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# Command Reference: WriteDiversiionDemandTSMonthlyToStateMod()

Write diversion demand time series (monthly) to a StateMod file

## StateMod Command

Version 3.09.01, 2010-02-01

The `WriteDiversiionDemandTSMonthlyToStateMod()` command writes diversion demand time series (monthly) to a StateMod diversion demand time series file. The following dialog is used to edit the command and illustrates the syntax of the command.

**Edit WriteDiversiionDemandTSMonthlyToStateMod() Command**

This command writes monthly diversion demand time series data to a StateMod file.  
It is recommended that the file be specified using a path relative to the working directory.  
The working directory is: C:\Develop\StateDMI\_SourceBuild\StateDMI\test\regression\UserManualRef\WriteDiversiionDemandTSMonthlyToStateMod  
The default value for "Write how" is OverwriteFile, which will create a new file, overwriting an old file if it exists.

StateMod file:	<input type="text" value="..\StateMod\cm2005C.ddm"/>	<input type="button" value="Browse"/>
Output start:	<input type="text"/>	Optional - start of output (default=write all).
Output end:	<input type="text"/>	Optional - end of output (default=write all).
Output year type:	<input type="button" value="v"/>	Optional - year type (default=Calendar).
Precision:	<input type="text"/>	Optional - number of digits after decimal (default=0).
Missing value:	<input type="text"/>	Optional - missing value indicator (default=-999).
Write how:	<input type="button" value="v"/>	Optional - indicate whether to overwrite/update (default=OverwriteFile).

Command:

```
WriteDiversiionDemandTSMonthlyToStateMod(OutputFile="..\StateMod\cm2005C.ddm")
```

WriteDiversiionDemandTSMonthlyToStateMod

## WriteDiversiionDemandTSMonthlyToStateMod() Command Editor

The command syntax is as follows:

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

#### Command Parameters

Parameter	Description	Default
OutputFile	The name of the output file to write, surrounded by double quotes.	None – must be specified.
OutputStart	The start date to write, using format YYYY-MM or MM/YYYY.	Full period will be written.
OutputEnd	The end date to write, using format YYYY-MM or MM/YYYY.	Full period will be written.
OutputYearType	The output year type to write, one of: <ul style="list-style-type: none"> <li>Calendar – January to December.</li> <li>NovToOct – November to October.</li> <li>Water – October to September.</li> </ul>	Calendar, or the value set by the previous SetOutputYearType() command.
Precision	The number of digits after the decimal to write.	2
MissingValue	The value to write for missing data.	-999
WriteHow	OverwriteFile if the file should be overwritten or UpdateFile if the file should be updated, resulting in the previous header being carried forward.	OverwriteFile