

#558

NIMBUS 7
EARTH RADIATION BUDGET
SOLAR AND EARTH FLUX DATA TAPE
(ERB SEDFT)

Earth Sc

78-098A-07B

ESRB-00035

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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

REQ. AGENT

BFP
 BER
 CAR
 JFB

RAND NO.

V0048
 V0322
 V0357

ACQ. AGENT

RWF
 YPS
 CYN
 CYN

NIMBUS 7

ERB SEPDT

78-098A-07B

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THIS DATA SET CATALOG CONSISTS OF 163 MAGNETIC TAPES. 156 OF THESE TAPES ARE EARTH AND SOLAR DATA AND 7 OF THE TAPES ARE SOLAR DATA ONLY. THE TAPES ARE 9-TRACK, 1600 BPI, AND WERE CREATED ON AN IBM 3081 COMPUTER. THE FIRST 60 TAPES HAVE EITHER 5 OR 6 FILES PER TAPE AND THE LAST 44 TAPES HAVE 6 FILES PER TAPE; HEADER FILE, DATA FILE, CALIBRATION ADJUSTMENT TABLE FILE, CHANNEL 13 CALIBRATION ADJUSTMENT TABLE FILE, CHANNEL 15 CALIBRATION ADJUSTMENT FILE AND THE TRAILING DOCUMENTATION FILE. THE TAPES THAT HAVE 5 FILES DO NOT HAVE THE CHANNEL 15 CALIBRATION ADJUSTMENT TABLE FILE. FILES ONE AND SIX ARE WRITTEN IN EBCDIC AND FILES TWO THRU FIVE ARE BINARY. THE D AND C NUMBERS, ALONG WITH THE TIME SPANS ARE AS FOLLOWS:

<u>D#</u>	<u>CH</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-73714 **	C-25932	6	11/21/78 - 11/30/78 *missing
D-73715 *		6	12/01/78 - 12/31/78
D-73716 *		6	01/01/79 - 01/31/79
D-73717 *		6	02/01/79 - 02/28/79
D-73718 *	C-25933	6	03/01/79 - 03/31/79
D-73719 *		6	04/01/79 - 04/30/79
D-73720 **		6	05/01/79 - 05/31/79
D-73721 *		6	06/01/79 - 06/30/79
D-73722 **	C-25934	6	07/01/79 - 07/31/79
D-73723 *		6	08/01/79 - 08/31/79
D-73724 *		6	09/01/79 - 09/30/79
D-73725 **		6	10/01/79 - 10/31/79
D-73726 *	C-25935	6	11/01/79 - 11/30/79
D-73727 *		6	12/01/79 - 12/31/79
D-73728 *		6	01/01/80 - 01/31/80
D-73729 *		6	02/01/80 - 02/29/80
D-73730 *		6	03/01/80 - 03/31/80
D-73731 *	C-25936	6	04/01/80 - 04/30/80
D-73732 *		6	05/01/80 - 05/31/80
D-73733 **		6	06/01/80 - 06/30/80
D-73734 *		6	07/01/80 - 07/31/80
D-73735 *	C-25937	6	08/01/80 - 08/31/80
D-73736 *		6	09/01/80 - 09/30/80
D-73737 *		6	10/01/80 - 10/31/80

* THESE TAPES WERE REPLACED ON 04/03/89

** THESE TAPES WERE REPLACED ON 07/18/89

78-098A-07B

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-73738 *		5	11/01/80 - 11/30/80
D-73739 *	C-25938	5	12/01/80 - 12/31/80
D-73740 *		5	01/01/81 - 01/31/81
D-73741 *		5	02/01/81 - 02/28/81
D-73742 *		5	03/01/81 - 03/31/81
D-73743 *	C-25939	5	04/01/81 - 04/30/81
D-73744 *		5	05/01/81 - 05/30/81
D-73745 *		5	06/01/81 - 06/30/81
D-73746 *		5	07/01/81 - 07/31/81
D-73747 *	C-25940	5	08/01/81 - 08/31/81
D-73748		5	09/01/81 - 09/30/81
D-73749 *		5	10/01/81 - 10/31/81
D-64820	C-24404	5	11/01/81 - 11/30/81
D-64821	C-24405	5	12/01/81 - 12/31/81
D-64822	C-24406	5	01/01/82 - 01/31/82
D-64823	C-24407	5	02/01/82 - 02/28/82
D-65081	C-24547	5	03/01/82 - 03/31/82
D-65082	C-24548	5	04/01/82 - 04/30/82
D-64810	C-24394	5	05/01/82 - 05/31/82
D-65083	C-24549	5	06/01/82 - 06/30/82
D-65084	C-24550	5	07/01/82 - 07/31/82
D-65085	C-24451	5	08/01/82 - 08/31/82
D-65086	C-24552	5	09/01/82 - 09/30/82
D-65087	C-24553	5	10/01/82 - 10/31/82
D-64811	C-24395	5	11/01/82 - 11/30/82
D-64812	C-24396	5	12/01/82 - 12/31/82
D-64813	C-24397	5	01/01/83 - 01/31/83
D-64814	C-24398	5	02/01/83 - 02/28/83
D-64815	C-24399	5	03/01/83 - 03/31/83
D-65088	C-24554	5	04/01/83 - 04/30/83
D-64816	C-24400	5	05/21/83 - 05/31/83
D-64817	C-24401	5	06/02/83 - 06/30/83
D-64818	C-24402	5	07/01/83 - 07/31/83
D-65089	C-24555	5	08/01/83 - 08/31/83
D-65090	C-24556	5	09/01/83 - 09/30/83
D-64819	C-24403	5	10/01/83 - 10/31/83
D-72959	C-25634	6	11/01/83 - 11/30/83
D-72960	C-25635	6	12/01/83 - 12/31/83
D-72961	C-25636	6	01/01/84 - 01/31/84
D-72962	C-25637	6	02/01/84 - 02/29/84
D-72963	C-25638	6	03/01/84 - 03/31/84
D-72964	C-25639	6	04/01/84 - 04/30/84
D-72965	C-25640	6	05/01/84 - 05/31/84
D-72966	C-25641	6	06/01/84 - 06/30/84
D-72347	C-25451	6	07/01/84 - 07/31/84
D-72967	C-25642	6	08/01/84 - 08/31/84
D-72968	C-25643	6	09/01/84 - 09/30/84
D-72969	C-25644	6	10/01/84 - 10/31/84
D-73446	C-25866	6	11/01/84 - 11/30/84

*THESE TAPES WERE REPLACED ON 01/19/88

78-098A-07B

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-73447	C-25867	6	12/01/84 - 12/31/84
D-73448	C-25868	6	01/01/85 - 01/31/85
D-73449	C-25869	6	02/01/85 - 02/28/85
D-73450	C-25870	6	03/01/85 - 03/31/85
D-73451	C-25871	6	04/01/85 - 04/30/85
D-73469	C-25912	6	05/01/85 - 05/31/85
D-73470	C-25913	6	06/01/85 - 06/30/85
D-73891	C-25966	6	07/01/85 - 07/31/85
D-74106	C-26110	6	08/01/85 - 08/31/85
D-74107	C-26111	6	09/01/85 - 09/30/85
D-74108	C-26112	6	10/01/85 - 10/31/85
D-74109	C-26113	6	11/01/85 - 11/30/85
D-74110	C-26114	6	12/01/85 - 12/31/85
D-74299	C-26173	6	01/01/86 - 01/31/86
D-74300	C-26174	6	02/01/86 - 02/28/86
D-74926	C-26333	6	03/01/86 - 03/31/86
D-78685	C-26780	6	04/01/86 - 04/30/86
D-78016	C-26700	6	05/01/86 - 05/31/86
D-78686	C-26781	6	06/01/86 - 06/30/86
D-75227	C-26369	6	07/01/86 - 07/31/86
D-75495	C-26398	6	08/01/86 - 08/31/86
D-76161	C-26567	6	09/01/86 - 09/30/86
D-76162	C-26568	6	10/01/86 - 10/31/86
D-78954	C-26844	6	11/01/86 - 11/30/86
D-78955	C-26845	6	12/01/86 - 12/31/86
D-78956	C-26846	6	01/01/87 - 01/31/87
D-78957 **	C-26847	6	02/01/87 - 02/28/87
D-78958	C-26848	6	03/01/87 - 03/31/87
D-78959	C-26849	6	04/01/87 - 04/30/87
D-82264		6	04/01/87 - 04/30/87
D-79870	C-27368	6	05/01/87 - 05/31/87
D-82265		6	05/01/87 - 05/31/87
D-79871	C-27369	6	06/01/87 - 06/30/87
D-82268		6	06/01/87 - 06/30/87
D-79872	C-27370	6	07/01/87 - 07/31/87
D-82267		6	07/01/87 - 07/31/87
D-79873	C-27371	6	08/01/87 - 08/31/87
D-82266		6	08/01/87 - 08/31/87
D-79662	C-27191	6	09/01/87 - 09/30/87
D-79663	C-27192	6	10/01/87 - 10/31/87
D-79820	C-27335	6	11/01/87 - 11/30/87
D-79821	C-27336	6	12/01/87 - 12/31/87
D-79822	C-27337	6	01/01/88 - 01/31/88
D-79823	C-27338	6	02/01/88 - 02/29/88
D-79824	C-27339	6	03/01/88 - 03/31/88
D-79825	C-27340	6	04/01/88 - 04/30/88
D-79826	C-27341	6	05/01/88 - 05/31/88
D-79827	C-27342	6	06/01/88 - 06/30/88
D-79828	C-27343	6	07/01/88 - 07/31/88
D-79829	C-27344	6	08/01/88 - 08/31/88

** THIS TAPE WAS REPLACED ON 07/18/89

<u>DI#</u>	<u>CH</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-79830	C-27345	6	09/01/88 - 09/30/88
D-79831	C-27346	6	10/01/88 - 10/31/88
D-79864	C-27193	6	11/01/88 - 11/30/88
D-79865	C-27194	6	12/01/88 - 12/31/88
D-79866	C-27195	6	01/01/89 - 01/31/89
D-79867	C-27196	6	02/01/89 - 02/28/89
D-79868	C-27197	6	03/01/89 - 03/31/89
D-79869	C-27198	6	04/01/89 - 04/30/89
D-79832	C-27347	6	05/01/89 - 05/31/89
D-79833	C-27348	6	06/01/89 - 06/30/89
D-79874	C-27372	6	07/01/89 - 07/31/89
D-80116	C-27541	6	08/01/89 - 08/31/89
D-80115	C-27540	6	09/01/89 - 09/30/89
D-80114	C-27539	6	10/01/89 - 10/31/89
D-80117	C-27542	6	11/01/89 - 11/30/89
D-80333	C-27665	6	12/01/89 - 12/31/89
D-85862		6	02/01/90 - 02/28/90
D-84075		6	08/01/90 - 08/31/90
D-84076		6	09/01/90 - 09/30/90
D-84077		6	10/01/90 - 10/31/90
D-84078		6	11/01/90 - 11/30/90
D-84147		6	12/01/90 - 12/31/90
D-84148		6	01/01/91 - 01/31/91
D-84079		6	02/01/91 - 02/28/91
D-84504		6	04/01/91 - 04/30/91
D-86640		6	05/01/91 - 05/31/91
D-86641		6	06/01/91 - 06/30/91
D-86642		6	07/01/91 - 07/31/91
D-86643		6	08/01/91 - 08/31/91
D-86644		6	09/01/91 - 09/30/91
D-86645		6	10/01/91 - 10/31/91
D-86646		6	11/01/91 - 11/30/91
D-86647		6	12/01/91 - 12/31/91
D-86648		6	01/01/92 - 01/31/92
D-86649		6	02/01/92 - 02/29/92
D-87222		6	03/02/92 - 03/31/92
D-87223		6	04/02/92 - 04/30/92
D-87224		6	05/02/92 - 05/30/92
D-87225		6	06/02/92 - 06/30/92
D-88184		6	07/01/92 - 07/31/92
D-87226		6	08/02/92 - 08/31/92
D-87227		6	09/02/92 - 09/30/92
D-88185		6	11/01/92 - 11/30/92
D-92422		6	12/01/92 - 12/31/92
D-92423		6	01/01/93 - 01/31/93

D 82267
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 1/31/90
 D 82268
 3/1/90-
 3/31/90
 D 82268
 4/1/90-
 4/30/90
 D 82268
 5/1/90-5/31/90
 D 82268
 7/1/90-7/31/90

D 107627
 D 107632

11/1/93 - 11/30/93
 12/1/93 - 12/31/93

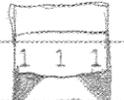
ERB SEFDT 78-098A-07B

THE FOLLOWING 7 TAPES ARE SEFDT SHORT DATA ONLY.

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-78687	C-26782	6	04/01/86 - 04/09/86
D-78726	C-26816	6	06/24/86 - 06/30/86
D-80536	C27781	6	04/01/87 - 04/30/87
D-79498	C-27175	6	05/01/87 - 05/31/87
D-79499	C-27176	6	06/01/87 - 06/30/87
D-79500	C-27177	6	07/01/87 - 07/31/87
D-79501	C-27178	6	08/01/87 - 08/31/87

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\$ASS IN T60
\$NOP
\$NOP
\$NOP
\$NOP ***** SIN56 *****
\$EXEC TPLIST ES



INPUT PARAMETERS ARE: ED SR=1=2 1 1 1

TAPE NO. 1 FILE NO. 1
RECORD 1 LENGTH 630

*NIMBUS-7 NOPS SPEC NO T134021 SQ NO AD33051A3 ERB IPD TO 28 START 1983 305 000000 TO 1983 334
235959 GEN 1986 034 123146 *NIMBUS-7 NOPS SPEC NO T134021 SQ NO AD33051A2 ERB SACC TO IPD START 1
983 305 000000 TO 1983 334 235959 GEN 1985 129 015225 SFDTMERG VERH03B 04/08/83 VERSION 2 .
C ALGORITHM ID: 309PCAL SET NO: 1290 SEFDTFIX 5105 SUN BLIP CLIPPING CORRECTIONS ARE APPLIED TO
EARTH FLUX DATA WHEN SOLAR ZENITH ANGLE IS 99 TO 122 DEG

TAPE NO. 1 FILE NO. 1
RECORD 2 LENGTH 630

*NIMBUS-7 NOPS SPEC NO T134021 SQ NO AD33051A3 ERB IPD TO 28 START 1983 305 000000 TO 1983 334
235959 GEN 1986 034 123146 *NIMBUS-7 NOPS SPEC NO T134021 SQ NO AD33051A2 ERB SACC TO IPD START 1
983 305 000000 TO 1983 334 235959 GEN 1985 129 015225 SFDTMERG VERH03B 04/08/83 VERSION 2 .
C ALGORITHM ID: 309PCAL SET NO: 1290 SEFDTFIX 5105 SUN BLIP CLIPPING CORRECTIONS ARE APPLIED TO
EARTH FLUX DATA WHEN SOLAR ZENITH ANGLE IS 99 TO 122 DEG

***** JOB DONE.
\$WEO LPS

ETB SEFDT

78-078A-01B

D-72959

C-25634

11/01/83 * 11/30/83

6F