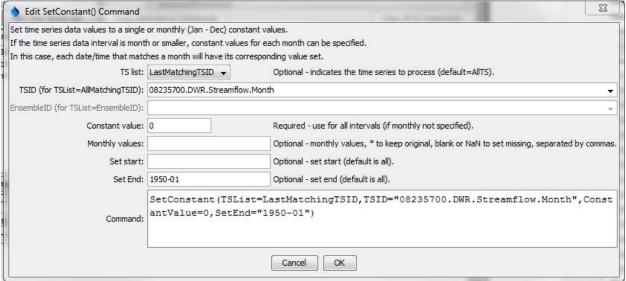
Command Reference: SetConstant()

Set time series data to a single or monthly constant values

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The SetConstant () command sets the values of a time series to a single or monthly constant values.

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



SetConstant() Command Editor

SetConstant

The command syntax is as follows:

SetConstant (Parameter=Value, ...)

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of:	AllTS
	 AllMatchingTSID – all time series that match the TSID (single TSID or TSID with wildcards) will be modified. AllTS – all time series before the command. EnsembleID – all time series in the ensemble will be modified. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be modified. 	

Parameter	Description	Default
	SelectedTS - the time series are those selected with the SelectTimeSeries() command.	
TSID	The time series identifier or alias for the time series to be modified, using the * wildcard character to match multiple time series. Can set using processor \${Property}.	Required if TSList=*TSID.
EnsembleID	The ensemble to be modified, if processing an ensemble. Can set using processor \$ {Property}.	Required if TSList=EnsembleID.
ConstantValue	The constant value to use as the data value.	None – must be specified, or specify monthly values.
MonthValues	Monthly values to use as the data values. Twelve values for Jan – Dec must be specified, separated by commas. * indicates to keep the original value. Blank or NaN indicates to set the value to missing. If the time series data interval is less than monthly, each date/time will be set for a specific month.	None – must be specified, or specify a constant value.
SetStart	The starting date/time for the data set. Can set using processor \$ {Property}.	Set data for the full period.
SetEnd	The ending date/time for the data set. Can set using processor \${Property}.	Set data for the full period.

A sample command file to process a time series from the State of Colorado's HydroBase is as follows (only the early period is set to zero):