MetroCount®

traffic data specialists

July 2006

Custom List Reports

Special information for the MetroCount Vehicle Classifier System and Traffic Executive software v3.1

Custom list templates

Overview and how-to tips

Transferring a Custom List to Excel

The MetroCount Vehicle Classifier System stores every axle, and calculates axle spacing and speed information for every vehicle in every dataset. From this fundamental approach to traffic surveys, it is possible to envisage myriad traffic reports. And indeed, MetroCount's traffic analysis software, MCReport, provides the user with many choices.

But, despite MCReport's diverse range of out-of-the-box reports, there are still innumerable other ways to portray your traffic data.

To help you maximise the power of the MetroCount system, MCReport has a very powerful tool for traffic analysis: the **Custom List Report**.

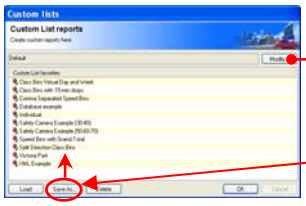
The Custom List Report allows you to construct your own time-series text reports, from an array of traffic parameters and formatting options. Once you have formatted a Custom List to suit your needs, you can save the template for re-use with other datasets.

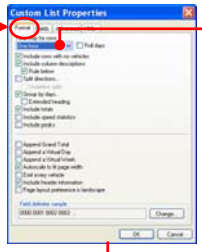
By changing the formatting, you can quickly alter a human-readable report into a one that's readily transferable to other software applications, eg Excel.

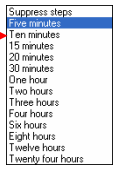
Careful selection of parameters and formatting options provides other software developers with great flexibility. Creating your own custom database applications, for example, or transferring data to a spreadsheet in XML format is very easy.

Creating your own Custom List Report:

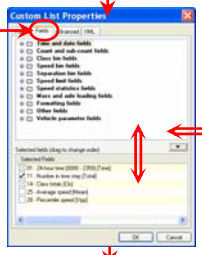
1. Click the New Report button, choose the Custom List Report, then confirm your Profile to display the Custom Lists favorites.
2. To create a new Custom List template, click the Modify button.





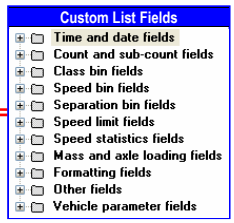


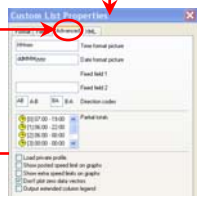
3. Click the Format tab to change the time step, data alignment and other formatting options.



4. Click the Fields tab to choose your traffic parameters. Double-click Available fields and Selected fields to swap parameters. Drag Selected fields to change their order across the reports's columns.

See your user manual or MCReport's online Help for detailed descriptions of available parameters.



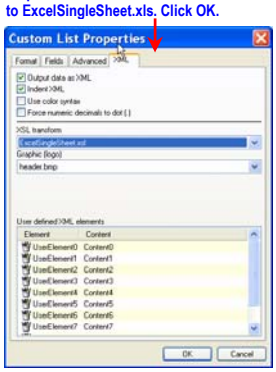


5. If desired, click the Advanced tab to modify new user-definable fields, eg Date and Time Format Pictures, Partial Totals and Private Profiles.

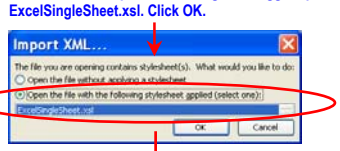
6. Click OK to run your report.
7. Cycle through this process again with an already open Custom List Report by right-clicking it and choosing Properties.
8. Once you're happy with your Custom List template, choose Save As..., and give it a unique name. The resulting .XPT file can be easily shared with other users.

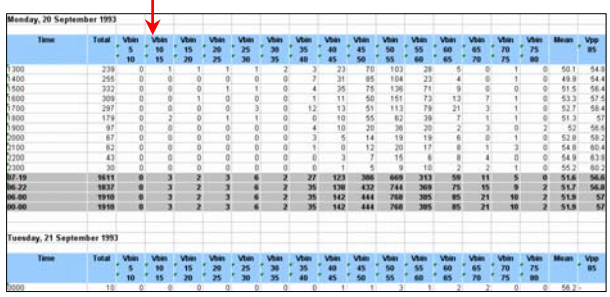
Producing a Custom List XML report and transferring it into Excel:

1. Create a new Custom List Report, following the process as above.
2. When you have all the data arranged the way you like, select the XML tab and toggle the XML output checkbox and select the XSL transform to ExcelSingleSheet.xls. Click OK.



3. Select the Tools menu and Preview XSL Transform (Tools > Preview XSL Transform). Then click OK in the MCReport Dialog box.
4. In Excel, in the Import XML dialog box, toggle *Open the file with the following stylesheet applied* and select ExcelSingleSheet.xsl. Click OK.





5. In Excel, the report will appear with header information and data automatically distributed across columns. Column headers and totals are delineated in colour.

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