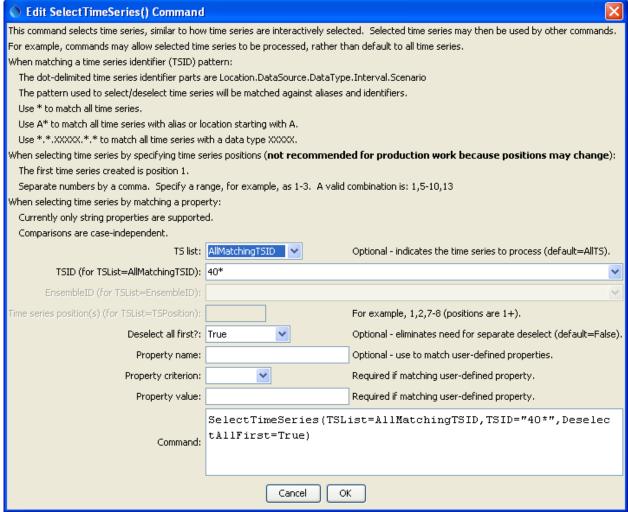# Command Reference: SelectTimeSeries()

Select time series for additional processing

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The `SelectTimeSeries()` command selects output time series, as if done interactively, to indicate which time series should be operated on by following commands. The command minimizes the need for the `Free()` command, when used in conjunction with other commands that use a time series list based on selected time series (`TSList=SelectedTS`). See also the `DeselectTimeSeries()` command.

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

SelectTimeSeries() Command Editor

The command syntax is as follows:

```
SelectTimeSeries(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 (see the `EnsembleID` parameter). • `LastMatchingTSID` – the last time series that matches the `TSID` (single TSID or TSID with wildcards) will be modified. • `TSPosition` – time series specified by position in the results list (see `TSPosition` parameter below).	`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`
TSPosition	A list of time series positions (1+) in output, separated by commas. Ranges can be specified as `Start-End`.	Required if `TSList=TSPosition`
DeselectAllFirst	Indicates whether all time series should be deselected before selecting the specified time series: `True` or `False`.	`False`
PropertyName	Name of user-defined property to check.	
PropertyCriterion	Criterion to evaluate to determine which properties match.	Required if `PropertyName` is specified.
PropertyValue	Value to check against the property value, using criterion.	Required if `PropertyName` is specified.

A sample command file is as follows:

```
TS 401234 = NewPatternTimeSeries(NewTSID="401234..Precip.Day",
Description="Example data",SetStart="2000-01-01",SetEnd="2000-12-31",
Units="IN",PatternValues="0,1,3,0,0,0")
SelectTimeSeries(TSList=AllMatchingTSID,TSID="40*",DeselectAllFirst=True)
```