

PIONEER 10  
BACKGROUND SKY TAPES

72-012A-14A

Tape Format

This dataset originally consisted of two tapes that have been stacked onto one 6250 bpi tape. Files 1-45 are from tape 1, and files 46-58 are from tape 2. Each original tape had a header file (files 1 and 46 on the new tape) that contains two header records. The rest of the files are data files and contain one header record, followed by data records. The data were originally written in UNIVAC 1100 36-bit words. They have been converted to ASCII.

The header records are fixed length and contain zero-values for any unused space. Each data record is divided into four sectors. Each sector contains 16 header words (items 1-16 on format below), and a variable number of 14-word elements, one for each star in the sector (the number of stars is contained in item 6 of the sector header).

NOTE: The first record of the first header file (file 1 on tape) is missing.

Following is a more detailed description of each part of the tape.