Command Reference: FillConstant()
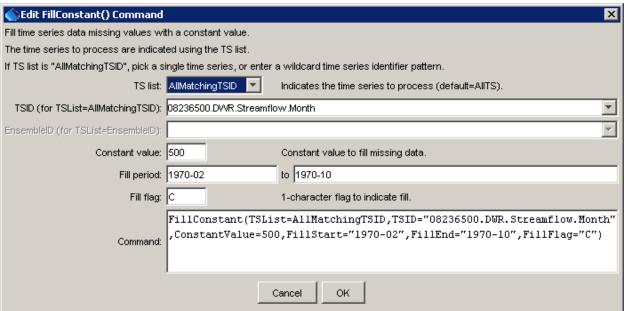
Fill missing time series data using a constant value

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

The command syntax is as follows:

```
FillConstant(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of: • 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. • SelectedTS – the time series are those selected with the SelectTimeSeries() command.	AllTS
TSID	The time series identifier or alias for the time series to be modified, using the * wildcard character to match multiple time series.	TSID or EnsembleID must be specified if identifiers are being matched.
EnsembleID	The ensemble to be modified, if processing an ensemble.	TSID or EnsembleID must be specified if matching identifiers are being matched.
ConstantValue	Constant value to use when filling missing data.	None – must be specified.
FillStart	Date/time indicating the start of filling, using a precision appropriate for the time series, or OutputStart.	Fill the entire time series.
FillEnd	Date/time indicating the end of filling, using a precision appropriate for the time series, or OutputEnd.	Fill the entire time series.
FillFlag	If specified as a single character, data flags will be enabled for the time series and each filled value will be tagged with the specified character. The flag can then be used later to label graphs, etc. The flag will be appended to existing flags if necessary.	No flag is assigned.

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")
```