

IX.4.3C-RRS      PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY RRS:  
 STATION RIVER, RESERVOIR AND SNOW PARAMETERS

Purpose

Parameter array RRS contains station parameters used by the River, Reservoir and Snow (RRS) 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	Station identifier
4	1	I*4	I	Station number
5	1	A20	I	Description
10	1	A2	I	United States Postal Service 2-character state identifier
11	1	R*4	G	Unused
12	1	I*4	G	Number of data types (NTYPE)
13	1	I*4	G	Number of data types for which missing is not allowed (NMISS)
14	1	I*4	G	Number of data types that allow mean discharge distribution parameters (NDIST)
15	NTYPE	A4	I	Data type codes
15+NTYPE	NTYPE	A4	I or G	Indicator whether missing data is allowed: 'SAME' = missing allowed other = missing not allowed; code for output data type
15+NTYPE*2	NTYPE	I*4	I	Data time interval;

<u>Starting Position</u>	<u>Dimension</u>	<u>Type</u>	<u>Input/ Generated</u>	<u>Description</u>
				units of HR: <u>1/</u> <0 = no time series created for this type
15+NTYPE*3	NTYPE	I*4	G	Number of values per observation
15+NTYPE*4	NTYPE	I*4	I	Minimum number of days of data to be retained in Preprocessor Data Base
15+NTYPE*5	NTYPE	I*4	I	Typical number of observations held in the Preprocessor Data Base
15+NTYPE*6	NTYPE	I*4	G	Record number of time series header in Processed Data Base
15+NTYPE*7	NMISS	I*4	I	Interpolation option <u>2/</u>
15+NTYPE*7 +NMISS	NMISS	R*4	I	Extrapolation recession constant <u>2/</u>
15+NTYPE*7 +NMISS*2	NTYPE	R*4	I or G	Minimum discharge below which distribution is applied; units of CFS: <0 = time distribution parameters not defined for this type
15+NTYPE*8 +NMISS*2	(24,NDIST)	R*4	I	Fraction of flow typically occurring during each hour of the hydrologic day

Notes:

- 1/ The data time interval is used to create the time series in the Processed Data Base. If the data time interval is negative then no time series is created.
- 2/ Defined only if missing is not allowed in the time series stored in the Processed Data Base.