

IX.4.3C-XGRD PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY XGRD:
MAPX GRID POINT DEFINITION PARAMETERS

Purpose

Parameter array XGRD contains parameters defining the HRAP grid definition used by the NEXRAD Mean Areal Precipitation (MAPX) Preprocessor Function.

Array Contents

<u>Starting Position</u>	<u>Dimension</u>	<u>Type</u>	<u>Input/Generated</u>	<u>Description</u>
1	1	I	G	Parameter array version number
2	1	I	G	Number of MAPX areas used in all Carryover Groups (NXA)
3	2	R	G	Unused <u>1/</u>

The following two items are repeated NXA times: 2/ 3/

5	1	I*2	G	Number of line segments used in the basin boundary definition for the MAPX area (NSEGS)
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The following item is repeated NSEGS times: 4/

6	3	I*2	G	National HRAP grid row number and beginning and ending column number for the line segment
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Notes:

- 1/ Initialized to -999.0.
- 2/ Starting location is only for the first set of values.
- 3/ The order is based on the order of the MAPX areas in the MXCO parametric data type.
- 4/ NSEGS and the row and column information is obtained from the BASN parametric data type associated with each MAPX area.