SUBROUTINE TMAT

Description

This subroutine calculates the MAT time series for each MAT area from
the 6-hour means of the station data.

Calling Sequence

CALL TMAT (IARY,MIARY,NTOTM)

Argument List

Argument	Input/Output	Type	Dimension	Description
IARY	I	I*2	MIARY	The IARY array
MIARY	I	I*4	1	The maximum length of the IARY array
NTOTM	I	I*4	1	The total number of temperature stations with positions in the maximum/minimum pointer and data arrays - this number may include deleted stations