Purpose

Command PDB computes the size of the Preprocessor Data Base files.

Input Data (free format)

Card	Columns	Field	Format	Contents
1	1-72	1		'PDB'
2	1-72	1		'DLYTYPES'
		2		'MAXDAYS' (optional)
		3	I	Maximum number of days of data to be stored (optional) 1/
3	1-72	1	A4	Daily data type code 2/
		2	I	Maximum number of stations to be stored 2/
		3	I	Maximum number of days to be stored (optional) 1/ 2/
		4	A7	Name of file in which data is to be stored (optional) 2/ 3/ 4/
4	1-72	1		'RRSTYPES'
5	1-72	1	A4	RRS data type code 8/
		2	I	Maximum number of stations 8/
		3	I	Typical number of observations to be stored in primary space 5/ 8/

Repeat card 5 for each RRS data type code.

Card	Columns	Field	Format	Contents
6	1-72	1		'RRSFREE'
		2		Name of file in which RRS free pool records are to be stored 3/ 6/
		3	I	Percent of primary storage space to be allocated to free pool 7/
7	1-72	1		'MAXSTA'
		2	I	Maximum number of stations that will be allowed to be defined

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Card  Columns  Field  Format  Contents

  8    1-72      1             'MAXFUT'

              2      I      Maximum number of days between last
                            observed data day and first day of
                            future data 9/

  9    1-72      1             'END'
```

Notes:

1/ If the maximum number of days is specified on the DLYTYPES card
    the value will be used as the default. If not the value must be
    input for each data type.

2/ See section I.5.3-FILECRAT-PDB for a list of valid data type
    codes.

    If the data type is MDR6 the value entered in field 2 is the
    number of MDR boxes in the user defined MDR subset.

    IF the data type is PPST field 2 contains the number of 6-hour
    stations and field 3 contains the number of 24-hour stations.

    If the data type is MISC field 2 contains the percent of the
    current file size to be added as miscellaneous space, field 3
    contains a zero and field 4 contains the file name.

3/ Valid file names are PDBDLYn where n is a number from 1 through 5.

4/ See Section I.5.3-FILECRAT-PDB for a list of default file
    allocations.

5/ The typical number of observation for a data type is used to size
    the primary space for storing data. If more than the typical
    number of observations are received during the specified minimum
    number of day to be retained the new observations are stored in
    the free pool records.

6/ The RRS free pool records can be stored in any of daily data
    files. The records cannot be stored in the RRS data file
    (PDBRRS).

7/ The percent of RRS primary storage space to be allocated to the
    RRS free pool is used to size the free pool space. The percentage
    is based on how conservative the typical number of observations is
    for each data type. If the typical observations value is under
    estimated the percentage should be greater than if it is over
    estimated. The default percentage is 10.

8/ This card can be repeated for the same data type with different
    values of maximum number of stations and typical number of
    observations.

    If the data type is MISC and two fields are input, field 2

contains the percent of the current file size to be added as miscellaneous space.

If the data type is MISC and three fields are input, field 2 contains the maximum stations and field 3 contains the typical observations to be used to compute the number of records to be added as miscellaneous space.

9/ Card is optional. MAXFUT value will be set to 1 if not entered.