
Command Reference: ReadReservoirStationsFromList()

Read reservoir stations data from a list file

StateMod Command

Version 3.09.01, 2010-02-01

The `ReadReservoirStationsFromList()` command reads a list of reservoir stations from a delimited list file and defines reservoir stations in memory. The reservoir 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 ReadReservoirStationsFromList() Command

This command reads reservoir stations from a list file containing columns of information. Reservoir stations indicate locations where water can be stored for use at a later date. 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\FillReservoirStationsFromHydroBase

List file:

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

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

Command:

```
ReadReservoirStationsFromList(ListFile="cm2005.csv", IDCol=1, NameCol=2)
```

ReadReservoirStationsFromList

ReadReservoirStationsFromList() Command Editor

The command syntax is as follows:

```
ReadReservoirStationsFromList (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 reservoir station identifiers.	None – must be specified.
NameCol	The column number (1+) containing the reservoir station names.	None – optional (name will be initialized to blank).

At a minimum, the list file must contain a column with diversion 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:

```
# Reservoir stations as a list file
#
"ID", "Name"
203536, "Reservoir 1"
203558, "Reservoir 2"
...
```