GRAPH

GRAPH *series for y-axis series for x-axis* ;

Function:

GRAPH plots one series against another, using a scale determined by the range of each series. Use the PLOT command to graph series against time.

If more than one point is plotted in the same place on the graph, the number of such points will be printed if it is less than or equal to 9. If there are more than 10 to 35 observations at one point, A to Z will be plotted. If there are more than 35 observations at one point, an X will be plotted and the number of such points will be listed after the graph, sorted by the X values. Any observations with missing values will not be plotted (and a warning message will be printed).

Usage:

Supply the series names in the order y-axis followed by x-axis.

Example:

```
GRAPH TIME COSINE ;
GRAPH Y X ;
```

Output:

GRAPH produces a one page graph of the second series against the first. The graph is labeled and surrounded by a box.

The size of the graph is controlled by the line printer width option LIMPRN and the page length option LINLIM. These options are automatically set at the beginning of your TSP run, but they may be changed by using the OPTIONS command. If you have already issued an OPTIONS CRT ; command they will be set at 80 characters wide by 24 characters high.

GRAPH does not store any data in data storage.