
Command Reference: ReadInstreamFlowStationsFromNetwork()

Read instream flow station data from a network file

StateMod Command

Version 3.09.01, 2010-02-01

The `ReadInstreamFlowStationsFromNetwork()` command reads a list of instream flow stations from a StateMod network file (XML or old Makenet) and defines instream flow stations in memory. The instream flow stations can then be manipulated and output with other commands. Instream flow stations are actually modeled as a reach defined by upstream and downstream nodes. Both nodes must be included in the network but the instream flow station file has a single record for each reach.

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

Edit ReadInstreamFlowStationsFromNetwork() Command

This command reads instream flow station data from a StateMod XML network file.
Instream flow stations indicate locations where surface water flow can be associated with a minimum flow constraint.
If the network file is not specified, it is assumed that the network has already been read by the network editor or another command.
If the network file specified, it is read and will be available to later commands.
The following station data are set from the network:
Identifier (station ID)
Upstream river node ID is set to the station ID.
Downstream river node ID is set to the station ID + "_Dwn" (these nodes must be defined in the network)
See also the Fill*FromNetwork() commands to fill missing data.
It is recommended that the path to the file be specified relative to the working directory.
The working directory is: C:\Develop\StateDMI_SourceBuild\StateDMI\test\regression\UserManualRef\FillInstreamFlowStationsFromHydroBase

StateMod network file:

Command:

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

ReadInstreamFlowStationsFromNetwork

ReadInstreamFlowStationsFromNetwork() Command Editor

The command syntax is as follows:

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

Command Parameters

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