VI.2.4A   OPERATIONAL FORECAST SYSTEM FILE REORDERING USING PROGRAM
          REORDER


## Purpose

The File Reorder Program (REORDER) is used to reorder all the OFS file
set to minimize disk accesses during operational runs and to compress
the files to remove unusable space.

The program moves the data in the old set of user files to a new
unused set as it does the reordering and compressing.  The new set of
files can be smaller, the same size or larger than the old set.  This
allows the user to increases or decrease file sizes as the use of the
Operational Forecast System (OFS) changes.

Chapter VI.7 [Hyperlink] contains more information about program
REORDER.


## Program Use

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 the program should be run are:

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

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

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

   o  after 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