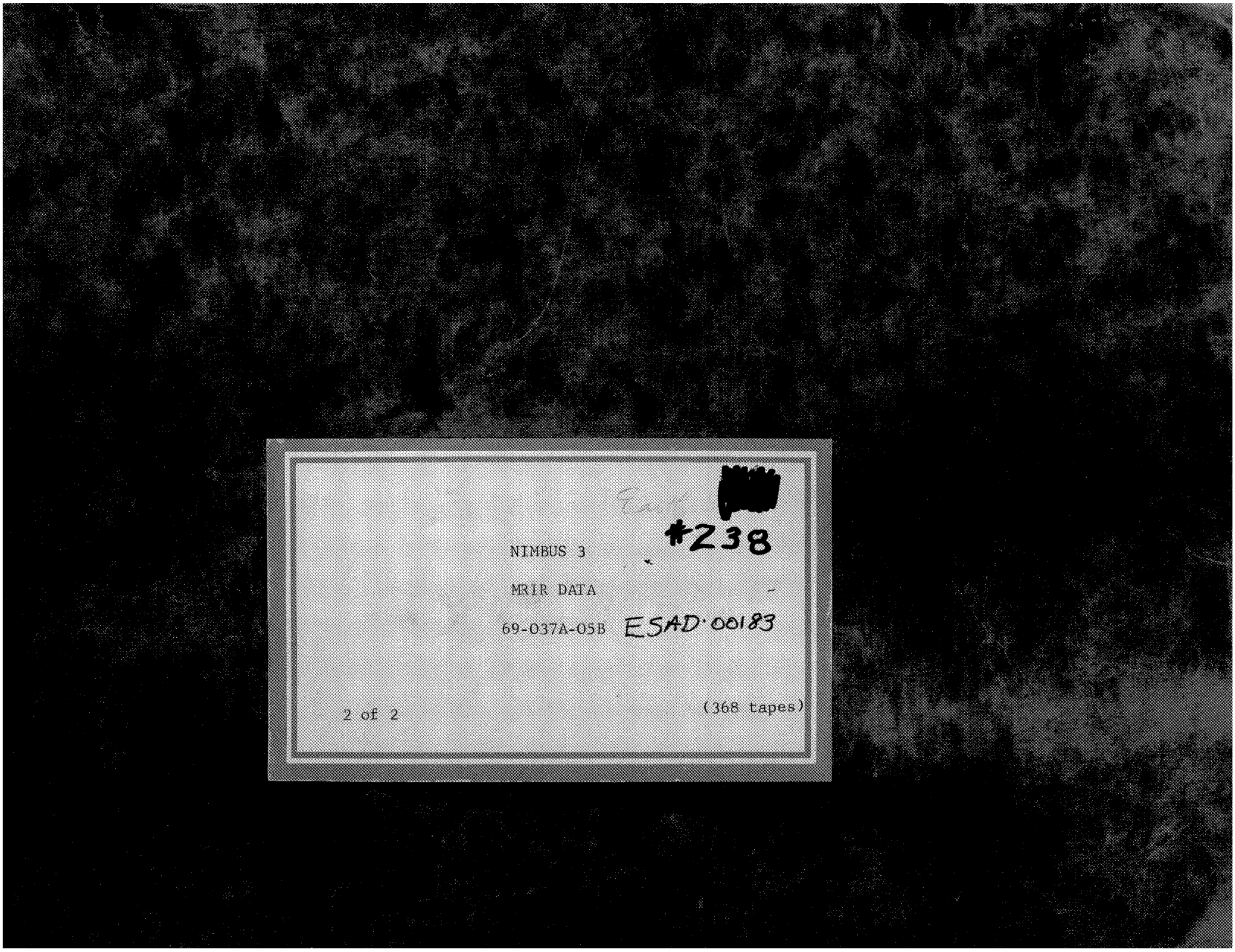
#238
NIMBUS 3
MRIR DATA
69-037A-05B ESAD-00183
2 of 2
(368 tapes)

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

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

NIMBUS 3

MRIR

69-037A-05B

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 368 7-TRACK, 800 BPI TAPES, WRITTEN IN IBM 360 FORMAT. EACH 7-TRACK TAPE HAD A BCD HEADER FILE. IN CONVERTING TO 9-TRACK, THE DATA WERE PACKED, MEANING THAT FOUR 6-BIT BYTES WERE READ FROM THE INPUT AND WRITTEN TO THE OUTPUT AS THREE 8-BIT BYTES. THERE ARE TWENTY RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02956	DS02956	D-12332	L-6200	1-2	08/18/69-08/18/69
		D-12333	L-6201	3-7	01/23/70-01/24/70
		D-12334	L-6202	8-13	07/28/69-07/28/69
		D-12335	L-6203	14-23	07/28/69-07/29/69
		D-12336	L-6204	24-34	07/29/69-07/30/69
		D-12338	L-6206	35-40	06/14/69-06/15/69
		D-12339	L-6207	41-48	07/31/69-07/31/69
		D-12340	L-6208	49-56	07/24/69-07/25/69
		D-12341	L-6209	57-60	01/15/70-01/17/70
		D-12342	L-6210	61-69	01/24/70-01/25/70
		D-12343	L-6211	70-78	01/25/70-01/25/70

DR#	DS#	D#	L#	FILES	TIME SPAN
DR03130	DS03130	D-12347	L-6215	1-11	09/25/69-09/26/69
		D-12348	L-6216	12-21	05/12/69-05/12/69
		D-12349	L-6217	22-24	08/15/69-08/15/69
		D-12350	L-6218	25-26	06/06/69-06/06/69
		D-12351	L-6219	27-33	11/28/69-11/30/69
		D-12352	L-6221	34-35	07/22/69-07/22/69
		D-12358	L-6227	36-38	08/27/69-08/27/69
		D-12360	L-6229	39-47	04/17/69-04/18/69
		D-12361	L-6230	48-51	01/23/70-01/23/70
		D-12364	L-6233	52-61	11/09/69-11/12/69
		D-12366	L-6235	62-70	05/03/69-05/03/69
		D-12370	L-6239	71-79	07/31/69-08/01/69
		D-12383	L-6252	80-88	04/16/69-04/16/69
		D-12384	L-6253	89-99	10/31/69-10/31/69
		D-12385	L-6254	100-108	04/16/69-04/17/69
		D-12386	L-6255	109-110	10/09/69-10/09/69
		D-12387	L-6256	111-112	06/11/69-06/11/69
		D-12415	L-6284	113-118	10/05/69-10/05/69
		D-12416	L-6285	119-120	10/06/69-10/06/69
		D-12418	L-6287	121-126	07/27/69-07/28/69
		D-12419	L-6288	127-129	07/28/69-07/28/69
		D-12420	L-6289	130-139	05/27/69-05/27/69
		D-12421	L-6290	140-149	10/26/69-10/27/69
		D-12422	L-6291	150-163	10/27/69-10/28/69
		D-12423	L-6292	164-167	08/15/69-08/15/69
		D-12424	L-6293	168-176	04/18/69-04/19/69
		D-12425	L-6294	177-180	04/22/69-04/22/69
		D-12426	L-6295	181-189	08/01/69-08/01/69
		D-12427	L-6296	190-198	04/27/69-04/27/69
		D-12428	L-6297	199-207	08/01/69-08/02/69
		D-12429	L-6298	208-216	08/02/69-08/03/69
DR03131	DS03131	D-12430	L-6299	1-6	08/03/69-08/03/69
		D-12431	L-6300	7-10	08/03/69-08/04/69
		D-12432	L-6301	11-19	08/04/69-08/05/69
		D-12433	L-6302	20-28	08/05/69-08/05/69
		D-12434	L-6303	29-37	04/27/69-04/28/69
		D-12435	L-6304	38-47	08/06/69-08/07/69
		D-12436	L-6305	48-57	08/07/69-08/07/69
		D-12443	L-6312	58-59	06/23/69-06/23/69
		D-12463	L-6332	60-72	11/02/69-11/04/69
		D-12464	L-6333	73-81	01/21/70-01/21/70
		D-12471	L-6340	82-91	08/28/69-08/30/69
		D-12472	L-6341	92-98	08/30/69-08/31/69
		D-12481	L-6350	99-107	04/29/69-05/02/69
		D-12612	L-6351	108-117	10/06/69-10/07/69
		D-12652	L-6691	118-119	05/28/69-05/28/69
		D-12658	L-6697	120-128	09/15/69-09/16/69
		D-12680	L-6721	129-133	09/30/69-09/30/69
		D-12687	L-6734	134-142	04/29/69-04/29/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02955	DS02955	D-12353	L-6222	1-9	05/10/69-05/11/69
		D-12354	L-6223	10-15	11/12/69-11/13/69
		D-12355	L-6224	16-18	07/14/69-07/15/69
		D-12356	L-6225	19-32	11/01/69-11/02/69
		D-12357	L-6226	33-35	08/27/69-08/27/69
		D-12359	L-6228	36-41	06/14/69-06/14/69
		D-12363	L-6232	42-45	07/21/69-07/25/69
		D-12365	L-6234	46-57	05/22/69-05/22/69
		D-12367	L-6236	58-65	01/28/70-01/29/70
		D-12368	L-6237	66-68	11/14/69-11/14/69
		D-12369	L-6238	69-73	08/14/69-08/14/69
		D-12371	L-6240	74-81	04/26/69-04/27/69
		D-12372	L-6241	82-85	08/17/69-08/17/69
		D-12373	L-6242	86-90	08/17/69-08/17/69
		D-12374	L-6243	91-99	07/12/69-07/12/69
		D-12375	L-6244	100-102	07/09/69-07/09/69
		D-12376	L-6245	103-114	08/19/69-08/19/69
		D-12377	L-6246	115-123	08/18/69-08/19/69
		D-12379	L-6248	124-143	06/17/69-06/17/69
		D-12380	L-6249	144-152	08/17/69-08/18/69
		D-12381	L-6250	153-154	08/18/69-08/18/69
		D-12382	L-6251	155-160	08/15/69-08/15/69
DR02964	DS02964	D-12388	L-6257	1-9	04/20/69-04/21/69
		D-12389	L-6258	10-23	06/16/69-06/18/69
		D-12390	L-6259	24-27	08/15/69-08/15/69
		D-12391	L-6260	28-35	10/12/69-10/13/69
		D-12392	L-6261	36-38	10/12/69-10/13/69
		D-12393	L-6262	39-45	07/10/69-07/11/69
		D-12394	L-6263	46-49	10/15/69-10/15/69
		D-12395	L-6264	50-58	10/12/69-10/12/69
		D-12396	L-6265	59-67	07/18/69-07/20/69
		D-12397	L-6266	68-73	08/27/69-08/27/69
		D-12398	L-6267	74-84	10/19/69-10/20/69
		D-12399	L-6268	85-100	01/29/70-01/29/70
		D-12400	L-6269	101-112	10/21/69-10/24/69
		D-12401	L-6270	113-124	08/19/69-08/20/69
		D-12402	L-6271	125-134	07/12/69-07/13/69
		D-12403	L-6272	135-138	09/27/69-09/27/69
		D-12404	L-6273	139-147	04/21/69-04/21/69
		D-12405	L-6274	148-152	04/21/69-04/22/69
		D-12406	L-6275	153-161	04/22/69-04/23/69
		D-12407	L-6276	162-163	02/03/70-02/03/70
		D-12408	L-6277	164-171	10/02/69-10/03/69
		D-12409	L-6278	172-181	05/13/69-05/13/69
		D-12410	L-6279	182-190	10/03/69-10/04/69
		D-12411	L-6280	191-195	06/08/69-06/08/69
		D-12412	L-6281	196-199	08/26/69-08/26/69
		D-12413	L-6282	200-210	08/16/69-08/17/69
		D-12414	L-6283	211-214	10/04/69-10/05/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02965	DS02965	D-12437	L-6306	1-9	08/08/69-08/08/69
		D-12438	L-6307	10-18	08/09/69-08/09/69
		D-12439	L-6308	19-27	04/26/69-04/26/69
		D-12440	L-6309	28-36	08/09/69-08/10/69
		D-12441	L-6310	37-38	07/02/69-07/02/69
		D-12442	L-6311	39-47	08/10/69-08/11/69
		D-12444	L-6313	48-56	08/12/69-08/12/69
		D-12445	L-6314	57-63	10/06/69-10/06/69
		D-12446	L-6315	64-72	08/12/69-08/12/69
		D-12447	L-6316	73-78	04/28/69-04/28/69
		D-12448	L-6317	79-83	08/27/69-08/28/69
		D-12449	L-6318	84-89	10/07/69-10/08/69
		D-12450	L-6319	90-100	08/08/69-08/09/69
		D-12451	L-6320	101-115	08/10/69-08/13/69
		D-12452	L-6321	116-124	08/13/69-08/14/69
		D-12453	L-6322	125-134	08/14/69-08/14/69
		D-12454	L-6323	135-142	02/01/70-02/01/70
		D-12455	L-6324	143-147	08/10/69-08/10/69
		D-12456	L-6325	148-149	08/17/69-08/17/69
		D-12457	L-6326	150-159	09/16/69-09/17/69
		D-12458	L-6327	160-162	10/01/69-10/02/69
		D-12459	L-6328	163-173	10/22/69-10/23/69
DR02958	DS02958	D-12460	L-6329	1-3	09/28/69-09/28/69
		D-12461	L-6330	4-8	08/26/69-08/26/69
		D-12462	L-6331	9-10	01/20/70-01/21/70
		D-12465	L-6334	11-19	01/21/70-01/22/70
		D-12466	L-6335	20-21	01/21/70-01/21/70
		D-12467	L-6336	22-25	01/22/70-01/22/70
		D-12468	L-6337	26-31	06/16/69-08/16/69
		D-12469	L-6338	32-46	11/05/69-11/06/69
		D-12470	L-6339	47-56	01/30/70-01/31/70
		D-12473	L-6342	57-60	09/01/69-09/01/69
		D-12474	L-6343	61-71	09/01/69-09/02/69
		D-12475	L-6344	72-75	09/03/69-09/03/69
		D-12476	L-6345	76-85	09/04/69-09/05/69
		D-12477	L-6346	86-96	09/06/69-09/07/69
		D-12478	L-6347	97-108	09/07/69-09/09/69
		D-12479	L-6348	109-117	09/09/69-09/09/69
		D-12480	L-6349	118-124	09/09/69-09/10/69
		D-12613	L-6352	125-126	09/03/69-09/03/69
		D-12614	L-6353	127-133	07/15/69-07/16/69
		D-12624	L-6363	134-142	05/04/69-05/05/69
		D-12625	L-6364	143-145	06/12/69-06/12/69
		D-12626	L-6365	146-148	05/22/69-05/22/69
		D-12627	L-6666	149-150	05/15/69-05/15/69
		D-12628	L-6667	151-164	10/16/69-10/17/69
		D-12629	L-6668	165-168	05/07/69-05/07/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02960	DS02960	D-12615	L-6354	1-8	05/31/69-05/31/69
		D-12616	L-6355	9-14	01/08/70-01/14/70
		D-12617	L-6356	15-23	05/31/69-06/01/69
		D-12618	L-6357	24-32	05/13/69-05/14/69
		D-12619	L-6358	33-40	05/18/69-05/18/69
		D-12620	L-6359	41-50	01/23/70-01/24/70
		D-12621	L-6360	51-59	04/25/69-04/26/69
		D-12622	L-6361	60-68	05/01/69-05/01/69
		D-12623	L-6362	69-75	06/12/69-06/12/69
		D-12672	L-6711	76-79	08/18/69-08/18/69
		D-12674	L-6713	80-90	09/26/69-09/27/69
		D-12675	L-6714	91-95	08/13/69-08/13/69
		D-12676	L-6715	96-97	06/14/69-06/14/69
		D-12677	L-6717	98-106	09/27/69-09/28/69
		D-12678	L-6718	107-113	09/30/69-09/30/69
		D-12679	L-6719	114-115	07/15/69-07/15/69
		D-12681	L-6723	116-121	10/08/69-10/09/69
		D-12682	L-6726	122-134	10/30/69-10/31/69
		D-12683	L-6729	135-138	10/08/69-10/08/69
		D-12684	L-6730	139-143	10/08/69-10/08/69
		D-12685	L-6731	144-148	10/09/69-10/09/69
		D-12686	L-6733	149-152	04/29/69-04/29/69
		D-12688	L-6735	153-161	04/30/69-05/01/69
		D-12689	L-6737	162-173	05/01/69-05/02/69
		D-12690	L-6739	174-182	05/02/69-05/03/69
		D-12691	L-6742	183-191	05/03/69-05/04/69
DR02954	DS02954	D-12692	L-6745	1-9	05/05/69-05/06/69
		D-12693	L-6746	10-18	05/06/69-05/07/69
		D-12694	L-6748	19-26	05/07/69-05/07/69
		D-12695	L-6749	27-34	05/07/69-05/08/69
		D-12696	L-6750	35-42	05/08/69-05/08/69
		D-12697	L-6751	43-52	05/08/69-05/09/69
		D-12698	L-6753	53-61	05/09/69-05/10/69
		D-12699	L-6754	62-70	05/15/69-05/15/69
		D-12700	L-6755	71-80	05/16/69-05/16/69
DR02963	DS02963	D-12630	L-6669	1-2	10/01/69-10/01/69
		D-12631	L-6670	3-12	05/16/69-05/17/69
		D-12632	L-6671	13-23	09/17/69-09/18/69
		D-12633	L-6672	24-31	02/01/70-02/02/70
		D-12634	L-6673	32-41	09/18/69-09/19/69
		D-12637	L-6676	42-46	02/02/70-02/02/70
		D-12638	L-6677	47-56	09/20/69-09/20/69
		D-12639	L-6678	57-66	09/21/69-09/21/69
		D-12640	L-6679	67-76	09/22/69-09/22/69
		D-12641	L-6680	77-78	09/23/69-09/23/69
		D-12642	L-6681	79-88	09/23/69-09/23/69
		D-12643	L-6682	89-98	09/24/69-09/24/69
		D-12644	L-6683	99-106	05/14/69-05/15/69
		D-12645	L-6684	107-110	09/10/69-09/10/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02961	DS02961	D-12647	L-6686	1-7	02/03/70-02/03/70
		D-12648	L-6687	8-16	09/11/69-09/11/69
		D-12649	L-6688	17-22	02/03/70-02/04/70
		D-12650	L-6689	23-31	09/12/69-09/12/69
		D-12651	L-6690	32-40	09/12/69-09/13/69
		D-12653	L-6692	41-52	09/13/69-09/13/69
		D-12654	L-6693	53-63	09/13/69-09/14/69
		D-12655	L-6694	64-73	09/14/69-09/15/69
		D-12656	L-6695	74-77	09/15/69-09/15/69
		D-12659	L-6698	78-88	09/17/69-09/17/69
		D-12660	L-6699	89-93	09/18/69-09/18/69
		D-12661	L-6700	94-95	06/01/69-06/02/69
		D-12662	L-6701	96-99	10/09/69-10/09/69
		D-12663	L-6702	100-107	10/09/69-10/10/69
		D-12664	L-6703	108-116	07/24/69-07/24/69
		D-12665	L-6704	117-130	10/29/69-10/30/69
		D-12667	L-6706	131-140	10/10/69-10/11/69
		D-12668	L-6707	141-150	10/13/69-10/14/69
		D-12669	L-6708	151-156	10/14/69-10/15/69
		D-12670	L-6709	157-166	10/25/69-10/26/69
		D-12671	L-6710	167-176	09/24/69-09/25/69
DR02959	DS02959	D-12702	L-6757	1-9	05/18/69-05/19/69
		D-12703	L-6758	10-18	05/19/69-05/20/69
		D-12704	L-6759	19-27	05/20/69-05/20/69
		D-12705	L-6761	28-36	05/20/69-05/21/69
		D-12706	L-6762	37-46	05/21/69-05/22/69
		D-12707	L-6763	47-55	05/22/69-05/24/69
		D-12708	L-6766	56-88	05/24/69-05/24/69
		D-12709	L-6767	89-100	05/24/69-05/25/69
		D-12710	L-6768	101-141	05/25/69-05/28/69
		D-12711	L-6770	142-152	05/29/69-05/29/69
		D-12712	L-6771	153-167	05/27/69-05/28/69
		D-12713	L-6773	168-180	05/28/69-05/29/69
		D-12714	L-6775	181-189	05/29/69-05/29/69
		D-12715	L-6777	190-195	05/30/69-05/30/69
		D-12716	L-6778	196-199	05/30/69-05/30/69
		D-12717	L-6779	200-208	06/01/69-06/01/69
		D-12718	L-6780	209-210	10/03/69-10/03/69
		D-12719	L-6781	211-228	06/01/69-06/02/69
		D-12720	L-6783	229-238	06/03/69-06/04/69
		D-12721	L-6784	239-248	06/03/69-06/03/69
		D-12722	L-6785	249-258	06/03/69-06/04/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02966	DS02966	D-12723	L-6799	1-8	10/24/69-10/24/69
		D-12724	L-6802	9-31	08/20/69-08/20/69
		D-12725	L-6803	32-40	05/11/69-05/11/69
		D-12726	L-6804	41-51	05/11/69-05/11/69
		D-12727	L-6805	52-61	07/03/69-07/03/69
		D-12728	L-6806	62-69	07/13/69-07/14/69
		D-12729	L-6807	70-79	08/22/69-08/23/69
		D-12730	L-6809	80-88	08/21/69-08/21/69
		D-12731	L-6810	89-97	08/20/69-08/21/69
		D-12732	L-6812	98-105	08/21/69-08/22/69
		D-12734	L-6816	106-110	08/23/69-08/24/69
		D-12735	L-6817	111-120	08/24/69-08/24/69
		D-12736	L-6819	121-129	08/24/69-08/25/69
		D-12737	L-6820	130-137	08/25/69-08/25/69
		D-12738	L-6821	138-140	08/25/69-08/25/69
		D-12739	L-6822	141-152	08/26/69-08/26/69
		D-12740	L-6823	153-160	08/25/69-08/26/69
		D-12742	L-6826	161-169	06/05/69-06/06/69
		D-12743	L-6827	170-171	11/15/69-11/15/69
		D-12744	L-6828	172-176	06/06/69-06/06/69
		D-12745	L-6829	177-180	06/07/69-06/07/69
		D-12746	L-6830	181-189	06/07/69-06/07/69
		D-12747	L-6831	190-194	06/08/69-06/08/69
		D-12748	L-6832	195-197	01/26/70-01/26/70
DR02967	DS02967	D-12750	L-6834	1-5	06/08/69-06/09/69
		D-12751	L-6835	6-14	06/09/69-06/09/69
		D-12752	L-6836	15-16	09/27/69-09/27/69
		D-12753	L-6838	17-20	06/12/69-06/13/69
		D-12754	L-6839	21-26	06/13/69-06/13/69
		D-12755	L-6840	27-37	11/16/69-11/18/69
		D-12756	L-6841	38-46	06/09/69-06/14/69
		D-12757	L-6842	47-55	11/19/69-11/23/69
		D-12758	L-6843	56-63	06/14/69-06/16/69
		D-12759	L-6844	64-72	06/16/69-06/16/69
		D-12760	L-6845	73-81	06/11/69-06/12/69
		D-12761	L-6846	82-93	06/16/69-06/17/69
		D-12790	L-6848	94-102	06/17/69-06/18/69
		D-12791	L-6849	103-111	06/09/69-06/10/69
		D-12792	L-6850	112-126	06/18/69-06/18/69
		D-12793	L-6851	127-135	04/24/69-04/24/69
		D-12794	L-6855	136-144	06/19/69-06/19/69
		D-12795	L-6856	145-158	06/19/69-06/20/69
		D-12796	L-6857	159-164	06/20/69-06/20/69
		D-12797	L-6858	165-168	06/20/69-06/20/69
		D-12798	L-6860	169-174	06/20/69-06/21/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02968	DS02968	D-12800	L-6862	1-9	06/21/69-06/22/69
		D-12801	L-6863	10-19	06/22/69-06/22/69
		D-12802	L-6864	20-25	06/22/69-06/23/69
		D-12803	L-6867	26-34	06/23/69-06/24/69
		D-12804	L-6869	35-43	06/24/69-06/25/69
		D-12805	L-6871	44-52	06/25/69-06/25/69
		D-12806	L-6872	53-63	06/25/69-06/26/69
		D-12807	L-6876	64-72	06/26/69-06/27/69
		D-12808	L-6877	73-76	06/27/69-06/27/69
		D-12809	L-6878	77-82	06/27/69-06/28/69
		D-12810	L-6879	83-91	06/28/69-06/28/69
		D-12811	L-6880	92-100	06/28/69-06/29/69
		D-12812	L-6681	101-103	07/01/69-07/01/69
		D-12813	L-6882	104-111	06/23/69-06/23/69
		D-12814	L-6883	112-120	06/29/69-06/30/69
		D-12815	L-6884	121-129	06/30/69-06/30/69
		D-12816	L-6885	130-136	06/30/69-07/01/69
		D-12817	L-6888	137-145	07/01/69-07/02/69
		D-12818	L-6889	146-148	11/24/69-11/25/69
		D-12819	L-6890	149-157	07/02/69-07/02/69
		D-12820	L-6892	158-169	07/03/69-07/04/69
DR02962	DS02962	D-12821	L-6893	1-7	07/16/69-07/16/69
		D-12822	L-6894	8-14	07/04/69-07/05/69
		D-12823	L-6896	15-27	07/05/69-07/05/69
		D-12825	L-9876	28-38	07/07/69-07/08/69
		D-12827	L-9880	39-48	07/10/69-07/11/69
		D-12828	L-9881	49-51	08/06/69-08/06/69
		D-12829	L-9883	52-60	07/11/69-07/12/69
		D-12830	L-9886	61-64	07/27/69-07/27/69
		D-12833	L-9893	65-73	07/08/69-07/09/69
		D-12835	L-9899	74-81	07/17/69-07/18/69
		D-12836	L-9905	82-90	07/20/69-07/21/69
		D-12837	L-9907	91-96	07/23/69-07/23/69
		D-12838	L-9908	97-100	07/23/69-07/23/69
		D-12839	L-9913	101-109	07/25/69-07/26/69
		D-12841	L-9931	110-115	09/29/69-09/29/69
		D-12845	L-9943	116-120	10/11/69-10/11/69
		D-12846	L-9944	121-124	10/11/69-10/12/69
		D-12847	L-9948	125-131	10/13/69-10/13/69
		D-12848	L-9949	132-136	10/15/69-10/15/69
		D-12849	L-9950	137-142	10/16/69-10/16/69
		D-12850	L-9954	143-145	10/17/69-10/17/69
		D-12851	L-9959	146-149	04/15/69-04/15/69
		D-12852	L-9966	150-158	04/19/69-04/19/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR02957	DS02957	D-12344	L-6212	1-7	01/26/70-01/26/70
		D-12346	L-6214	8-15	10/18/69-10/18/69
		D-12733	L-6815	16-20	08/23/69-08/23/69
		D-12741	L-6825	21-29	06/05/69-06/05/69
		D-12749	L-6833	30-34	06/08/69-06/08/69
		D-12799	L-6861	35-38	06/21/69-06/21/69
		D-12826	L-9879	39-50	07/09/69-07/09/69
		D-12831	L-9891	51-59	07/14/69-07/15/69
		D-12832	L-9892	60-65	08/05/69-08/06/69
		D-12840	L-9914	66-75	07/22/69-07/23/69
		D-12842	L-9932	76-77	09/29/69-09/29/69
		D-12843	L-9934	78-79	09/30/69-09/30/69
		D-12844	L-9935	80-88	09/29/69-09/30/69
		D-12853	L-9967	89-97	04/19/69-04/20/69
		D-12854	L-9969	98-103	07/27/69-07/27/69
		D-12855	L-9971	104-109	07/26/69-07/26/69
		D-12856	L-9974	110-118	04/23/69-04/24/69
		D-12857	L-9977	119-127	04/24/69-04/25/69
DR03330	DS03330	D-01600		1-15	06/19/69-06/21/69
		D-01601		16-28	06/21/69-06/22/69
		D-01602		29-40	06/22/69-06/23/69
		D-01603		41-53	06/25/69-06/26/69
		D-01605		54-65	06/27/69-06/28/69
		D-01606		66-80	06/28/69-06/30/69
		D-01609		81-94	07/06/69-07/07/69
		D-01610		95-101	07/07/69-07/07/69
		D-01612		102-112	07/08/69-07/09/69
		D-01613		113-125	07/11/69-07/12/69
		D-06169		126-133	06/13/69-06/15/69
		D-06171		134-141	06/22/69-06/22/69
DR03331	DS03331	D-01604		1-11	06/26/69-06/26/69
		D-01607		12-27	06/30/69-07/01/69
		D-05569		28-42	07/16/69-07/19/69
		D-06170		43-68	06/17/69-06/19/69
		D-12417	L-6286	69-70	10/06/69-10/06/69
		D-12646	L-6685	71-76	09/10/69-09/11/69
		D-12657	L-6696	77-82	09/15/69-09/15/69
		D-12824	L-6899	83-91	07/06/69-07/07/69
		D-01608		92-104	07/04/69-07/06/69
		D-01611		105-113	07/06/69-07/06/69
		D-01614		114-127	07/12/69-07/15/69
		D-04818		128-142	07/15/69-07/17/69
		D-06172		143-162	06/24/69-06/25/69
		D-06173		163-181	07/02/69-07/15/69

DR#	DS#	D#	L#	FILES	TIME SPAN
DR03332	DS03332	D-12378	L-6247	1-3*	10/02/69-10/02/69
		D-12635	L-6674	4-8*	09/19/69-09/19/69
		D-12636	L-6675	9-10*	09/20/69-09/20/69
		D-12673	L-6712	11-12*	06/07/69-06/07/69
		D-12701	L-6756	13-17*	05/17/69-05/17/69

* See below for comments

* D-12378 --- ONLY FILES 1-3 WERE READABLE

D-12635 --- ONLY FILES 1-5 WERE READABLE

D-12636 --- ONLY FILES 1-2 WERE READABLE

D-12673 --- ONLY FILES 1-2 WERE READABLE -- LOST RECORDS 4,5,7,9,11,13,15,17,19,21,25,27,31 OF FILE 2.

D-12701 --- ONLY FILES 1-5 WERE READABLE -- LOST RECORDS 79 AND 89 OF FILE 2, RRD 4 OF FILE 4, AND 90 RECORDS WERE LOST ON FILE 5.

**THE FOLLOWING TAPES WERE UNSUCESSFUL DURING THE RESTORATION PROCESS. THEY CONTINUOUSLY DROPPED VACUUM AND WERE UNREADABLE TO ANY EXTENT.

D-12337
D-12345
D-12362
D-12666
D-12834

B R I E F D E S C R I P T I O N
MRIR Meteor. Radiation Tapes
69-037A-05B

The Medium-Resolution Infrared Radiometer (MRIR) data are on binary magnetic tapes called Nimbus Meteorological Radiation Tapes (NMRT-MRIR). They contain radiances measured at 6.4-6.9, 10-11, 14-16, 5-30, and 0.2-4.0 micrometers. The latitude, longitude, time, and other orbital and telemetry data are also included. There is one file for each orbit of data. The first record in each file contains the documentation for the succeeding data records. The format of the tapes can be found in section 4 of "The Nimbus III User's Guide."

M A T E R I A L S F O R D I S T R I B U T I O N
69-037A-05B
MRIR Meteor. Radiation Tapes

Data are ordered by using the Nimbus 3 Data Catalogs, volumes 1 to 6, B06583, B06584, B06585, B06586, B06523 and B07526 respectively. These catalogs should be sent to a potential requester in conjunction with the 'Nimbus III User's Guide,' B03409.

D A T A S E T R E M A R K S
69-037A-05B
MRIR Meteor. Radiation Tapes

Most of the data set is held outside NSSDC, but the Data Center does respond to requests. The present set of tapes is considered preliminary and contains many short data breaks (see acquisition file). Periods of missing data will be filled as more tapes become available.

B06523-000A
B04495-000A

THE NIMBUS III DATA CATALOG

VOLUME 1, PART 1

14 APRIL THROUGH 31 MAY 1969

DATA ORBITS 109-639

full Document on microfiche

GODDARD SPACE FLIGHT CENTER
GREENBELT MARYLAND

B06523-000A
B06593-000A

THE NIMBUS III DATA CATALOG

VOLUME 1, PART 2

Medium Resolution Infrared Radiometer Pictorial Data

14 April through 31 May 1969

Data Orbits 112 to 639

Prepared By

ALLIED RESEARCH ASSOCIATES, INC.

Concord, Massachusetts

For the Nimbus Project

AUGUST 1969

full Document on Micro fiche

GODDARD SPACE FLIGHT CENTER

Greenbelt, Maryland

B06523-000A
B06584-000A

THE NIMBUS III DATA CATALOG

Volume 2

June 1969
Data Orbits 640-1041

Prepared by

Allied Research Associates, Inc.
Concord, Massachusetts

For the

Nimbus Project

November 1969

full Document on Microfiche

GODDARD SPACE FLIGHT CENTER
Greenbelt, Maryland

B06523-000A
B06585-000A

THE NIMBUS III DATA CATALOG

Volume 3

Jul 1969
Data Orbits 1042-1157

Prepared by

Allied Research Associates, Inc.
Concord, Massachusetts

For the

Nimbus Project

full Document on Microfiche

December 1969

GODDARD SPACE FLIGHT CENTER
Greenbelt, Maryland

B06523-000A
B06586-000A

THE NIMBUS III DATA CATALOG

Volume 4

August 1969
Data Orbits 1458-1872

Prepared by

Allied Research Associates, Inc.
Concord, Massachusetts

For the

Nimbus Project

December 1969

full Document on micro fiche

GODDARD SPACE FLIGHT CENTER
Greenbelt, Maryland

B06523-000A

THE NIMBUS III DATA CATALOG

Volume 5

September 1, 1969 to December 31, 1969
Data Orbits 1873-3503

Prepared by

Allied Research Associates, Inc.
Concord, Massachusetts

For the

Nimbus Project

April 1970

full Document on microfiche

GODDARD SPACE FLIGHT CENTER
Greenbelt, Maryland

D06525-000A
B07526-000A

THE NIMBUS III DATA CATALOG

Volume 6 (Final)

January 1, 1970 to May 31, 1970
Data Orbits 3509-5529

Prepared by

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Concord, Massachusetts

For the

Nimbus Project

October 1970

full Documentation on micro fiche

GODDARD SPACE FLIGHT CENTER
Greenbelt, Maryland

B03409-000A

THE NIMBUS III USER'S GUIDE

Prepared by

The NIMBUS Project
Goddard Space Flight Center
National Aeronautics and Space Administration

Edited by

Romeo R. Sabatini
Allied Research Associates, Inc.
Concord, Mass.

full Document on micro fiche

Check N3
U.G. for better quality

Table [illegible]-11
Gray Level Values fo[illegible] Pictorial Display

Channel Target Values				
6.4-[illegible]	[illegible]	14.[illegible]-[illegible].5μ	20-23μ	0.2-4.0μ
°[illegible]	[illegible]	°[illegible]	°K	$\bar{N}(Wm^{-2}\,Ster^{-1})$
264-[illegible]	[illegible]-320	25[illegible]-245	282-290	199-210
257-[illegible]	[illegible]7-308	23[illegible]-[illegible]9	273-281	169-189
250-257	[illegible]5-296	22[illegible]-[illegible]3	264-272	[illegible]8-168
243-249	273-284	222-227	255-263	127-147
236-24[illegible]	261-272	216-221	246-254	106-[illegible]26
229-[illegible]	[illegible]49-260	210-215	237-245	[illegible]-[illegible]65
222-[illegible]	237-248	204-209	228-236	[illegible]
215-[illegible]	225-236	19[illegible]-203	219-227	[illegible]3-[illegible]3
208-[illegible]	213-224	19[illegible]-197	210-218	22-42
201-[illegible]	201-212	186-191	201-209	1-21
[illegible]00 & [illegible]	& below	[illegible]85	200 & below	0

[illegible]mat of th[illegible]RT-MRIR Tape

MRIR digital magnetic tape (output of the Telemetrics 670 Computer) [illegible]ted for compatibility with the IBM 360 computer system. The [illegible]igital [illegible] from ea[illegible]h radiometer sensor is stripped of sync bits and al[illegible]ive [illegible]ous re[illegible]s are placed in one 36-bit IBM word with 7 bits [illegible] each [illegible]rem[illegible]a[illegible] one in the least significant bit. The time code is also [illegible] all [illegible]necessary bits and formatted into one 36-bit word exp[illegible]ssing [illegible]e nearest second. The following special code words are inserted to [illegible]den[illegible]fy [illegible]e various conditions described below:

1. $(666666666666)_8$ – Identifies the next word as the Minitrack time word.
2. $(777777777777)_8$ – Identifies end of data.
3. [illegible]252525[illegible]2 – Identifies data dropout. This code word is used when [illegible] five measurements are simultaneously bad. When an individual [illegible]easure[illegible]nt is bad, the data for that measurement is set equal to the [illegible]revious meas[illegible]rem[illegible]nt.

The magnetic tape containing the formatted MRIR radiation data represents the primary output from the radiometer data for further processing and archiving. The first step in this procedure is to examine the formatted radiometer output and create an intermediate tape which contains (1) the response from each radiometer channel for every earth-viewed scan, (2) the associated data from each channel of the radiometer while viewing space, (3) the associated response from each channel of the radiometer while viewing spacecraft housing, and (4) the time data associated with each earth scan. The intermediate tape will be the basic repository for raw radiation data from the Nimbus Medium Resolution Infrared Radiometer, and also represents the primary input source of radiometer data for the second step in the data processing plan.

The Nimbus Meteorological Radiation Tape (NMRT-MRIR) for the Medium Resolution Infrared Radiometer is the output from the second step of the data processing system. The inputs to this program are (1) the intermediate MRIR tape, (2) spacecraft telemetry data transmitted from the spacecraft, (3) the Vector Tape (NVT) containing position vectors of the spacecraft at one minute intervals, and (4) miscellaneous documentation data.

During the second phase, each data measurement is converted to equivalent units of energy, latitudes and longitudes are computed for locator points, and spacecraft and telemetry data are computed as a function of time. These data are formatted as described below, and the Nimbus Meteorological Radiation Tape for medium resolution infrared data is produced.

The NMRT-MRIR is the basic repository for calibrated radiation data from the medium resolution infrared radiometer. This tape contains data in binary mode and a density of 556 bits per inch. The first file on each tape contains a BCD label consisting of fifteen words of BCD information followed by an end-of-file. The files which this tape contain the MRIR data in the format described below. There will be one file for each orbit of data. The first record in a data file is a documentation record containing 15 words which describe the data to be found in each succeeding record (see Table 4-12). The remaining data records will consist of blocks of variable length, but this length will be consistent within the file (see Table 4-13). The length of a data record (L) can be determined as follows:

L = (SWATHS PER RECORD) × (WORDS PER SWATH) + (NUMBER OF NADIR ANGLES) + 8

Ninety degrees are added to all latitudes and attitude errors to eliminate negative signs.

Table 4-12
NMRT-MRIR Documentation Record Format

Word No.	Quantity	Units	Scaling	Remarks
1	Nimbus Day	–	B = 35	Start time for this file of data.
2	Hour	Z Hour	B = 35	
3	Minute	Z Minute	B = 35	
4	Seconds	Z Seconds	B = 35	
5	Nimbus Day	–	B = 35	End time for this file of data.
6	Hour	Z Hour	B = 35	
7	Minute	Z Minute	B = 35	
8	Seconds	Z seconds	B = 35	
9	Mirror Rotation Rate	Deg/sec	B = 26	Rotation rate of radiometer mirror.
10	Sampling Frequency.	Samples/sec	B = 23	Digital sampling frequency per second of vehicle time.
11	Orbit Number	–	B = 35	Orbit Number.
12	Station Code	–	B = 35	Station code for DAF ground station.
13	Swath Block Size		B = 35	Number of 35-bit words per swath.
14	Swaths Per Record	–	B = 35	Number of swaths per record.
15	Number of Locator Points	–	B = 35	Number of anchor points per swath for which latitudes and longitudes are computed

Table 4-13
NMRT-MRIR Data Record Format

Word No.	Quantity	Units	Scaling	Remarks
1D	Nimbus Day	-	B = 17	Start time for this record of data.
1A	Hour	Z Hour	B = 35	
2D	Minutes	Z Minute	B = 17	
2A	Seconds	Z Second	B = 35	
3D	Roll Error	Degrees	B = 14	Roll error at time specified in words one and two.
3A	Pitch Error	Degrees	B = 32	Pitch error at time specified in words one and two.
4D	Yaw Error	Degrees	B = 14	Yaw error at time specified in words one and two.
4A	Height	Kilometers	B = 35	Height of Spacecraft at time specified in words one and two.
5A	Housing one Temperature	Degrees K	B = 32	Measured temperature of housing one at time specified in words one and two.
5D	Housing two Temperature	Degrees K	B = 14	Measured temperature of housing two at time specified in words one and two.
6A	Electronics Temperature	Degrees K	B = 32	Measured temperature of electronics at time specified in words one and two.
7D	Chopper one Temperature	Degrees K	B = 14	Measured temperature of chopper at time specified in words one and two.
7A	Chopper two Temperature	Degrees K	B = 32	Measured temperature of chopper at time specified in words one and two.
8D	GHA of SUN	Degrees	B = 14	GHA of sun at time specified in words 1 and 2.
8A	Decl. of Sun	Degrees	B = 32	Declination of sun at time specified in words 1 and 2. Ninety degrees added to eliminate negative sign.
9	Nadir Angle	Degrees	B = 29	Nadir angles corresponding to each locator point and measured in the plane of the scanning radiometer.
N	Nadir Angle	Degrees	B = 29	Last nadir angle.

Table 4-13

NIMBUS-MRIR Data Record Format (Continued)

Word No.	Quantity	Units	Scaling	Remarks
(N+1)D	Seconds	Z Seconds	B = 8	Seconds past time in words 1A & 2D for beginning of this swath.
(N+1)A	Data Population	–	B = 35	Number of data points in this swath.
(N+2)D	Latitude	Degrees	B = 11	Latitude of subsatellite point for this swath.
(N+2)A	Longitude	Degrees	B = 29	Longitude of subsatellite point for this swath.
(N+3)D	Latitude	Degrees	B = 11	Latitude of viewed point for the first anchor spot.
(N+3)A	Longitude	Degrees	B = 29	Longitude of viewed points for the first anchor spot. Measured positive westward, 0 - 360 degrees.
(	[illegible]	Degrees	B = 11	Latitude and longitude of last anchor spot.
(M)A	Longitude	Degrees	B = 29	Latitude and longitude of last anchor spot.
(M+1)D	MRIR Data	–	B = 14	MRIR Data Measurement, channel one.
(M+1)A	MRIR Data	–	B = 32	MRIR Data Measurement, channel one.
(K+2D)	MRIR Data	–	B = 14 - 42	Last MRIR Data Measurement, channel one.

The data on preceeding page constitute what is essentially the documentation portion of a [illegible] record. These data will be followed by several blocks of data with each block representing [illegible]th. The number of these blocks in a record as well as the size of each block is specified in the documentation record represented on the previous page.

Words M+1 through K are repeated for channels two through five respectively. All remaining or unused portions of swath data block are set to zero, giving a swath block size as specified in the documentation record. The above data on this page are repeated for the number of swaths in each record.

Dupe of L6200

Orbit No.- 1689

Start Date- 230

Start Time- 5hr 40min

Stop Date- 230

Stop Time- 7hr 26min

D-12332

FILE 0001 REC 0001 CH 0084									
0001	457144622422	200320204451	715120454451	232220204651	627123202020	202020202020	202020010611	122020202320	
0049	202020202020	202020202020	202020202020	202020202020	202020202020	202020202020			
FILE 0002 REC 0001 CH 0090									
0001	000000000346	000000000005	000000000050	000000000036	000000000346	000000000007	000000000032	000000000031	
0049	000000060000	000000424525	000000003231	000000000007	000000000454	000000000006	000000000037		
FILE 0002 REC 0002 CH 7500									
0001	000346000005	000050000051	001320001334	001320002146	000000004420	004422004466	004424004424	004101001471	
0049	400000007216	400000007212	400000007174	400000007142	400000007072	400000006777	400000006656	400000006477	
0097	400000006254	400000005747	400000005343	400000004615	400000003720	400000002633	400000001363	400000000000	
0145	000000001363	000000002633	000000003720	000000004615	000000005343	000000005747	000000006254	000000006477	
0193	000000006656	000000006777	000000007072	000000007142	000000007174	000000007212	000000007216	050450000124	
0241	014350013377	014700017260	014700017260	014665017014	014652016572	014637016355	014621016140	014603015725	
0289	014563015512	014542015300	014520015067	014475014655	014451014445	014423014234	014374014024	014344013614	
0337	014313013405	014261013176	014227012767	014173012561	014137012353	014102012145	014044011737	014006011531	
0385	013747011324	013710011117	013650010711	013607010503	013546010274	013503010062	013433007627	013433007627	
0433	003371003404	003432003417	003404003377	003412003432	003364003357	003357003371	003371003351	003425003371	
0481	003432003417	003445003437	003437003432	003364003364	003306003326	003336003364	003357003316	003326003326	
0529	003344003357	003364003412	003404003425	003452003460	003477003470	003473003452	003464003452	003404003412	
0577	003377003437	003377003425	003417003412	003425003351	003364003357	003404003377	003417003425	003377003344	
0625	003267003276	003267003267	003326003326	003306003336	003371003425	003377003377	003306003326	003371003371	
0673	003412003364	003364003267	004034004160	004255004273	004244004165	004165004146	003776003662	003573003553	
0721	003602003645	003700003700	003707003732	003700003700	003645003662	003636003602	003533003440	003440003404	
0769	003415003372	003404003427	003440003513	003573003732	004047004146	004215004233	004215004172	004146004126	
0817	004061003746	003602003563	003573003602	003671003724	004012004012	004034004012	003776003776	003762003746	
0865	003746003762	003700003553	003463003404	003404003404	003415003404	003427003553	003707004012	004041004004	
0913	003732003754	003776003745	003740003770	003770003627	003314003345	003401003371	003361003365	003351003371	
0961	003345003361	003361003361	003361003345	003355003331	003345003345	003345003341	003341003351	003335003320	
1009	003320003320	003331003324	003331003320	003307003324	003307003324	003314003331	003335003331	003351003331	
1057	003341003314	003341003341	003341003345	003335003341	003331003345	003324003331	003324003331	003335003320	
1105	003324003331	003331003320	003331003341	003341003331	003341003320	003335003320	003351003351	003341003345	
1153	003341003371	003345003355	003341003361	003375003405	003421003405	003411003272	003411003544	003610003636	
1201	003615003610	003602003560	003501003434	003434003434	003515003536	003574003602	003610003615	003552003552	
1249	003531003536	003473003434	003360003320	003360003335	003360003335	003344003360	003352003426	003465003552	
1297	003610003631	003665003673	003714003700	003700003673	003615003531	003442003473	003515003531	003544003552	
1345	003574003574	003623003610	003610003574	003560003602	003574003602	003473003352	003312003250	003266003274	
1393	003335003327	003320003457	003544003615	003610003536	003473003501	003544003501	003531003536	003457003116	
1441	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1489	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1537	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1585	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1633	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1681	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1729	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1777	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1825	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1873	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1921	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
1969	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	
2017	000000000000	000000000000	000000000000	060107000124	014315013406	014650017261	014650017261	014635017017	
2065	014622016576	014606016361	014570016145	014552015732	014532015517	014511015306	014466015074	014443014663	
2113	014416014453	014370014242	014342014032	014312013623	014261013414	014227013205	014174012776	014141012570	
2161	014105012362	014050012154	014013011747	013755011541	013716011334	013657011126	013617010721	013557010513	
2209	013516010304	013454010072	013405007641	013405007641	003361003414	003422003450	003402003414	003374003407	
2257	003414003361	003414003402	003435003402	003427003427	003414003422	003414003427	003407003367	003347003312	
2305	003263003322	003347003322	003332003367	003322003347	003341003367	003402003422	003462003450	003452003450	
2353	003471003475	003475003501	003442003450	003402003414	003374003407	003414003414	003402003422	003407003407	
2401	003414003414	003402003414	003414003354	003354003263	003303003263	003273003322	003273003312	003303003367	
2449	003347003407	003407003367	003367003341	003367003354	003354003332	003322003212	004132004233	004263004256	
2497	004152004132	004137004057	003742003636	003636003701	003734003750	003701003663	003636003663	003654003742	
2545	003742003717	003572003424	003367003367	003424003412	003412003412	003424003436	003471003542	003672004052	
2593	004145004160	004210004244	004251004240	004203004137	004031003750	003734003663	003636003620	003663003756	
2641	004064004112	004052004014	003750003750	003734003734	003663003562	003447003400	003343003343	003343003367	

Dupe of L6204

Orbit No- 3819

Start Date- 23

Start Time- 22hr 54min

Stop Date 24

Stop Time 11hr 26min

D-10333

FILE 0001 REC 0001 CH 0084

0001	457144622422	200320445171	512045445123	204651627123	222020031001	113303100201	330310020233	031002032020
0049	202020202020	202020202020	202020202020	202020202020	202020202020	202020202020		

FILE 0002 REC 0001 CH 0090

0001	000000000027	000000000026	000000000066	000000000017	000000000030	000000000000	000000000050	000000000060
0049	000000060000	000000424525	000000007353	000000000007	000000000454	000000000006	000000000037	

FILE 0002 REC 0002 CH 7500

0001	000027000026	000066000032	001320001334	001320002174	000000004446	004451004466	004424004424	002355001047
0049	400000007175	400000007171	400000007153	400000007120	400000007050	400000006755	400000006633	400000006454
0097	400000006230	400000005724	400000005317	400000004572	400000003676	400000002615	400000001353	400000000000
0145	000000001353	000000002615	000000003676	000000004572	000000005317	000000005724	000000006230	000000006454
0193	000000006633	000000006755	000000007050	000000007120	000000007153	000000007171	000000007175	032231000124
0241	025023034726	023721014124	023721014124	024156014367	024367014661	024574015240	024774015756	025167016761
0289	025354021574	025523021575	025643021576	025710021577	025664026372	025557031317	025416033155	025236034303
0337	025045035133	024647035577	024447036132	024244036403	024041036612	023634036770	023426037124	023220037243
0385	023011037346	022602037442	022372037526	022161037605	021746037660	021630037730	021267040002	021267040002
0433	003416003416	003471003445	003475003431	003437003445	003445003453	003445003453	003453003437	003453003437
0481	003453003437	003437003461	003445003537	003506003543	003516003543	003543003516	003560003533	003547003516
0529	003526003526	003526003543	003522003516	003471003475	003516003522	003537003522	003516003516	003512003516
0577	003506003533	003506003506	003512003465	003522003461	003516003465	003475003512	003506003526	003445003471
0625	003437003465	003471003453	003465003431	003437003416	003374003424	003431003461	003431003410	003410003366
0673	003416003353	003316003126	003413003462	003574003613	003631003665	003675003736	003722003744	003704003675
0721	003704003665	003704003656	003656003631	003631003631	003613003640	003631003640	003613003613	003613003564
0769	003574003604	003564003604	003604003613	003574003613	003574003613	003613003574	003613003564	003604003604
0817	003613003613	003604003613	003604003604	003574003613	003613003613	003631003613	003640003647	003640003656
0865	003613003564	003523003512	003523003502	003533003450	003462003424	003462003502	003523003564	003523003523
0913	003502003512	003512003543	003554003502	003330003044	003326003343	003363003403	003403003413	003377003413
0961	003403003413	003413003377	003413003377	003427003403	003417003407	003407003413	003377003423	003377003423
1009	003423003417	003417003403	003413003413	003407003407	003377003407	003373003407	003413003403	003413003377
1057	003427003413	003423003423	003413003417	003367003417	003413003433	003417003407	003417003403	003427003407
1105	003413003417	003423003443	003423003427	003423003433	003443003433	003447003433	003437003447	003453003453
1153	003437003472	003472003510	003514003501	003520003501	003536003505	003274002712	003350003434	003515003540
1201	003531003562	003554003612	003617003625	003617003570	003617003604	003617003612	003604003612	003576003625
1249	003633003662	003670003654	003676003633	003662003633	003662003670	003647003676	003633003654	003641003647
1297	003647003633	003654003633	003641003633	003647003647	003625003654	003625003633	003625003617	003641003612
1345	003641003617	003647003647	003641003662	003625003647	003625003617	003617003576	003612003570	003576003531
1393	003531003546	003531003554	003540003570	003554003554	003554003523	003540003523	003507003316	002666002274
1441	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1489	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1537	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1585	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1633	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1681	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1729	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1777	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1825	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1873	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1921	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1969	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
2017	000000000000	000000000000	000000000000	041605000124	025040035114	023726014021	023726014021	024164014251
2065	024377014526	024605015066	025007015554	025204016503	025374020343	025550021763	025675021764	025746021765
2113	025721026330	025607031505	025441033372	025255034512	025062035324	024662035752	024460036272	024255036531
2161	024050036730	023642037100	023434037226	023225037337	023016037436	022606037526	022376037607	022165037663
2209	021752037733	021533040000	021271040047	021271040047	003406003436	003436003430	003457003436	003457003444
2257	003451003470	003444003470	003436003464	003430003436	003464003436	003470003422	003464003451	003505003511
2305	003521003552	003515003532	003536003542	003557003542	003546003532	003525003511	003474003511	003515003525
2353	003515003521	003521003511	003532003474	003521003474	003521003525	003521003542	003511003536	003511003511
2401	003511003511	003536003505	003511003470	003457003470	003464003500	003457003464	003464003430	003444003430
2449	003444003422	003444003457	003406003436	003401003422	003357003351	003335003154	003301003424	003522003573
2497	003646003646	003673003720	003726003734	003720003711	003664003702	003711003702	003711003664	003673003637
2545	003621003646	003621003664	003646003646	003612003603	003612003573	003621003603	003646003646	003655003637
2593	003621003646	003612003612	003603003612	003621003612	003621003621	003621003621	003621003637	003621003621
2641	003621003621	003655003646	003664003637	003655003637	003621003621	003573003573	003532003532	003461003471

Dupe of 26202
Orbit No: 1410
Start Date 209
Start Time 10hr 1min
Stop Date 209
Stop Time 18hr32min

D-12334

FILE 0002 REC 0001 CH 0090 209 10 1

0001	000000000321	000000000012	000000000001	000000000002	000000000321	000000000013	000000000040	000000000003
0049	000000060000	000000424525	000000002602	000000000007	000000000454	000000000006	000000000037	

FILE 0002 REC 0002 CH 7500 1410

0001	000321000012	000001000013	001320001334	001320002157	000000004431	004433004466	004424004424	005105001547
0049	400000007207	400000007202	400000007164	400000007132	400000007062	400000006767	400000006646	400000006467
0097	400000006243	400000005737	400000005333	400000004605	400000003710	400000002625	400000001357	400000000000
0145	000000001357	000000002625	000000003710	000000004605	000000005333	000000005737	000000006243	000000006467
0193	000000006646	000000006767	000000007062	000000007132	000000007164	000000007202	000000007207	012450000124
0241	021405022252	021217030206	021217030206	021306027637	021360027314	021423026771	021460026444	021506026114
0289	021526025562	021540025226	021542024672	021536024336	021524024004	021503023453	021453023126	021416022604
0337	021352022267	021301021757	021222021455	021136021160	021046020671	020751020410	020650020135	020544017671
0385	020433017432	020317017200	020200016754	020055016534	017727016321	017574016107	017421015661	017421015661
0433	003407003407	003374003374	003345003414	003360003407	003401003414	003414003430	003435003443	003467003507
0481	003517003527	003503003503	003527003527	003547003517	003517003473	003513003513	003513003513	003473003503
0529	003450003463	003473003503	003513003503	003507003463	003477003517	003513003517	003513003513	003503003467
0577	003503003477	003513003503	003507003517	003473003513	003463003477	003467003503	003477003507	003507003463
0625	003477003456	003513003533	003513003533	003527003523	003513003523	003533003537	003547003533	003553003547
0673	003533003507	003422003267	003720003751	003735003743	003702003655	003646003630	003673003702	003773004032
0721	004121004173	004230004241	004246004241	004246004246	004253004241	004246004246	004241004234	004230004246
0769	004246004253	004234004230	004211004173	004204004200	004211004204	004204004223	004230004241	004230004241
0817	004234004241	004241004230	004230004216	004216004204	004204004223	004211004204	004200004211	004216004200
0865	004211004204	004204004166	004166004200	004173004211	004200004211	004211004223	004230004223	004230004246
0913	004265004265	004265004303	004307004265	004121003621	003441003470	003474003477	003477003503	003503003474
0961	003474003461	003470003470	003461003465	003441003461	003461003470	003455003445	003455003451	003461003441
1009	003451003445	003461003465	003455003455	003455003451	003441003435	003451003451	003455003451	003441003445
1057	003435003461	003451003455	003461003455	003455003425	003451003441	003461003451	003441003445	003441003455
1105	003441003451	003445003451	003451003461	003455003451	003451003451	003441003451	003445003461	003470003455
1153	003461003431	003445003435	003451003451	003451003474	003455003474	003372003075	003410003473	003465003523
1201	003507003501	003465003465	003523003545	003575003616	003640003710	003731003751	003764003772	003777003764
1249	004005003764	003777003772	003772003772	003757003777	003764003777	003772003736	003736003723	003744003731
1297	003757003764	003764004005	004005004040	004020004025	004033004025	004033004020	004033004020	004012004005
1345	003772003777	003764003772	003772003772	003772003751	003777003757	003777003751	003757003772	003751003777
1393	003772004020	004020004020	004033004020	004040004040	004025004025	004020004012	003744003702	003374002627
1441	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
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1729	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
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1825	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
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1921	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
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2017	000000000000	000000000000	000000000000	022056000124	021353022267	021171030174	021171030174	021257027625
2065	021331027304	021373026762	021427026436	021455026110	021475025560	021506025226	021510024674	021504024342
2113	021471024011	021450023462	021421023137	021363022617	021320022304	021247021775	021171021474	021106021200
2161	021016020712	020722020432	020621020160	020515017714	020405017455	020272017224	020153017000	020031016560
2209	017704016345	017551016133	017377015704	017377015704	003357003344	003351003344	003357003400	003357003372
2257	003365003421	003426003426	003447003442	003455003442	003502003506	003472003516	003516003532	003512003526
2305	003526003532	003526003466	003502003476	003506003472	003472003502	003472003476	003512003512	003522003512
2353	003516003516	003526003532	003516003532	003512003522	003472003472	003502003476	003522003455	003476003462
2401	003462003447	003462003462	003442003455	003455003472	003502003472	003466003472	003502003502	003462003506
2449	003462003502	003512003526	003526003526	003567003526	003522003434	003413003315	003705003676	003705003705
2497	003676003676	003676003667	003705003753	004025004074	004147004200	004234004253	004264004271	004260004253
2545	004246004246	004241004230	004246004230	004241004234	004241004260	004260004253	004230004241	004234004241
2593	004260004253	004260004234	004223004223	004230004234	004234004253	004253004253	004241004230	004223004205
2641	004205004200	004211004223	004205004216	004205004216	004205004205	004211004200	004173004166	004173004166
2689	004200004173	004205004216	004216004230	004230004241	004260004260	004260004260	004276004302	004216003761
2737	003417003466	003475003510	003472003504	003466003504	003475003501	003501003466	003475003463	003472003453
2785	003466003466	003453003466	003457003457	003463003457	003453003466	003463003453	003447003457	003437003457

FILE 0001 REC 0001 CH 0084

0001	457144622422	200320445171	512020202045	445123222020	465171622220	202020202020	202020010401	052020202346
0049	202020010402	042020202020	202020202020	202020202020	202020202020	202020202020		

FILE 0002 REC 0001 CH 0090

0001	000000000321	000000000024	000000000022	000000000023	000000000321	000000000024	000000000022	000000000030
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FILE 0002 REC 0002 CH 7500

0001	000321000024	000022000026	001320001334	001320002100	000000004435	004440004466	004424004424	001727001547
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0097	400000006315	400000006011	400000005406	400000004657	400000003757	400000002664	400000001401	400000000000
0145	000000001401	000000002664	000000003757	000000004657	000000005406	000000006011	000000006315	000000006540
0193	000000006716	000000007036	000000007130	000000007200	000000007232	000000007250	000000007254	025450000125
0241	017702021441	020020014635	020020014635	020051015147	020073015432	020110015711	020122016170	020127016447
0289	020131016725	020126017203	020120017460	020106017735	020071020211	020047020463	020023020734	017773021204
0337	017737021452	017700021716	017635022157	017570022417	017517022653	017443023106	017364023336	017302023563
0385	017215024006	017126024227	017034024445	016740024661	016641025075	016536025311	016417025546	016417025546
0433	003304003342	003334003253	003261003253	003253003326	003342003404	003415003453	003465003462	003477003457
0481	003470003446	003446003462	003470003474	003436003425	003400003431	003436003421	003421003374	003367003357
0529	003367003374	003363003400	003367003357	003346003346	003367003346	002260002260	002260002260	002260002260
0577	002260002260	002642003113	003223003334	003400003462	003527003566	003613003064	002260002260	002260002260
0625	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
0673	002260002260	002260002260	002516000000	003362003465	003477003413	003504003531	003563003635	003663003705
0721	003726003742	003742003742	003742003726	003722003716	003705003701	003701003722	003742003745	003765003765
0769	003775003765	003771003765	004001004020	004024004034	004030004034	004030004020	003761003711	003652003607
0817	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
0865	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
0913	002260002260	002260002260	002260002260	002260002260	002260002260	002260000000	003354003405	003432003417
0961	003417003417	003405003423	003410003432	003432003423	003414003405	003414003401	003410003405	003405003405
1009	003405003410	003372003367	003367003376	003405003401	003401003376	003363003367	003363003401	003372003405
1057	003376003363	003367003357	003401003350	002260002260	002260002260	002260002260	002260002260	002260002260
1105	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
1153	002260002260	002260002260	002260002260	002260002260	002260002426	002742003123	003163003174	003156003047
1201	002776000000	002260002260	002260002260	002260002315	002477002725	003023003103	003137003126	003126003072
1249	003115003072	003060003103	003103003137	003072003115	003103003072	003072003072	003115003046	003060003034
1297	003023003011	002740002777	002753002765	002725002700	002700002665	002700002640	002260002260	002260002260
1345	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
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1489	001312001340	001357001350	001303001227	001152001171	001303001415	001376001245	000745000455	000276000213
1537	000164000146	000136000136	000136000136	000155000203	000250000257	000276000267	000257000324	000474000774
1585	001264001434	003531000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1633	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1681	000000000015	000043000071	000110000117	000117000110	000101000071	000062000053	000043000000	000000000000
1729	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1777	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1825	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1873	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1921	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
1969	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
2017	000000000000	000000000000	000000000000	030507000125	017715021445	020031014630	020031014630	020063015144
2065	020105015430	020122015710	020134016170	020141016447	020143016725	020141017204	020133017461	020121017737
2113	020104020213	020062020466	020036020737	020005021207	017752021456	017713021722	017650022164	017602022423
2161	017531022661	017455023113	017376023344	017314023571	017227024014	017137024235	017045024453	016751024670
2209	016651025103	016546025320	016426025556	016426025556	003277003336	003263003271	003241003277	003271003330
2257	003370003415	003426003415	003432003443	003447003443	003422003426	003443003447	003463003460	003474003447
2305	003453003460	003443003460	003426003426	003401003415	003415003415	003415003364	003374003353	003374003401
2353	003370003370	003347002260	002260002260	002260002260	002260002260	002611003052	003162003247	003347003415
2401	003502003544	003577003541	002260002260	002260002260	002260002260	002260002260	002260002260	002260002260
2449	002260002260	002260002260	002260002436	002611002260	002260002260	002260002537	002436000000	003143003341
2497	003347003355	003466003571	003631003652	003674003701	003711003711	003716003722	003711003711	003711003722
2545	003711003701	003705003701	003722003732	003741003755	003755003755	003751003761	003770003770	004010004000
2593	004014004000	004004003755	003670003620	003532003525	003520002260	002260002260	002260002260	002260002260
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Dump of 16203
Orbit No: 1415
Start Date 209
Start Time 20hr 18min
Stop Date 210
Stop Time 12hr 37min

D-12335