
Command Reference: ChangePeriod()

Change period of record for time series

Version 09.10.01, 2010-11-18

The `ChangePeriod()` command changes the period for the given time series, for example to extend the time series. A longer period will be filled with missing values.

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

Edit ChangePeriod() Command

Change the time series period.
The time series to process are indicated using the TS list.
If TS list is "AllTS", pick a single time series, or enter a wildcard time series identifier pattern.
Specify period start and end date/times using a precision consistent with the data interval.

TS list: Optional - indicates the time series to process (default=AllTS).

TSID (for TSList=AllMatchingTSID):

EnsembleID (for TSList=EnsembleID):

New start date/time: Optional - specify to change start date/time.

New end date/time: Optional - specify to change end date/time.

Command: `ChangePeriod(TSList=AllTS,NewStart="1900-01")`

ChangePeriod

ChangePeriod() Command Editor

The command syntax is as follows:

```
ChangePeriod (Parameter=Value, ...)
```

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of: <ul style="list-style-type: none"> 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. 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.	Required if TSList=*TSID.
EnsembleID	The ensemble to be modified, if processing an ensemble.	Required if TSList=EnsembleID.
NewStart	The new period start, specified to precision that matches the time series data interval.	Start will remain the same.
NewEnd	The new period end, specified to precision that matches the time series data interval.	End will remain the same.

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

```
# 08236000 - ALAMOSA RIVER ABOVE TERRACE RESERVOIR
08236000.DWR.Streamflow.Month~HydroBase
ChangePeriod(TSList=AllTS,NewStart="1900-01")
```