

IX.3.2B-SYSTEM-QOBSDA SUBROUTINE QOBSDA

Description

Subroutine QOBSDA writes the observed integer and real data into a real array or to a temporary file.

Calling Sequence

CALL QOBSDA (STAID, ST, DTYPE, DESC, ISTNUM, NWROTE, IWROTE, NVLPOB, OBS, IOBS, NUMOBS, PRINT, IPRINT, IMULT, IUNIT, NUMHRS, FHOURL, LHOURL)

Argument List

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
STAID	Input	A8	1	Station identifier
ST	Input	A4	1	State identifier
DTYPE	Input	A4	1	Data type code
DESC	Input	A20	1	Station description
ISTNUM	Input	I*4	1	Station number
NWROTE	Input	I*4	1	Number of temporary files written to
IWROTE	Input	I*4	?	Unit number of temporary files written to
NVLPOB	Input	I*4	1	Number of values per observation: 2 = instantaneous data 3 = mean data
OBS	Input	R*4	LOBS	Observed data array
IOBS	Input	I*4	LOBS	Same as array OBS
NUMOBS	Input	I*4	1	Number of observations
PRINT	Output	R*4	LPRINT	Array of data to be printed
IPRINT	Output	I*4	LPRINT	Same as array PRINT
IMULT	Input	I*4	1	Multiple data type print indicator: 0 = no 1 = yes

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IUNIT	Input	I*4	1	Unit number of temporary file
NUMHRS	Input	I*4	1	Number of hours of data that can be held in array PRINT
FHOUR	Input	I*4	1	Julian hour of first observed data value
LHOUR	Input	I*4	1	Julian hour of last observed data value