#762

89-089A-02B
DIRBE WEEKLY SKYMAPS

89-089A-02C
ANNUAL AVERAGE SKYMAPS
89-089A-02D
SOLAR ELONG=90 DEGREE SKYMAPS
89-089A-02E
DIRBE GALACTIC PLANE MAPS
89-089A-02F
DIRBE BEAM PROFILE MAPS

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:

http://nssdc.gsfc.nasa.gov/nmc/

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/

b. Core Catalog Materials

89-089A-02B ASIR-00040

COBE

COBE DIRBE WEEKLY SKY MAPS

THIS DATASET CONSIST OF 1 MAGNETIC TAPE. THE TAPE IS 4MM, 1600 BPI, VAX LABELLED. HEADER FILE WRITTEN IN ASCII, DATA FILES IN BINARY. A DIRECTORY OF THE TAPE IS INCLUDED IN THE CATALOG. THE D AND C NUMBER ALONG WITH THE TAPE LABEL NAME, NUMBER OF DATA FILES IS LISTED BELOW. SUPPORT DOCUMENTATION FOR THIS DATA IS CONTAINED ON-LINE IN THE ANON_DIR FOR COBE.

D#	C#	LABEL	FILES
D-107955	C-031951	B_PDS1	41

Directory of B_PDS1

DIRBE_WK4_WEEKLY_AVERAGED_SKYMAP.FITS;5
DIRBE_WK5_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK6_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK7_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK8_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK9_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK10_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK11_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK12_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK13_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK14_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK15_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK16_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK17_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK18_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK19_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK20_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK21_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK22_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK23_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK24_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK25_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK26_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK27_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK28_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK29_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK30_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK31_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK32_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK33_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK34_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK35_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK36_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK37_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK38_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK39_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK40_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK41_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK42_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK43_WEEKLY_AVERAGED_SKYMAP.FITS;1
DIRBE_WK44_WEEKLY_AVERAGED_SKYMAP.FITS;1

Total of 41 files.

```
RECORD 1     2880 BYTES

SIMPLE  =                    T / file does conform to FITS standard
data pixel                  NAXIS   =                    0 / number of data axes
     T / FITS dataset may contain extensions            DATE    = '23/09/94'
    DATE-MAP= '24/06/94'           / Date of original file creation (dd/mm/yy)
Analysis Center                 TELESCOP= 'COBE    '           / COsmic Backgrou
           / COBE instrument [DIRBE, DMR, FIRAS]            OBJECT  = 'WEEKLY-SK
        COMMENT                         /                   GAL-SLICE]
coords in following tables          REFERENC= 'DIRBE Explanatory Supplement' /
  COBE specific keywords                                        DATE-BEG= '11/12
dd/mm/yy)   DATE-END= '17/12/89'           / date of final data represented    (
ee pixel resolution [6, 9]              COMMENT
      DIRBE specific keywords                                       PRODUCT = 'W
 Week 4         VERSION = 'Pass 2B '           / Version of Data Reduction Softw
inal wavelength of Band 1                   WAVE2   = '2.2  microns'       / nom
= '3.5  microns'       / nominal wavelength of Band 3                   WAVE4
4                   WAVE5   = '12.  microns'       / nominal wavelength of Band
 nominal wavelength of Band 6                   WAVE7   = '60.  microns'       /
8   = '100. microns'       / nominal wavelength of Band 8                   WAVE
and 9                   WAVE10  = '240. microns'       / nominal wavelength of B
   / all available solar elongations included       APPVEC  = 'COMBINED'
ZLREMOV = 'NO      '           / signal from zodiacal dust remains in map
                            COMMENT
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ASCII LIST OF 1MUA80:[]DIRBE_WK4_WEEKLY_AVERAGED_

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RECORD 9751     2880 BYTES

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89-089A-02C ASIR-00039
COBE
ANNUAL AVERAGE SKYMAPS

89-089A-02D ASIR-00055
SOLAR ELONG=90 DEGREE SKYMAPS

89-089A-02E ASIR-00028
DIRBE GALACTIC PLANE MAPS

89-089A-02F ASIR-00044
DIRBE BEAM PROFILE MAPS

THIS DATA SET CONSISTS OF 1 VAX LABELED MAGNETIC TAPE. THE TAPE IS 4MM, 1600 BPI, VAX LABELLED. THE HEADER FILE IS WRITTEN IN ASCII, WHILE THE DATA FILES ARE WRITTEN IN BINARY. A COPY OF THE BACKUP LIST FOR THIS TAPE HAVE BEEN INCLUDED IN THE CATALOG. THE D AND C ALONG WITH TOTAL FILES ARE LISTED BELOW.

D#	C#	LABEL	FILES
D-107956	C-031952	B_PDS2	37

Directory of D-107956

```
DIRBE_BAND04_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND04_ELONGAT
DIRBE_BAND05_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND05_ELONGAT
DIRBE_BAND06_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND06_ELONGAT
DIRBE_BAND07_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND07_ELONGAT
DIRBE_BAND08_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND08_ELONGAT
DIRBE_BAND09_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND09_ELONGAT
DIRBE_BAND10_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND10_ELONGAT
DIRBE_BAND1A_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND1A_ELONGAT
DIRBE_BAND2A_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND2A_ELONGAT
DIRBE_BAND3A_ANNUAL_AVERAGE_SKYMAP.FITS;2                    DIRBE_BAND3A_ELONGAT
DIRBE_BEAM04.FITS;1 DIRBE_BEAM05.FITS;1 DIRBE_BEAM06.FITS;1 DIRBE_BEAM07.FITS;1
DIRBE_BEAM08.FITS;1 DIRBE_BEAM09.FITS;1 DIRBE_BEAM10.FITS;1 DIRBE_BEAM1A.FITS;1
DIRBE_BEAM1B.FITS;1 DIRBE_BEAM1C.FITS;1 DIRBE_BEAM2A.FITS;1 DIRBE_BEAM2B.FITS;1
DIRBE_BEAM2C.FITS;1 DIRBE_BEAM3A.FITS;1 DIRBE_BEAM3B.FITS;1 DIRBE_BEAM3C.FITS;1
DIRBE_GALACTIC_PLANE_MAPS.FITS;2
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Total of 37 files.

ASCII LIST OF 1MUA80: DIRBE_BAND04_ANNUAL_AVERAGE

RECORD 1 80 BYTES

VOL1B_PDS2 3

ASCII LIST OF 1MUA80: DIRBE_BAND04_ANNUAL_AVERAGE

RECORD 2 80 BYTES

HDR1DIRBE_BAND04_ANNU 00010001000101 94271000092 000000DECFILE11A

ASCII LIST OF 1MUA80: DIRBE_BAND04_ANNUAL_AVERAGE

RECORD 3 80 BYTES

HDR2F0288002880 M 00

ASCII LIST OF 1MUA80: DIRBE_BAND04_ANNUAL_AVERAGE

RECORD 4 80 BYTES

HDR30B4000010000000000010000000000000000B4000000000000000000000000000

ASCII LIST OF 1MUA80: DIRBE_BAND04_ANNUAL_AVERAGE

RECORD 5 80 BYTES

HDR4 AL_AVERAGE_SKYMAP.FITS 22