IX.4.3C-MAT PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY MAT: MEAN AREAL PRECIPITATION (MAT) AREA PARAMETERS

Purpose

Parameter array MAT contains parameters used to compute Mean Areal Temperature (MAT) for an MAT area.

Array Contents

Starting Position	Dimension	Type	Input/ Generated	Description
1	1	I*4	G	Parameter array version number
2	1	A8	I	MAT area identifier
4	1	A20	I	Description
9	2	R*4	I or G	Centroid of area; latitude and longitude; units of decimal degrees
11	1	A8	I	Identifier of basin boundary used by this area 1/
13	1	I*4	I	Type of station weights: 1 = predetermined 2 = grid point 3 = 1/D**POWER
14	1	R*4	I	Exponent in 1/D**POWER 2/
15	2	R*4	G	Unused
17	1	I*4	G	Number of TEMP stations used to compute MAT (NTEMP) 3/
18	NTEMP	A8	I or G	TEMP station identifiers
18+2*NTEMP	NTEMP	I*4	G	Array locations for maximum/minimum TEMP data for station 4/
18+3*NTEMP	NTEMP	R*4	I or G	Station weights

Notes:

1/ Defined only if grid point weights are being used. If not, the identifier is blank.

2/ Defined only if 1/D**POWER weights used.

3/ No maximum value.

4/ Array location is the location of the pointers in the pointer array returned from the Preprocessor Data Base routine RPDDLY for data type TM24.