

COMMON BLOCK SUDTRX

Purpose

Contains NWSRFS River, Reservoir and Snow (RRS) data type codes and attributes. The common block can be filled by calling subroutine UDTRRS.

Listing

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COMMON /SUDTRX/ IURFIL, MURTYP, NURTYP, RRSCD (murtyp), ICLASS (murtyp),  
                NPROBS (murtyp), UMISS (murtyp), UNTIN (murtyp),  
                UNTOUT (murtyp), DISTRB (murtyp), LFIELD (murtyp),  
                NUMDEC (murtyp), CHKMIN (murtyp), CHKMAX (murtyp)
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Description of Variables

<u>Variable Name</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
IURTYP	I	1	1	Indicator whether common block has been filed 0 = No 1 = Yes
MURTYP	I	1	2	Maximum number of data types that can be stored
NURTYP	I	1	3	Number of data types stored
RRSCD	A	MURTYP	4	RRS data type codes
ICLASS	I	MURTYP	4+MURTYP	Data type class 0 = not defined 1 = River and Reservoir (RR) data 2 = Snow (SNW) data
NPROBS	I	MURTYP	+2*MURTYP	Number of values per data observation -1 = not defined 2 = instantaneous data 3 = mean data
UMISS	A	MURTYP	4+3*MURTYP	Indicator whether missing data is allowed 'SAME' = missing allowed Other = missing not allowed - value is code for output data type
UNTIN	A	MURTYP	4+4*MURTYP	Units in which data is stored in the Preprocessor Observed Data Base

<u>Variable Name</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
UNTOUT	A	MURTYP	4+5*MURTYP	Units in which data is stored in the Processed Data Base
DISTRB	A	MURTYP	4+6*MURTYP	Indicator whether data type is a mean discharge and a daily time distribution is allowed 'NONE' = No 'DIST' = Yes
LFIELD	I	MURTYP	4+7*MURTYP	Field length to be used when printing data
NUMDEC	I	MURTYP	4+8*MURTYP	Number of decimal places to be used when printing data
CHKMIN	R	MURTYP	4+9*MURTYP	Minimum valid value allowed when writing data to the Preprocessor Observed Data Base
CHKMAX	R	MURTYP	4+10*MURTYP	Maximum valid value allowed when writing data to the Preprocessor Observed Data Base