
Command Reference: TS Alias = ReadTimeSeries()

Read a single time series using a full time series identifier

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The `TS Alias = ReadTimeSeries()` reads a single time series from any input type. This generalized command is useful for converting time series identifiers from the TSTool interface into read commands that assign an alias to a time series. Because the command is generic, it does not offer specific parameters that may be found in read commands for specific input types. Use the specific read commands where available for additional functionality and more specific error handling.

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

Edit TS Alias = ReadTimeSeries() Command

This command is a general time series read command.
Its main purpose is to assign an alias to a time series, which is more convenient to use than the long time series identifier.
Read commands for specific input types generally offer more options and should be used if available.
The alias should be descriptive and should not contain spaces, periods, or parentheses.
See also the `CreateFromList()` command.

Time series alias:

Time series identifier:

If time series not found?: Required - how to handle time series that are not found.

Default units: Optional - units when `IfNotFound=Default`.

Command:

```
TS Alamosa =  
ReadTimeSeries(TSID="08235350.USGS.Streamflow.Day~HydroBase", IfNotFound=Warn)
```

ReadTimeSeries_Alias

ReadTimeSeries() Command Editor

The command syntax is as follows:

```
TS Alias = ReadTimeSeries(Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
Alias	The alias assigned to the time series.	None – must be specified.
TSID	The time series identifier of the time series to read. The identifier should include the input type (and input name, if required). See the input type appendices for examples of time series identifiers for various input types.	None – must be specified.
IfNotFound	Indicates how to handle missing time series, one of: <ul style="list-style-type: none"> Warn – generate fatal warnings and do not include in output. Ignore – generate non-fatal warnings and do not include in output. Default – generate non-fatal warnings and create empty time series for those that could not be found. This requires that a SetOutputPeriod() command be used before the command to define the period for default time series. 	Warn
DefaultUnits	Default units when IfNotFound=Default.	Blank – no units.

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

```
TS Alamosa =
  ReadTimeSeries(TSID="08235350.USGS.Streamflow.Day~HydroBase")
```