

IX.4.3C-SYSTEM-MARO PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY
 MARO: WGRFC GRID SYSTEM MEAN AREAL RUNOFF (MARO)
 AREA PARAMETERS

Purpose

Parameter array MARO contains parameters used by the Mean Areal Runoff (MARO) Preprocessor Function to compute mean areal runoff (MARO), mean areal precipitation (MAPG) and mean areal API (MAPI) time series for an WGRFC grid system area.

Array Contents

<u>Starting Position</u>	<u>Dimension</u>	<u>Type</u>	<u>Input/Generated</u>	<u>Description</u>
1	1	I*4	G	Parameter array version number
2	1	A8	I	MARO area identifier
4	1	A20	I	Description
9	2	R*4	I	Location; latitude and longitude; units of decimal degrees
11	1	I*4	I	Number of grid points in the MARO area (NGRID)
12	2	I*4	G	Record numbers of the MAPG and MAPI time series <u>1/</u>
14	1	I*4	G	Grid point address of the station assigned to the MARO area
15	1	A8	I	Station identifier
17	3	I*4	I	The MDR box numbers of 3 selected MDR boxes that surround the area <u>2/</u>
20	3	I*4	G	Grid point addresses of the centroid of each of the 3 MDR boxes
23	2	R	G	Unused
25	NGRID	I	I	Grid point address of each grid point in the MARO area <u>3/</u>
25+NGRID	NGRID	I	I	Rainfall-runoff relation number associated with each grid point

Notes:

- 1/ If the record numbers are zero then the time series are not written
One or both can be zero.
- 2/ The selection process is arbitrary. However the centroid grid
point of the selected box should not be one of the grid points
contained in the MARO area.
- 3/ Depending upon how the member grid points are selected it is
possible for a given grid point to be included in more than one
MARO area.