VI.7 OPERATIONAL FORECAST SYSTEM FILE REORDER PROGRAM (REORDER)

The Operational Forecast System (OFS) File Reorder Program (REORDER)
is used to reorder the Preprocessor Data Base, Preprocessor Parametric
Data Base, Processed Data Base and Forecast Component Data Base files
to minimize disk accesses during operational runs and to recover any
unusable space.

The program copies the data in the old set of files to a new set as it
does the reordering. The new set of files can be smaller, the same
size or larger than the old set. This allows the file sizes to
increases or decrease as the use of the OFS changes.

Program REORDER should be run whenever the OFS files are out of order
to such a degree that there is a significant increase in disk accesses
over the accesses needed when the files are in the proper order. Some
situations when program REORDER should be run to minimize disk
accesses are:

    o after the files are initialized (i.e., after all the steps listed
       in section VI.2.2 have been completed)

    o after some number of new stations, areas, Rating Curves or
       Segments have been added

    o after a number of stations, areas, Rating Curves or Segments have
       been deleted

    o after a number of stations, areas or Segments have been redefined
       with changes to the amount of information contained in the
       definition (changes to existing values result in changes being
       made in place which does not affect the order on the files)

    o if the computational order is changed by changing the method of
       alphabetical ordering (from identifier to description or vice-
       versa) or changing the order of Segments in the Forecast Groups
       and Carryover Groups

Commands

The following commands are available:

    Command   Purpose

    @COPY   Copy specified data bases   [Hyperlink]

    @INITFILE   Initialize files   [Hyperlink]

    @ORDER   Reorder specified data bases   [Hyperlink]

    @OVERPRNT   Control whether to overprint ERROR and   [Hyperlink]
                       WARNING messages

Command	Purpose	
@STATUS	Set data base status print option	[Hyperlink]
@STOP	Stop program execution	[Hyperlink]

Program Execution Information

See Chapter I.2 [Hyperlink] for information about how to execute the program.