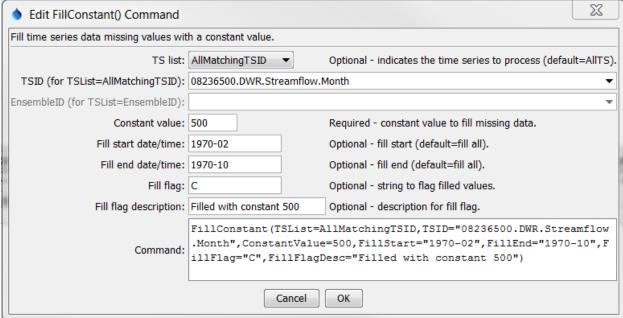
Command Reference: FillConstant()

Fill missing time series data using a constant value

Version 11.02.01, 2015-05-23

The FillConstant () command fills the missing data in a time series with the specified value. This fill technique is useful for filling missing data with zeros, perhaps as the last step in a sequence of filling commands.

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



FillConstant() Command Editor

FillConstant

The command syntax is as follows:

FillConstant(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed:	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.	
	• FirstMatchingTSID – the first time series	
	that matches the TSID (single TSID or TSID	
	with wildcards) will be modified.	

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	• LastMatchingTSID - the last time series	
	that matches the TSID (single TSID or TSID	
	with wildcards) will be modified.	
	• SelectedTS – the time series are those	
	selected with the SelectTimeSeries()	
	command.	
TSID	The time series identifier or alias for the time series	Required for
	to be modified, using the * wildcard character to	TSList=*TSID.
	match multiple time series.	
EnsembleID	The ensemble to be modified, if processing an	Required for
	ensemble.	TSList=EnsembleID.
ConstantValue	Constant value to use when filling missing data.	None – must be specified.
FillStart	Date/time indicating the start of filling, using a	Fill the entire time series.
	precision appropriate for the time series, or	
	OutputStart.	
FillEnd	Date/time indicating the end of filling, using a	Fill the entire time series.
	precision appropriate for the time series, or	
	OutputEnd.	
FillFlag	If specified, data flags will be enabled for the time	No flag is assigned.
	series and each filled value will be tagged with the	
	specified string. The flag can then be used later to	
	label graphs, etc. The flag will be appended to	
	existing flags if necessary.	
FillFlagDesc	Description to use for the fill flag. The description	No description is
	is used in visual products such as reports and graphs.	assigned to the fill flag.

A sample command file to fill a time series from the State of Colorado's HydroBase is as follows:

08236500 - ALAMOSA RIVER BELOW TERRACE RESERVOIR
08236500.DWR.Streamflow.Month~HydroBase
FillConstant(TSList=AllMatchingTSID,TSID="08236500.DWR.Streamflow.Month",
ConstantValue=500,FillStart="1970-02",FillEnd="1970-10",FillFlag="C")