IX.3.4B-SYSTEM-WPDDLY SUBROUTINE WPDDLY

Description

Subroutine WPDDLY writes all data of a given daily data type to the Preprocessor Data Base (PPDB) for one day.

The data are in the exact form needed for storage on the PPDB. The subroutine is primarily intended for use in writing grid-point values of precipitation and API for all grid points used in the WGRFC MARO preprocessor function.

Calling Sequence

CALL WPDDLY (ITYPE,JDAY,LDATA,IDATA,ISTAT)

Argument List

Argument	Input/ Output	Type	Dimension	Description
ITYPE	Input	A4	1	Data type ('APIG' or 'PG24')
JDAY	Input	I*4	1	Julian day of data to be written 1/
LDATA	Input	I*4	1	Number of values to be written (I*2 words) 2/
IDATA	Input	I*2	LDATA	Array containing data values for the day 3/
ISTAT	Output	I*4	1	Status code: 0 = okay 1 = number of values to be written exceeds the space available on the PPDB 2 = day to be written is not continuous with dates of other PPDB daily data types - data not written 3 = system error accessing file

Notes:

1. Value specified is the Julian day for the end of the 24-hour period in Z time for which data are to be written.

2. Must be equal to or less than the space allocated on the file for each day.

3. The PPDB units for grid-point precipitation and API are hundredths

of an inch. Estimated precipitation values are negative. Missing data values or non-used grid points are stored as -9999.