SUBROUTINE TESTI

Description

This subroutine estimates missing data for the temperature stations
with instantaneous data and calls subroutine TMEANI to calculate 6-
hour means for these data.

Calling Sequence

CALL TESTI (IARY,MIARY,NTOTM,IMONTH,IDAY,IYEAR,IPART,MSNG,IORD,IER)

Argument List

Argument	Input/ Output	Type	Dimension	Description
IARY	I	I*2	MIARY	IARY array
MIARY	I	I*4	1	Maximum length of the IARY array
NTOTM	I	I*4	1	Total number of temperature stations with positions in the maximum/minimum pointer and data arrays (may include deleted stations)
IMONTH	I	I*4	1	Month being processed
IDAY	I	I*4	1	Day being processed
IYEAR	I	I*4	1	Year being processed
IPART	I	I*4	1	Indicator for partial day: 0 = full day 1 = partial day
MSNG	I	I*2	1	Value used to indicate missing data
NSTA	I	I*4	1	Number of stations in the temperature station order list
IORD	I	I*2	NSTA	Temperature station order list
IER	O	I*4	1	Error code: 0 = normal return 1 = error encountered