
Command Reference: ReadNetworkFromStateMod()

Read generalized network from a StateMod XML network file

StateMod Command

Version 3.09.01, 2010-02-01

The `ReadNetworkFromStateMod()` command reads the generalized network from a StateMod XML network file. The network can then be manipulated and utilized by other commands. Normally the generalized network is edited interactively in StateDMI (or StateMod GUI) and is used to generate lists of stations, for further processing. However, this command can be used to read the network and allow manipulation based on river upstream/downstream connectivity. See also commands like `ReadDiversionStationsFromNetwork()`, which read a subset of the network, to facilitate creation of specific model data files.

The following dialog is used to edit the command and illustrates the syntax of the command.

Edit ReadNetworkFromStateMod() Command

This command reads the generalized network from a StateMod network file (old Makenet format or new XML format). The network can then be used, for example, to create the river network specifically needed by StateMod.

The following data are read:

- Identifier (ID)
- River node identifier - set to the identifier.

The name is not read because it is often filled from a database with other commands.

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

StateMod file:

Command:

```
ReadNetworkFromStateMod ( InputFile="..\Network\cm2005.net" )
```

ReadNetworkFromStateMod

ReadNetworkFromStateMod() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
InputFile	The name of the StateMod XML network file to read.	None – must be specified.