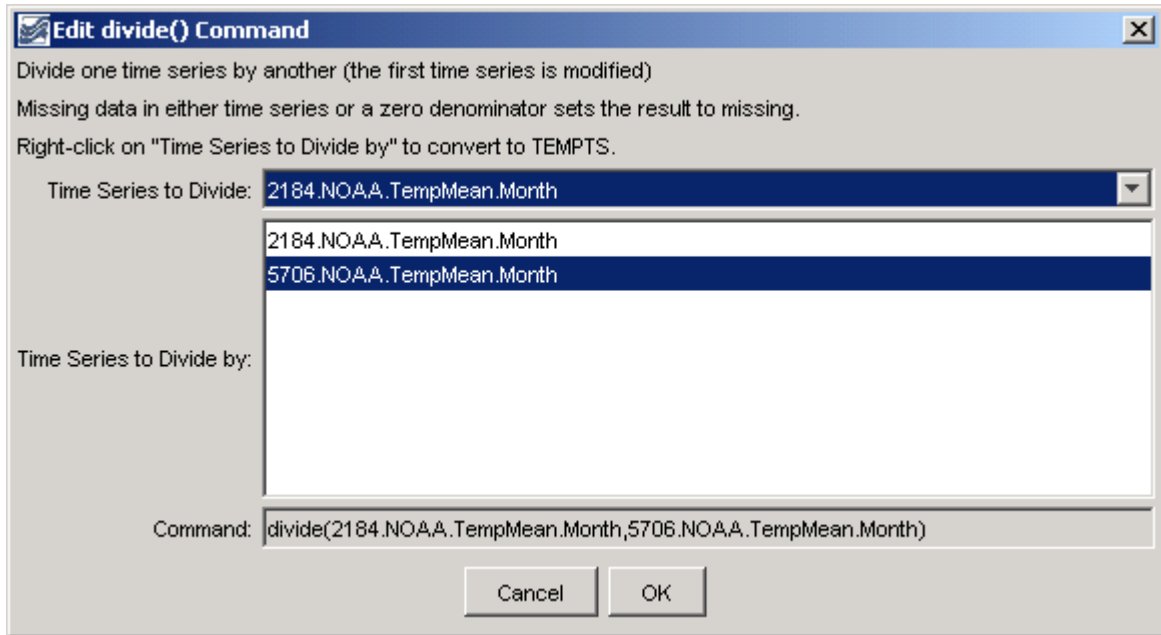

Command Reference: divide()

Divide the Data Values in one Time Series by Data Values in Another Time Series

Version 06.08.02, 2004-08-02, Color, Acrobat Distiller

The `divide()` command divides one time series by another. This is useful for comparing the relative size of time series values (see also `relativeDiff()`). If the divisor is zero or missing, the result is set to missing. The following dialog is used to edit the command and illustrates the syntax of the command.



divide() Command Editor

divide

The command syntax is as follows:

```
divide(TSID,DivisorTSID)
```

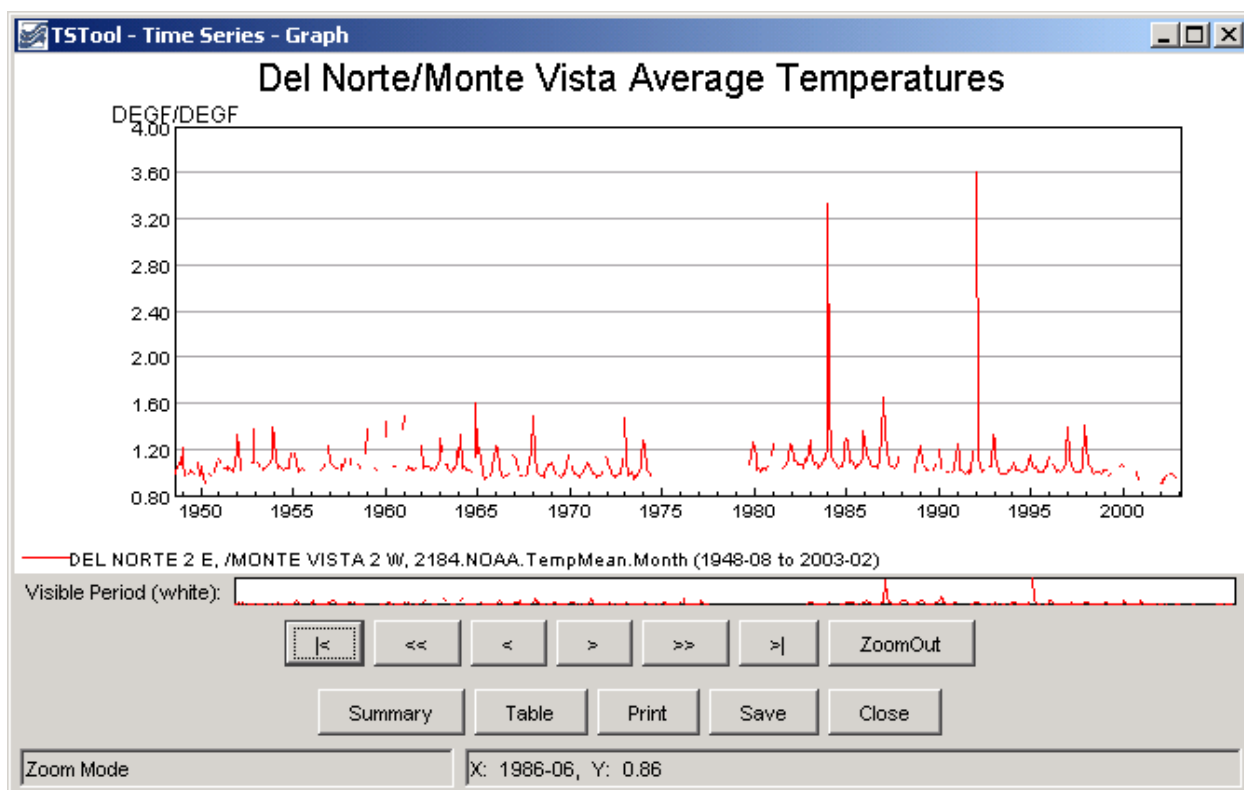
Command Parameters

| Parameter | Description | Default |
|-------------|--|---------------------------|
| TSID | The time series identifier or alias for the time series to be modified. Right clicking on a time series to divide by allows toggling of the TEMPTS key word. This will cause the time series to divide to be read and then discarded, simplifying the input file. However, to insert the time series the first time, the time series must have been listed in the commands file as a time series identifier. | None – must be specified. |
| DivisorTSID | The time series identifier or alias for the time series that is the divisor. | None – must be specified. |

A sample commands file is as follows:

```
# 2184 - DEL NORTE 2 E
2184.NOAA.TempMean.Month~HydroBase
# 5706 - MONTE VISTA 2 W
5706.NOAA.TempMean.Month~HydroBase
divide(2184.NOAA.TempMean.Month,5706.NOAA.TempMean.Month)
```

The resulting graph is as follows:



divide_graph

Results from divide() Command