

IX.4.3C-SYSTEM-RFRO PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY
 RFRO: WGRFC GRID SYSTEM RAINFALL-RUNOFF RELATION
 CONSTANT PARAMETERS

Purpose

Parameter array RFRO contains parameters for a rainfall-runoff relationship for use in the WGRFC grid system Mean Areal Runoff (MARO) Preprocessor Function.

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	Rainfall-runoff relation identifier
4	1	I*4	I	Rainfall-runoff relation number
5	2	R*4	G	Unused
7	10	R*4	I	Rainfall-runoff relation parameters <u>1/</u>

Notes:

1/ The order of the parameters is as follows:

- A - WN intercept on the RI1 axis
- WN - wettest week
- WX - driest week
- BI - WX intercept on the RI1 axis
- SK - empirically derived adjustment constant
- SM - empirically derived adjustment constant
- E1 - curvature constant for WN
- E2 - curvature constant for WX
- CP - a power constant that governs the transition from WN to WX
- POW - empirically derived adjustment constant

A value of -999.0 is entered if the parameter is not defined.