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# Command Reference: WriteDiversiionHistoricalTSMonthlyToStateMod()

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

## StateMod Command

Version 3.09.01, 2010-02-01

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

**Edit WriteDiversiionHistoricalTSMonthlyToStateMod() Command**

This command writes monthly diversion historical 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\ReadDiversiionHistoricalTSMonthlyFromHydroBase  
The default value for "Write how" is OverwriteFile, which will create a new file, overwriting an old file if it exists.

StateMod file:

Output start:  Optional - start of output (default=write all).

Output end:  Optional - end of output (default=write all).

Output year type:  Optional - year type (default=Calendar).

Precision:  Optional - number of digits after decimal (default=0).

Missing value:  Optional - missing value indicator (default=-999).

Write how:  Optional - indicate whether to overwrite/update (default=OverwriteFile).

Command: 

```
WriteDiversiionHistoricalTSMonthlyToStateMod(OutputFile="..\StateMod\cm2005.ddh")
```

WriteDiversiionHistoricalTSMonthlyToStateMod

## WriteDiversiionHistoricalTSMonthlyToStateMod() Command Editor

The command syntax is as follows:

```
WriteDiversiOnHistoricalTSMonthlyToStateMod(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