
Command Reference: ReadStreamEstimateStationsFromNetwork()

Read stream estimate station data from a network file

StateMod Command
Version 3.09.01, 2010-02-01

The `ReadStreamEstimateStationsFromNetwork()` command reads a list of stream estimate stations from a StateMod network file (XML or Makenet) and defines stream estimate stations in memory. Stream estimate stations are stations not of type FLOW but which are indicated as natural flow nodes in the network. The default output order is that of the stream network, upstream to downstream. The StateMod model requires that the stream gage station file be in the same order as the river network file. The stream estimate stations that are read can be manipulated and output with other commands.

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

Edit ReadStreamEstimateStationsFromNetwork() Command

This command reads stream estimate station data from a StateMod XML network file.
Stream estimate stations indicate locations where flow is estimated (not historically measured).
Stream estimate stations are nodes other than streamflow nodes that are natural flow nodes.
Nodes indicated as natural flow nodes that are not FLOW nodes are read.
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)
River node ID - set to station ID
Daily ID - set to the nearest downstream streamflow station ID.
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\FillStreamEstimateStationsFromHydroBase

StateMod network file:

Command:

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

ReadStreamEstimateStationsFromNetwork() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
InputFile	The name of the network file to be read.	Use the network that has previously been read with other commands.