

IX.3.4B PREPROCESSOR DATA BASE READ/WRITE SUBROUTINE DESCRIPTIONS

This Section describes the subroutines used to access the Preprocessor Data Base.

The subroutines described include:

<u>Routine</u>	<u>Function</u>
RPPDCO	Read file control information [Hyperlink]
RPDHSB	Read file hash information [Hyperlink]
RPDDLX	Reads data for one day for all stations of a specified data type for those data types which are stored by day [Hyperlink]
RPDRRS	Read river, reservoir or snow (RRS) data types for one station for a specified period [Hyperlink]
RPD1S	Read observed data for non-RRS data types for one station for specified days [Hyperlink]
RPD1SF	Read future data for non-RRS data types for one station for specified days [Hyperlink]
RPDFIL	Get number of words to be filled in pointer and data arrays by daily data read routine (RPDDLX) for a specified data type [Hyperlink]
RPDDTE	Get first and last Julian date for which observed data are on the PPDB for a specified type of data stored by days [Hyperlink]
RPDID	Get 8 character station identifier given the user supplied station number or vice-versa [Hyperlink]
RPLRS	Get length of work space needed to read or write any RRS data type [Hyperlink]
WPD1S	Write observed non-RRS data types except for stranger precipitation reports and MDR data for one station for specified days and updates station reporting statistics [Hyperlink]
WPD1SF	Write forecast non-RRS data types for one station for specified days and updates station reporting statistics [Hyperlink]
WPDRRS	Write river, reservoir or snow (RRS) data types for one station for a specified period [Hyperlink]
WPPDCO	Write control information [Hyperlink]

Descriptions of each of these routines follow in alphabetical order.

The following information is included for each subroutine:

- o Description
- o Calling sequence
- o Argument list
- o Variable name
- o Input or Output
- o Type
 - An = n byte Alphanumeric
 - I*2 = 2 byte Integer
 - I*4 = 4 byte Integer
 - R*4 = 4 byte Real
- o Dimension
- o Description