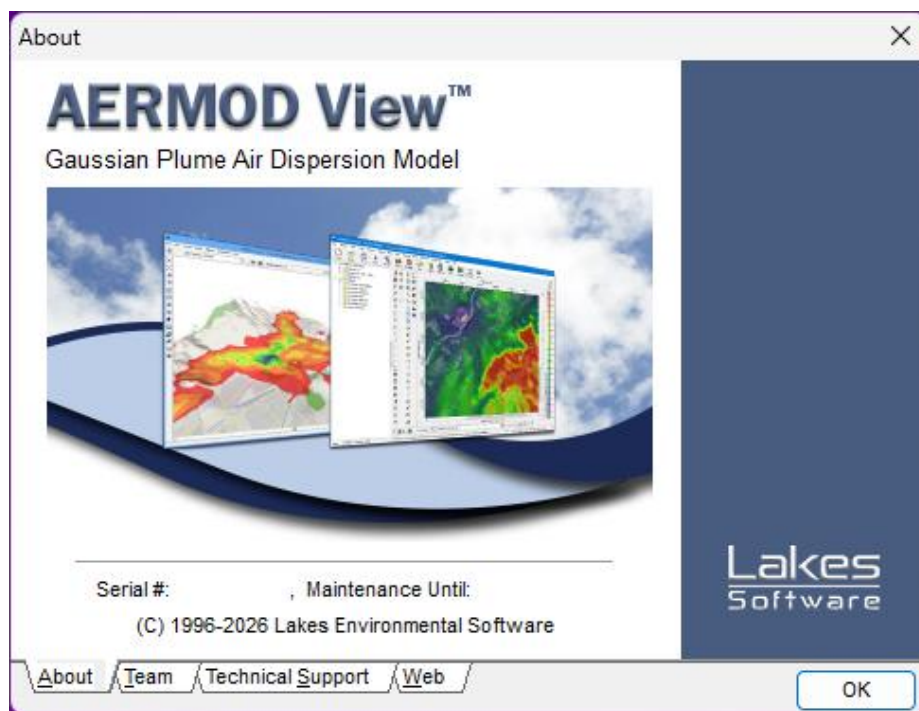


AERMOD View™

Gaussian Plume Air Dispersion Model - AERMOD

Release Notes

Versions 13.1 & 14.0



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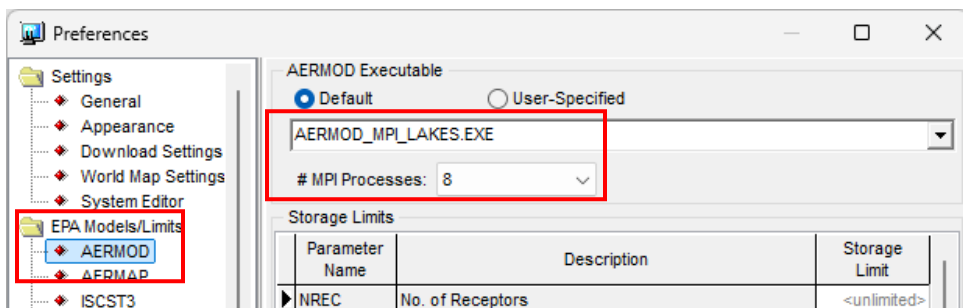
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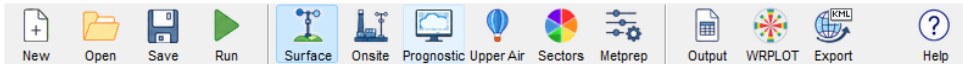
AERMOD View™ Version 14.0

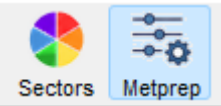
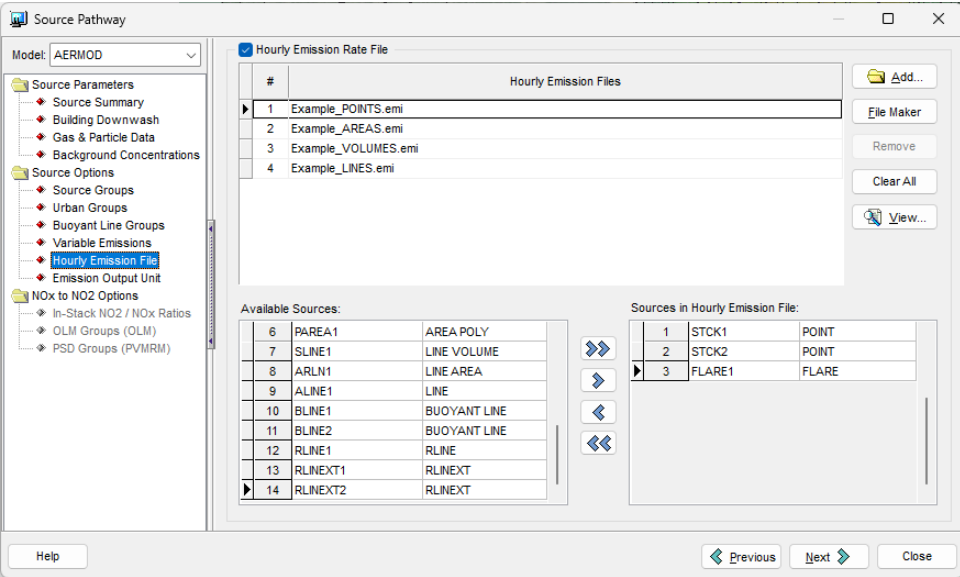
Release Notes

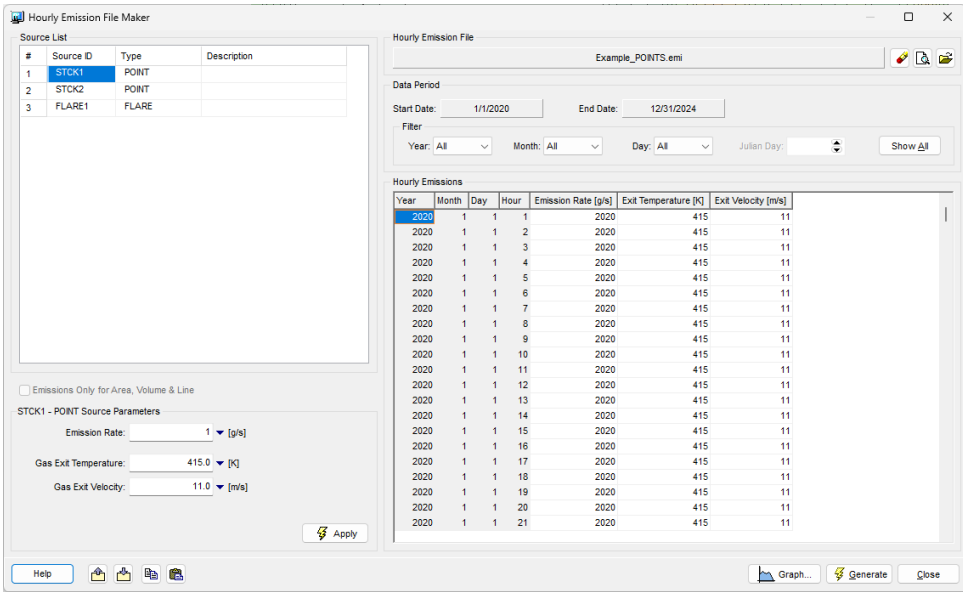
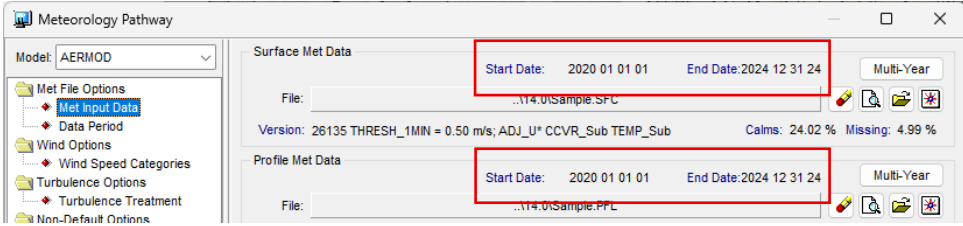
September 29, 2026

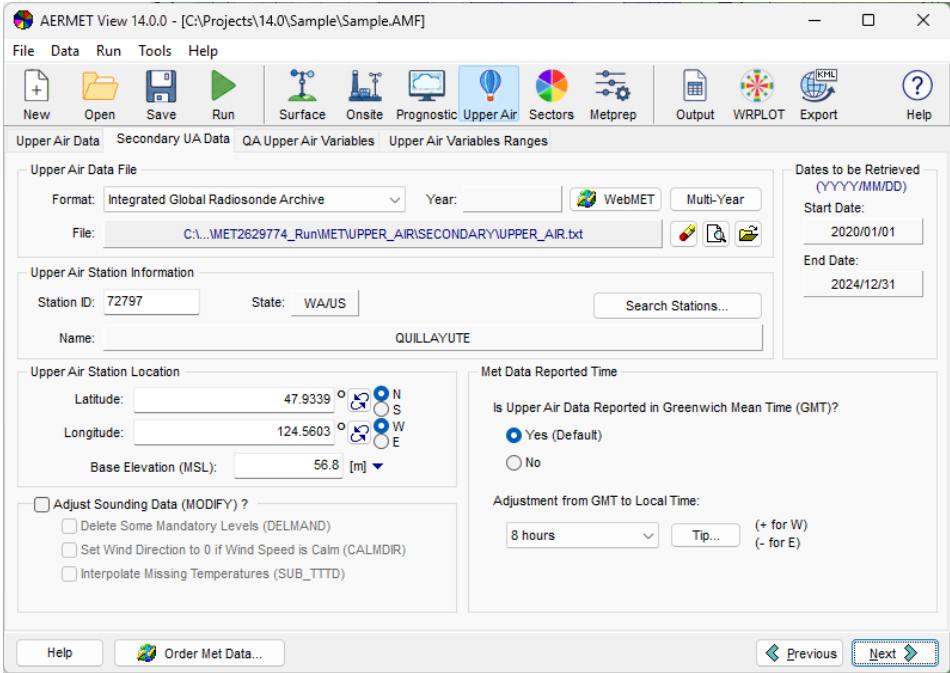
New Features

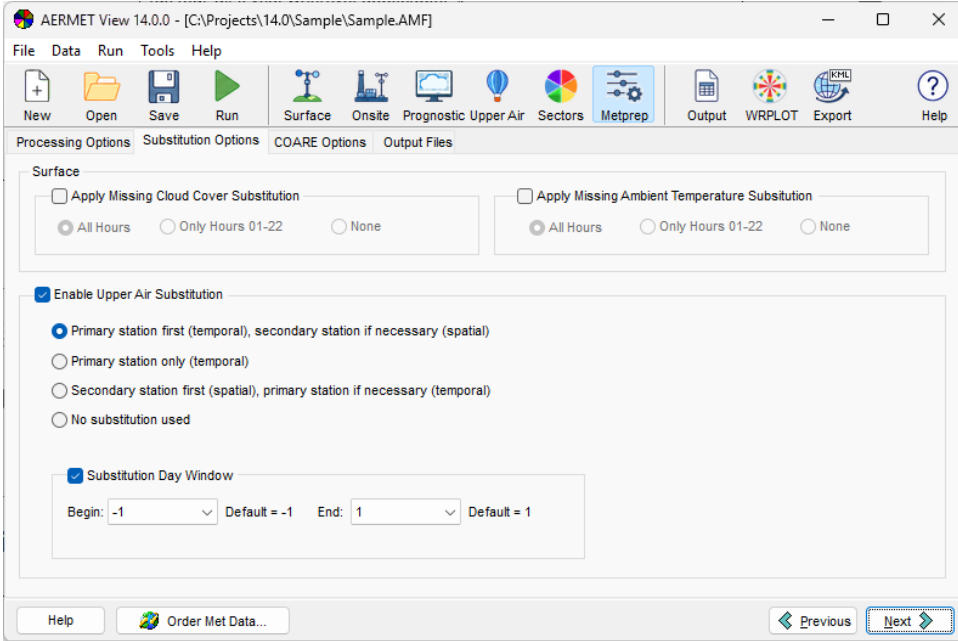
Topic	Feature Description						
AERMOD	Latest Release of U.S. EPA AERMOD Model Available – Dated 26135 The following U.S. EPA Models were released on July 9, 2026 and are incorporated into AERMOD View Version 14.0: 1. AERMOD.EXE is the latest version 26135 (64-Bit Version) 2. AERMOD_26135.EXE – The same as above (64-Bit Version) See the Model Change Bulletin for a list of changes and bug fixes: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/preferred/aermod/aermod_mcb19.pdf						
AERMOD MPI	New Version of Lakes AERMOD MPI 26135 (Parallel Version) A new version of the Lakes AERMOD MPI model for the U.S. EPA Model Version 26135 is now available (AERMOD_MPI_LAKES_26135.exe). The installation includes a 64-bit version only. You can select this model under the Preferences dialog. Note: AERMOD_MPI_LAKES_26135.EXE or AERMOD_MPI_LAKES.EXE will run the latest version of the AERMOD model (26135) in parallel mode using up to a maximum of 8 cores.  <table><thead><tr><th>Parameter Name</th><th>Description</th><th>Storage Limit</th></tr></thead><tbody><tr><td>INREC</td><td>No. of Receptors</td><td><unlimited></td></tr></tbody></table>	Parameter Name	Description	Storage Limit	INREC	No. of Receptors	<unlimited>
Parameter Name	Description	Storage Limit					
INREC	No. of Receptors	<unlimited>					

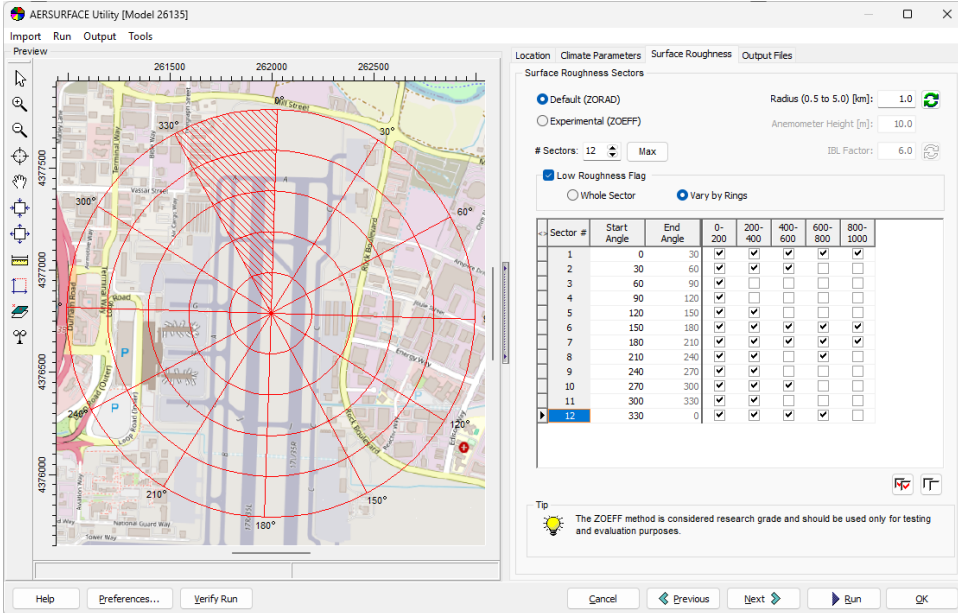
Topic	Feature Description
AERMET	Latest Release of U.S. EPA AERMET Model Available – Dated 26135 The following U.S. EPA Models were released on July 9, 2026 and are incorporated into AERMET View Version 14.0: • AERMET.EXE is the latest version 26135 (64-Bit Version) • AERMET_26135.EXE – The same as above (64-Bit Version) See the Model Change Bulletin for a list of changes and bug fixes: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/met/aermet/aermet_mcb15.pdf
AERMINUTE	Latest Release of U.S. EPA AERMINUTE Tool Available – Dated 26135 The U.S. EPA released a new version of AERMINUTE on July 9, 2026 replacing the previous release (15272). See the Model Change Bulletin for a list of changes and bug fixes: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/met/aerminute/aerminute_mcb5.txt
AERSURFACE	Latest Release of U.S. EPA AERSURFACE Tool Available – Dated 26135 The U.S. EPA released a new version of AERSURFACE on July 9, 2026 replacing the previous release (24142). See the Model Change Bulletin for a list of changes and bug fixes: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/related/aersurface/aersurface_mcb5.pdf
AERMET View	Menu Toolbar Buttons AERMET View now features updated Menu Toolbar Buttons for a refreshed look. 

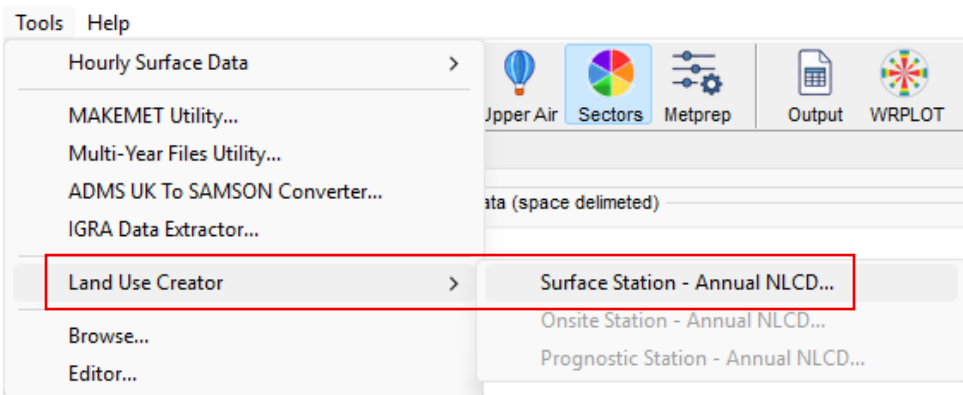
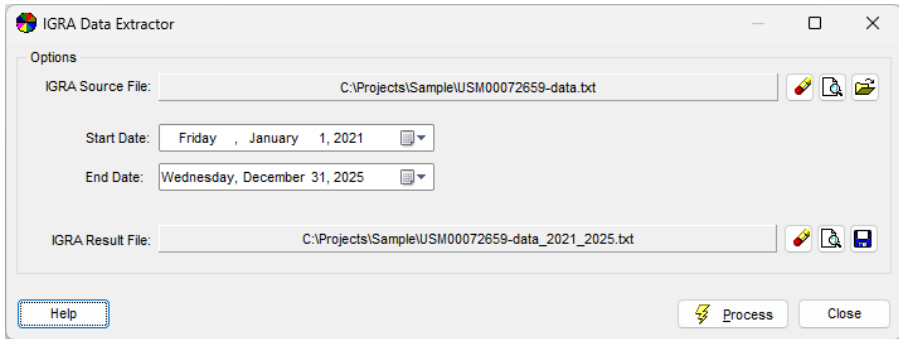
Topic	Feature Description
AERMET View	New Metprep Data Section  A new Data input section – Metprep – was added to the interface to clarify application functionality. Previous AERMET View releases rolled all AERMET Stage 2 keywords under Sectors. With this update, Sectors will only contain surface characteristic definition and the AERSURFACE Utility. Metprep will be used for all other Stage 2 keywords including: • Processing Options • Substitution Options • COARE Options, and • Output Files
Source Pathway	Multiple Hourly Emission Files Beginning with AERMOD 26135, modelers can now input multiple hourly emission files into a single project. The Hourly Emission File settings on the Source Pathway have been updated to accommodate multiple files. Note: AERMOD versions 24142 & older still only support a single hourly emission file per project. 

Topic	Feature Description
Source Pathway	Hourly Emission File Maker Utility Update Major enhancements were made to the Hourly Emission File Maker utility: - Redesigned interface to make data input more intuitive - Support added for all source types including Line Volume, Line Area, RLINE, and buoyant line. - Direct file name support for improved clarity 
Meteorology Pathway	Four-Digit Year Support AERMET 26135 writes full four-digit years to the surface (*.SFC) and profile (*.PFL) output files. All prior versions of AERMET only wrote two-digit years. AERMOD View and AERMET View have been updated to read and display the full four-digit year wherever applicable. 

Topic	Feature Description
AERMET View	New Surface Data File Format (GHCNh) As part of the 26135 model release, AERMET now supports the NCEI Global Historical Climatology Network hourly (GHCNh) file format. Distributed by NCEI in pipe-separated value format (*.psv), the GHCNh network includes data from worldwide locations for time periods within a few days of the current date. Support for GHCNh is included in the following: • Hourly Surface Data Pathway • Surface Station Information Database • AERMINUTE • WRPLOT View • AERMET View's Multi-Year Files Utility • AERMET View's Met View Utility (Preview > Grid...)
AERMET View	Second Upper Air Station AERMET 26135 supports a second upper air station within a single project. This functionality allows modelers to substitute soundings from another location when data from the primary upper air station is missing. The Secondary UA Data tab has been added to AERMET View's Upper Air Data Pathway. 

Topic	Feature Description
AERMET View	Upper Air Data Substitution AERMET 26135 allows the modeler to define how missing upper air data will be substituted. Enabling substitution routines will invoke the UPP_SUB keyword in the AERMET input file. The options include: • Temporal substitution (using data prior to or following missing radiosondes at the primary station), or • Spatial substitution (using data from the second upper air station to replace missing data at the primary upper air station). Modelers can also specify the number of days to look backward or forward to locate a valid sounding. In AERMET View, the new Substitution Options tab has been added on the Metprep Data Pathway. In addition to the Upper Air Data Substitution settings, the tab also includes the existing Ambient Temperature and Cloud Cover substitution options for hourly surface data (previously located in the Processing Options tab). 

Topic	Feature Description
AERSURFACE Utility	Vary Roughness by Annular Rings AERSURFACE 26135 added the ability to subdivide surface roughness sectors into 200-meter annular rings for more precise roughness calculations. Instead of defining an entire sector as Low (LOWZO) or High (HIGHZO) roughness, each 200-meter piece of the sector can have a low or high designation. In AERMET View's AERSURFACE Utility, modelers can apply roughness designations to entire sectors or use the new Vary by Rings feature to make use of this new calculation method. Checkboxes that are enabled with this feature indicate sectors with low surface roughness. 
WebGIS	Updated NLCD Downloads for AERSURFACE Automated download of Annual NLCD data products in AERMET View's AERSURFACE Utility now includes products for all years from 2011-2025 for projects in the continental United States. Legacy data remains available for Alaska (2016, 2011, & 2001), Hawaii (2001), & Puerto Rico (2001). Note: AERSURFACE 26135 no longer supports the legacy 1992 NLCD products in any capacity. All input data is assumed to come from the Annual NLCD database.

Topic	Feature Description
Tools	Land Use Creator Updates AERMET View's Land Use Creator utility was simplified to create files in Annual NLCD GeoTIFF format only. This matches AERSURFACE functionality which no longer supports reading files from the legacy 1992 NLCD project. Note: The Land Use Creator can still accept legacy 1992 NLCD files as input, but the data will be converted to the Annual NLCD classification system.  The screenshot shows the 'Tools' menu with 'Land Use Creator' selected. The sub-menu is open, showing options: 'Surface Station - Annual NLCD...', 'Onsite Station - Annual NLCD...', and 'Prognostic Station - Annual NLCD...'. The 'Land Use Creator' option is highlighted with a red box.
Tools	New IGRA Data Extractor Utility AERMET View now includes a data extraction tool to trim IGRA formatted upper air data files to specific dates. This helps reduce the size of otherwise large files and helps avoid fatal errors in AERMET that can occur when reading very old file records.  The screenshot shows the 'IGRA Data Extractor' window. It has fields for 'IGRA Source File' (C:\Projects\Sample\USM00072659-data.txt), 'Start Date' (Friday, January 1, 2021), 'End Date' (Wednesday, December 31, 2025), and 'IGRA Result File' (C:\Projects\Sample\USM00072659-data_2021_2025.txt). There are 'Help', 'Process', and 'Close' buttons at the bottom.

Fixed Issues

Topic	Feature Description
AERMET View	IGRA Station Location A minor update was made to ensure the correct hemisphere is selected when loading IGRA upper air data files.

Known Issues

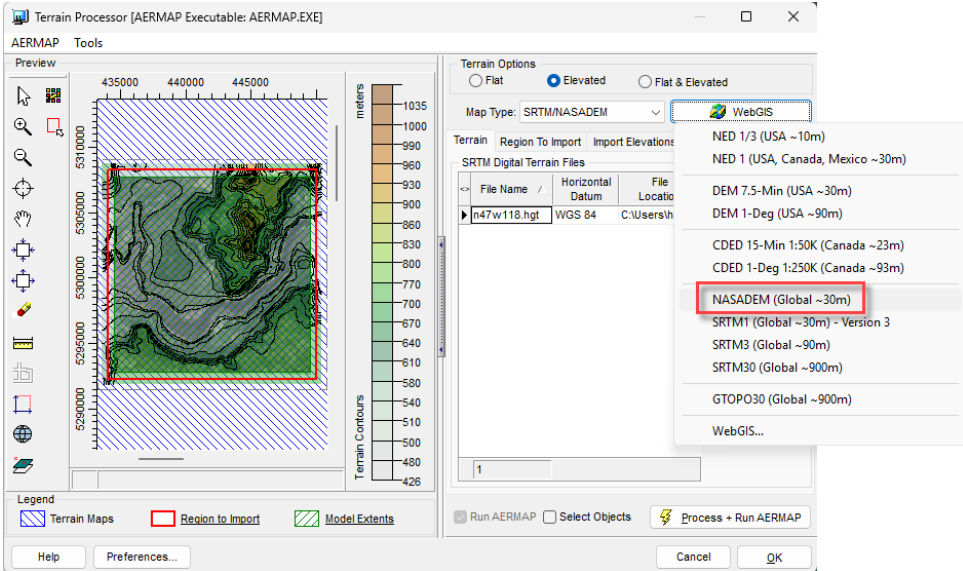
Topic	Issue Description
AERMOD Model	AERMOD System Bugs, Errata, and Related Guidance The U.S. EPA now maintains a list on their website of known issues with the current modeling system. The complete list is available at: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/preferred/aermod/AERMOD_System_Bugs_and_Related_Guidance.pdf
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.

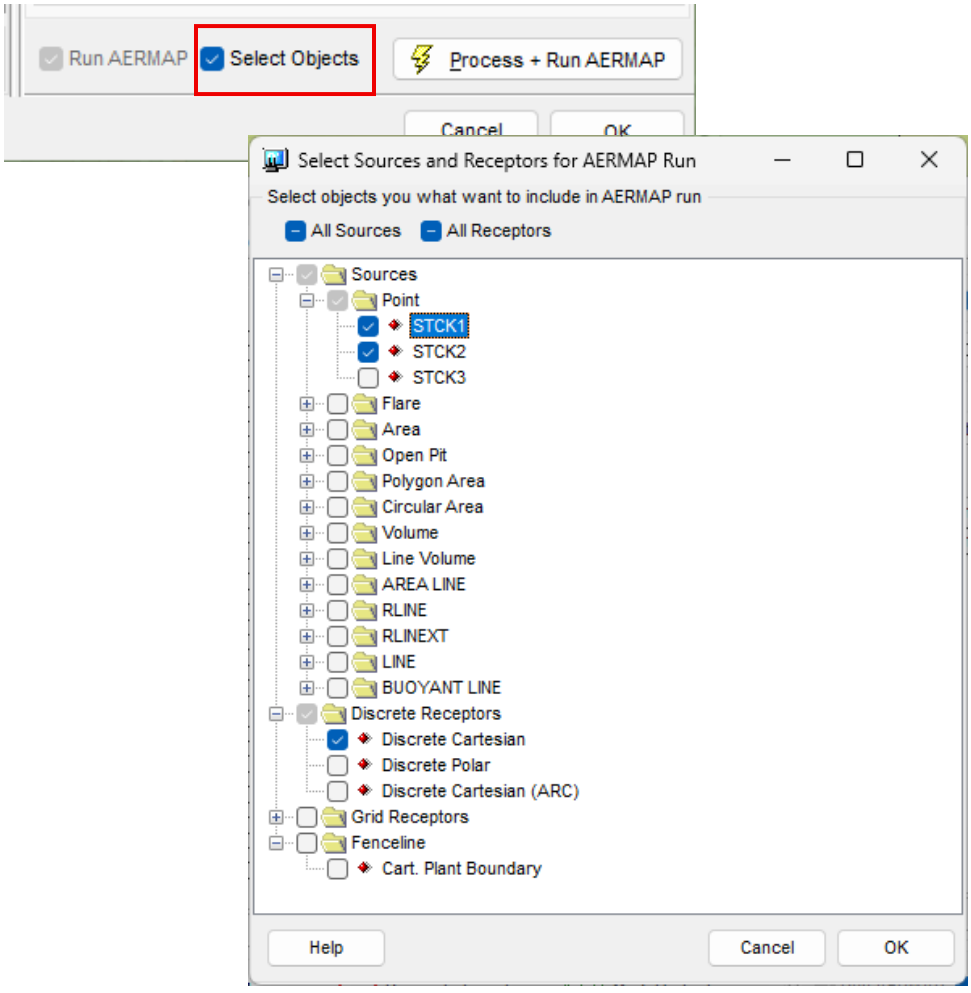
AERMOD View™ Version 13.1

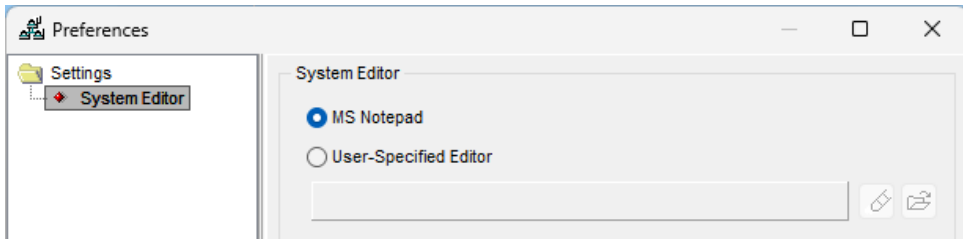
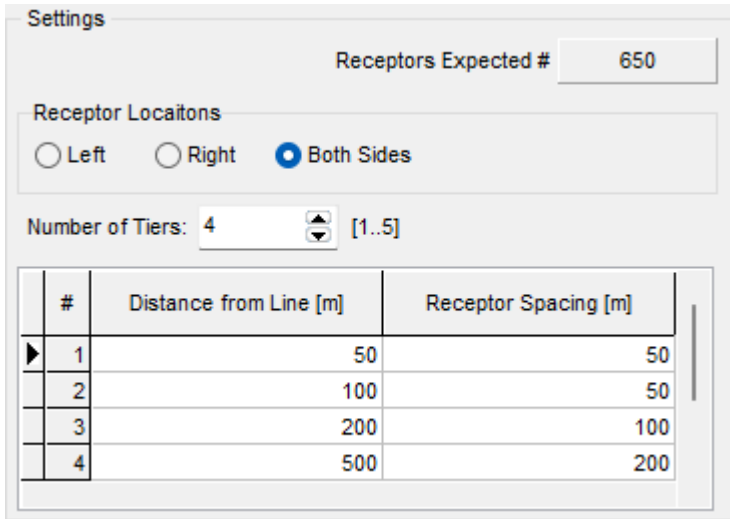
Release Notes

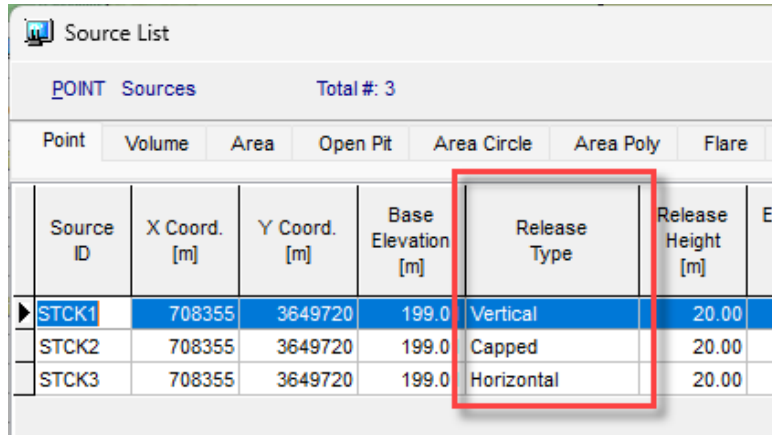
July 7, 2026

New Features

Topic	Feature Description
Terrain Processor	New NASADEM Terrain File Format in WebGIS WebGIS now includes automated download of the NASADEM digital elevation model (DEM) data. NASADEM is a modernization of the original SRTM data spanning regions between 60°N and 56°S latitude. NASADEM features improved void filling, updated calibration, and greater vertical accuracy over SRTM.  Note: A current maintenance agreement is required to access NASADEM data downloads from WebGIS.

Topic	Feature Description
Terrain Processor	Run AERMAP for Selected Objects AERMOD View's Terrain Processor now supports execution of AERMAP for specific objects. Use the new Select Objects checkbox to enable the source & receptor selection dialog. AERMAP files associated with partial object runs will be stored in a new sub-folder named "<project>.MAP_N". Files from full AERMAP runs will continue to be stored in the main project folder. Each object's elevation will be based on the most recent AERMAP run in which it was included.  The screenshot shows the AERMOD View interface. At the top, there are three buttons: 'Run AERMAP' (checked), 'Select Objects' (checked and highlighted with a red box), and 'Process + Run AERMAP' (disabled). Below these buttons are 'Cancel' and 'OK' buttons. A dialog box titled 'Select Sources and Receptors for AERMAP Run' is open. It has a title bar with a minus, maximize, and close button. The dialog contains a message 'Select objects you want to include in AERMAP run' and two radio buttons: 'All Sources' (selected) and 'All Receptors'. Below the radio buttons is a tree view of sources and receptors. The tree view has a root node 'Sources' which is expanded. Under 'Sources' are several sub-nodes: 'Point', 'Flare', 'Area', 'Open Pit', 'Polygon Area', 'Circular Area', 'Volume', 'Line Volume', 'AREA LINE', 'RLINE', 'RLINEXT', 'LINE', and 'BUOYANT LINE'. The 'Point' node is expanded, showing three sub-nodes: 'STCK1', 'STCK2', and 'STCK3'. 'STCK1' is selected with a blue checkmark. Under 'Sources' are also several sub-nodes: 'Discrete Receptors', 'Grid Receptors', and 'Fenceline'. The 'Discrete Receptors' node is expanded, showing three sub-nodes: 'Discrete Cartesian' (selected with a blue checkmark), 'Discrete Polar', and 'Discrete Cartesian (ARC)'. At the bottom of the dialog are 'Help', 'Cancel', and 'OK' buttons.

Topic	Feature Description															
Batcher	New Default System Editor and Preferences Menu Batcher now allows selection of the default System Editor through the File Preferences menu. The default editor is now MS Notepad following Microsoft’s removal of WordPad from Windows 11. Select the “User-Specified Editor” option to set a third-party editor as the default. 															
Receptor Pathway	New Settings for Polyline Receptor Tool The Polyline Receptor Tool has been updated to allow more customization of receptor placement. Added features include the ability to add receptors to Both Sides of the line and custom spacing for each defined Tier.  <table><thead><tr><th>#</th><th>Distance from Line [m]</th><th>Receptor Spacing [m]</th></tr></thead><tbody><tr><td>1</td><td>50</td><td>50</td></tr><tr><td>2</td><td>100</td><td>50</td></tr><tr><td>3</td><td>200</td><td>100</td></tr><tr><td>4</td><td>500</td><td>200</td></tr></tbody></table>	#	Distance from Line [m]	Receptor Spacing [m]	1	50	50	2	100	50	3	200	100	4	500	200
#	Distance from Line [m]	Receptor Spacing [m]														
1	50	50														
2	100	50														
3	200	100														
4	500	200														
Source Pathway	Buoyant Line Source Sorting & Configuration Updated input file generation routines now automatically order Buoyant Line sources based on AERMOD’s direct code. This helps eliminate fatal errors in run execution due to non-compliant source definition.															

Topic	Feature Description
Source Pathway	Release Type Column Display The Source List table now permanently displays the Release Type column for all Point sources.  The screenshot shows the 'Source List' dialog box with the 'POINT Sources' tab selected. The 'Total #' is 3. The table has columns: Point, Volume, Area, Open Pit, Area Circle, Area Poly, Flare, Source ID, X Coord. [m], Y Coord. [m], Base Elevation [m], Release Type, Release Height [m], and Emission Rate. The 'Release Type' column is highlighted with a red box, showing values: Vertical, Capped, and Horizontal for sources STCK1, STCK2, and STCK3 respectively.
Buildings	Display Optimization Opening the Building Inputs dialog is now faster due to optimization of the Preview panel.  The icon shows a simple 3D representation of a building with a flat roof and several windows.
AERMET View	Miscellaneous Improvements - An additional check was added to ensure the required height variable is included in projects utilizing the Onsite Pathway. - The Import Model Input option now defaults to the Combined input file format introduced in AERMET 22112. - Additional upper air file details are imported from MMIF input files.

Fixed Issues

Topic	Feature Description
AERMET View	Minor Updates • The Overwater (OW) flag has been restored on the Onsite Pathway for AERMET 23132 & later. This option was originally limited to the Prognostic Pathway only in AERMET 22112. • An additional version check was added to ensure options relevant in newer model versions only are flagged when the selected model version is outdated. • A file access issue in the ADMS UK to SAMSON Converter utility was addressed.
Source Pathway	Source Import Improvements Import behavior for sources was modified to allow for more consistency between menu options and buttons. In addition, variable emission scenarios are now better organized.
Source Pathway	Particle Diameter Precision Scientific notation is now used to define very small particle diameter values less than 1 micron to eliminate model runtime errors.
Output Pathway	Manual File Unit Number Correction The option to manually set output file unit numbers was updated to remove a restriction from original AERMOD code. These numbers can now be set to any user-defined value.
Multi-Chem	Treatment of Runs with Modified Receptors A fix was applied to allow Multi-Chem to run new sources successfully using a modified receptor set compared to any prior model runs.
Reports	Percentile Label Correction Labels describing user-defined Percentiles were corrected for projects that include the 1-Hour NO₂/SO₂ NAAQS routines.