

## IX.3.2B-SYSTEM-QOVLAP SUBROUTINE QOVLAP

### Description

Subroutine QOVLAP removes overlapping periods in mean data.

The observed data are written to a work array that contains hourly value observations. The shorter periods are used to distribute longer overlapping periods.

### Calling Sequence

CALL QOVLAP (STAID, DTYPE, IMISS, OBS, IOBS, NCOUNT, F HOUR, LOBS, WORK, LWORK, LPOINT, IPOINT, QMIN, ODIST, INTVAL, AINIT)

### Argument List

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
STAID	Input	A8	1	Station identifier
DTYPE	Input	A4	1	Data type code
IMISS	Input	I*4	1	Indicates whether missing data is allowed: 0 = missing data allowed 1 = missing data not allowed
OBS	Input	R*4	LOBS	Observed data array
IOBS	Input	I*4	LOBS	Same as array OBS
NCOUNT	Input	I*4	1	Number of observations times the number of values per observation
F HOUR	Input	I*4	1	Hour of first value in the WORK array
LOBS	Input	I*4	1	Length of array OBS
WORK	Output	R*4	LWORK	Work array
LWORK	Output	I*4	1	Length of array WORK
LPOINT	Input	I*4	1	Length of array IPOINT
IPOINT	Input	I*4	LPOINT	Pointer array
QMIN	Input	R*4	1	Level below which distribution factors are used

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
QDIST	Input	R*4	24	Distribution factors
INTVAL	Input	I*4	1	Data time interval
AINIT	Input	R*4	1	Value used to initialize array WORK