

NIMBUS 7

SAM II RDAT

78-098A-06A

ESAD-00034

518

Earth Science

Table of Contents

1. Introduction
2. Errata/Change Log
3. LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM
4. Catalog Materials
 - a. Associated Documents
 - b. Core Catalog Materials

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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.AGENTBER
BER
BERRAND NO.V0048
V0184
V0252ACQ.AGENTRWP
YPS
CYNNIMBUS 7SAM II RDAT78-098A-06AESAD-00034

THIS DATA SET CATALOG CONSISTS OF 84 SAM II RADIANCE DATA ARCHIVE TAPES (RDAT). THESE TAPES ARE 9-TRACK, 1600 BPI, CREATED ON A CDC 6600 COMPUTER. EACH TAPE HAS AN EBCDIC HEADER FILE, FOLLOWED BY MULTIPLE BINARY DATA FILES. DOCUMENTATION FOR THIS DATA SET CAN BE FOUND IN ROOM 123, IN THE FILING CABINET. THE D AND C NUMBERS, ALONG WITH THE TIME SPANS ARE AS FOLLOWS:

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-45267	C-21980	31	11/01/78 - 11/20/78
D-45268	C-21981	32	12/01/78 - 12/31/78
D-45269	C-21982	32	01/01/79 - 01/31/79
D-45270	C-21983	29	02/01/79 - 02/28/79
D-45271	C-21984	32	03/01/79 - 03/31/79
D-45272	C-21985	31	04/01/79 - 04/30/79
D-45273	C-21986	32	05/01/79 - 05/31/79
D-45274	C-21987	31	06/01/79 - 06/30/79
D-45275	C-21988	32	07/01/79 - 07/31/79
D-45276	C-21989	32	08/01/79 - 08/31/79
D-47116	C-21991	32	09/01/79 - 09/30/79
D-45277	C-21990	32	10/01/79 - 10/31/79
D-58749	C-23186	31	11/01/79 - 11/30/79
D-48947	C-22455	33	12/01/79 - 12/31/79
D-46751	C-21840	32	01/01/80 - 01/31/80
D-46752	C-21841	30	02/01/80 - 02/29/80
D-46753	C-21842	32	03/01/80 - 03/31/80
D-46754	C-21843	31	04/01/80 - 04/30/80
D-47117	C-21991	32	05/01/80 - 05/31/80
D-58750	C-23187	31	06/01/80 - 06/30/80
D-58751	C-23188	32	07/01/80 - 07/31/80
D-58752	C-23189	32	08/01/80 - 08/31/80
D-58753	C-23190	31	09/01/80 - 09/30/80
D-58754	C-23191	32	10/01/80 - 10/31/80
D-47118	C-21993	31	11/01/80 - 12/01/80
D-47119	C-21994	32	12/01/80 - 12/31/80
D-47120	C-21995	31	01/01/81 - 02/01/81
D-48501	C-22410	29	02/01/81 - 03/01/81
D-47121	C-21996	32	03/01/81 - 04/01/81
D-47122	C-21997	31	04/01/81 - 05/01/81

78-098A-06A

D#	C#	FILES	TIME	SPAN
D-47123	C-21998	32	05/01/81	- 06/01/81
D-47124	C-21999	31	06/01/81	- 07/01/81
D-47125	C-22200	32	07/01/81	- 07/31/81
D-46910	C-21957	31	08/01/81	- 09/01/81
D-46911	C-21958	32	09/01/81	- 09/30/81
D-48021	C-22221	32	10/01/81	- 11/01/81
D-59943	C-23580	32	11/01/81	- 11/30/81
D-59944	C-23581	33	12/01/81	- 12/31/81
D-59945	C-23582	33	01/01/82	- 01/31/82
D-59946	C-23583	30	02/01/82	- 02/28/82
D-59947	C-23584	33	03/01/82	- 04/01/82
D-59948	C-23585	32	04/01/82	- 04/30/82
D-59949	C-23586	33	05/01/82	- 06/01/82
D-60462	C-23659	32	06/01/82	- 07/01/82
D-59950	C-23587	33	07/01/82	- 08/01/82
D-59951	C-23588	33	08/01/82	- 09/01/82
D-59952	C-23589	32	09/01/82	- 09/30/82
D-59953	C-23590	33	10/01/82	- 11/01/82
D-64683	C-24369	32	11/01/82	- 12/01/82
D-65145	C-24565	33	12/01/82	- 01/01/83
D-64684	C-24370	33	01/01/83	- 02/01/83
D-64685	C-24371	30	02/01/83	- 03/01/83
D-64686	C-24372	33	03/01/83	- 04/01/83
D-64687	C-24373	32	04/01/83	- 05/01/83
D-64688	C-24374	33	05/01/83	- 05/31/83
D-64689	C-24375	32	06/01/83	- 07/01/83
D-64690	C-24376	33	07/01/83	- 07/31/83
D-64691	C-24377	33	08/01/83	- 09/01/83
D-64280	C-24234	32	09/01/83	- 10/01/83
D-64692	C-24378	33	10/01/83	- 10/31/83
D-72768	C-25530	32	11/01/83	- 12/01/83
D-72769	C-25531	33	12/01/83	- 01/01/84
D-72770	C-25532	33	01/01/84	- 02/01/84
D-72771	C-25533	31	02/01/84	- 03/01/84
D-72772	C-25534	33	03/01/84	- 03/31/84
D-72773	C-25535	32	04/01/84	- 05/01/84
D-72774	C-25536	33	05/01/84	- 06/01/84
D-72775	C-25537	32	06/01/84	- 06/30/84
D-72776	C-25538	33	07/01/84	- 08/01/84
D-72777	C-25539	33	08/01/84	- 08/31/84
D-72778	C-25540	32	09/01/84	- 10/01/84
D-72779	C-25541	33	10/01/84	- 11/01/84
D-73606		32	11/01/84	- 11/30/84
D-73607		33	12/01/84	- 01/01/85
D-73608	C-25926	33	01/01/85	- 02/01/85
D-73609		30	02/01/85	- 03/01/85
D-73610		33	03/01/85	- 04/01/85
D-73611		32	04/01/85	- 05/01/85
D-73612		33	05/01/85	- 05/31/85
D-73613		32	06/01/85	- 07/01/85

78-098A-06A

D#	C#	FILES	TIME SPAN
D-73614	C-25927	33	07/01/85 - 08/01/85
D-73615		33	08/01/85 - 09/01/85
D-73616		32	09/01/85 - 10/01/85
D-73617		33	10/01/85 - 10/31/85

B R I E F D E S C R I P T I O N
Radiance Data Archive Tape (RDAT)
78-098A-06A

This set of radiance data was generated by LaRC in an IBM representation on magnetic tape. It contains earth-located IR radiance measured at 1 micrometer for each spacecraft sunrise and sunset as a function of time. Measurements are obtained only in regions between 64 and 80 deg in both hemispheres. There are 12 RDAT tapes per year.

M A T E R I A L S F O R D I S T R I B U T I O N
78-098A-06A
Radiance Data Archive Tape (RDAT)

NOPs tape specification T454041 (7/81) B42453-000A
SAM II Data User's Guide, NASA RP 1200 (7/88) B38533-000A

A C K N O W L E D G E M E N T S

When using the data in any reports, publications, or presentations, please acknowledge the National Space Science Data Center and the following individuals or groups:

78-098A-06A

Dr. M. Patrick McCormick And Mr. George Maddrea, Nasa/Langley Research Center, Members Of The Sam Ii Nimbus Experiment And Information Processing
ams

\$JOB 10:01:41
\$ASS IN T01
\$NOP ** LIST OF JOBS ****
\$EXE TPLIST \$S

INPUT PARAMETERS ARE: ED AL 1

TAPE NO. 1 FILE NO. 1
RECORD 1 LENGTH 630
*NIMBUS-7 WORDS SPEC NO I484041 SQ NO DC10044-2 SAM2 LARC TO IPD START 1982 121 000534 TO 1982 152
002637 GEN 1983 118 184522

TAPE NO. 1 FILE NO. 1
RECORD 2 LENGTH 630
*NIMBUS-7 WORDS SPEC NO I484041 SQ NO DC10044-2 SAM2 LARC TO IPD START 1982 121 000534 TO 1982 152
002637 GEN 1983 118 184522

***** JOB DONE.
\$EXE TPUJMP 65

NIMBUS 7
SAM II RDAT
D-59949,C-23586
5/01/82-6/01/82

```

INPUT TAPE 001 ON T01
DATA INPUT 15 OF 32 SP 2 1 1 CR 32 HP CR 32 LAST 1

```

FILE	INPLT	DATA RECORDS	MAX.	HEAD ERROR	SUMMARY	INPUT	RETRIES
	RECS.	INPUT	SIZE	RECM	ZERO B	SHORT	UNDEF.
						#RECS.	TOTAL
1	0	0	0	0	0	0	0

END OF TAPE - 0 - END

THOU LEFT ME IN THE DARK

DATA INPUT NO NF F3 CR A C J

(12040)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12080)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12120)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12160)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12200)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12240)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12280)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12320)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12360)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12400)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12440)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12480)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12520)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12560)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12600)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12640)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12680)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12720)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12760)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12800)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12840)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12880)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12920)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(12960)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13000)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13040)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13080)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13120)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13160)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13200)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13240)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13280)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13320)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13360)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13400)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13440)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13480)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13520)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13560)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13600)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(13640)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000DA3

FILE	12	RECORD	56	LENGTH	13680BYTES						
(0)	0380F800	0780C000	01004708	020017A8	650018A2	2F00062E	00003900	0E690030	04004005	00600700	
(40)	00140570	F114318B	1061471F	020020B2	1521E22E	22023223	82302422	4724B24F	2532E725	B25E2612	
(80)	042862E6	26326F17	12707753	7827627D	27F28128	22832842	8628828A	28C28C28	E2902912	91293294	
(120)	05419427	02942992	98498298	29829929	A29F2982	9C29C29C	29C29C29	C29C29C2	9C29C29E	29D29D29	
(160)	029F29C8	9C09C29A	29302919	92992982	67297295	29529429	42932922	9129028E	28C28A2E	928E2852	
(200)	08242282	2A007C27	62798772	75274273	27026326	92662642	6025C258	25425C24	C2482442	3F23A235	
(240)	08F01280	121A2112	071FA170	1001081A	413A0960	2900E009	007005C0	40030040	C3002002	00200200	
(280)	00010010	01001001	00100110	10010020	02003003	00400500	800706F1	5F1C11E2	1FA20C21	82272322	
(320)	04243244	29106925	02042492	6F273275	27827427	F2822842	87285220	28F29129	32942962	97297299	
(360)	09419929	829C2932	9C49529D	29C29C29	C29C29C2	9429A299	29829829	72952942	93291290	28D28B28	
(400)	02882832	8127E074	27727236	E2682C62	6125C256	14F24824	123922F2	24217207	1F510C1E	00FA0230	
(440)	0A016C04	00300303	20121010	01001001	00100000	00000000	00000000	00000000	00000000	01001000	
(480)	07070107	10010010	01001001	00200200	20020030	03004005	00500700	AC1003A0	C61671B3	1D01E41F	
(520)	01F12090	13210213	22483003	623C2402	4524924C	25125625	925025F2	62266269	26C26E27	02722752	
(560)	0707A270	07E18408	0281284C	85287289	28828C88	E29D2912	91292294	29429429	529E2972	9A298298	
(600)	05829929	4294C962	0C19C21C	39C29C39	C29C29C2	9C29C29E	29D29C29	029C29C2	9829A295	29929929	
(640)	05492978	0729727E	29429429	32922912	9128F28C	28428928	82852842	83282281	27E27C27	A2782762	
(680)	0517A271	06F3A020	82471072	5F20F257	25324F24	02472422	3D239233	22D22621	F21720F2	041F61EA	
(720)	10910419	010000F1	1A70C88A	0060C800	40040040	03002002	0020C200	10010010	01001001	00100100	
(760)	10010020	02003004	00400600	9C190C51	A31071F2	20021622	322F2372	3F24824C	25525826	226626C2	
(800)	06275277	278C7138	22832872	8925428F	29129329	42962972	97299299	29A29829	C29C29C2	9E29C29C	

