

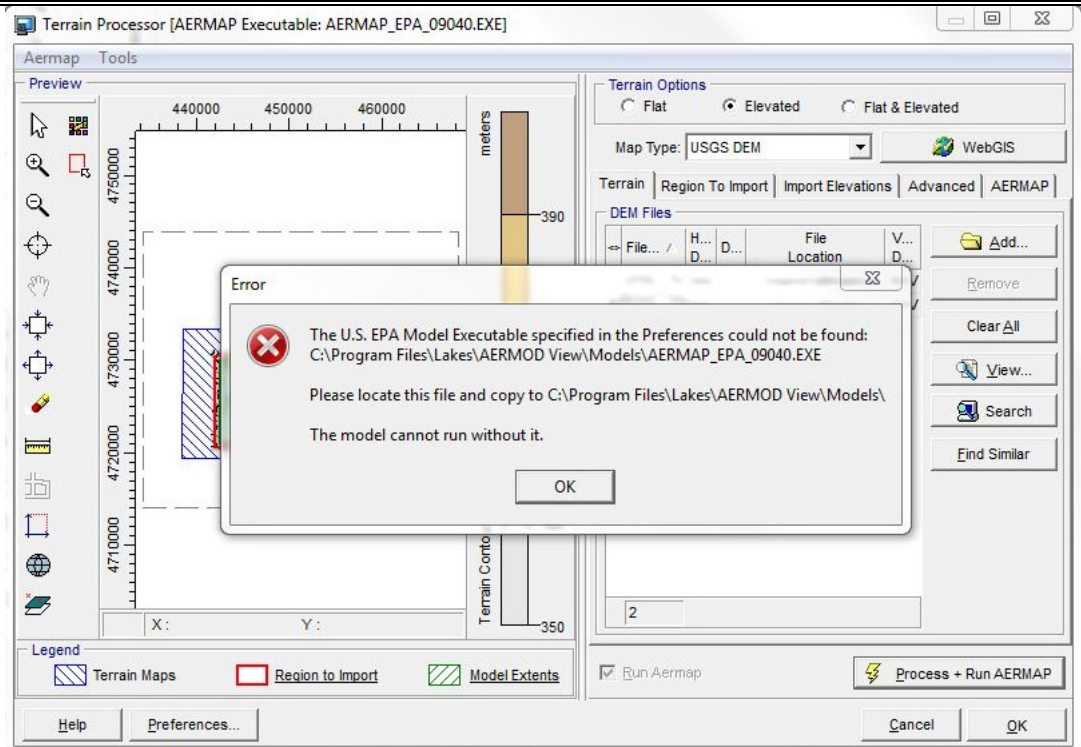
AERMOD View™ Version 7.1.0

升级说明

May 31, 2011

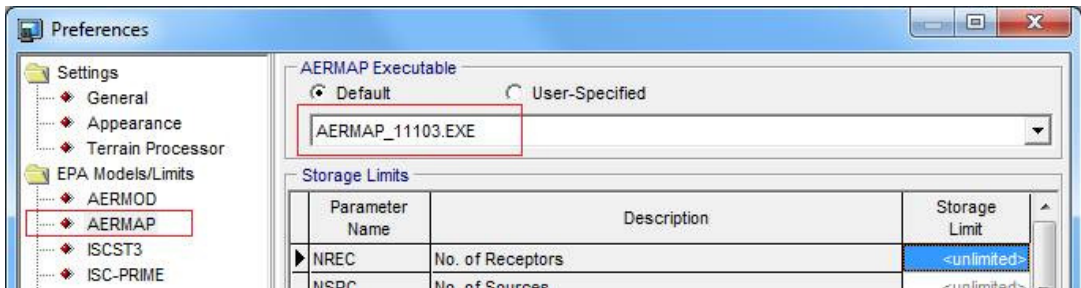
新功能与修正的问题

主题	特征描述
安装	<p>Run Time Error – CRT not initialized 运行时间错误 — CRT未初始化</p> <p>The message below was displayed when trying to start AERMOD View Version 7.0.0. in a few machines. This issue has been fixed in version 7.1..</p> <p>以下是在一些电脑中运行AERMOD View V7.0.0时出现的错误信息。这个问题已经在V7.1版本中得到修复。</p> 
AERMAP	<p>Error AERMAP_EPA_09040.EXE Could Not Be Found</p> <p>无法找到AERMAP_EPA_09040.EXE的错误</p> <p>With the release of the US EPA AERMAP Version 11103, the previous version of the AERMAP model executable (AERMAP_EPA_09040.EXE) is no longer part of the AERMOD View installation.</p> <p>随着美国EPA AERMAP V11103的升级，旧版本的AERMAP模型可执行文件（AERMAP_EPA_09040.EXE）已经不再是AERMOD View安装文件的一部分了。</p> <p>Under the Terrain Processor window, when trying to run AERMAP, a message is displayed asking you to locate AERMAP_EPA_09040.EXE.</p> <p>在地形处理器窗口下，当用户运行AERMAP时会弹出一个消息，要求用户用户找到AERMAP_EPA_09040.EXE可执行文件。</p>



Select the menu option File | Preferences and then select the latest US EPA AERMAP executable (AERMAP_11103.EXE or AERMAP.EXE). Press OK to close the Preferences dialog.

点击菜单选项文件 | 参数，然后点击最新的美国 EPA AERMAP 可执行文件 (AERMAP_11103.EXE 或 AERMAP.EXE)，点击 OK 关闭参数对话框。



AERMOD View Version 7.1 will automatically select AERMAP.EXE in case any user-specified AERMAP executable cannot be found.

如果用户指定的任意的AERMAP可执行文件无法找到时，AERMOD View V7.1会自动选择AERMAP.EXE。

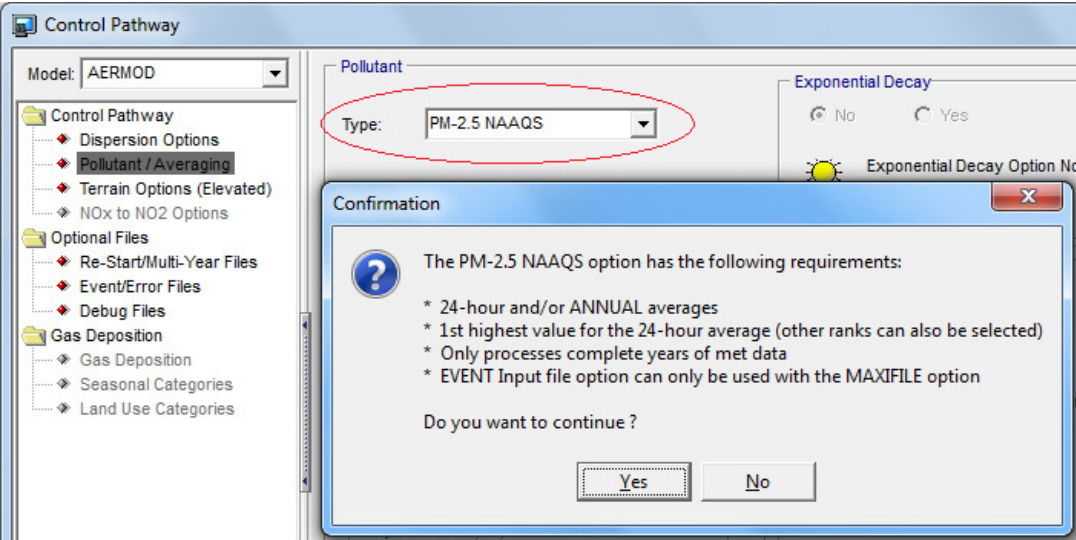
AERMAP

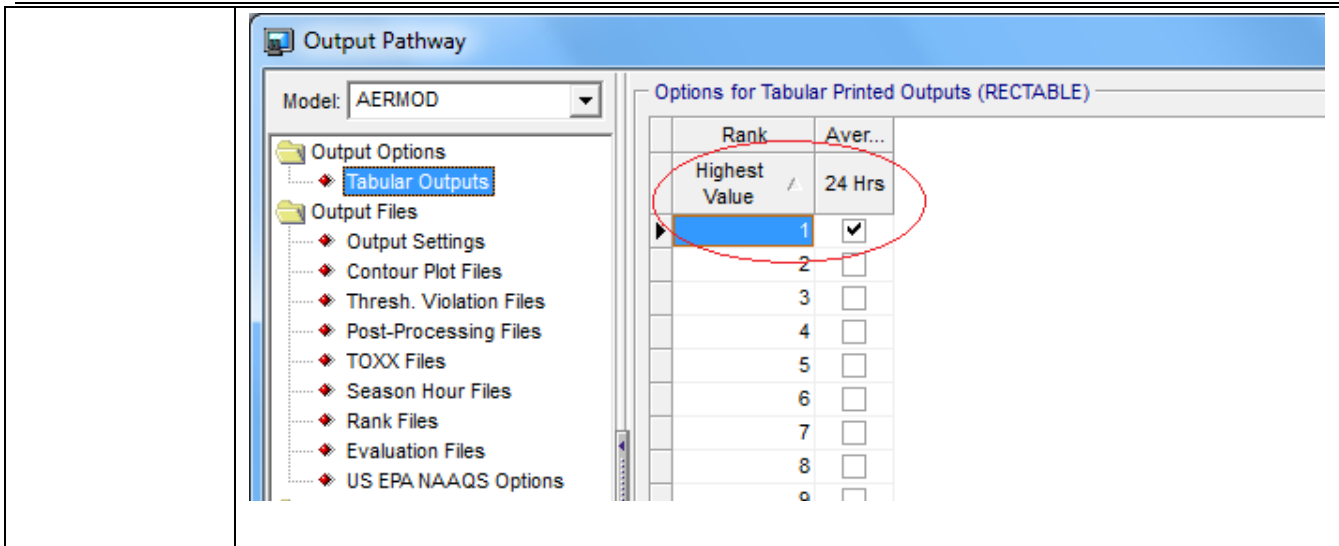
AERMAP Not Running Due to Background Concentration Options

AERMAP由于背景浓度选项而没有运行

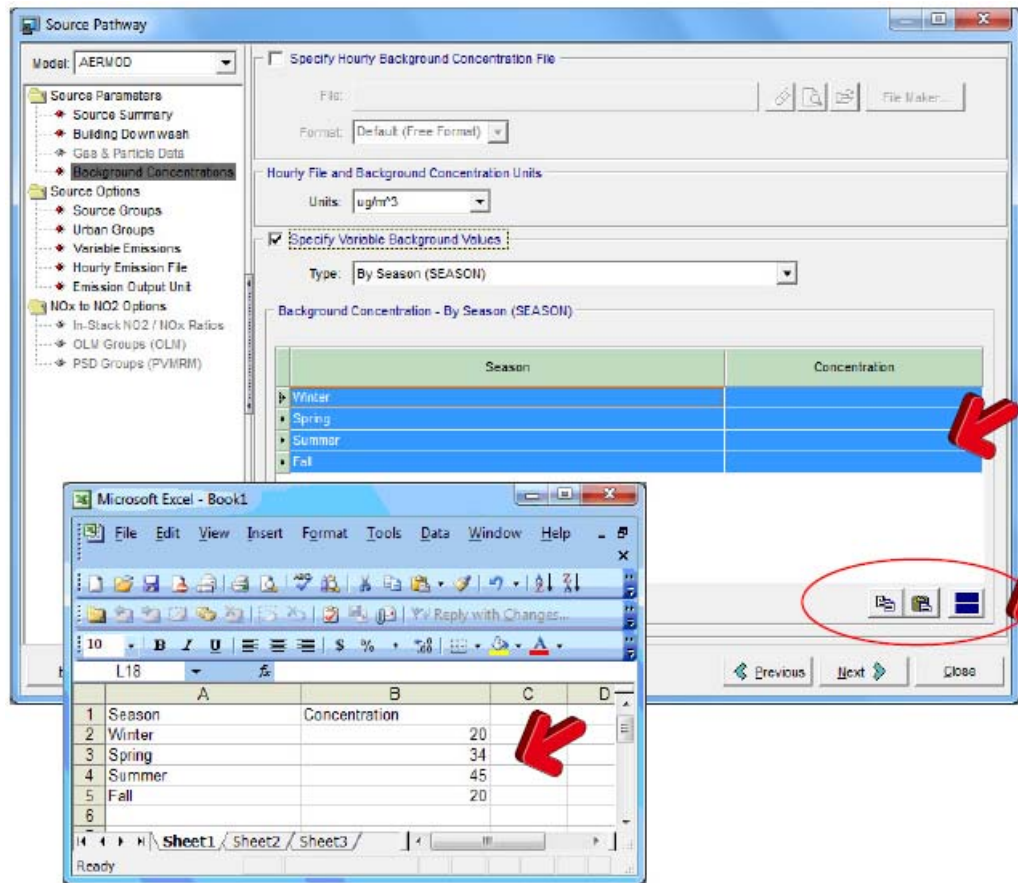
In AERMOD View Version 7.0.0, the new background concentration options were being written to the AERMAP input file causing fatal error messages from the AERMAP model.

在AERMOD View V7.0.0中，写入AERMAP模型输入文件的新背景浓度选项导致了一个致命的错误。

	<p>***** FATAL ERROR MESSAGES *****</p> <p>SO E105 44 SETUP:Invalid Keyword Specified. The Troubled Keyword is BACKGRND</p> <p>SO E105 45 SETUP:Invalid Keyword Specified. The Troubled Keyword is BACKUNIT</p> <p>This issue has been fixed by eliminating any background concentration related keywords from AERMAP input file.</p> <p>该问题已得到修复，即，消除AERMAP输入文件中任何与背景浓度相关的关键字。</p>
<p>PM-2.5 NAAQS</p>	<p>PM-2.5 NAAQS Option with 1st-Highest for 24-hour Average</p> <p>PM-2.5 NAAQS选项中的24小时平均第1最大值</p> <p>When selecting the pollutant type PM-2.5 NAAQS, although the message displayed was indicating that the 1st should be selected under the Output Pathway, only the 8th highest was being selected.</p> <p>当用户选择了污染物类型为PM-2.5 NAAQS时，尽管显示的消息表明在输出途径下应该选择的是第1最大值，但实际上选择的是第8最大值。</p>  <p>In AERMOD View Version 7.1, the 1st highest will be automatically selected if pollutant PM-2.5 NAAQS is selected in the Control Pathway.</p> <p>在AERMOD View V7.1.0中，如果在控制路径选择了PM-2.5 NAAQS，那么第一最大值就会在输出路径中自动选择。</p>



主题	特征描述
源路径	<p>Background Concentration Options 背景浓度选项</p> <p>Several improvements were added to the Background Concentration Option: 对背景浓度选项的一些改进:</p> <ol style="list-style-type: none"> You can now select either the hourly file or background values or both. 用户现在可以选择小时文件和/或背景值。 Use the copy, paste, select All buttons (  ) to copy/paste background values between AERMOD View and Excel. <p>使用复制、粘贴、选择所有 (  ) 按钮在AERMOD View与Excel之间复制/粘贴背景值。</p>

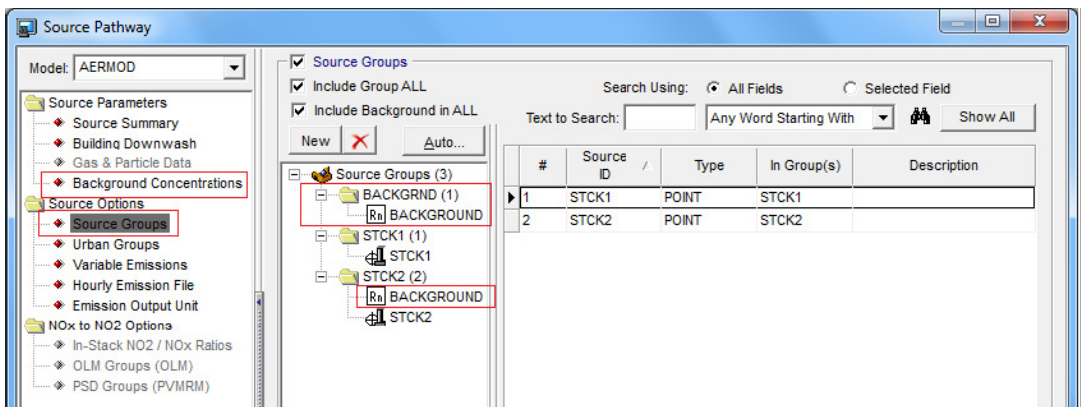


源路径

Background Source and Source Group 背景源和源分组

Background Sources once specified for a specific source group and the Background Source Group will be remembered in case you make the background concentration option inactive and then active again.

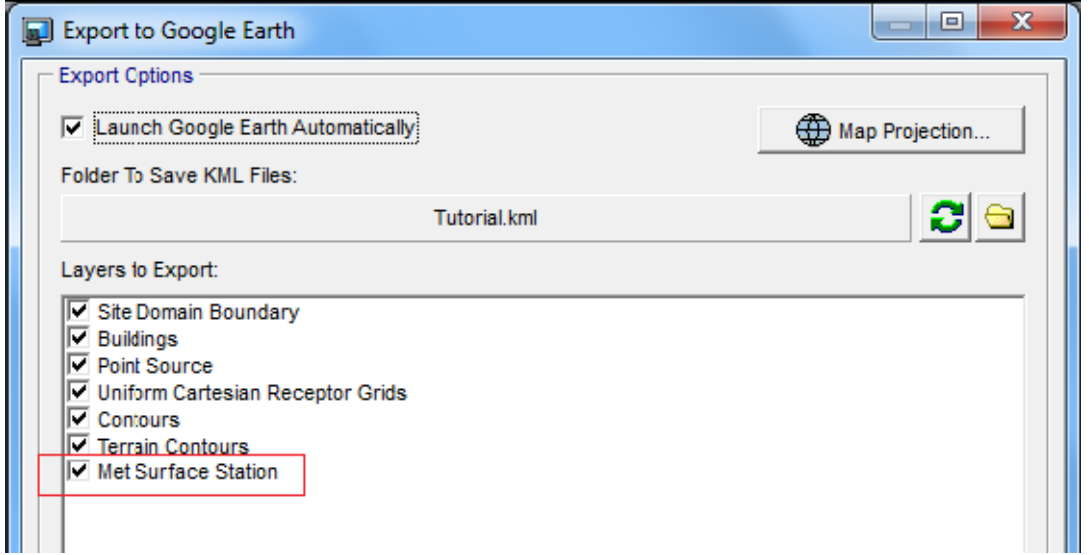
背景源一旦被指定到一个源分组，如果用户禁用然后再次激活背景浓度选项时，这个背景源分组将会被记录。

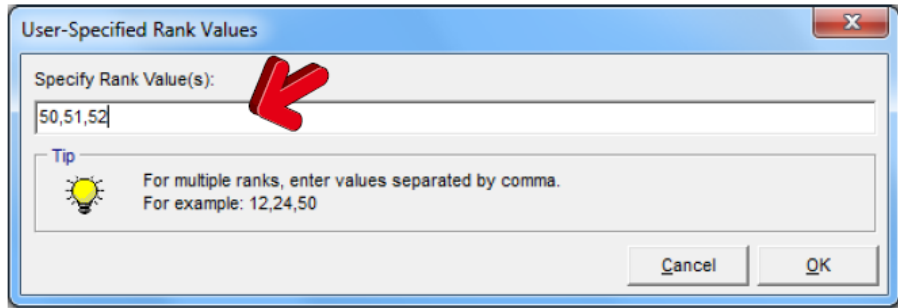


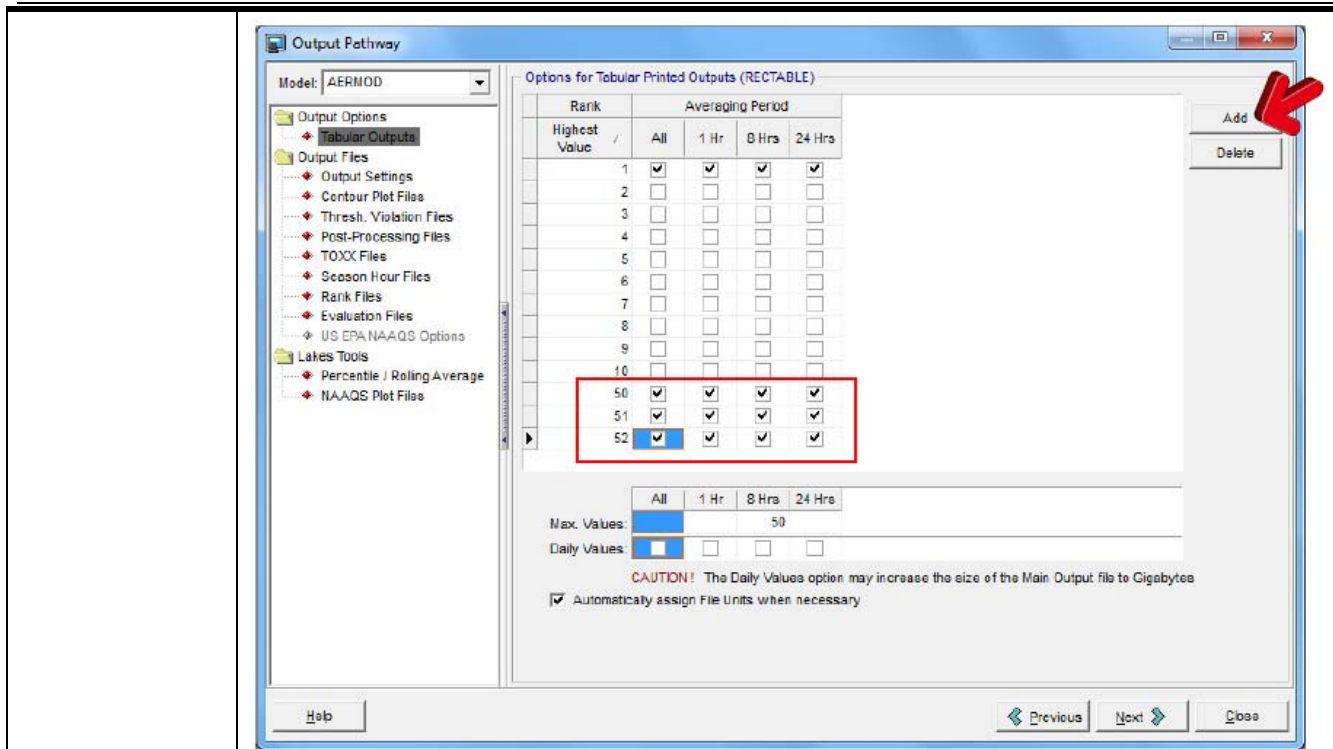
备份选项

Hourly Background Concentration File Added to Backup File

添加小时背景浓度文件到备份文件中

	<p>Hourly background concentration file is now automatically added to the Project Backup option (File Backup Save to ZIP menu option).</p> <p>现在, 小时背景浓度文件被自动添加到项目备份选项中 (文件 备份 保存为ZIP菜单选项)。</p>
<p>Export</p>	<p>Export Met Station Location to Google Earth 将气象站位置导出到Google Earth</p> <p>If the surface meteorological data (*.SFC) file is specified in the Met Pathway, then the Met Surface Station layer will be available when exporting your project to Google Earth.</p> <p>如果在气象路径下指定了地面气象数据(*.SFC)文件, 那么将项目导出到Google Earth时, 地面气象站图层就会被激活。</p> 

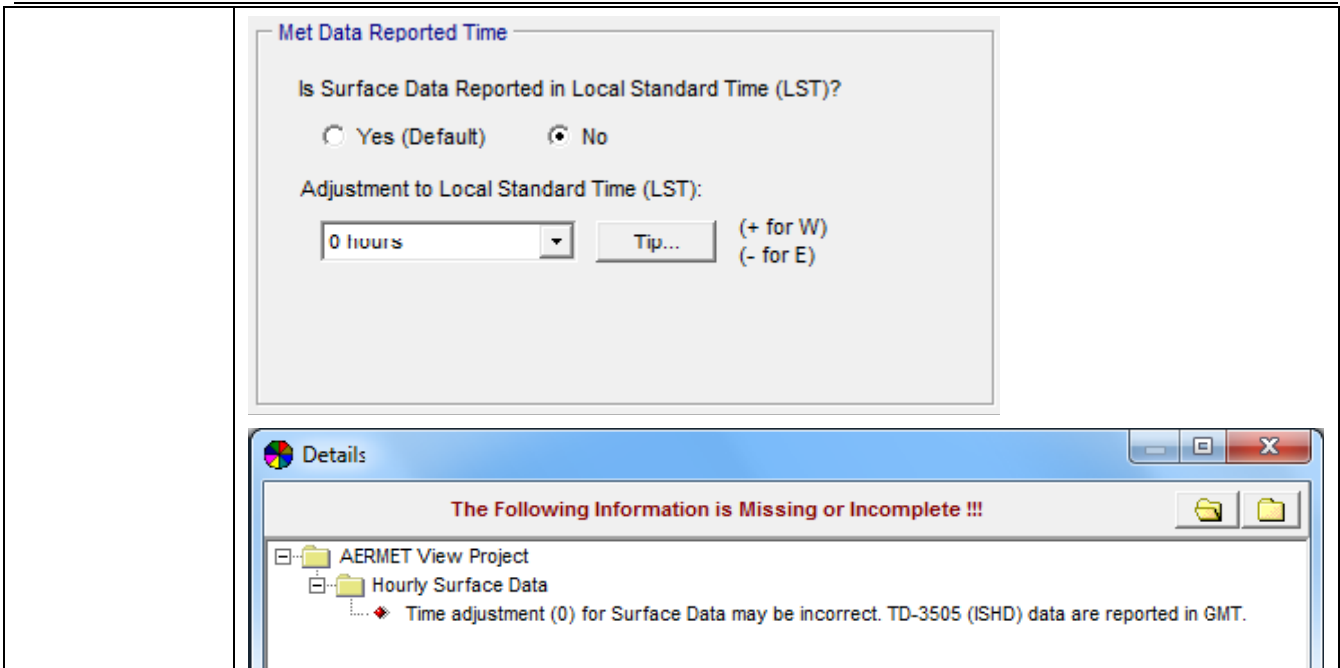
主题	特征描述
<p>Output Pathway</p>	<p>New Added Ranks are Automatically Selected 自动选择新增等级值</p> <p>Under the Output Pathway – Tabular Output Options, new ranks added using the Add button will be automatically selected for all available averaging periods.</p> <p>在输出路径-表格输出选项面板中, 点击新增按钮增加的等级值会被所有平均期间进行自动选择。</p> 



等值线 **New Contouring Algorithm Introduced**
 加入了新的等值线算法
 With AERMOD View Version 7.0.0 a much faster contouring algorithm was introduced. Certain projects could not be opened using version 7.0.0 due to some very specific situations regarding receptor locations in existing projects. Most of these situations were fixed in AERMOD View Version 7.1.
 在AERMOD View V7.0.0中加入了更快的绘制等值线的算法。但某些现有项目中的受体位置在一些非常特殊的情况不能在V7.0.0中打开。大多数这种情况已在AERMOD View V7.1得到了修正。

批处理 **Batcher Not Recognizing Certain Paths for Met Files**
 批处理无法识别某些气象文件路径
 In AERMOD View Version 7.0.0, Batcher was not finding certain met data files that were located outside the project folder, issuing a message "Bad Format". This issue has been fixed in AERMOD View V.7.1.
 在AERMOD View V7.0.0中，批处理无法找到项目文件夹以外的某些气象数据文件，并提示“格式不正确”错误。该问题已在AERMOD View V7.1.0中得到解决。

AERMET View **Additional Checks Implemented for TD-3505 (ISHD)**
 为TD-3505 (ISHD)数据进行补充校正
 In AERMET View, additional checks were implemented for the Adjustment from GMT to Local Time if surface data is in TD-3505 format (ISHD). Surface data in TD-3505 is reported in GMT time and therefore the user needs to specify the adjustment from GMT to Local Time.
 AERMET View中，如果地面数据格式为TD-3505 (ISHD)时，将会执行补充校正以使得格林尼治标准时间调整为当地时间(由于TD-3505 (ISHD)地面数据记录为GMT时间，因此，用户需要将其调整为当地时间)。



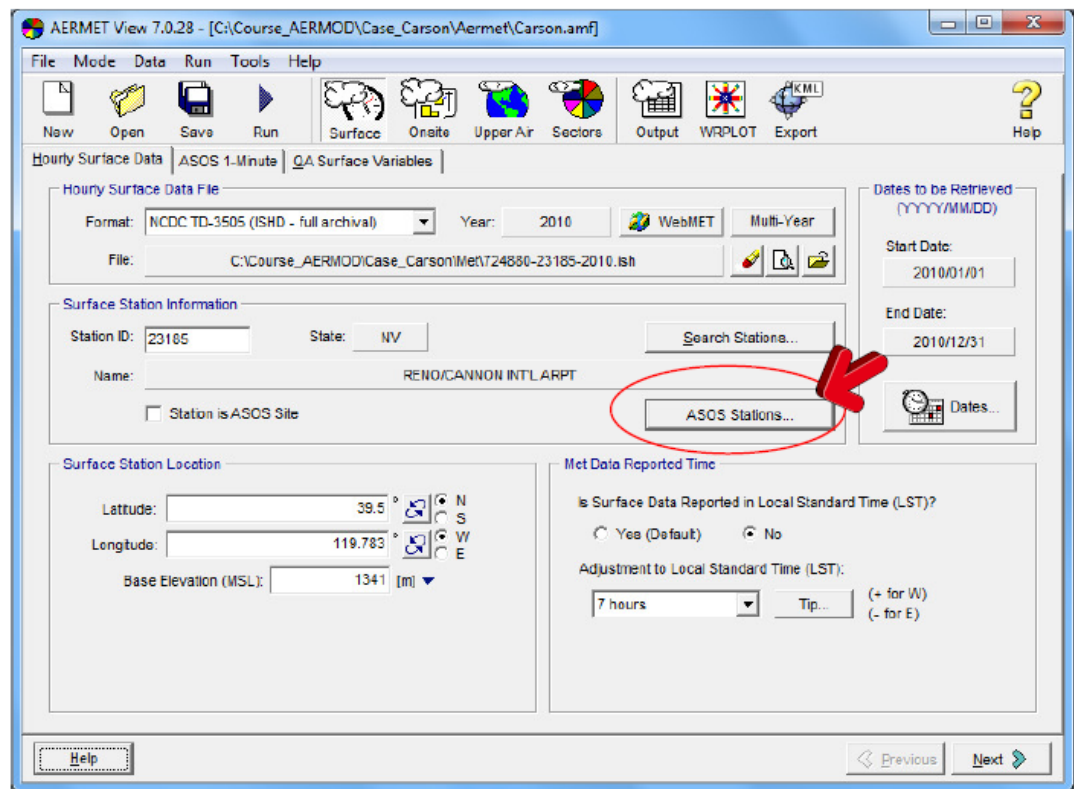
AERMET View

ASOS Station List Available

可用的ASOS站点列表

The US EPA AERMET Version 11059 checks if a station is an ASOS station and the ASOS Commission Date using an internal station list. You can now have access to the same list by pressing the ASOS Stations button.

US EPA AERMET V11059会检查一个站点是否是ASOS站点，以及ASOS内部站点列表中的定制时间。用户现在可以通过点击ASOS站点按钮访问相同的列表。



<p>AERMET View</p>	<p>US EPA AERMET Supported Surface Met Files and Year Range US EPA AERMET 支持地面气象文件和年份范围</p> <p>The US EPA AERMET Model Version 11059 now checks for a range of valid years for the several surface data formats. The acceptable range of years are as follows: 现在US EPA AERMET V11059会检查个别地面气象数据格式的有效年份范围。可接受的年份范围如下:</p> <table border="1" data-bbox="368 450 1445 719"> <thead> <tr> <th>NWS Surface Format</th> <th>Start Date</th> <th>End Date</th> </tr> </thead> <tbody> <tr> <td>CD-144</td> <td>---</td> <td>12/31/1995</td> </tr> <tr> <td>HUSWO</td> <td>1/1/1990</td> <td>12/31/1995</td> </tr> <tr> <td>TD-3505 (ISHD)</td> <td>---</td> <td>---</td> </tr> <tr> <td>SAMSON</td> <td>1/1/1961</td> <td>12/31/1990</td> </tr> <tr> <td>SCRAM</td> <td>1/1/1984</td> <td>12/31/1992</td> </tr> <tr> <td>TD-3280</td> <td>---</td> <td>---</td> </tr> </tbody> </table> <p>Example: If a SAMSON file is provided for one of the NWS stations which are present under the ASOS station list (see previous topic) and the year of the SAMSON file is prior to 1961 or beyond 1990, then AERMET will set all cloud cover values for the surface output file (*.SFC) as missing (99). This SFC file will not be appropriate for use with the AERMOD model. 示例: 如果一个由NWS站点提供SAMSON文件出现在ASOS站点列表中(请参阅上一主题), 且该文件是1961年之前或1990年之后, 那么AERMET会把所有地面输出文件(*.SFC)的云层覆盖值设为缺失(99)。这个SFC文件将不适用于AERMOD模型。</p> <p>For stations IDs not found in the ASOS list (e.g., 99999, 66666, etc.), a warning will be given under Stage 1 Report file (*.RP1) but cloud cover values will not be set to missing. 由于在ASOS列表中没有站点编号(ID)(如99999, 66666等), 那么在第一阶段报告文件(*. RP1)中将给出一个警告, 但云层覆盖值不会被设定为缺失。</p>	NWS Surface Format	Start Date	End Date	CD-144	---	12/31/1995	HUSWO	1/1/1990	12/31/1995	TD-3505 (ISHD)	---	---	SAMSON	1/1/1961	12/31/1990	SCRAM	1/1/1984	12/31/1992	TD-3280	---	---
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TD-3280	---	---																				
<p>Rammet View</p>	<p>Mixing Height Estimator – AERMIX 混合层高度估算器– AERMIX</p> <p>Under AERMOD View Version 7.0.0, the Mixing Height Estimator was not generating output results. This issue has been fixed in Version 7.1. AERMOD View V7.0.0中, 混合层高度估算器不能生成输出结果。这个问题在V7.1中得到了修正。</p>																					

