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# Command Reference: SetDiversionDemandTSMonthlyConstant()

**Set diversion demand time series (monthly) data to a constant value**

## StateMod Command

Version 3.09.01, 2010-02-01

The `SetDiversionDemandTSMonthlyConstant()` command sets diversion demand time series (monthly) data to a constant value. The output period can be set or will default to that defined by the most recent `SetOutputPeriod()` command. If a matching time series is not found, it can be added to the list of time series (at the end). The values that are set are treated the same as observations from HydroBase. To ensure that set values remain, use the `SetDiversionDemandTSMonthlyConstant()` command after other commands that may modify the time series.

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

**Edit SetDiversionDemandTSMonthlyConstant() Command**

This command sets monthly diversion demand time series data to a constant.  
The original data limits are recomputed as if the data are historical data. The time series will be created if it does not exist and IfNotFound=Add.

Diversion station ID:  Required - identifier of station to process.

Constant:  Required - constant value to use.

Set start:  Optional - start date (default=output period).

Set end:  Optional - end date (default=output period).

Recalculate limits:  Recalculate original data limits after set (default=True).

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

Command:

SetDiversionDemandTSMonthlyConstant

## SetDiversionDemandTSMonthlyConstant() Command Editor

The command syntax is as follows:

```
SetDiversionDemandTSMonthlyConstant (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.
Constant	A constant diversion demand value.	None – must be specified.
SetStart	The start of the period for the set, in a standard date/time format for monthly data (e.g., YYYY-MM or MM/YYYY).	The output period start.
SetEnd	The end of the period for the set, in a standard date/time format for monthly data (e.g., YYYY-MM or MM/YYYY).	The output period end.
RecalcLimits	If True, then the constant values will be treated as observations and the historical averages will be recalculated with the values. False will result in the time series being set but the previous averages remaining. The averages are used with fill commands.	True
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"> <li>Add – add the time series if the ID is not matched and is not a wildcard</li> <li>Fail – generate a failure message if the ID is not matched</li> <li>Ignore – ignore (don't add and don't generate a message) if the ID is not matched</li> <li>Warn – generate a warning message if the ID is not matched</li> </ul>	Warn