Command Reference: SetDiversionDemandTSMonthlyConstant()

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

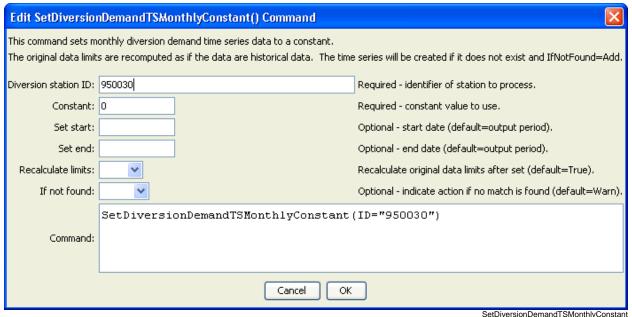
StateMod Command

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.



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 | None – must be specified. |
| | pattern using wildcards (e.g., 20*). | |
| Constant | A constant diversion demand value. | None – must be specified. |
| SetStart | The start of the period for the set, in a standard | The output period start. |
| | date/time format for monthly data (e.g., YYYY-MM | |
| | or MM/YYYY). | |
| SetEnd | The end of the period for the set, in a standard | The output period end. |
| | date/time format for monthly data (e.g., YYYY-MM | |
| | or MM/YYYY). | |
| RecalcLimits | If True, then the constant values will be treated | True |
| | 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. | |
| IfNotFound | Used for error handling, one of the following: | Warn |
| | 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 | |