
Command Reference: ReadStreamEstimateStationsFromList()

Read stream estimate stations data from a list file

StateMod Command
Version 3.09.01, 2010-02-01

The `ReadStreamEstimateStationsFromList()` command reads a list of stream estimate stations from a delimited list file and defines stream estimate stations in memory. The stream estimate stations can then be manipulated and output with other commands. The following dialog is used to edit the command and illustrates the syntax of the command.

Edit ReadStreamEstimateStationsFromList() Command

This command reads stream estimate stations from a list file containing columns of information. Stream estimate stations indicate locations where stream flow is estimated (not historically measured). Columns should be delimited by commas (user-specified delimiters will be added in the future). Identifiers and names (and in some cases other information) can be read - most subsequent commands only need a list of identifiers. It is recommended that the location of the file be specified using a path relative to the working directory. The working directory is: C:\Develop\StateDMI_SourceBuild\StateDMI\test\regression\UserManualRef\FillStreamEstimateStationsFromHydroBase

List file:

ID column: Required - column (1+) for ID.

Name column: Optional - column (1+) for name.

River node ID column: Optional - column (1+) for river network ID.

Daily ID column: Optional - column (1+) for daily ID.

Command:
`ReadStreamEstimateStationsFromList (ListFile="rgtw_estimatestations.csv",
IDCol=1,NameCol=2)`

ReadStreamEstimateStationsFromList

ReadStreamEstimateStationsFromList() Command Editor

The command syntax is as follows:

```
ReadStreamEstimateStationsFromList (Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
ListFile	The name of the list file to be read.	None – must be specified.
IDCol	The column number (1+) containing the stream estimate station identifiers.	None – must be specified.
NameCol	The column number (1+) containing the stream estimate station names.	If not specified, set to blank.
RiverNodeIDCol	The column number (1+) containing the river node identifier.	If not specified, set to blank.
DailyIDCol	The column number (1+) containing the daily identifier (for estimating time series).	If not specified, set to blank.

At a minimum, the list file must contain a column with stream estimate station identifiers. Lines starting with the # character are treated as comments. If the first line's values are surrounded by double quotes, the line is assumed to indicate column headings.

A sample list file is shown below:

```
# Stream estimate stations as a list file
#
"ID", "Name"
NF1, "Natural flow 1"
NF2, "Natural flow 2"
...
```