Description

Subroutine WPDMDR writes 6 hour sums of MDR data for the entire RFC
area for a specified 6 hour period.

Calling Sequence

CALL WPDMDR (JDAY,IPER,NVALS,LDATA,MDATA,ISTAT)

Argument List

Argument	Input/ Output	Type	Dimension	Description
JDAY	Input	I*4	1	Julian day of data to be written 3/
IPER	Input	I*4	1	Period to be written 1/
NVALS	Input	I*4	1	Number of values to be written 2/
LDATA	Input	I*4	1	Length of MDATA array (I*2 words)
MDATA	Input	I*2	LDATA	Array containing 6 hour MDR sums for subset of the National grid

ISTAT	0	I*4	1	Status code:
				 0 = okay
				 1 = number of values to be
				    written was more than space
				    available on PPDB
				 2 = period to be written was
				    not continuous with dates
				    of other MAP preprocessor
				    files; data not written
				 3 = system error writing PPDB
				    MDR file
				30+ = data value out of range

Notes:

1/ Valid values for the periods of the day are:

Value	Period
1	HZ to HZ+6
2	HZ+6 to HZ+12
3	HZ+12 to HZ+18
4	HZ+18 to HZ+24

where HZ is the Z time hour at the start and end of the

hydrologic day

2. Must be equal to or less than the space on the file allotted for
    each 6-hour period.

3. Value specified is the Julian day for the end of the 24 hour period
    in Z time for which data are input.