
Command Reference:

FillDiversionDemandTSMonthlyAverage()

Fill diversion demand time series (monthly) values using average monthly values

StateMod Command

Version 3.09.01, 2010-02-01

The `FillDiversionDemandTSMonthlyAverage()` command fills missing diversion demand time series (monthly) data, using average monthly values. The averages are computed immediately after reading time series (e.g., from HydroBase or a file) or calculation of the time series (e.g., from IWR/Eff_{ave}). The average values that are used during data filling are printed to the log file.

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

Edit FillDiversionDemandTSMonthlyAverage() Command

This command fills missing data in monthly diversion demand time series.
Missing values are replaced with monthly average - average values are computed immediately after reading/calculating the data.
The station ID can contain a * wildcard pattern to match one or more time series.
The fill period can optionally be specified. Only months in the output period can be filled.

Diversion station ID: Specify the diversion stations to fill (use * for wildcard)

Fill start: Optional - start date or blank to fill all.

Fill end: Optional - end date or blank to fill all.

Fill flag: Optional - 1-character flag to track filled values.

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

Command:

FillDiversionDemandTSMonthlyAverage

FillDiversionDemandTSMonthlyAverage() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
ID	A single diversion station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
FillStart	The first year to fill.	If not specified, fill the full period.
FillEnd	The last year to fill.	If not specified, fill the full period.
FillFlag	If specified as a single character, data flags will be enabled for the time series and each filled value will be tagged with the specified character. The flag can then be used later to label graphs, etc. The flag will be appended to existing flags if necessary.	No flag is assigned.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none">• Fail – generate a failure message if the ID is not matched• Ignore – ignore (don't add and don't generate a message) if the ID is not matched• Warn – generate a warning message if the ID is not matched	Warn