
Command Reference: CheckInstreamFlowStations()

Check instream flow stations data for problems

StateMod Command

Version 3.09.01, 2010-02-01

The `CheckInstreamFlowStations()` command checks instream flow stations data for problems. The command should usually be used with a `WriteCheckFile()` command at the end of a command file.

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

Edit CheckInstreamFlowStations() Command

This command checks instream flow stations, generating warnings for the follow conditions:

- 1) Missing (undefined) required values.
- 2) Invalid values.
- 3) River network ID is not found in the network (if network node list is available).
- 4) Downstream river network ID is not found in the network (if network node list is available).
- 5) Daily ID is not an instream flow station (if station list is available).

Instream flow station identifier: Required - specify the instream flow stations to check (use * for wildcard).

If not found: Optional - indicate action if no match is found (default=Warn).

Command:

```
CheckInstreamFlowStations ( ID = " * " )
```

OK Cancel

CheckInstreamFlowStations

CheckInstreamFlowStations() Command Editor

The command syntax is as follows:

CheckInstreamFlowStations (Parameter=Value,...)

Command Parameters

Parameter	Description	Default
ID	The identifier for the location(s) to check. Use * to match a pattern.	None – must be specified.
IfNotFound	One of the following: <ul style="list-style-type: none">• Fail – generate a failure message if the location identifier is not matched• Ignore – ignore (don't generate a message) if the location identifier is not matched• Warn – generate a warning message if the location identifier is not matched	Warn

The following excerpt from a command file illustrates how instream flow stations can be checked and written to a StateMod file:

```
#
# Create instream flow stations file
#
WriteInstreamFlowStationsToStateMod(OutputFile="..\STATEMOD\cm2005.ifs")
#
# Check the results
CheckInstreamFlowStations (ID="*")
WriteCheckFile(OutputFile="ifs.commands.StateDMI.check.html")
```