
Command Reference: SetWellHistoricalPumpingTSMonthly()

Set well historical pumping time series (monthly) data

StateCU and StateMod Command

Version 3.09.00, 2010-01-26

The `SetWellHistoricalPumpingTSMonthly()` command sets the well historical pumping time series (monthly) for a specific well, by reading another time series. If data already exist, the previous time series is discarded. The period of the time series is set to the output period. This command is useful if data cannot be calculated in an automated fashion (e.g., municipal pumping may need to be specified manually). The following dialog is used to edit the command and illustrates the syntax of the command.

Edit SetWellHistoricalPumpingTSMonthly() Command

This command sets a well historical pumping time series (monthly) by reading the data from a file or HydroBase.
The well station identifier is used to match the time series that is read.
Time series identifiers follow the conventions used by TSTool and other CDSS software.
For example, for a StateMod file:
ID..PumpingHist.Month~StateMod~..\path\to\file
For example, for a DateValue file:
ID..PumpingHist.Month~DateValue~..\path\to\file
For example, for HydroBase (use TSTool to determine the identifier):
ID.DWR.DivTotal.Month~HydroBase
It is recommended files be specified using a path relative to the working directory.
The working directory is: C:\Develop\StateDMI_SourceBuild\StateDMI\test\regression\UserManualRef\ReadWellHistoricalPumpingTSMonthlyFromStateMod
If the period that is read is shorter than the output period, it is extended to the output period with missing data.

Well station ID: Required - stations to process.

Time series ID:

<= zero values in average?: Optional - are values <= zero used in averages? (default=True; used later in filling)

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

Command:

```
SetWellHistoricalPumpingTSMonthly(ID="20DELNOR", TSID="20DELNOR..PumpingHist.MONTH~StateMod~..\Tsfiles_2007\20DELNOR.stm", IfNotFound=Add)
```

SetWellHistoricalPumpingTSMonthly

SetWellHistoricalPumpingTSMonthly() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
ID	A single well station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
TSID	The full time series identifier, which is used to locate and read the time series. Currently time series from StateMod and DateValue files, and HydroBase are recognized. See the TSTool input type appendices for the formats of these files. Other input types can be enabled if necessary.	None – must be specified.
LEZeroInAverage	Indicates whether values ≤ 0 should be considered when computing historical averages.	True
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"> Add – add the time series if the ID is not matched and is not a wildcard 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