ADAMER Output Report Description

The following entries appear on the report produced by ADAMER:

Field	Explanation
LOADISNS	Number of records contained in the input data set.
MAXISN	Total file records (see the MAXISN parameter description).
DATA DEVICE	Data Storage device type (see the DATADEV parameter description).
DATAPFAC	Data Storage padding factor (see DATAPFAC parameter description).

The following fields appear under "AVERAGE NUMBER OF EXCPs":

Field	Explanation
Data Storage SIZE	See the DATASIZE parameter description. The number of cylinders is rounded up to the nearest integer.
BIT-PARM	See the BITRANGE parameter description.
FOR LOADISNS	The average number of I/Os required to find and read a record when the ADAM descriptor is used. This result assumes that the number of records in the file is equal to the number of records contained in the input data set.
DISK USAGE	The percentage of Data Storage space occupied after initial loading of the file. This result assumes that the number of records to be loaded is equal to the number of records contained in the input data set.
FOR MAXISN	The average number of I/Os required to find and read a record when using the ADAM descriptor. This result assumes that the number of records in the file is equal to the value specified with the MAXISN parameter.
DISK USAGE	The percentage of Data Storage space occupied after initial loading of the file. This result assumes that the number of records to be loaded is equal to the number of records specified with the MAXISN parameter.

Using the information contained on the ADAMER report, the user can determine

- the optimum balance between access and Data Storage space requirements; and
- the optimum number of bits that should be truncated from each ADAM descriptor value so that records containing similar beginning values are loaded into the same physical block. This is necessary only if optimization of sequential reading is desired.