Command Reference: SetDiversionHistoricalTSMonthlyConstant()

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

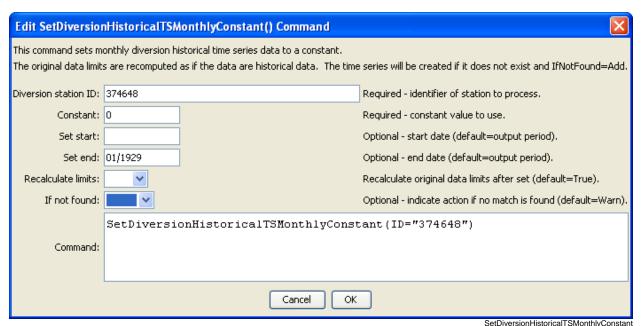
StateMod Command

Version 3.09.01, 2010-02-01

The SetDiversionHistoricalTSMonthlyConstant () command sets diversion historical 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

SetDiversionHistoricalTSMonthlyConstant() 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.



SetDiversionHistoricalTSMonthlyConstant() Command Editor

The command syntax is as follows:

 ${\tt SetDiversionHistoricalTSMonthlyConstant} \ ({\tt Parameter=Value}, ...)$

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 historical diversion 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	