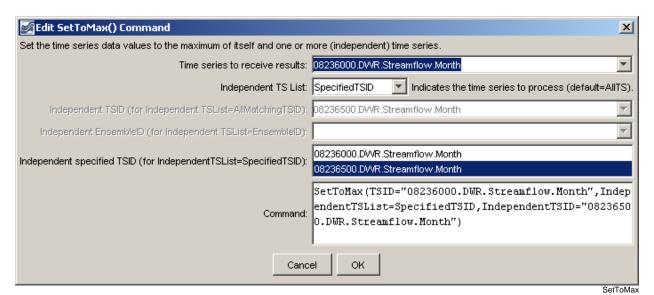
Command Reference: SetToMax()

Set data values to the maximum of values from one or more time series

Version 08.16.04, 2008-09-25

The SetToMax() command sets a time series to contain, for each time step, the maximum of its own values and those of one or more additional (independent) time series. This command replaces the SetMax() command. See also the SetToMin() command.

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



SetToMax() Command Editor

The command syntax is as follows:

SetToMax(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias for the time	None – must be specified.
	series to be modified.	
IndependentTSList	 Indicates how the list of time series is specified, one of: AllTS – all time series before the command. AllMatchingTSID – all time series that match the IndependentTSID (single TSID or TSID with wildcards). EnsembleID – the time series from the specified ensemble will be processed. FirstMatchingTSID – the first time series that matches the TSID (single TSID or TSID with wildcards) will be processed. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be processed. SelectedTS – the time series are those selected with the SelectTimeSeries () command. SpecifiedTSID – the specified list of time series given by the IndependentTSID parameter. 	AllTS (the time series receiving the result will not be checked)
IndependentTSID	If the IndependentTSList= SpecifiedTSID, provide the list of time series identifiers (or alias) to process, separated by commas. If the IndependentTSList parameter is AllMatchingTSID, FirstMatchingTSID, or LastMatchingTSID, specify a single TSID or a TSID with wildcards.	Required if TSList=*TSID.
Independent EnsembleID	Ensemble identifier.	Required if TSList=EnsembleID.

A sample command file to process data from the State of Colorado's HydroBase database is as follows:

```
# 08236000 - ALAMOSA RIVER ABOVE TERRACE RESERVOIR
08236000.DWR.Streamflow.Month~HydroBase
# 08236500 - ALAMOSA RIVER BELOW TERRACE RESERVOIR
08236500.DWR.Streamflow.Month~HydroBase
SetToMax(TSID="08236000.DWR.Streamflow.Month",
    IndependentTSList=SpecifiedTSID,
    IndependentTSID="08236500.DWR.Streamflow.Month")
```