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# Command Reference: ReadDiversionsFromList()

Read diversion stations data from a list file

**StateCU and StateMod Command**

Version 3.09.01, 2010-01-26

The `ReadDiversionsFromList()` command reads a list of diversion stations from a delimited list file and defines diversion stations in memory. The diversion 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 ReadDiversionsFromList() Command**

This command reads diversion stations from a list file containing columns of information. Diversion stations indicate locations where water is diverted from a river, lake, or reservoir. 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\ReadDiversionsFromStateMod

List file:

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

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

Command: 

```
ReadDiversionsFromList (ListFile="rgdssall.csv", IDCol=1, NameCol=5)
```

ReadDiversionsFromList

**ReadDiversionsFromList() Command Editor**

The command syntax is as follows:

```
ReadDiversionStationsFromList (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 diversion station identifiers.	None – must be specified.
NameCol	The column number (1+) containing the diversion 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:

```
# Diversions as list file
#
#
"ID", "Latitude", "County", "HUC", "Name"
200505, 37.5, ALAMOSA, 13010002, ALAMOSA D
200511, 37.68, RIO GRANDE, 13010001, ANACONDA D
200512, 37.61, RIO GRANDE, 13010002, ANDERSON D
200513, 37.68, RIO GRANDE, 13010002, ANNA RABER D
...
```